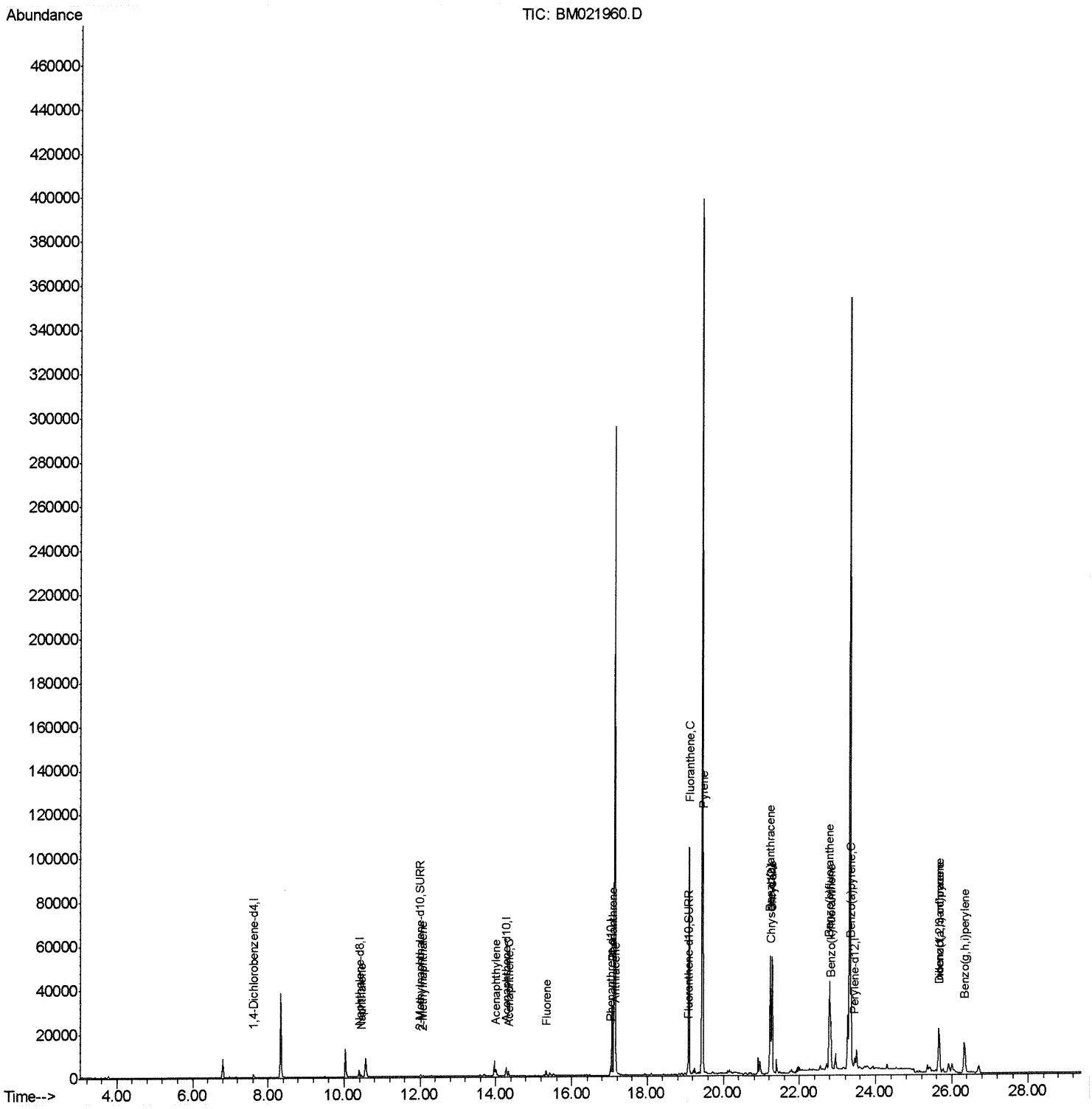
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021960.D
Acq On : 09 Aug 2019 08:42
Operator : HP/JU
Sample : K4029-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 09 13:09:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BENX5

Manual Integrations APPROVED
Sohil
8/13/2019 8:30:13 AM



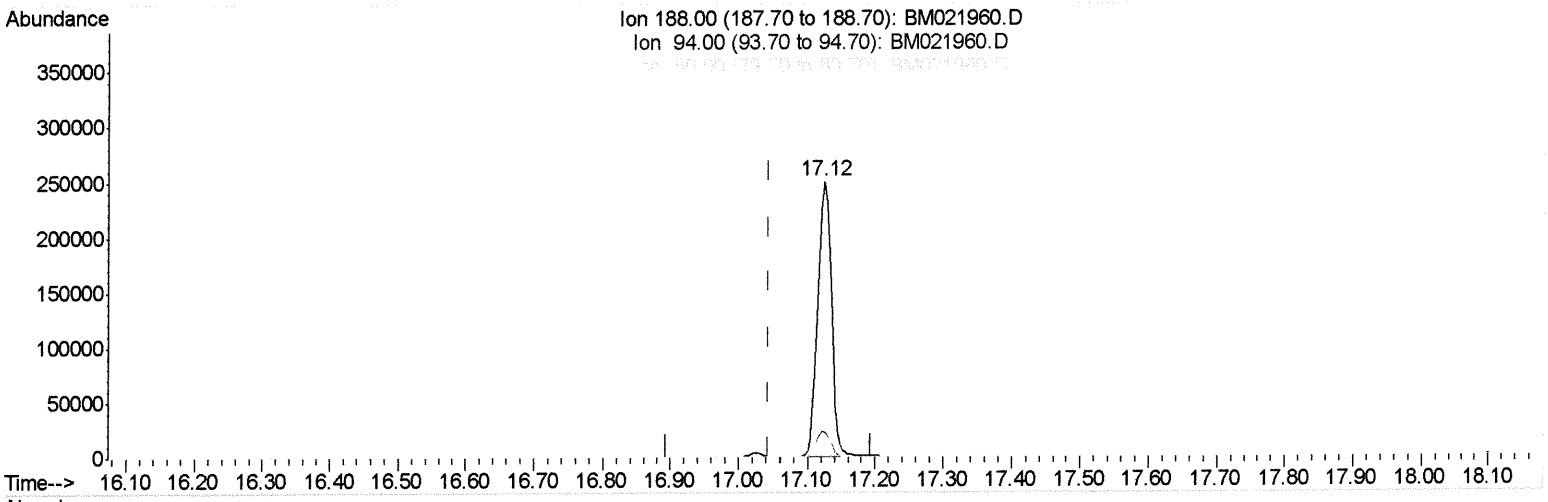
Quantitation Report (Qedit)

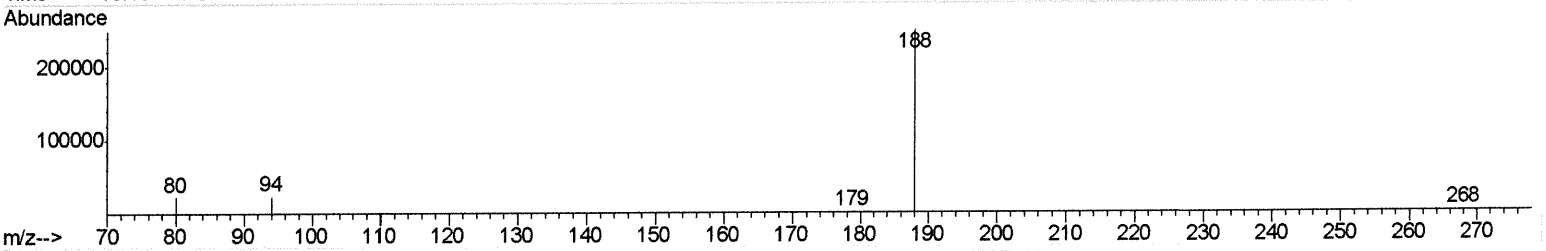
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021960.D
Acq On : 09 Aug 2019 08:42
Operator : HP/JU
Sample : K4029-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

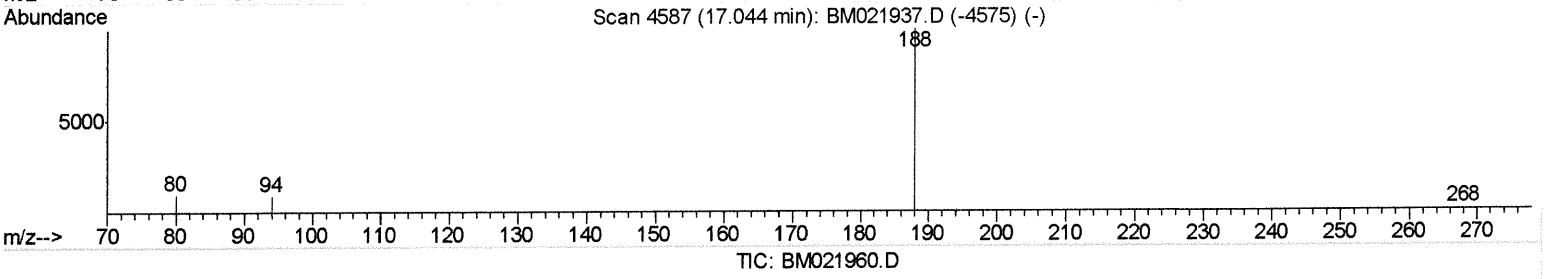
Quant Time: Aug 09 13:00:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BENX5

Manual Integrations APPROVED
Sohil
8/13/2019 8:30:13 AM







TIC: BM021960.D

(10) Phenanthrene-d10 (I)

17.124min (+0.080) 0.40ng/ul

response 342016

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	9.21
80.00	11.40	8.80#
0.00	0.00	0.00

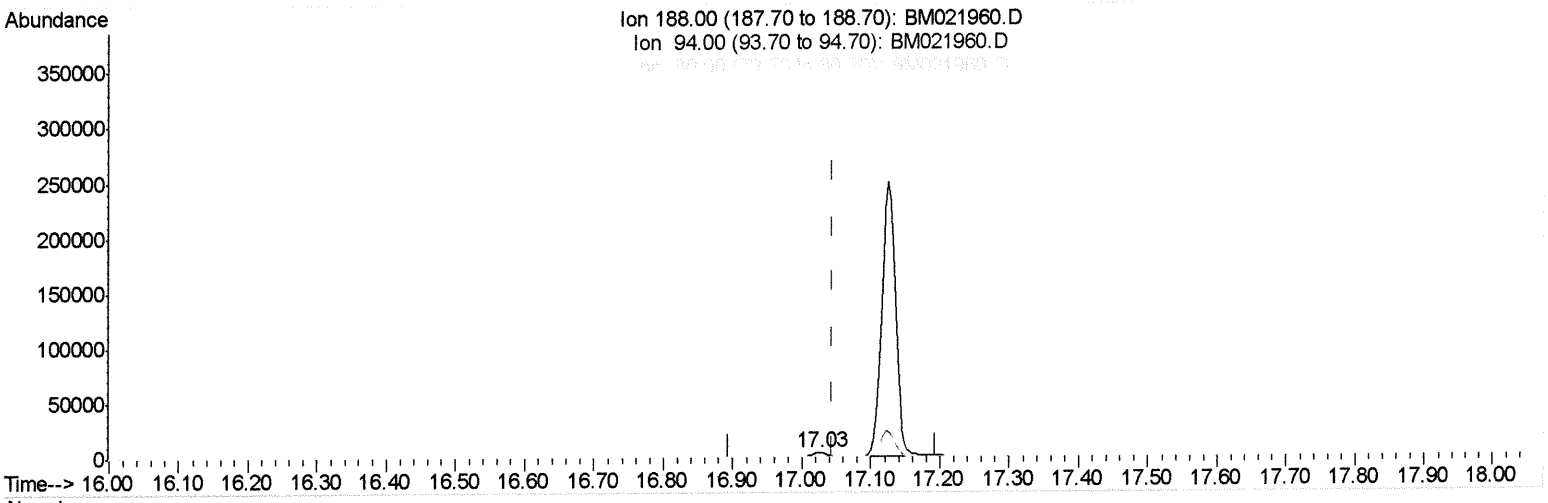
Quantitation Report (Qedit)

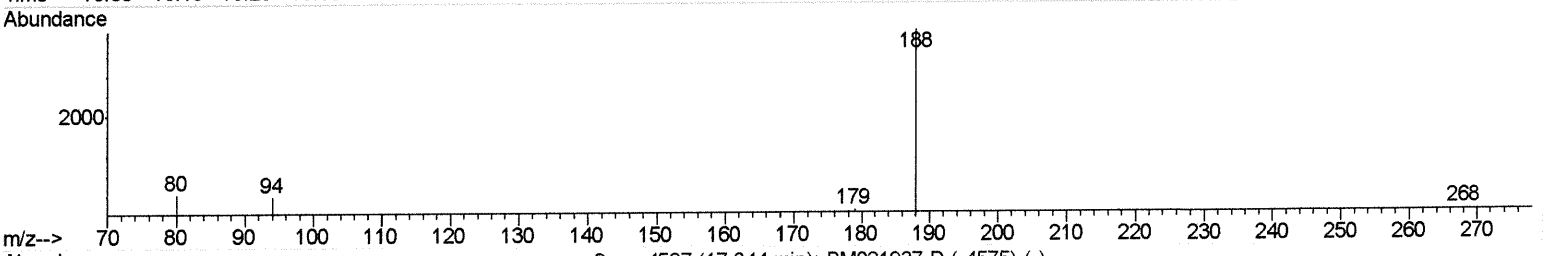
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021960.D
Acq On : 09 Aug 2019 08:42
Operator : HP/JU
Sample : K4029-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

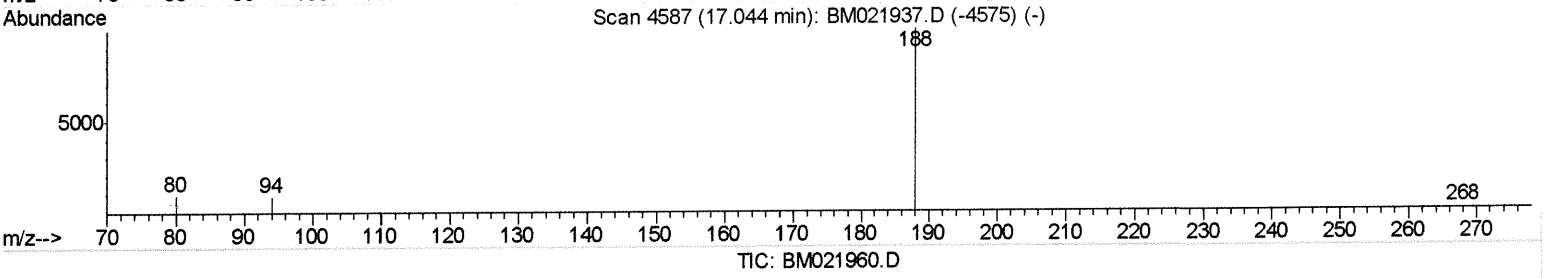
Quant Time: Aug 09 13:00:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BENX5

Manual Integrations APPROVED
Sohil
8/13/2019 8:30:13 AM







TIC: BM021960.D

(10) Phenanthrene-d10 (I)

17.027min (-0.017) 0.40ng/ul m JU 08/09/19

response 5242

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	9.84
80.00	11.40	11.22
0.00	0.00	0.00

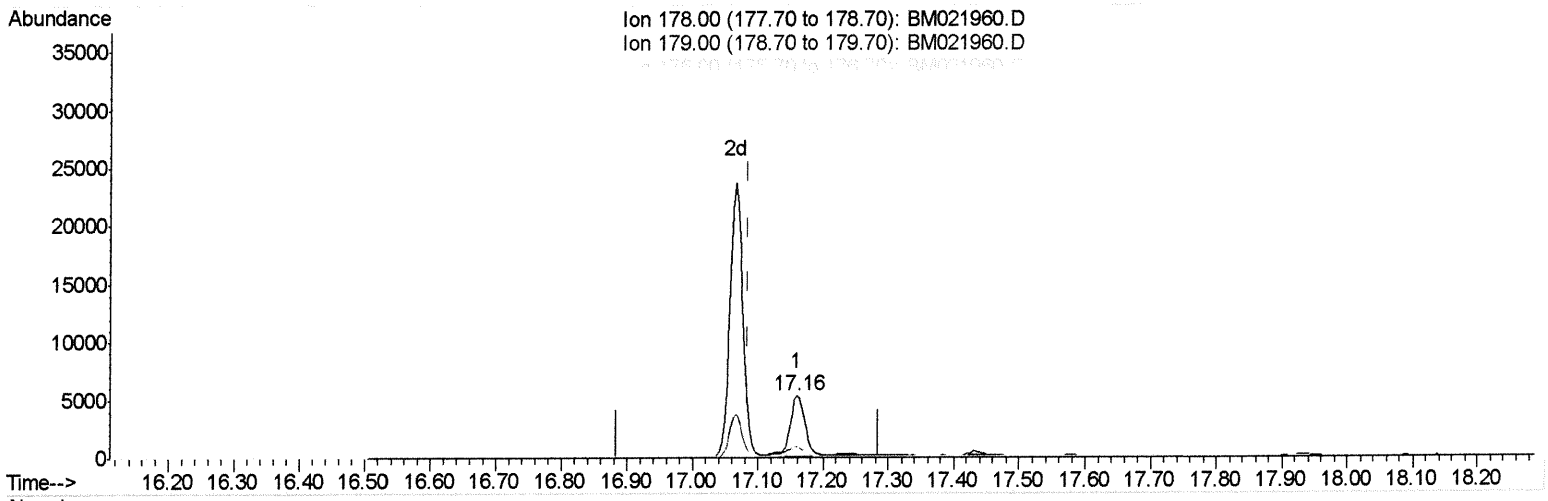
Quantitation Report (Qedit)

