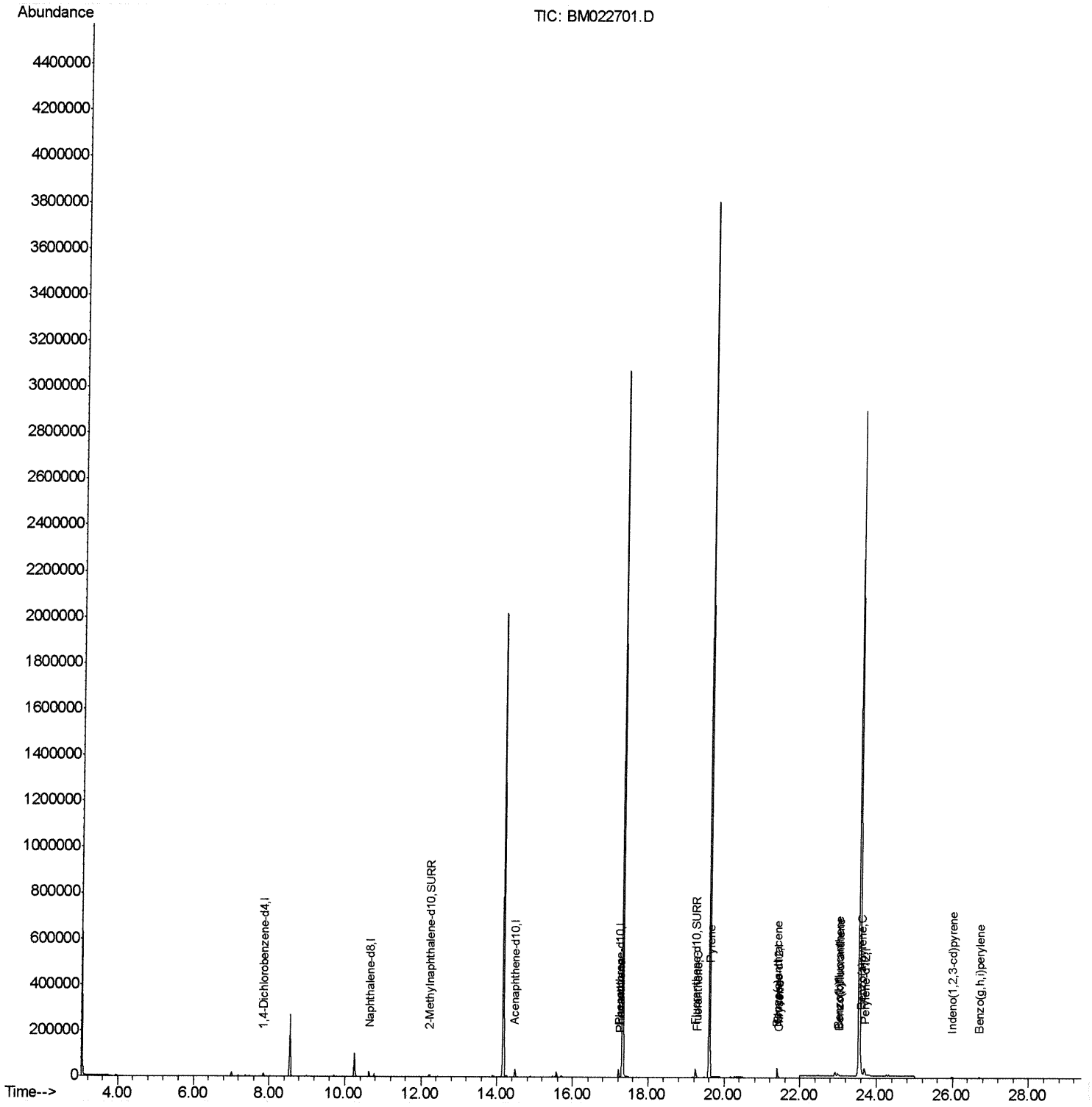
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091719\
Data File : BM022701.D
Acq On : 17 Sep 2019 11:41
Operator : HP/JU
Sample : K4780-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 17 18:08:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
H0BM8