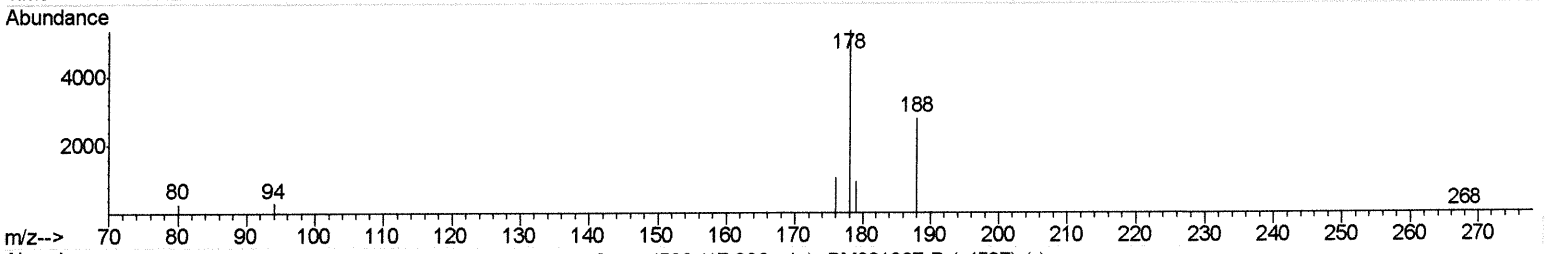
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021960.D
Acq On : 09 Aug 2019 08:42
Operator : HP/JU
Sample : K4029-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

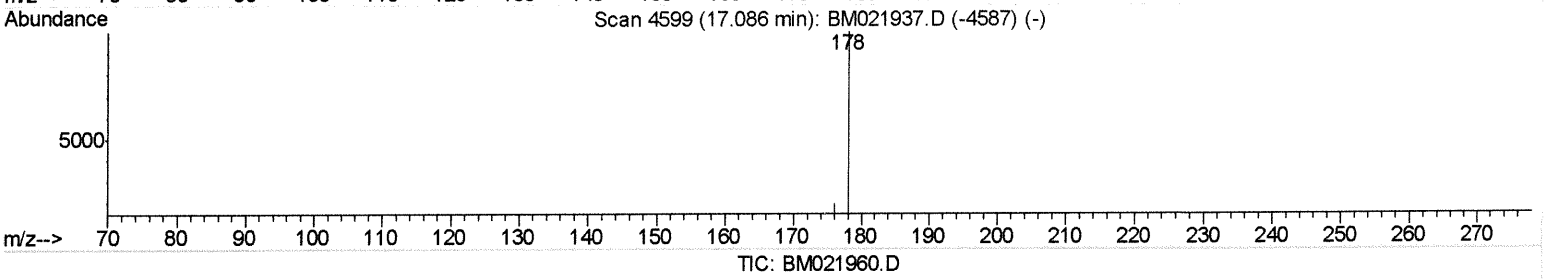
Quant Time: Aug 09 13:00:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BENX5

Manual Integrations APPROVED
Sohil
8/13/2019 8:30:13 AM







TIC: BM021960.D

(12) Phenanthrene

17.159min (+0.073) 0.56ng/ul

response 8579

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	18.24
176.00	21.00	20.12
0.00	0.00	0.00

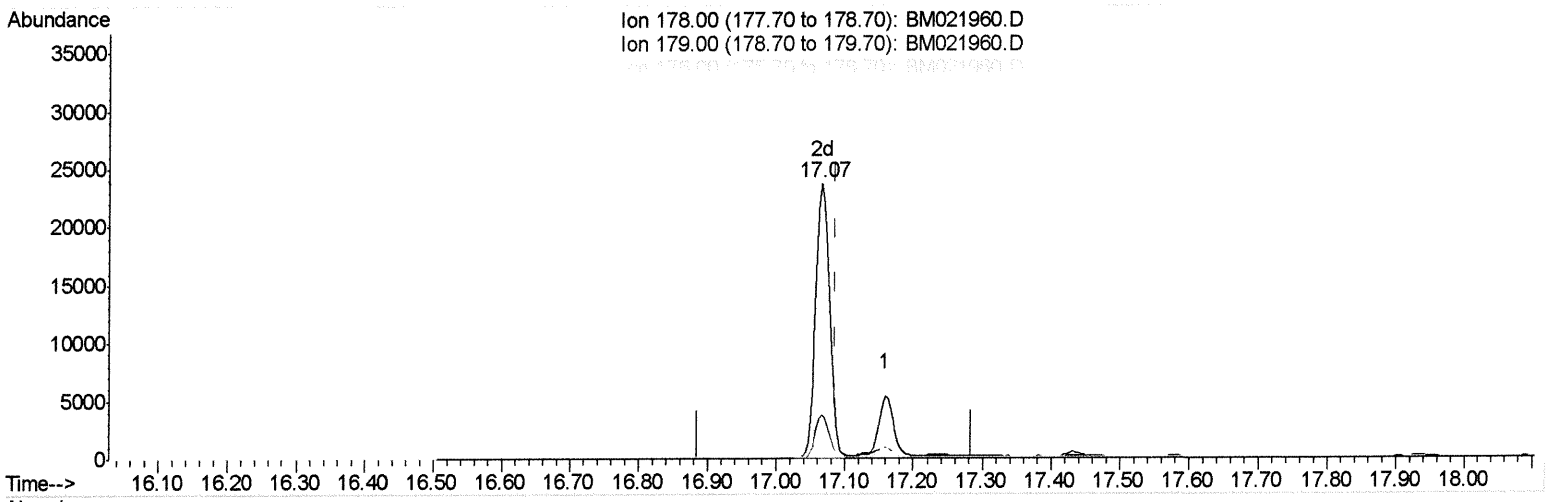
Quantitation Report (Qedit)

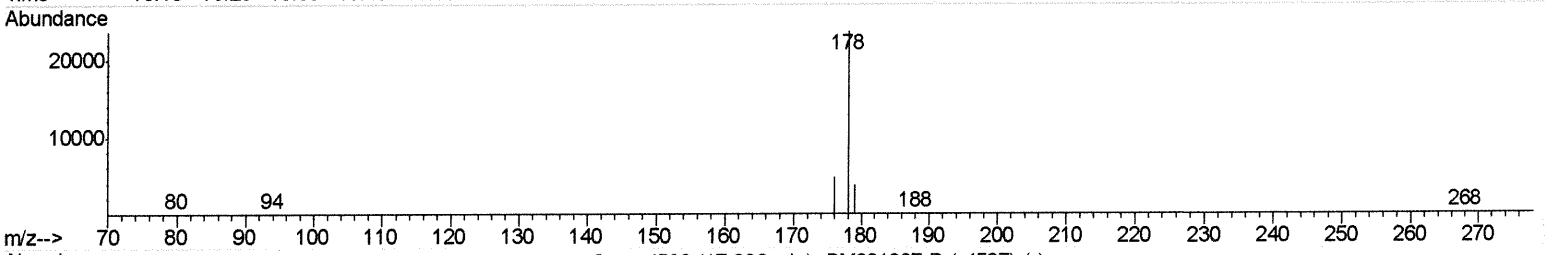
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021960.D
Acq On : 09 Aug 2019 08:42
Operator : HP/JU
Sample : K4029-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

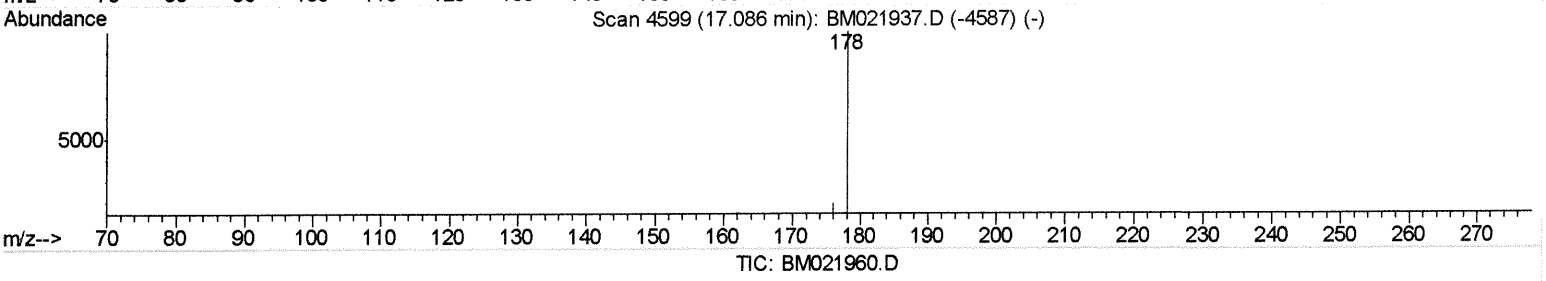
Quant Time: Aug 09 13:00:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BENX5

Manual Integrations APPROVED
Sohil
8/13/2019 8:30:13 AM







TIC: BM021960.D

(12) Phenanthrene

17.065min (-0.021) 2.16ng/ul m JU 08/09/19

response 32979

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	15.72
176.00	21.00	19.79
0.00	0.00	0.00

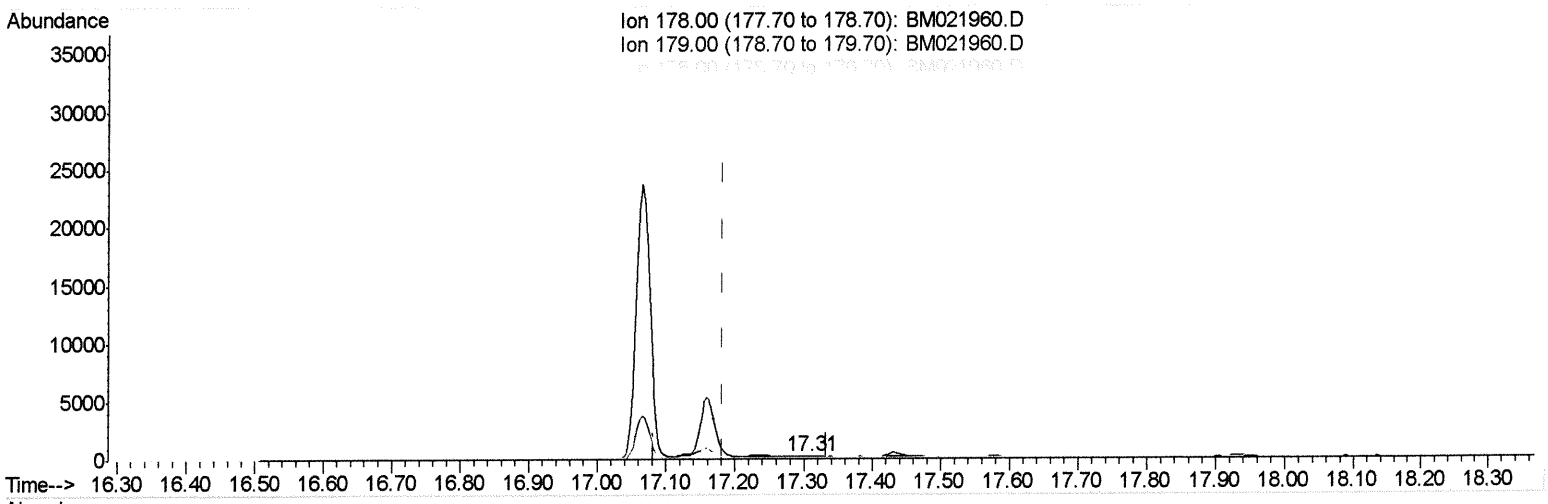
Quantitation Report (Qedit)

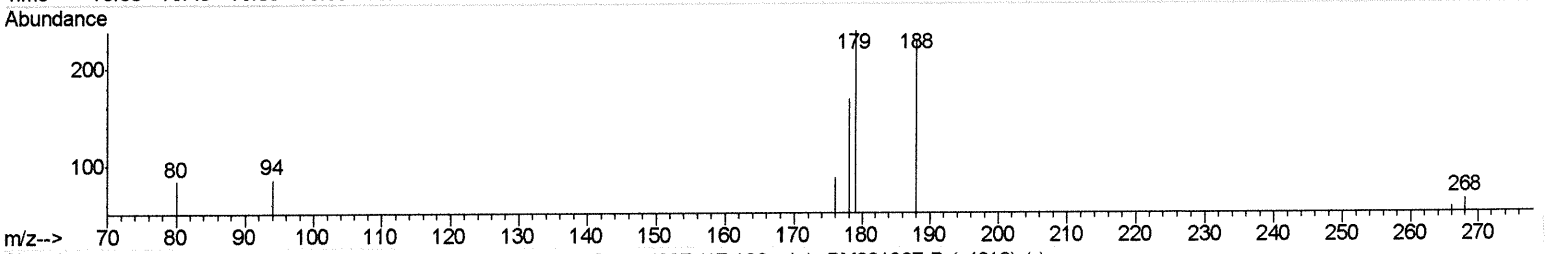
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021960.D
Acq On : 09 Aug 2019 08:42
Operator : HP/JU
Sample : K4029-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

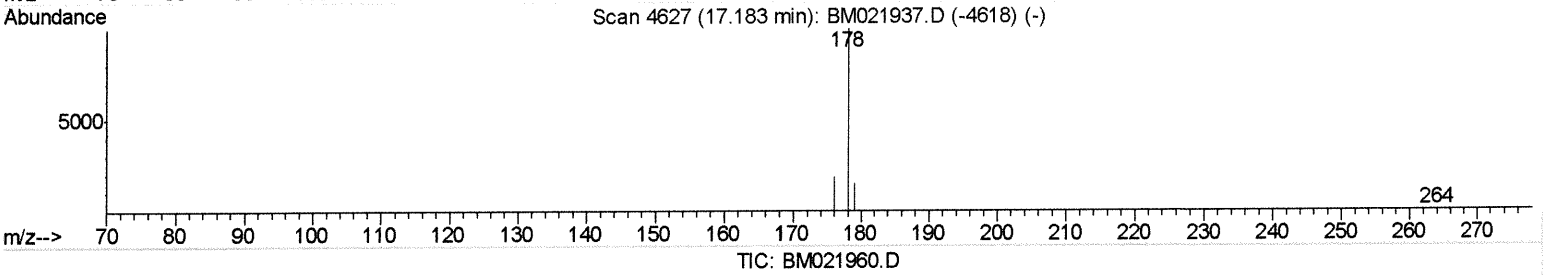
Quant Time: Aug 09 13:00:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BENX5

Manual Integrations APPROVED
Sohil
8/13/2019 8:30:13 AM







TIC: BM021960.D

(13) Anthracene

17.308min (+0.125) 0.01ng/ul

response 153

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	142.26#
176.00	20.80	51.79#
0.00	0.00	0.00

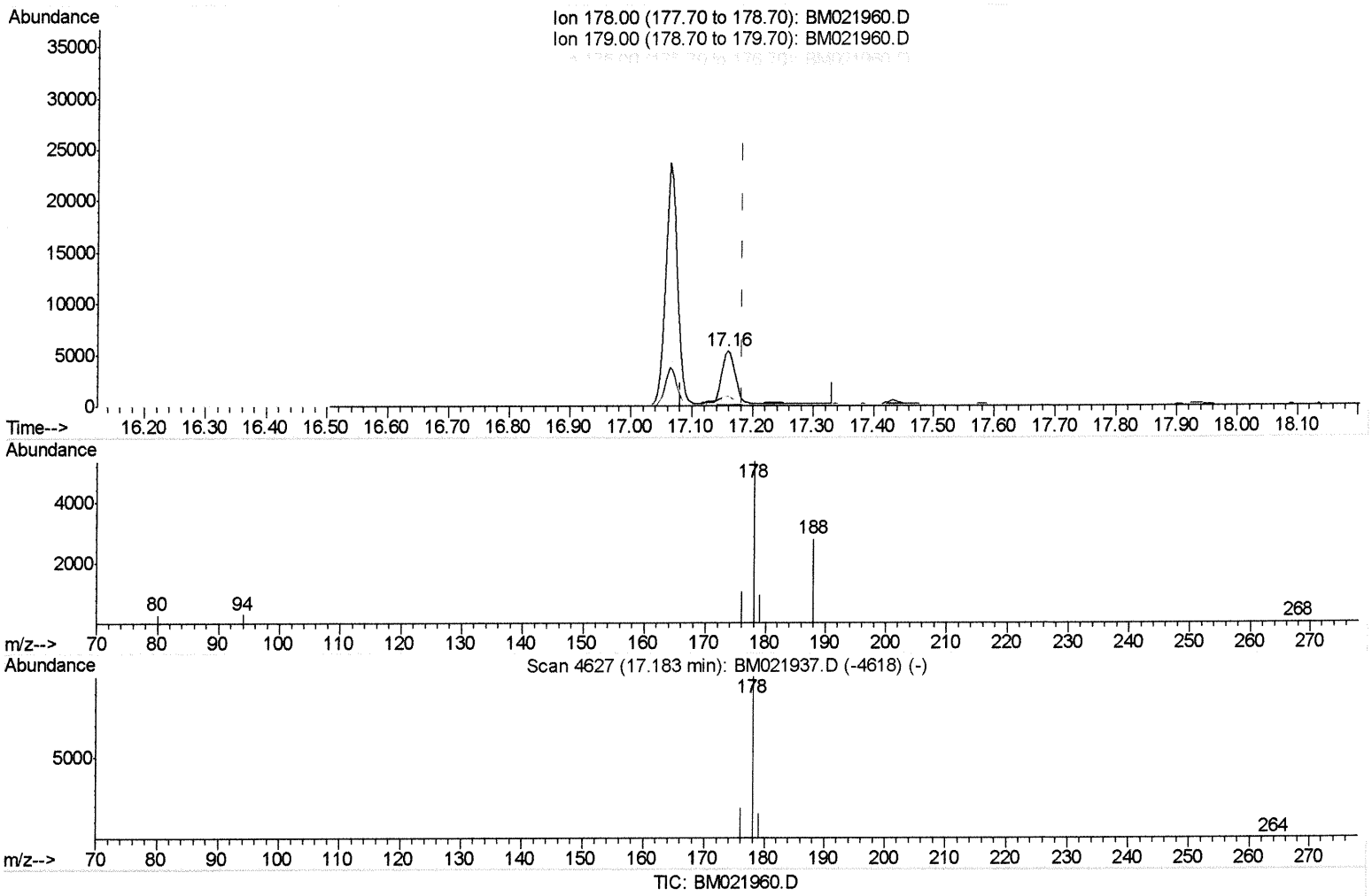
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021960.D
Acq On : 09 Aug 2019 08:42
Operator : HP/JU
Sample : K4029-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 09 13:00:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BENX5

Manual Integrations APPROVED
Sohil
8/13/2019 8:30:13 AM



TIC: BM021960.D

(13) Anthracene

17.159min (-0.024) 0.62ng/ul m JU 08/09/19

response 8122

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	18.24
176.00	20.80	20.12
0.00	0.00	0.00

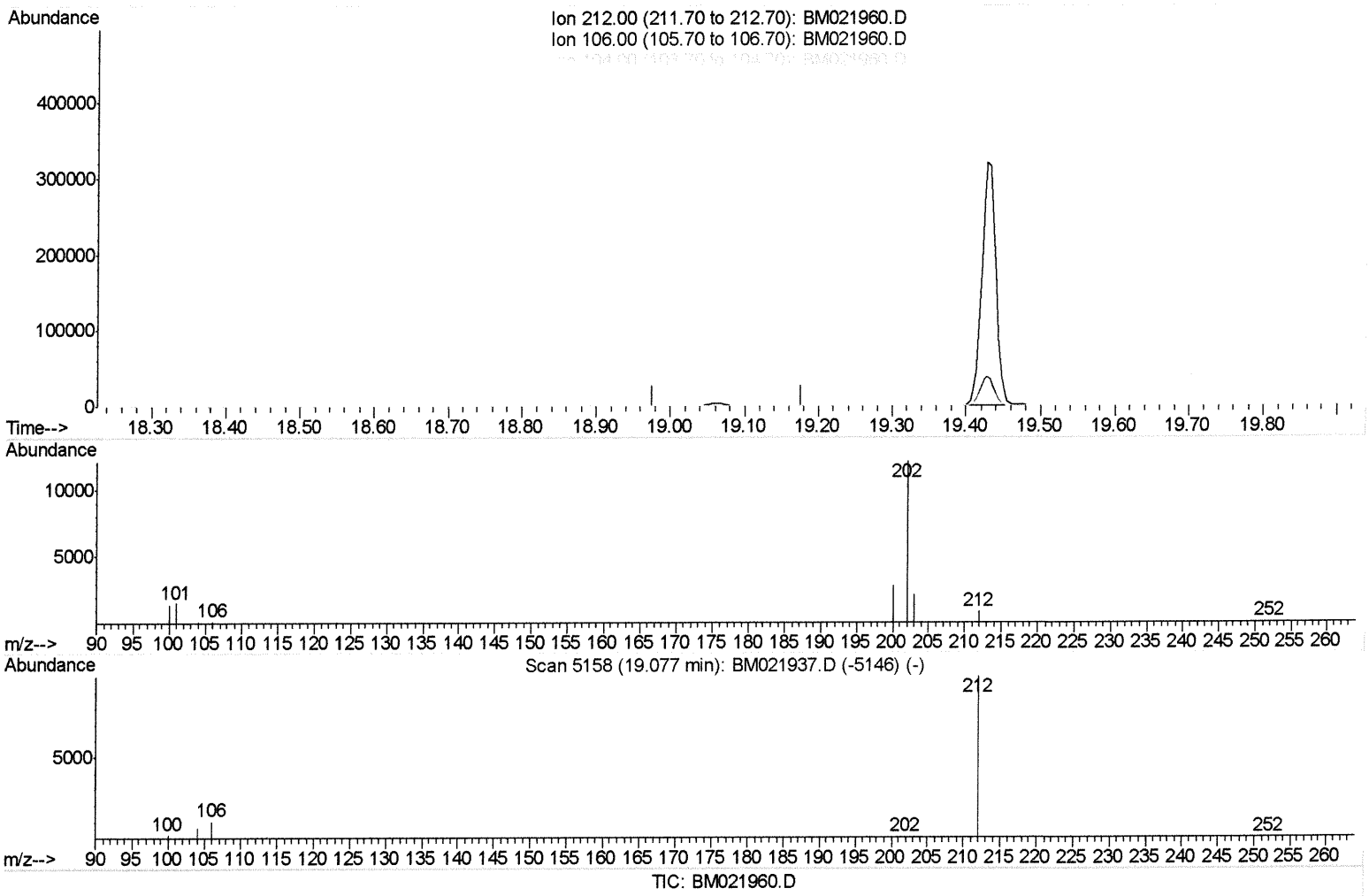
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021960.D
Acq On : 09 Aug 2019 08:42
Operator : HP/JU
Sample : K4029-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 09 13:00:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BENX5

Manual Integrations APPROVED
Sohil
8/13/2019 8:30:13 AM



TIC: BM021960.D

(14) Fluoranthene-d10 (SURR)

19.077min (-19.077) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	9.90	0.00#
104.00	6.00	0.00#
0.00	0.00	0.00

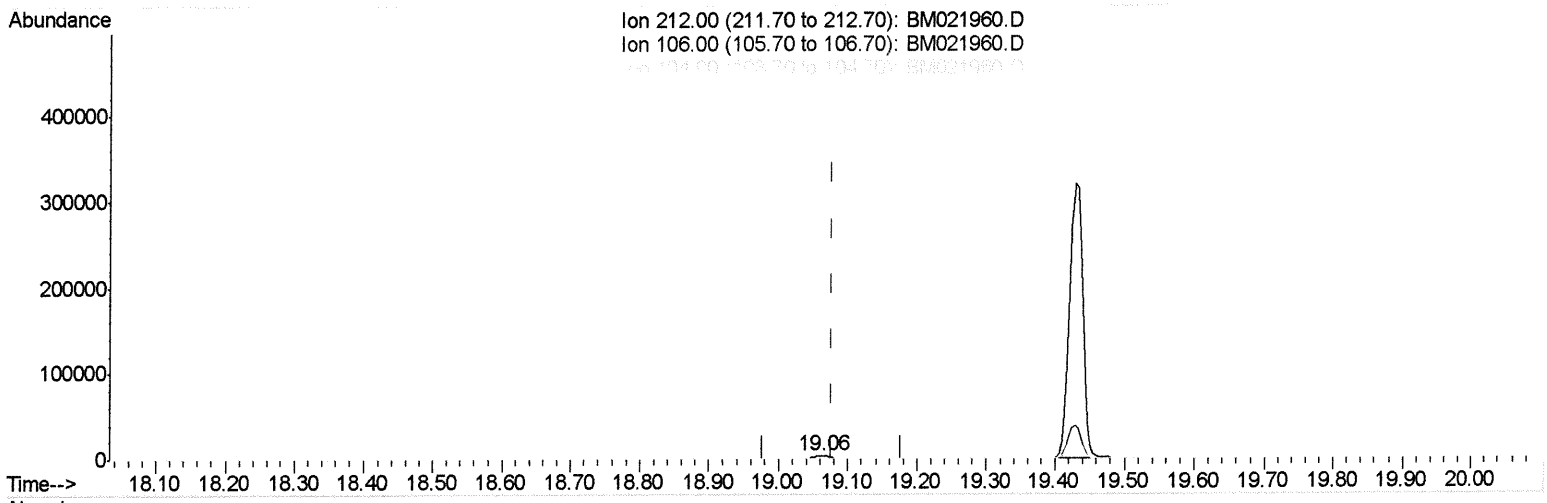
Quantitation Report (Qedit)

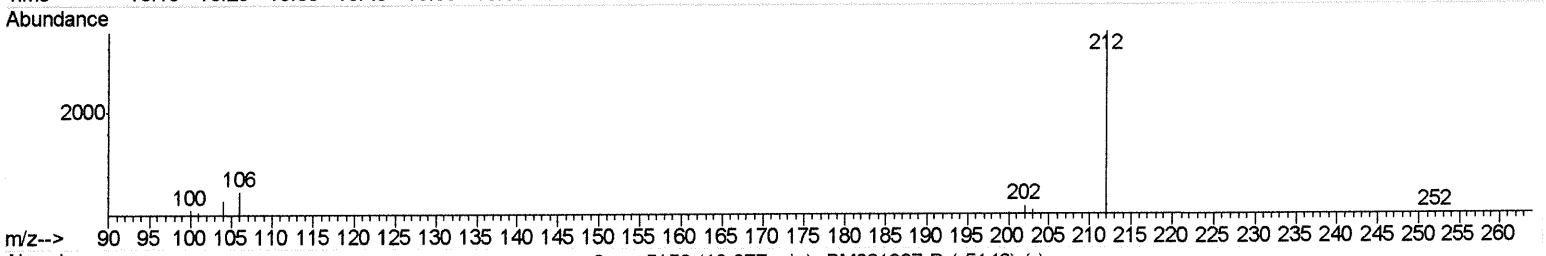
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021960.D
Acq On : 09 Aug 2019 08:42
Operator : HP/JU
Sample : K4029-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

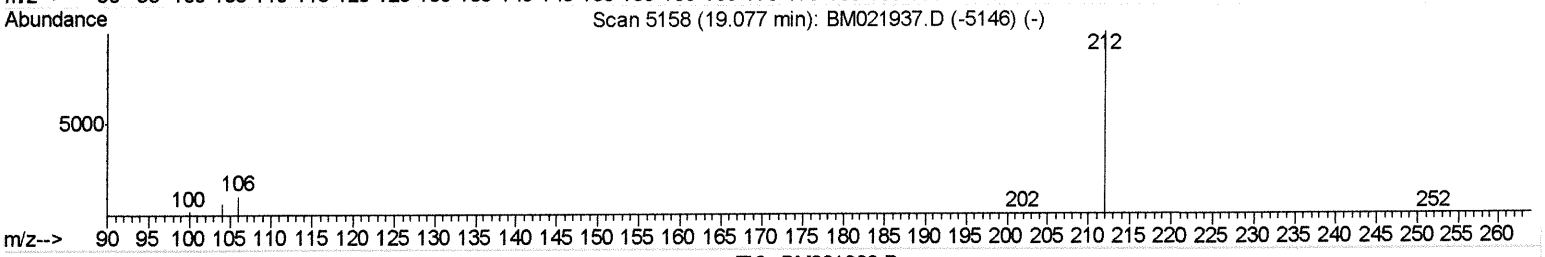
Quant Time: Aug 09 13:00:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BENX5

Manual Integrations APPROVED
Sohil
8/13/2019 8:30:13 AM







TIC: BM021960.D

(14) Fluoranthene-d10 (SURR) JU 08/09/19

19.062min (-0.015) 0.27ng/ul m

response 4814

Ion	Exp%	Act%
212.00	100	100
106.00	9.90	0.00#
104.00	6.00	0.00#
0.00	0.00	0.00

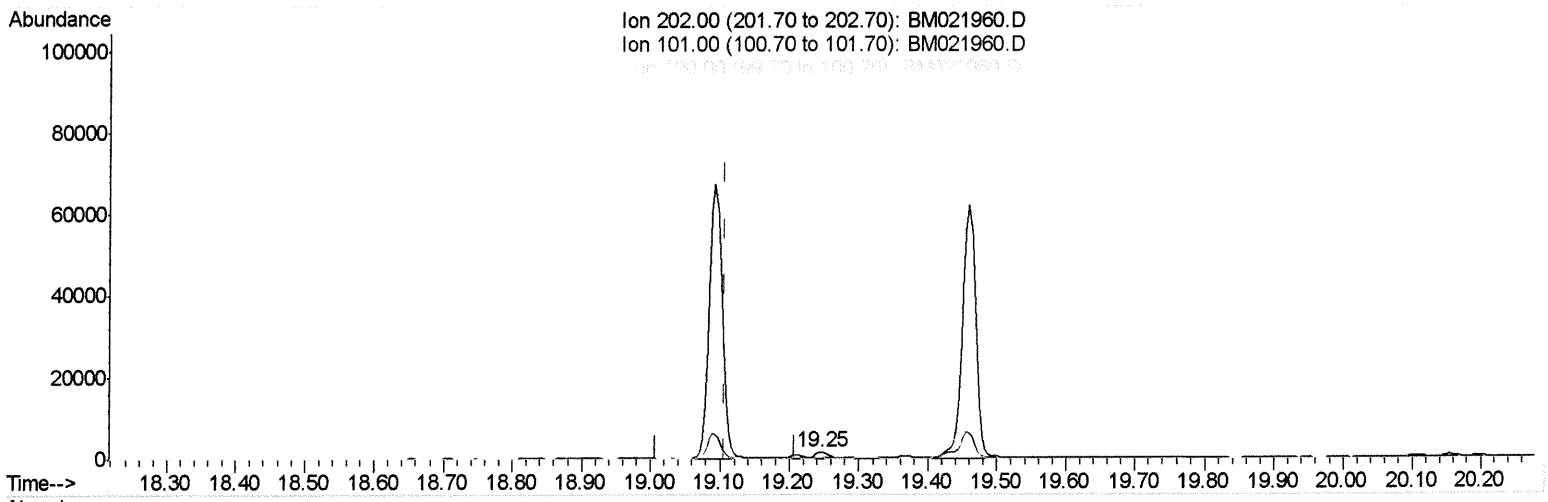
Quantitation Report (Qedit)

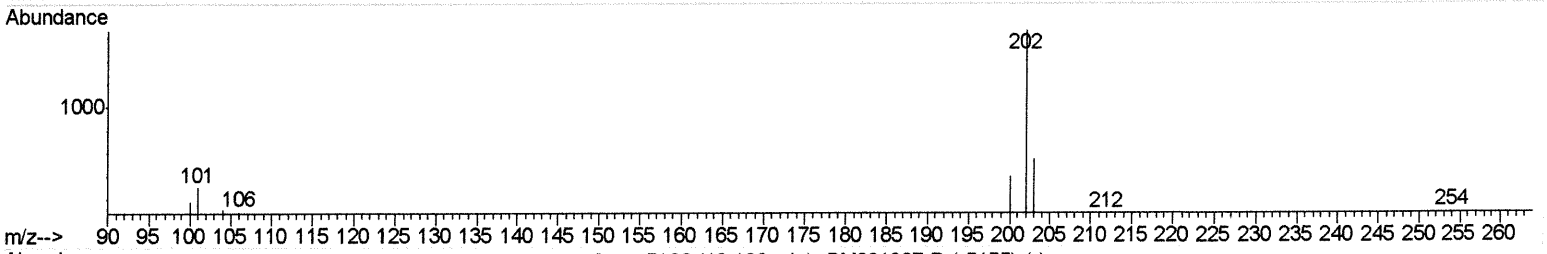
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021960.D
Acq On : 09 Aug 2019 08:42
Operator : HP/JU
Sample : K4029-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

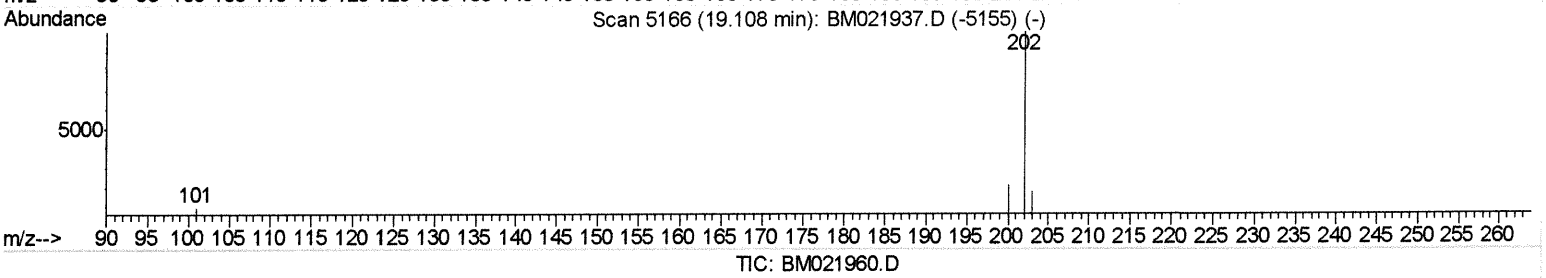
Quant Time: Aug 09 13:00:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BENX5

Manual Integrations APPROVED
Sohil
8/13/2019 8:30:13 AM







(15) Fluoranthene (C)

19.245min (+0.137) 0.09ng/ul

response 1855

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	18.47
100.00	8.10	11.03
0.00	0.00	0.00

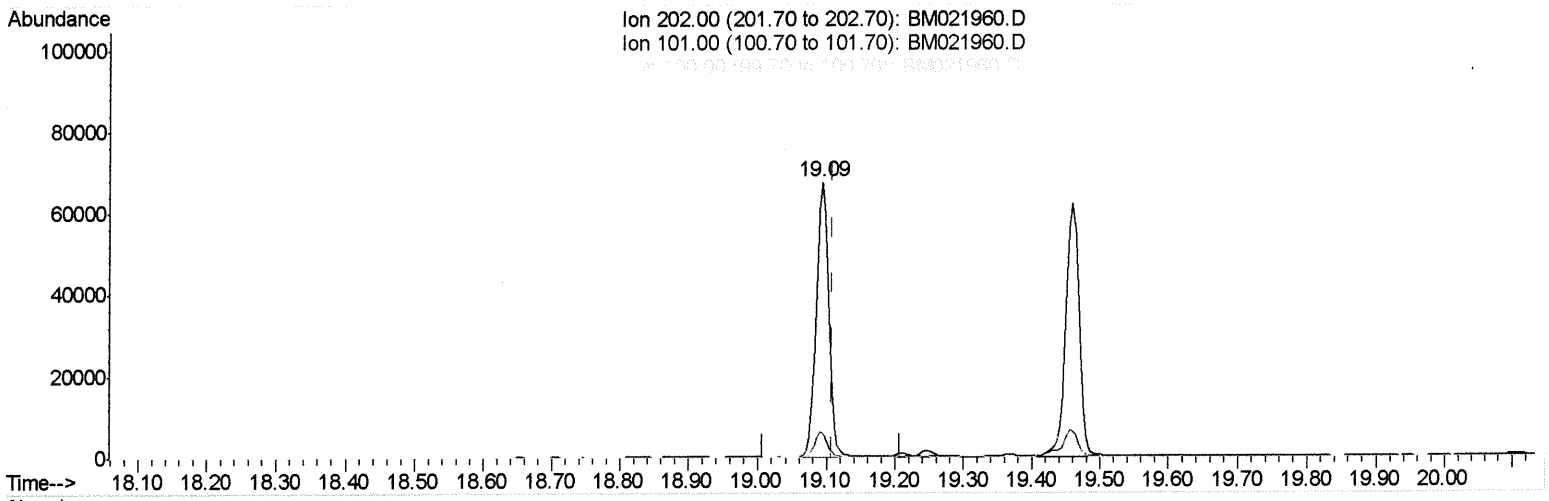
Quantitation Report (Qedit)

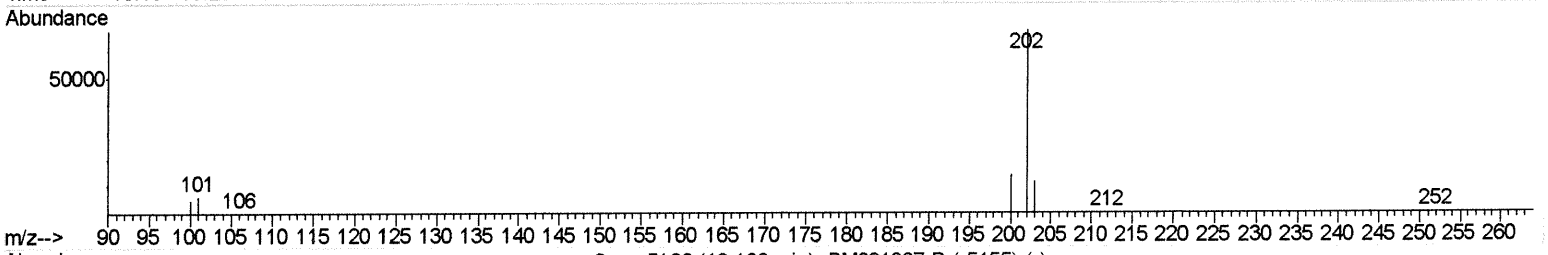
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021960.D
Acq On : 09 Aug 2019 08:42
Operator : HP/JU
Sample : K4029-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

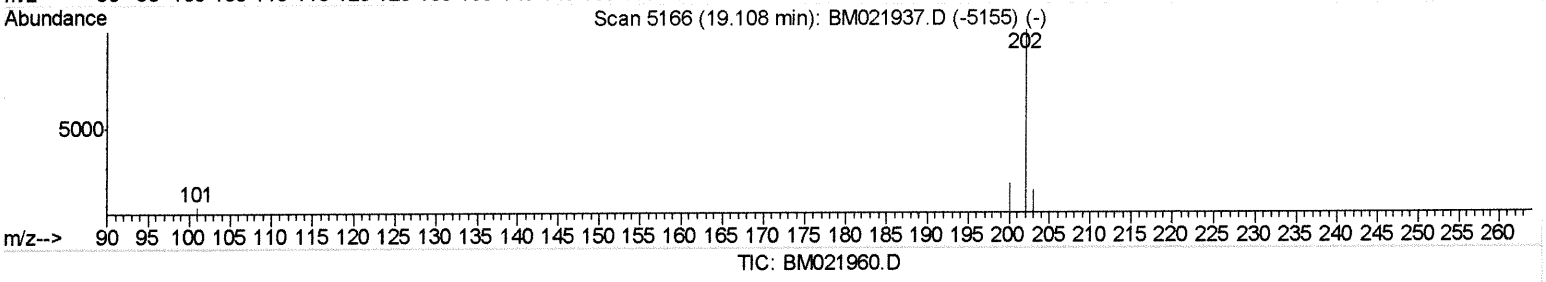
Quant Time: Aug 09 13:00:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BENX5

Manual Integrations APPROVED
Sohil
8/13/2019 8:30:13 AM







TIC: BM021960.D

(15) Fluoranthene (C)

19.093min (-0.015) 4.25ng/ul m JU 08/09/19

response 86920

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	9.03
100.00	8.10	7.07
0.00	0.00	0.00

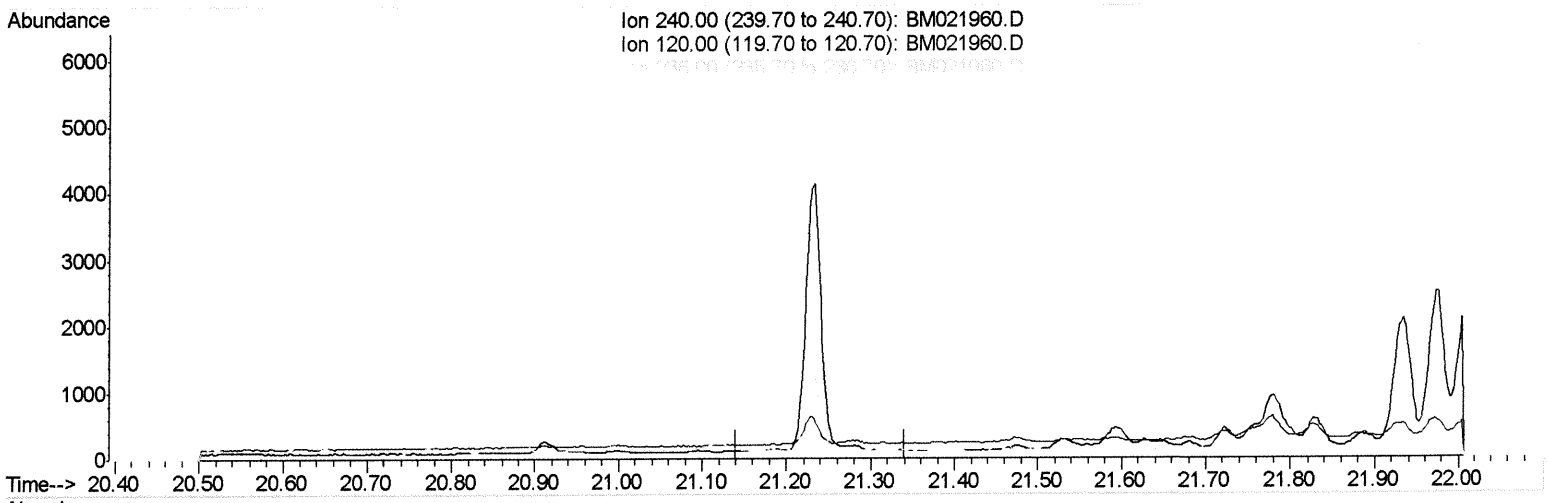
Quantitation Report (Qedit)

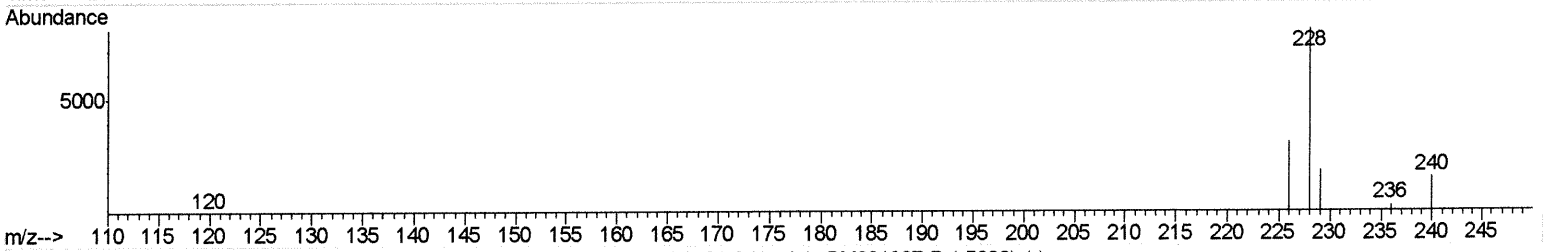
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021960.D
Acq On : 09 Aug 2019 08:42
Operator : HP/JU
Sample : K4029-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

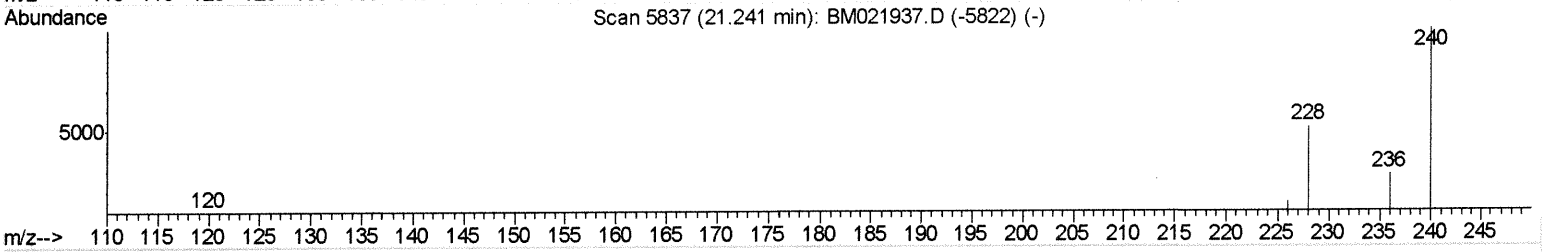
Quant Time: Aug 09 13:00:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BENX5

Manual Integrations APPROVED
Sohil
8/13/2019 8:30:13 AM







TIC: BM021960.D

(16) Chrysene-d12 (I)

21.241min (-21.241) 0.00ng/ul

response 0

Ion	Exp%	Act%
240.00	100	0.00
120.00	16.20	0.00#
236.00	32.30	0.00#
0.00	0.00	0.00

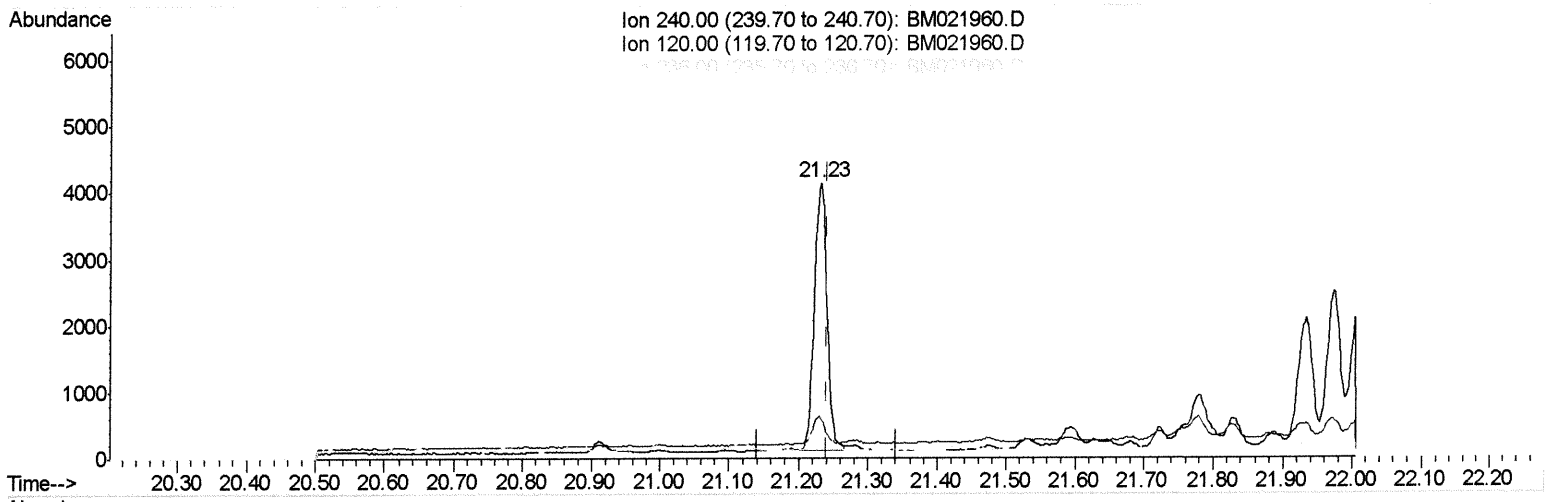
Quantitation Report (Qedit)

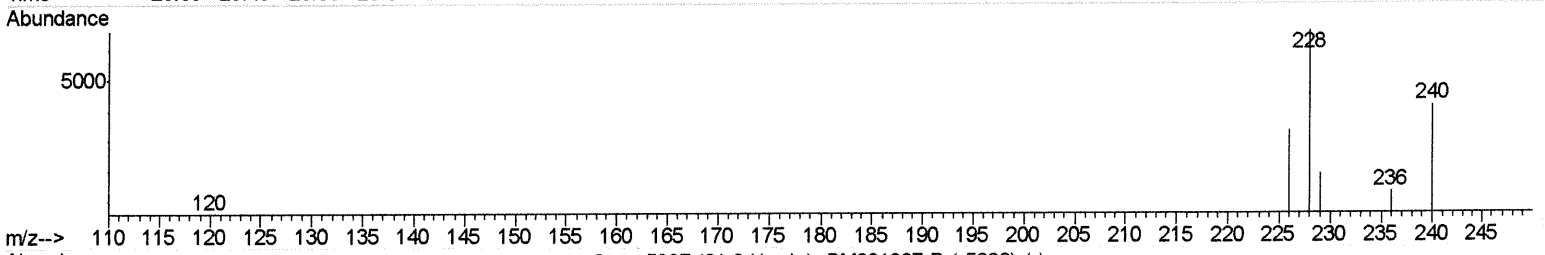
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021960.D
Acq On : 09 Aug 2019 08:42
Operator : HP/JU
Sample : K4029-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

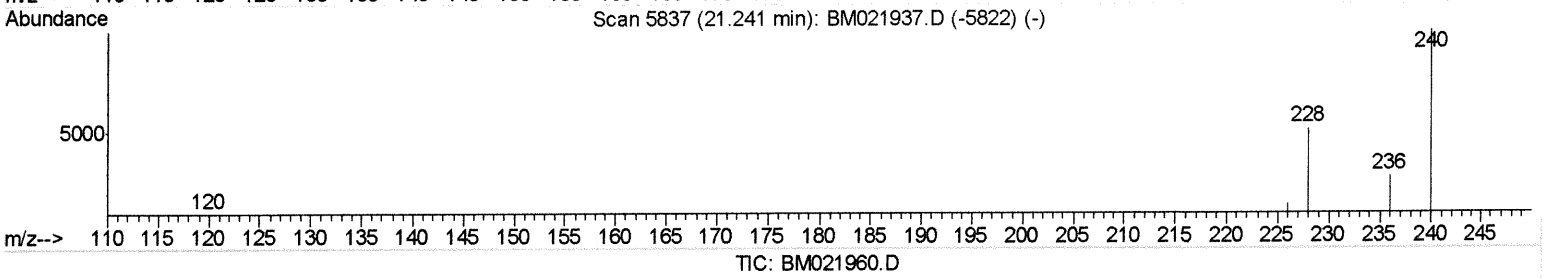
Quant Time: Aug 09 13:00:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BENX5

Manual Integrations APPROVED
Sohil
8/13/2019 8:30:13 AM







TIC: BM021960.D

(16) Chrysene-d12 (I)

21.232min (-0.010) 0.40ng/ul m JU 08/09/19

response 5080

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	14.50
236.00	32.30	30.97
0.00	0.00	0.00

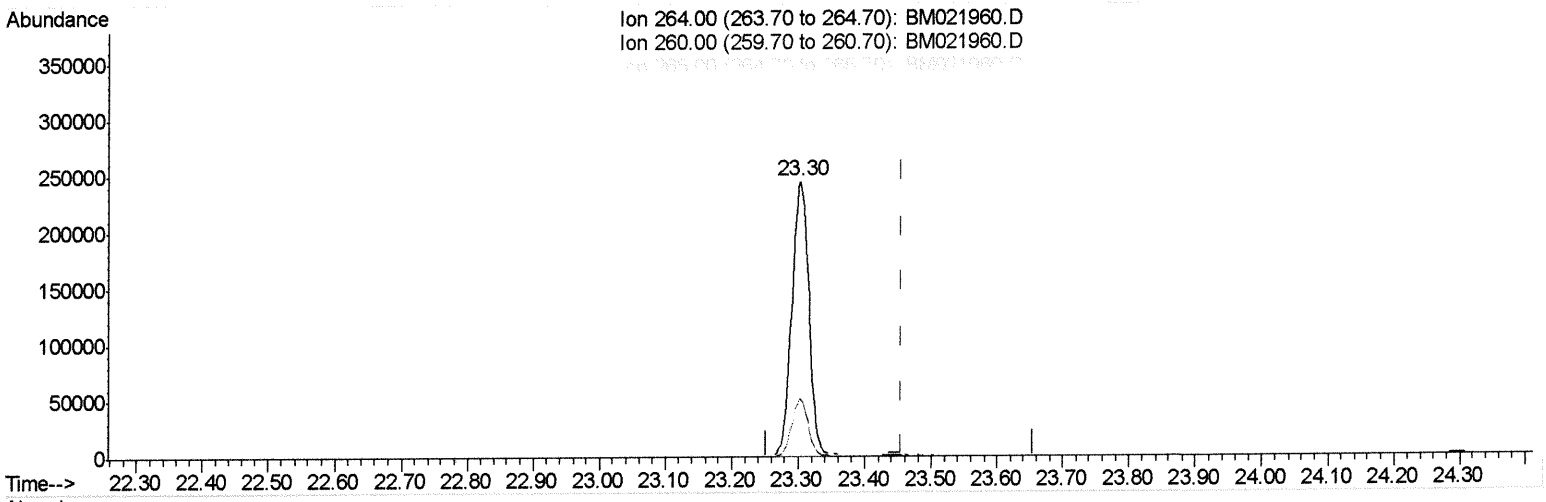
Quantitation Report (Qedit)

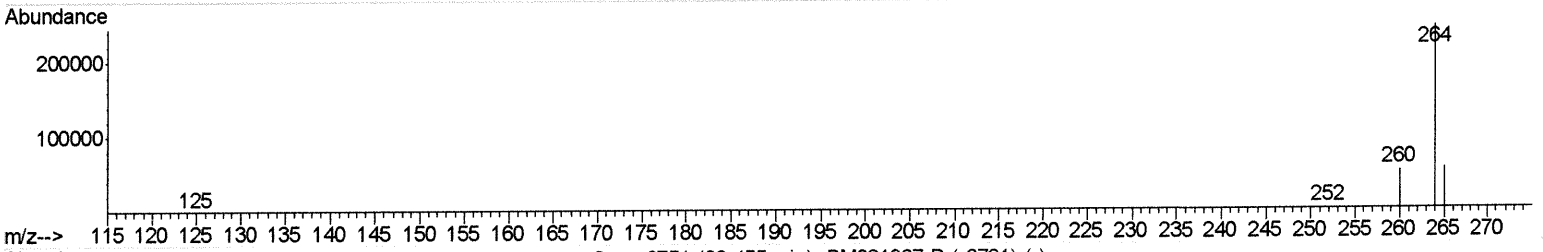
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021960.D
Acq On : 09 Aug 2019 08:42
Operator : HP/JU
Sample : K4029-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

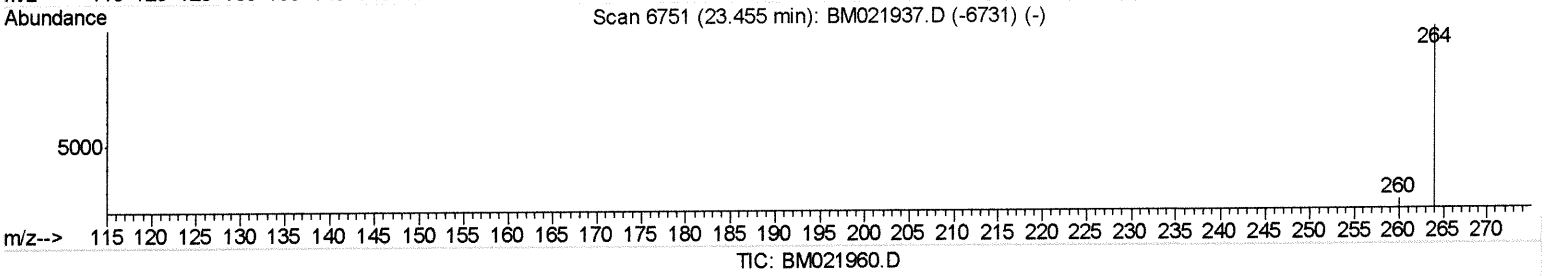
Quant Time: Aug 09 13:07:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BENX5

Manual Integrations APPROVED
Sohil
8/13/2019 8:30:13 AM







(20) Perylene-d12 (I)

23.302min (-0.153) 0.40ng/ul

response 436002

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	20.92#
265.00	117.00	21.96#
0.00	0.00	0.00

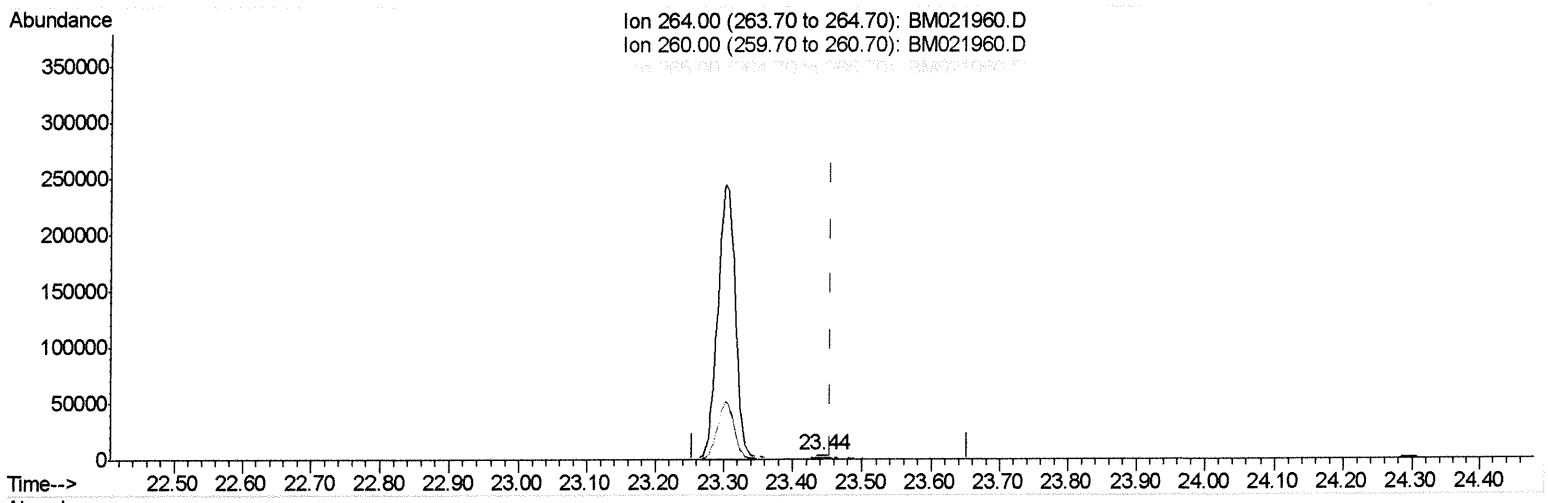
Quantitation Report (Qedit)

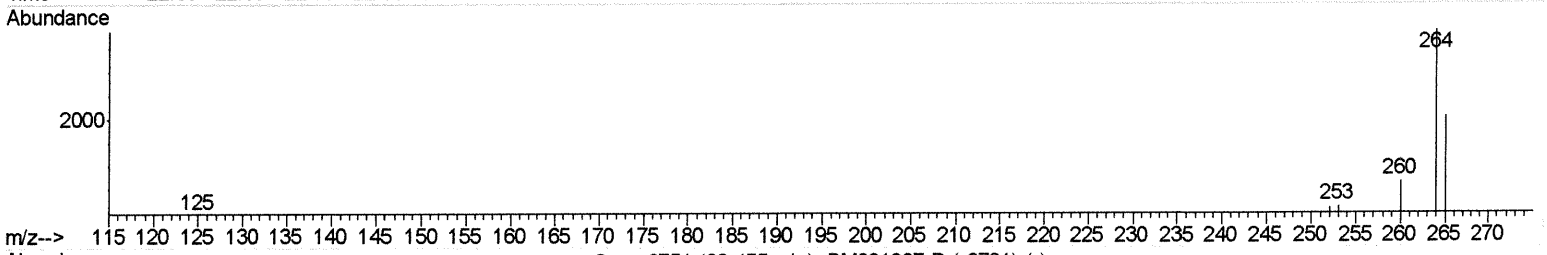
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021960.D
Acq On : 09 Aug 2019 08:42
Operator : HP/JU
Sample : K4029-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

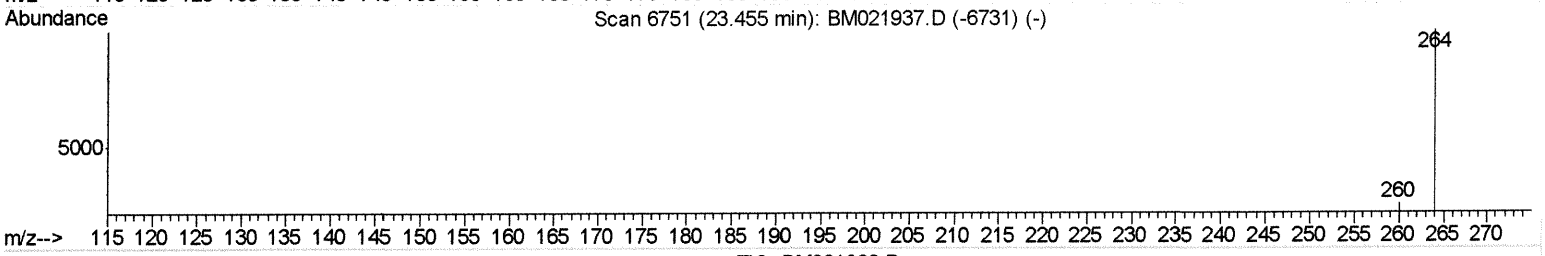
Quant Time: Aug 09 13:07:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BENX5

Manual Integrations APPROVED
Sohil
8/13/2019 8:30:13 AM







TIC: BM021960.D

(20) Perylene-d12 (I)

23.443min (-0.012) 0.40ng/ul m JU 08/09/19

response 5019

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	26.91
265.00	117.00	58.08#
0.00	0.00	0.00

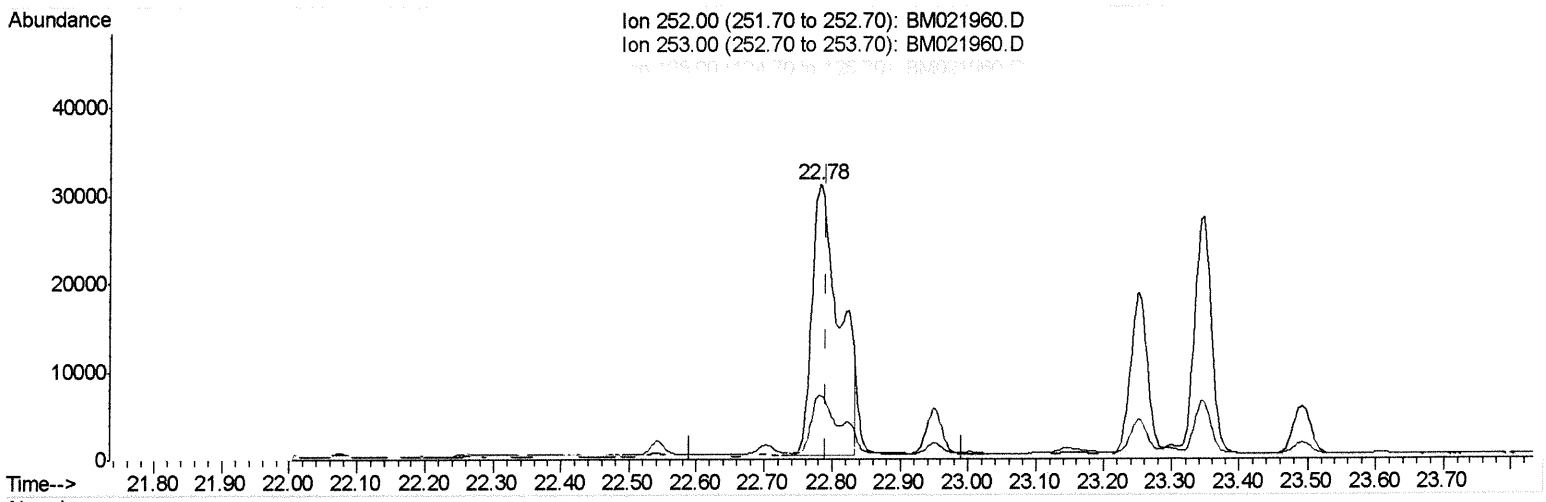
Quantitation Report (Qedit)

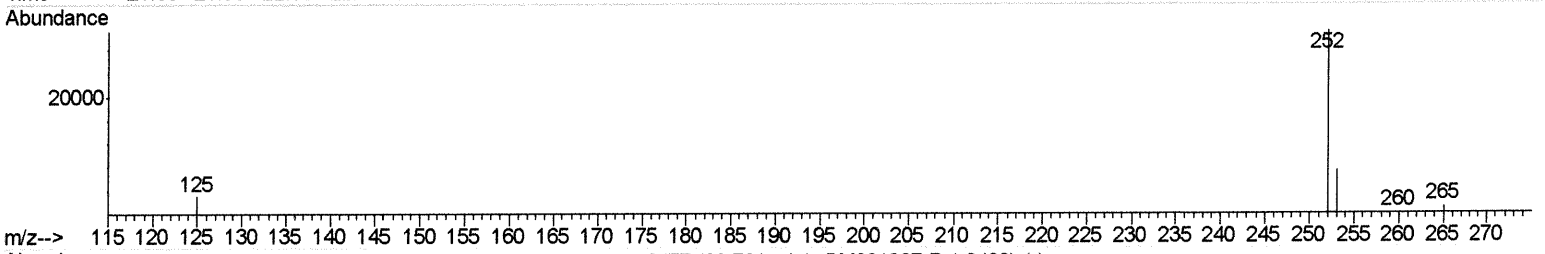
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021960.D
Acq On : 09 Aug 2019 08:42
Operator : HP/JU
Sample : K4029-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

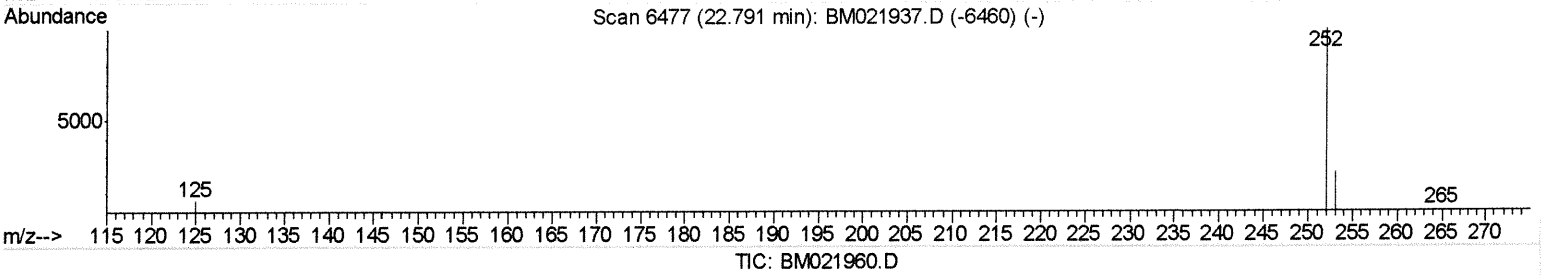
Quant Time: Aug 09 13:07:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BENX5

Manual Integrations APPROVED
Sohil
8/13/2019 8:30:13 AM







TIC: BM021960.D

(21) Benzo(b)fluoranthene

22.781min (-0.010) 5.05ng/ul

response 85433

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	23.39
125.00	15.50	9.65
0.00	0.00	0.00

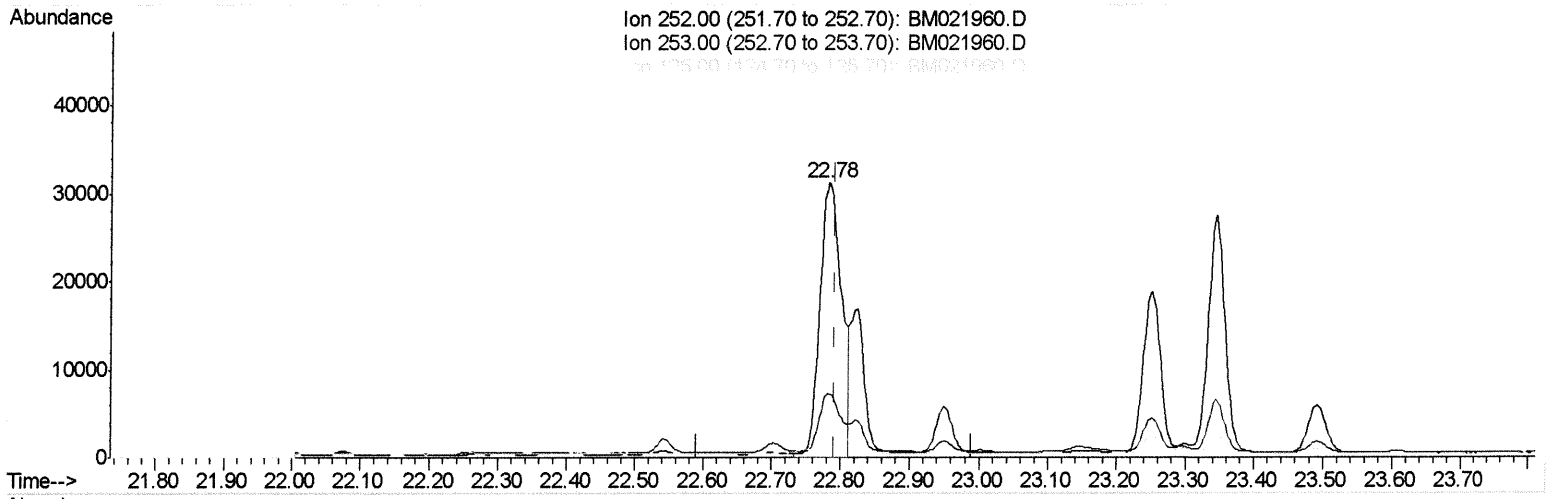
Quantitation Report (Qedit)

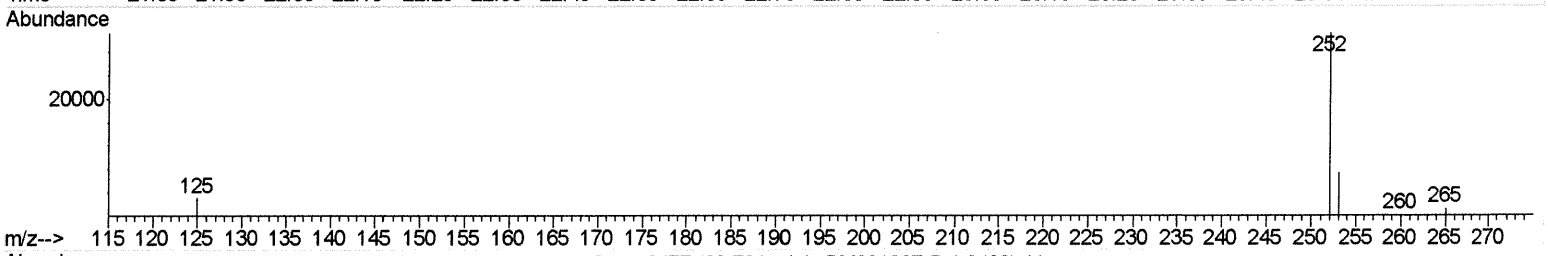
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021960.D
Acq On : 09 Aug 2019 08:42
Operator : HP/JU
Sample : K4029-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

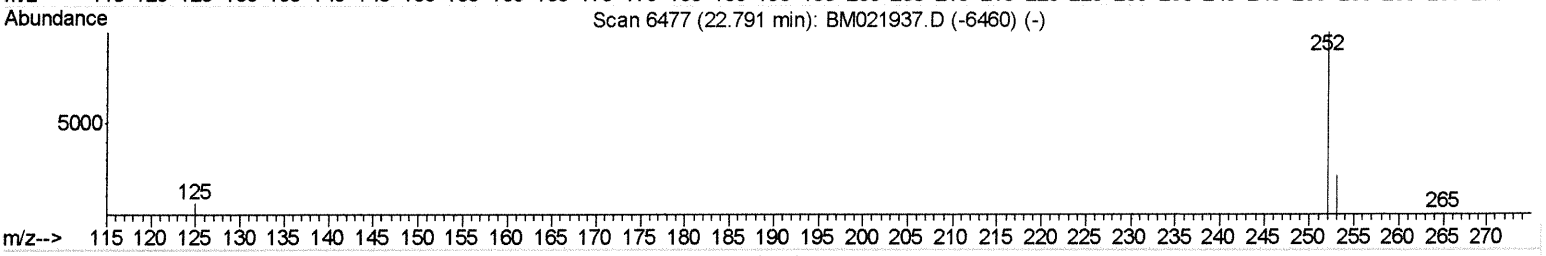
Quant Time: Aug 09 13:07:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BENX5

Manual Integrations APPROVED
Sohil
8/13/2019 8:30:13 AM







TIC: BM021960.D

(21) Benzo(b)fluoranthene

22.781min (-0.010) 4.02ng/ul m JU 08/09/19

response 68078

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	23.39
125.00	15.50	9.65
0.00	0.00	0.00

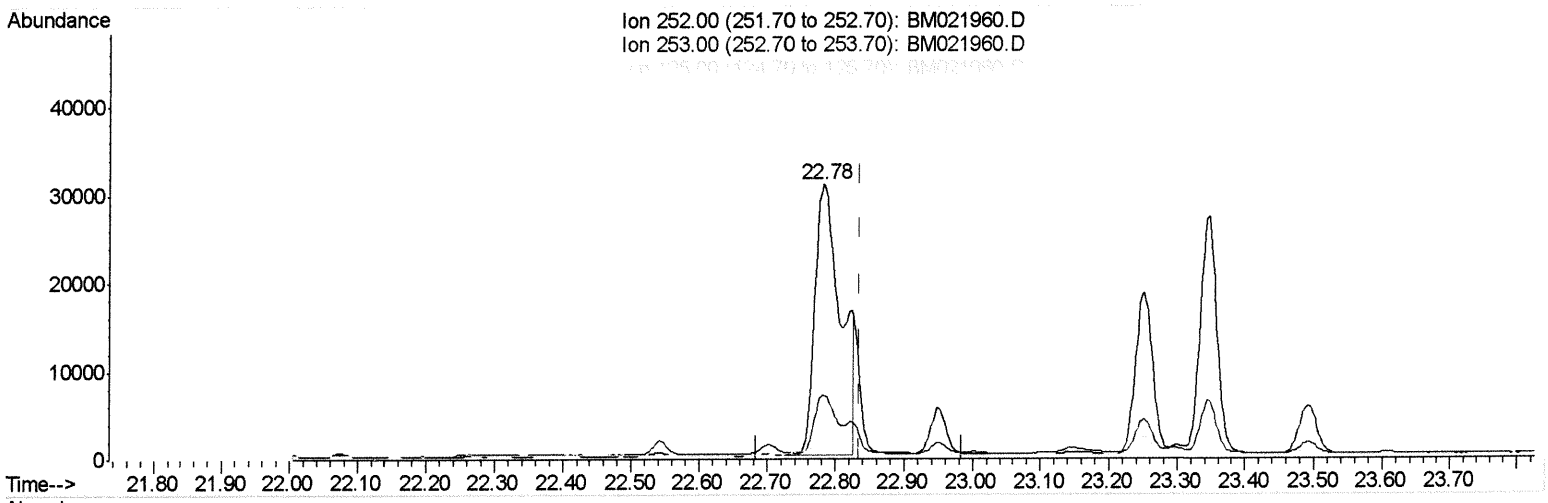
Quantitation Report (Qedit)

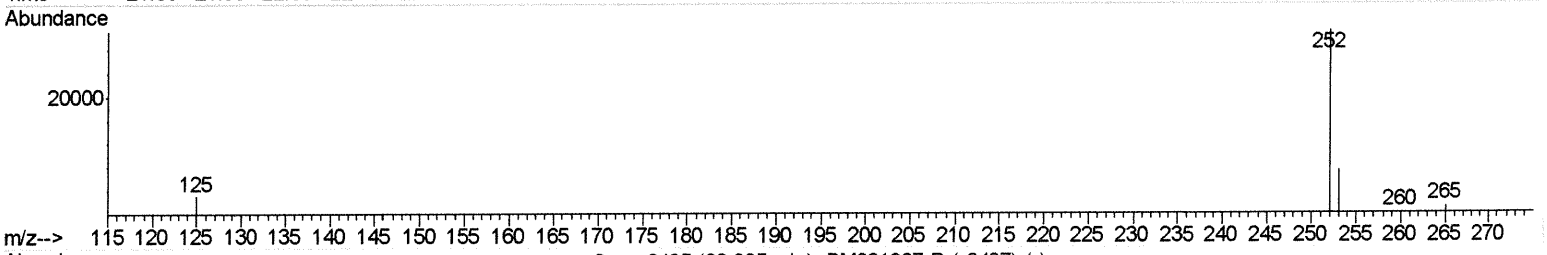
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021960.D
Acq On : 09 Aug 2019 08:42
Operator : HP/JU
Sample : K4029-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

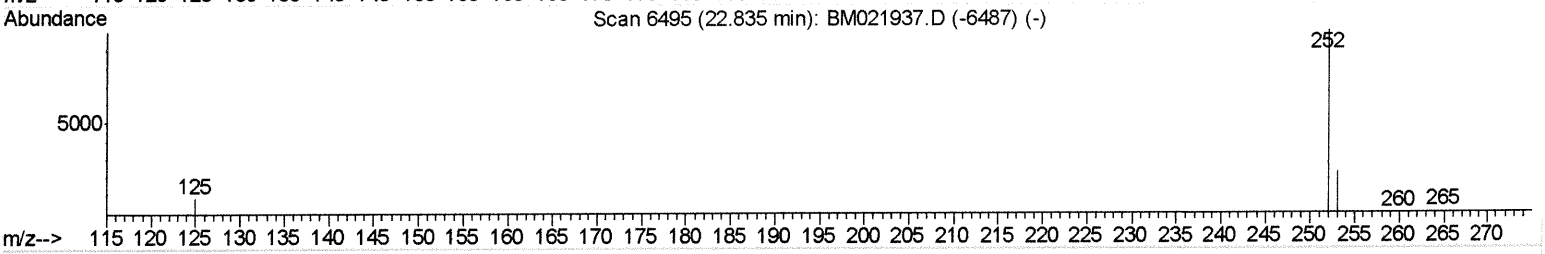
Quant Time: Aug 09 13:07:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BENX5

Manual Integrations APPROVED
Sohil
8/13/2019 8:30:13 AM







TIC: BM021960.D

(22) Benzo(k)fluoranthene

22.781min (-0.053) 4.17ng/ul

response 79960

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	23.39#
125.00	15.20	9.65#
0.00	0.00	0.00

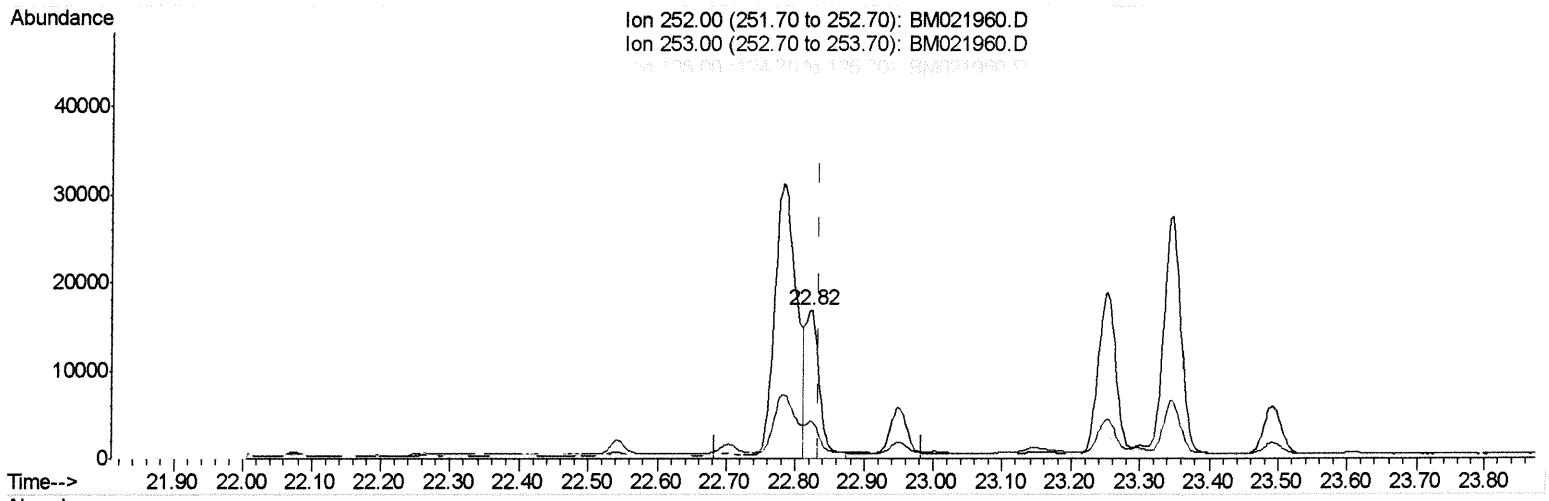
Quantitation Report (Qedit)

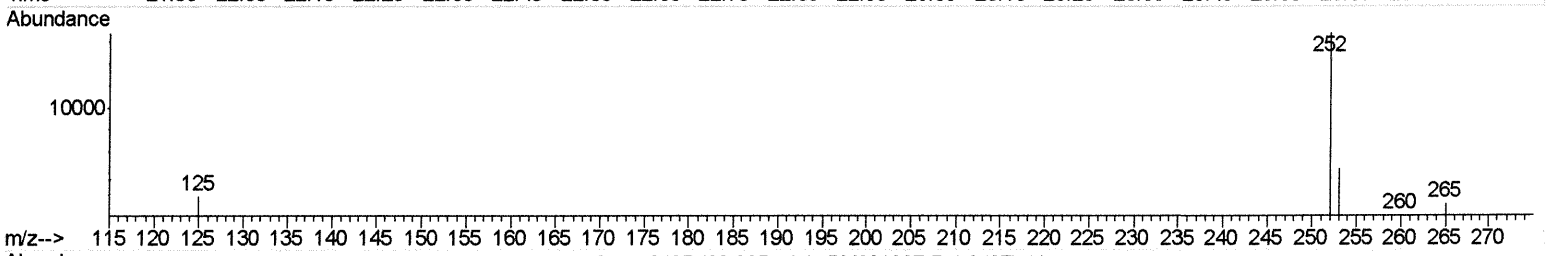
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021960.D
Acq On : 09 Aug 2019 08:42
Operator : HP/JU
Sample : K4029-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

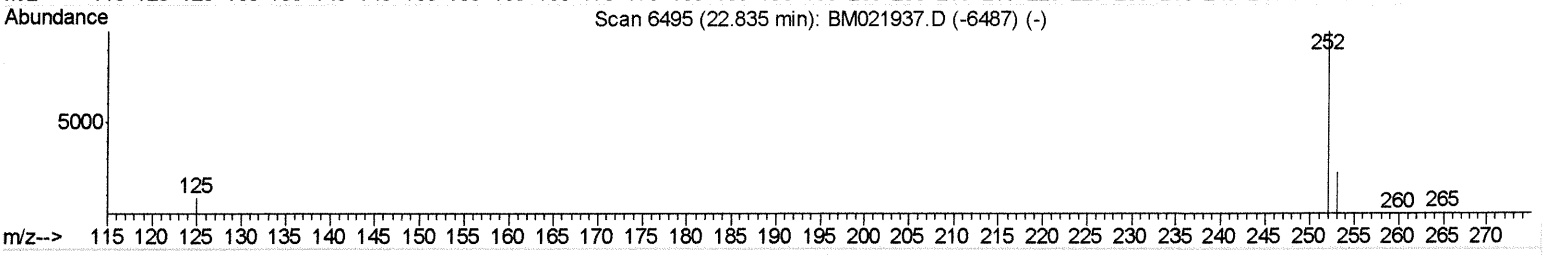
Quant Time: Aug 09 13:07:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BENX5

Manual Integrations APPROVED
Sohil
8/13/2019 8:30:13 AM







TIC: BM021960.D

(22) Benzo(k)fluoranthene

22.822min (-0.012) 1.31ng/ul m JU 08/09/19

response 25028

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	25.63#
125.00	15.20	11.15#
0.00	0.00	0.00

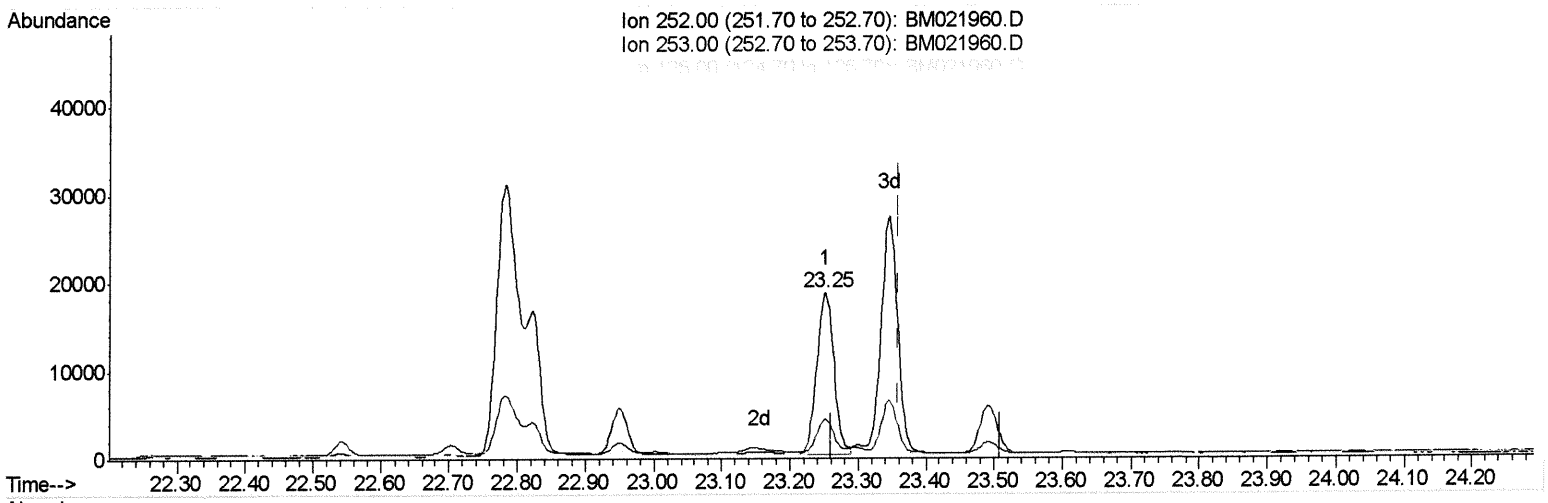
Quantitation Report (Qedit)

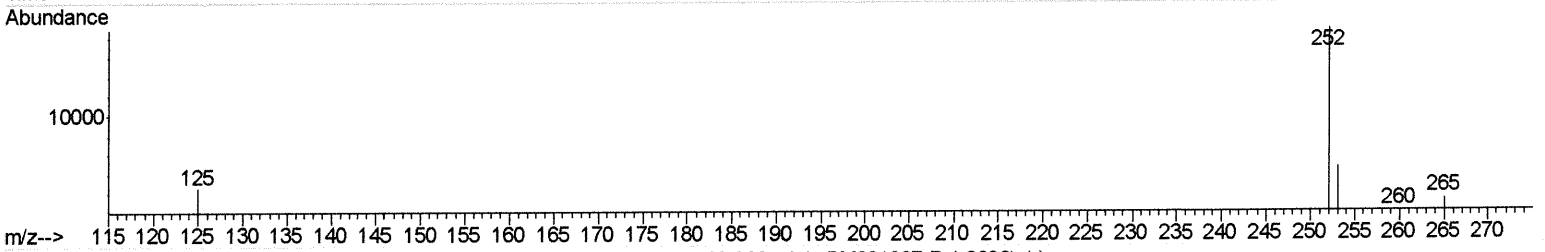
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021960.D
Acq On : 09 Aug 2019 08:42
Operator : HP/JU
Sample : K4029-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

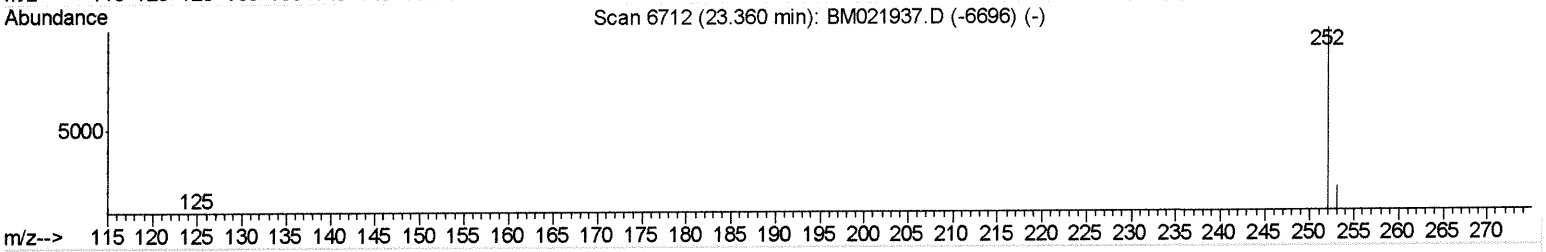
Quant Time: Aug 09 13:07:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BENX5

Manual Integrations APPROVED
Sohil
8/13/2019 8:30:13 AM







TIC: BM021960.D

(23) Benzo(a)pyrene (C)

23.251min (-0.109) 1.92ng/ul

response 33089

Ion	Exp%	Act%
252.00	100	100
253.00	39.60	24.28#
125.00	18.20	13.32#
0.00	0.00	0.00

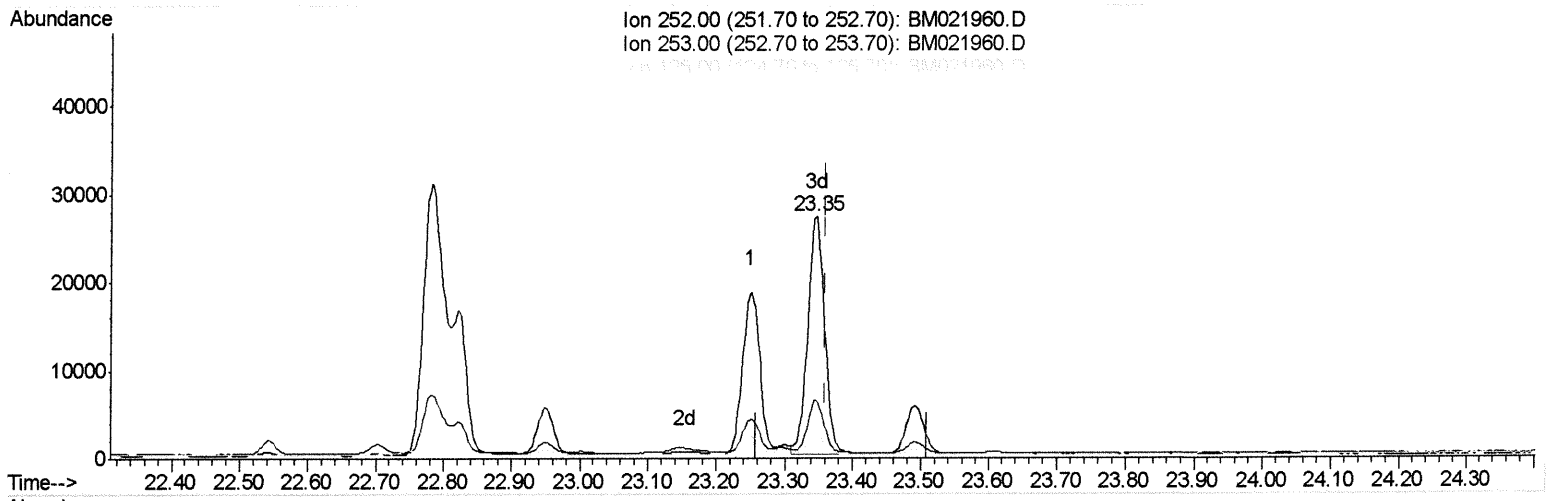
Quantitation Report (Qedit)

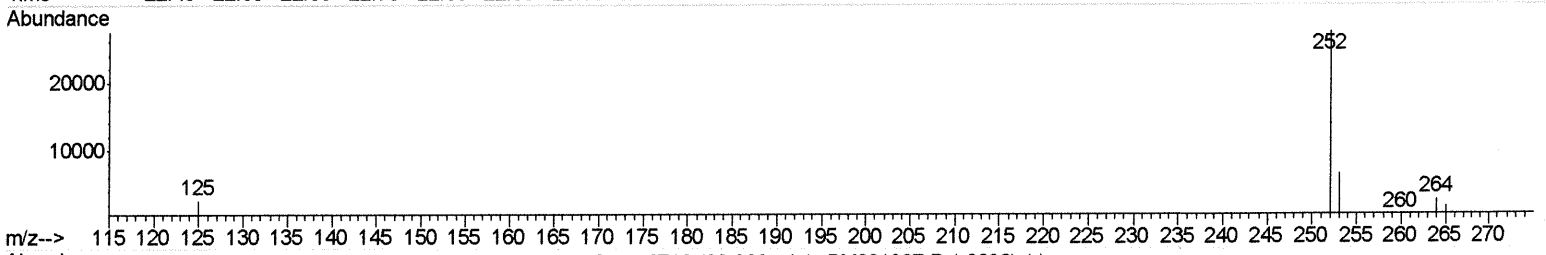
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021960.D
Acq On : 09 Aug 2019 08:42
Operator : HP/JU
Sample : K4029-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

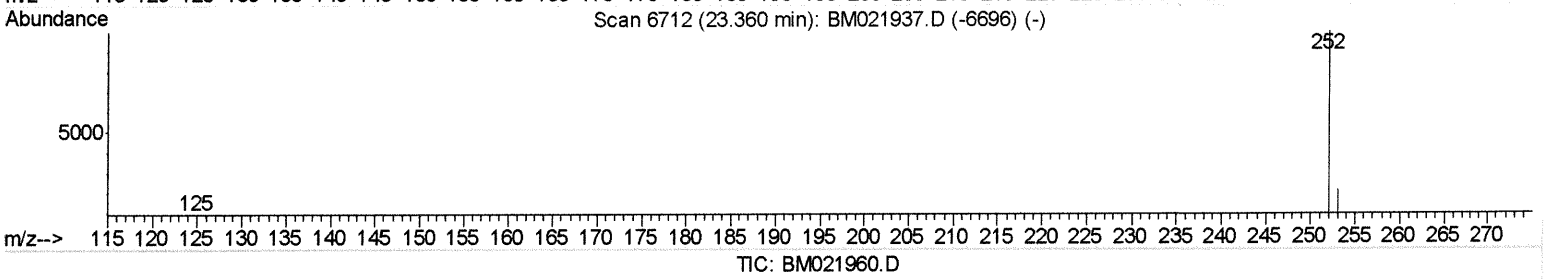
Quant Time: Aug 09 13:07:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BENX5

Manual Integrations APPROVED
Sohil
8/13/2019 8:30:13 AM







(23) Benzo(a)pyrene (C)

23.346min (-0.014) 2.72ng/ul m JU 08/09/19

response 46750

Ion	Exp%	Act%
252.00	100	100
253.00	39.60	23.83#
125.00	18.20	9.88#
0.00	0.00	0.00

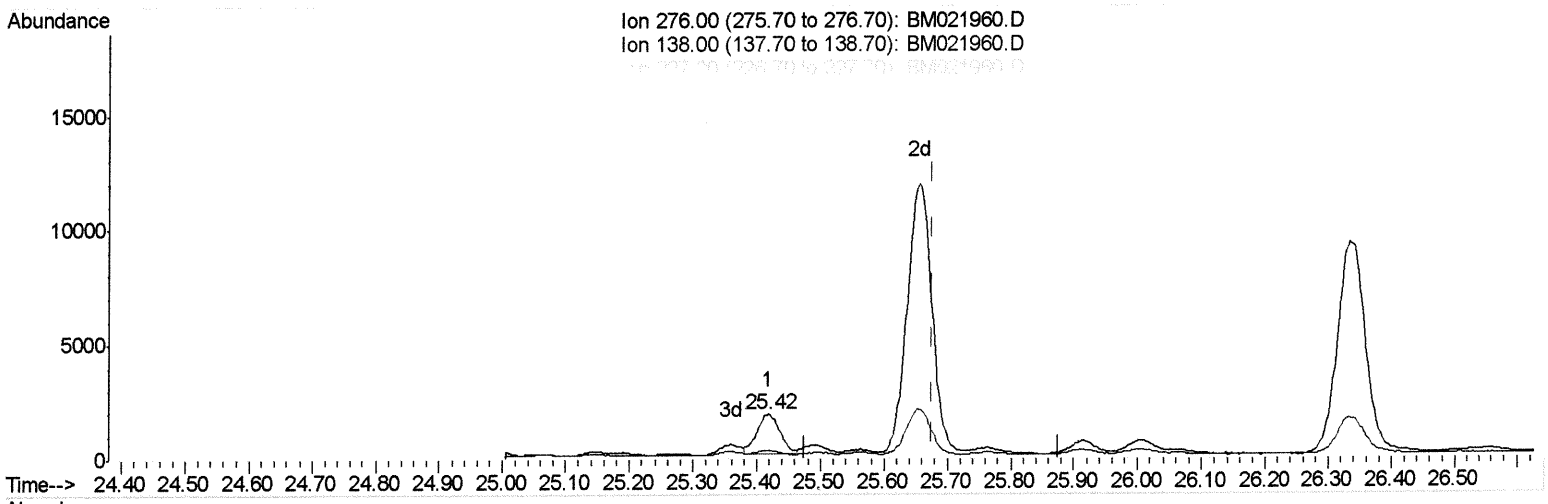
Quantitation Report (Qedit)

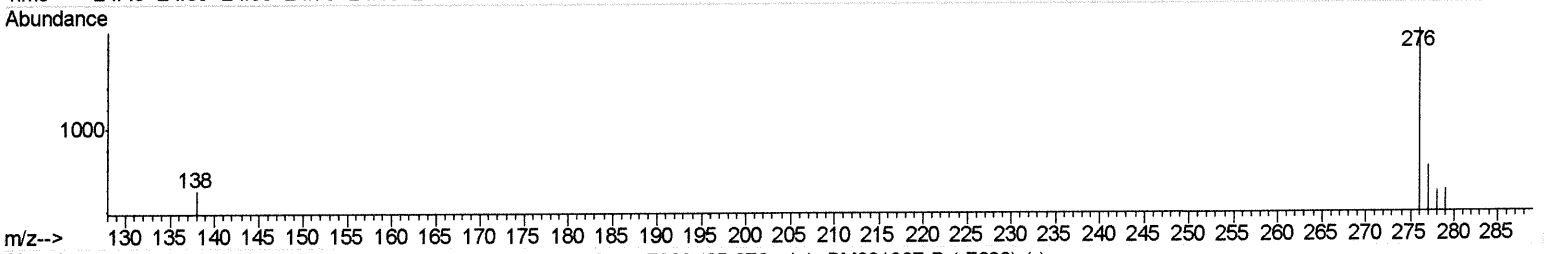
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021960.D
Acq On : 09 Aug 2019 08:42
Operator : HP/JU
Sample : K4029-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

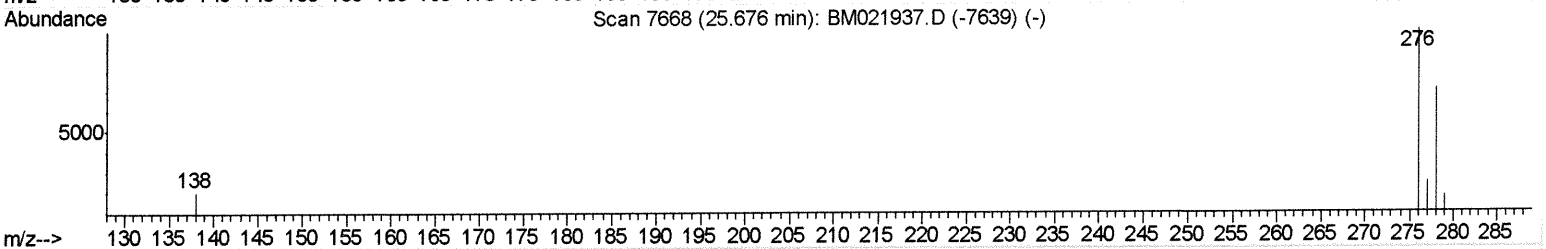
Quant Time: Aug 09 13:07:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BENX5

Manual Integrations APPROVED
Sohil
8/13/2019 8:30:13 AM







TIC: BM021960.D

(24) Indeno(1,2,3-cd)pyrene

25.420min (-0.257) 0.21ng/ul

response 4384

Ion	Exp%	Act%
276.00	100	100
138.00	18.90	10.86#
227.00	0.00	0.00
0.00	0.00	0.00

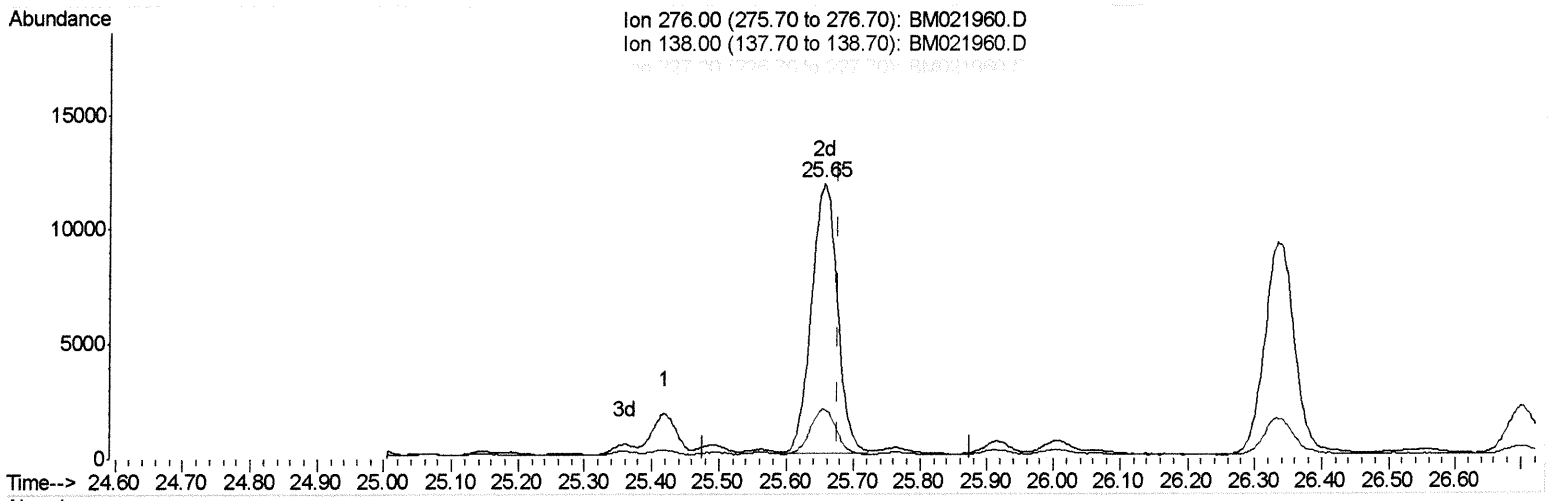
Quantitation Report (Qedit)

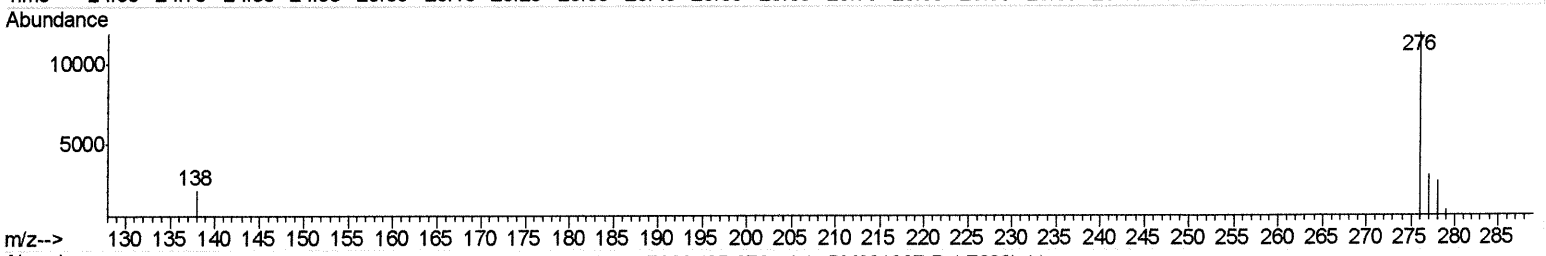
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021960.D
Acq On : 09 Aug 2019 08:42
Operator : HP/JU
Sample : K4029-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

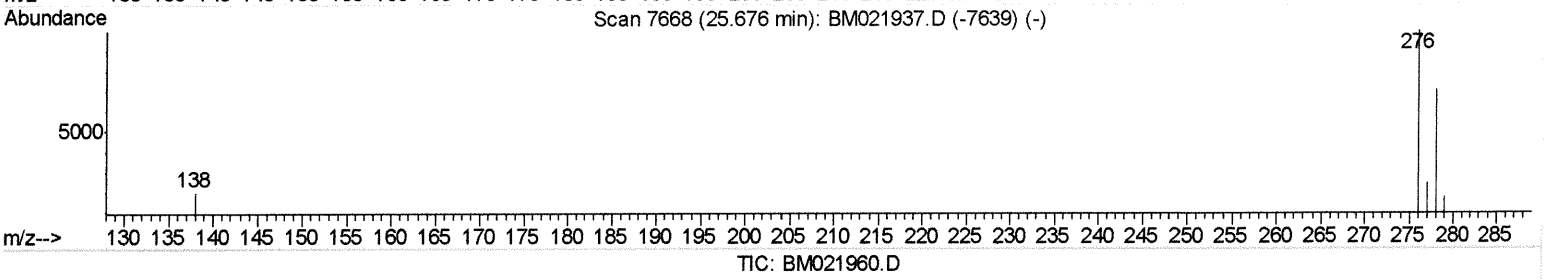
Quant Time: Aug 09 13:07:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BENX5

Manual Integrations APPROVED
Sohil
8/13/2019 8:30:13 AM







(24) Indeno(1,2,3-cd)pyrene

25.655min (-0.022) 1.56ng/ul m JU 08/09/19

response 32018

Ion	Exp%	Act%
276.00	100	100
138.00	18.90	1.49#
227.00	0.00	0.00
0.00	0.00	0.00

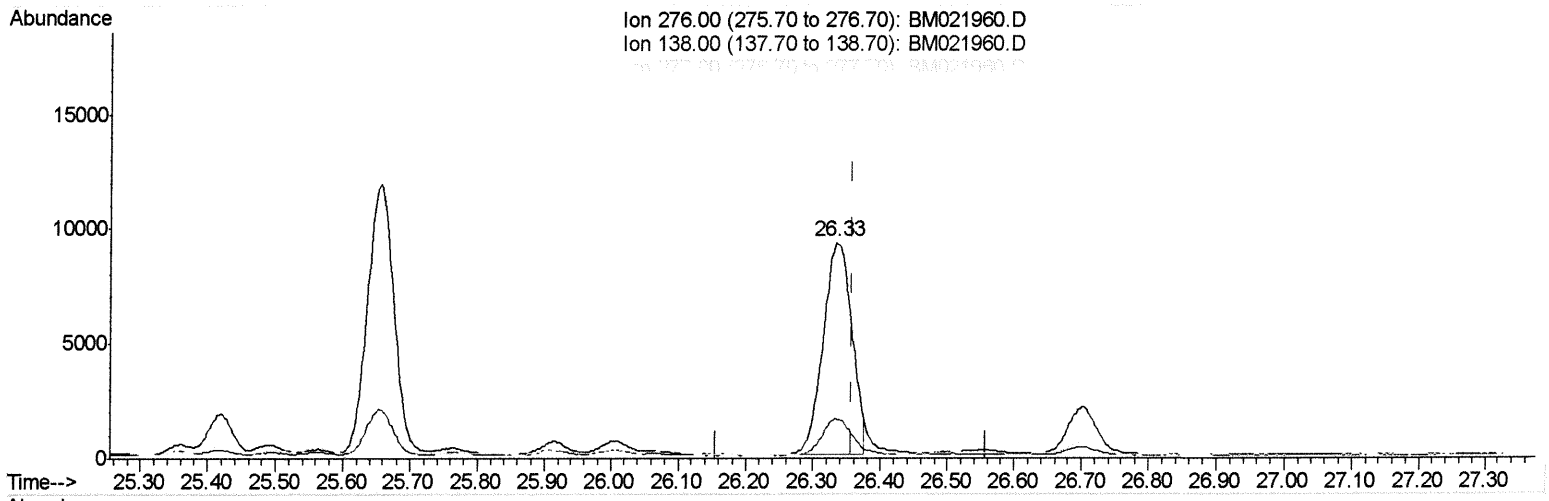
Quantitation Report (Qedit)

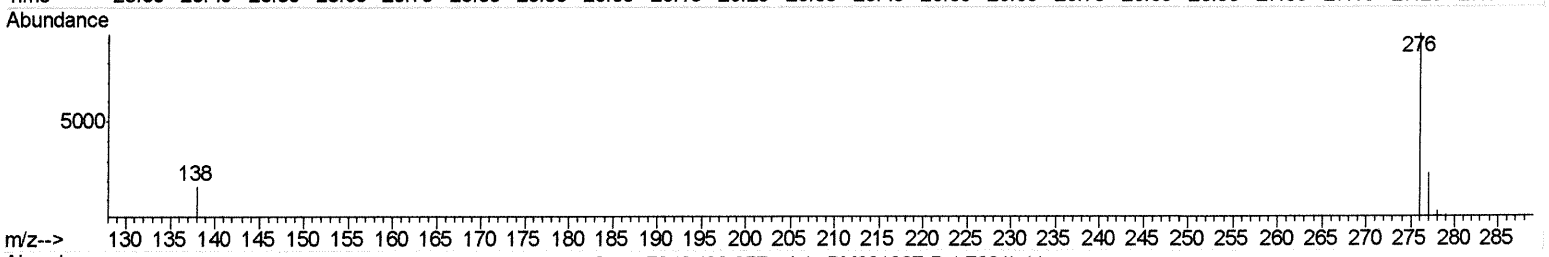
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021960.D
Acq On : 09 Aug 2019 08:42
Operator : HP/JU
Sample : K4029-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

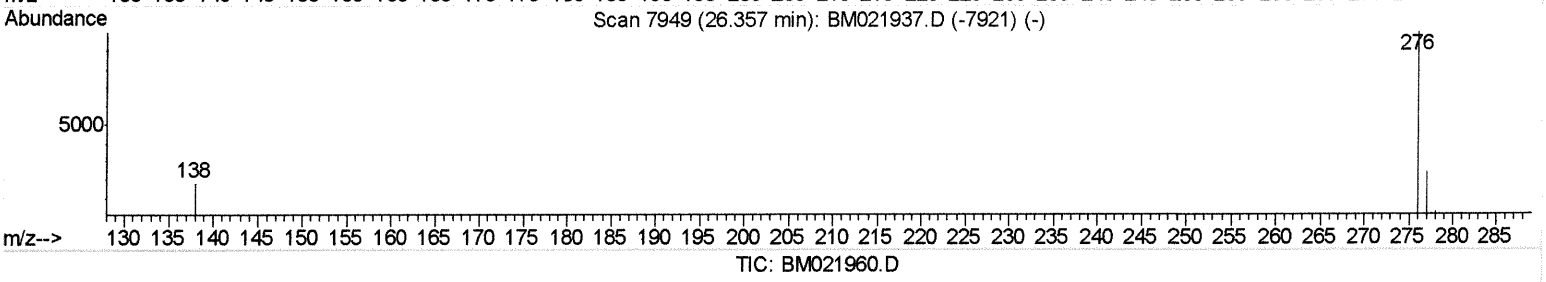
Quant Time: Aug 09 13:07:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BENX5

Manual Integrations APPROVED
Sohil
8/13/2019 8:30:13 AM







(26) Benzo(g,h,i)perylene

26.333min (-0.024) 1.48ng/ul

response 27407

Ion	Exp%	Act%
276.00	100	100
138.00	19.40	18.51
277.00	26.80	24.95
0.00	0.00	0.00

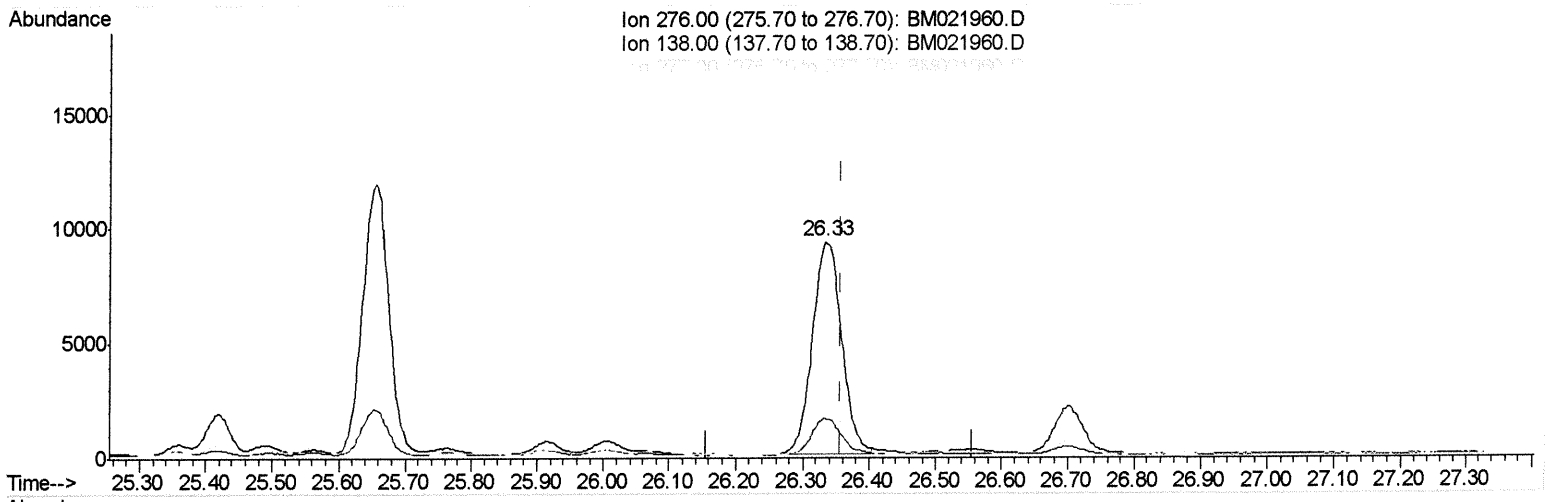
Quantitation Report (Qedit)

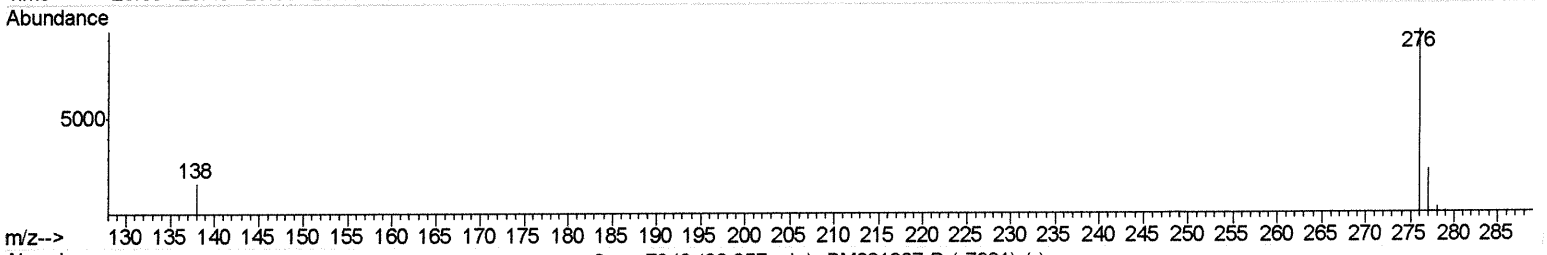
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021960.D
Acq On : 09 Aug 2019 08:42
Operator : HP/JU
Sample : K4029-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

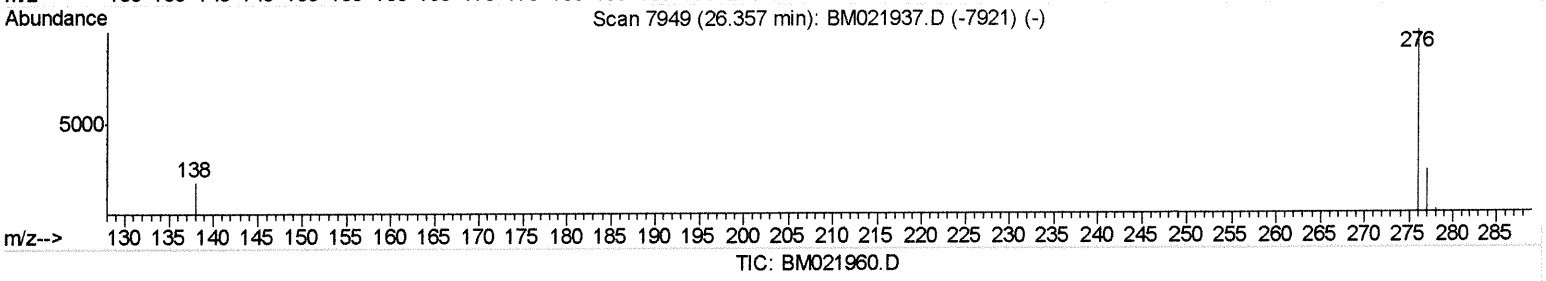
Quant Time: Aug 09 13:07:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BENX5

Manual Integrations APPROVED
Sohil
8/13/2019 8:30:13 AM







(26) Benzo(g,h,i)perylene

26.333min (-0.024) 1.55ng/ul m JU 08/09/19

response 28612

Ion	Exp%	Act%
276.00	100	100
138.00	19.40	18.51
277.00	26.80	24.95
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021960.D
Acq On : 09 Aug 2019 08:42
Operator : HP/JU
Sample : K4029-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 09 13:09:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : BENX5

Manual Integrations APPROVED
Sohil
8/13/2019 8:30:13 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	980	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.39	136	4061	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	2259	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.03	188	5242m →	0.40	ng/ul>	-0.02
16) Chrysene-d12	21.23	240	5080m →	0.40	ng/ul>	0.00
20) Perylene-d12	23.44	264	5019m →	0.40	ng/ul>	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	1751	0.26	ng/ul	-0.01
14) Fluoranthene-d10	19.06	212	4814m →	0.27	ng/ul>	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.44	128	1076	0.094	ng/ul#	90
5) 2-Methylnaphthalene	12.08	142	528	0.069	ng/ul	96
7) Acenaphthylene	13.99	152	3252	0.309	ng/ul#	77
8) Acenaphthene	14.33	153	1269	0.147	ng/ul	95
9) Fluorene	15.33	166	1630	0.170	ng/ul	96
12) Phenanthrene	17.07	178	32979m →	2.162	ng/ul>	
13) Anthracene	17.16	178	8122m →	0.624	ng/ul>	
15) Fluoranthene	19.09	202	86920m →	4.254	ng/ul	
17) Pyrene	19.46	202	82507	3.952	ng/ul	100
18) Benzo(a)anthracene	21.21	228	46423	2.555	ng/ul	99
19) Chrysene	21.27	228	51140	2.188	ng/ul	99
21) Benzo(b)fluoranthene	22.78	252	68078m →	4.022	ng/ul>	
22) Benzo(k)fluoranthene	22.82	252	25028m →	1.307	ng/ul>	
23) Benzo(a)pyrene	23.35	252	46750m →	2.716	ng/ul>	
24) Indeno(1,2,3-cd)pyrene	25.65	276	32018m →	1.558	ng/ul	
25) Dibenzo(a,h)anthracene	25.65	278	7400	0.445	ng/ul	96
26) Benzo(g,h,i)perylene	26.33	276	28612m →	1.546	ng/ul	

JU 08/09/19

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