Manual Integrations APPROVED
mohammad
9/19/2019 4:44:20 PM



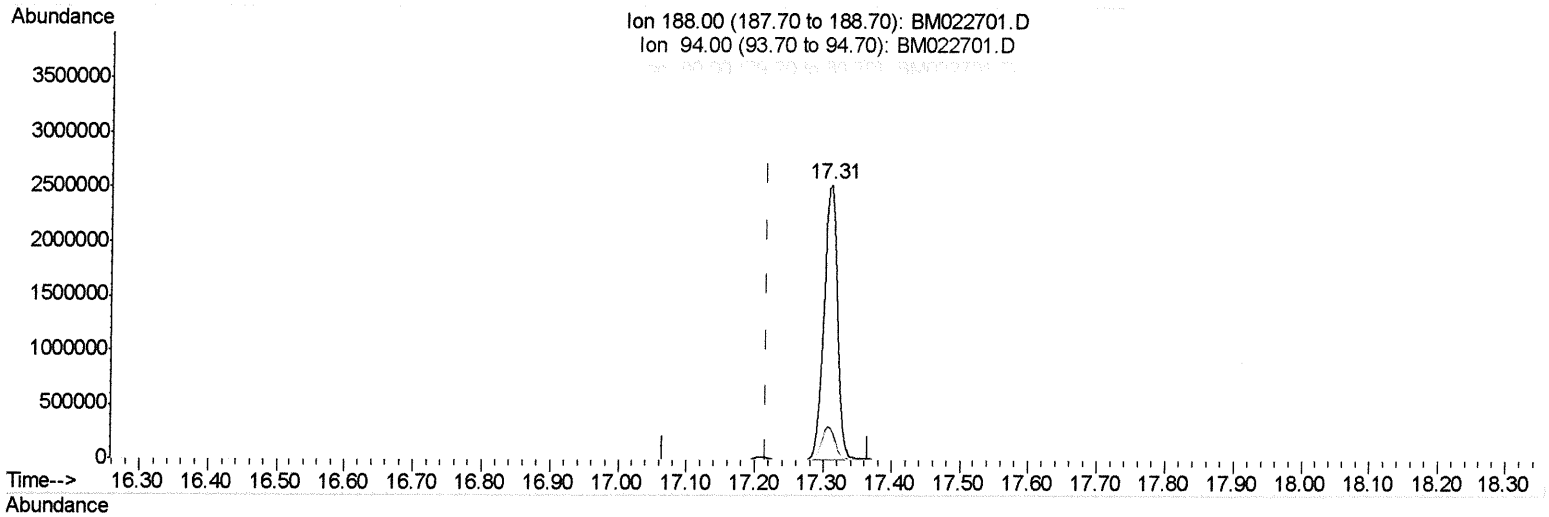
Quantitation Report (Qedit)

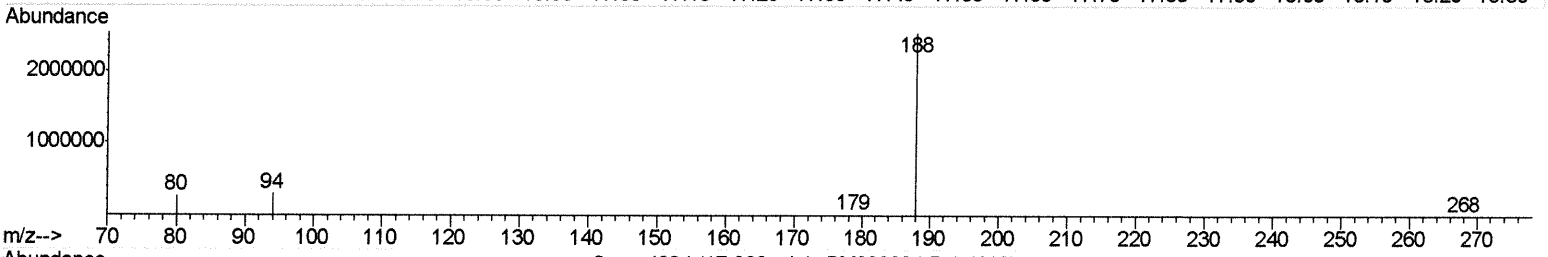
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091719\
Data File : BM022701.D
Acq On : 17 Sep 2019 11:41
Operator : HP/JU
Sample : K4780-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

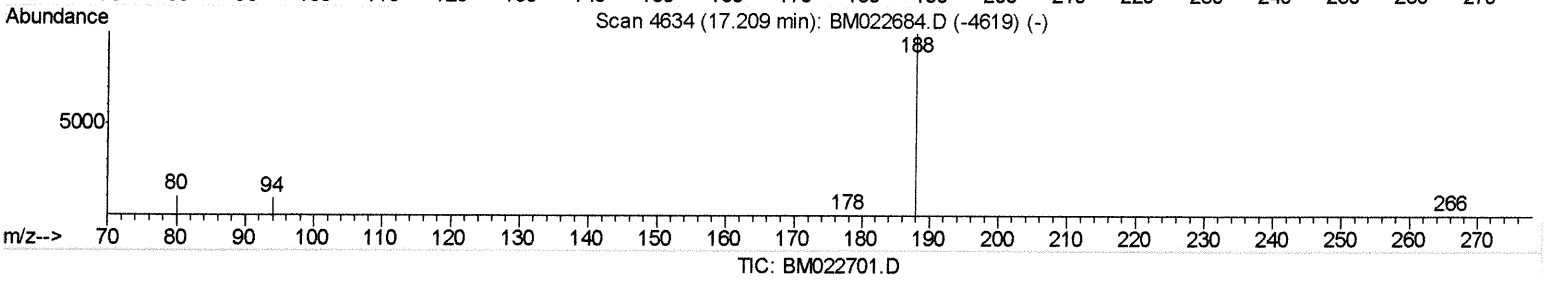
Quant Time: Sep 17 17:51:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
H0BM8

Manual Integrations APPROVED
mohammad
9/19/2019 4:44:20 PM







TIC: BM022701.D

(10) Phenanthrene-d10 (I)

17.310min (+0.093) 0.40ng/ul

response 3520033

Ion	Exp%	Act%
188.00	100	100
94.00	9.80	11.47
80.00	11.00	10.02
0.00	0.00	0.00

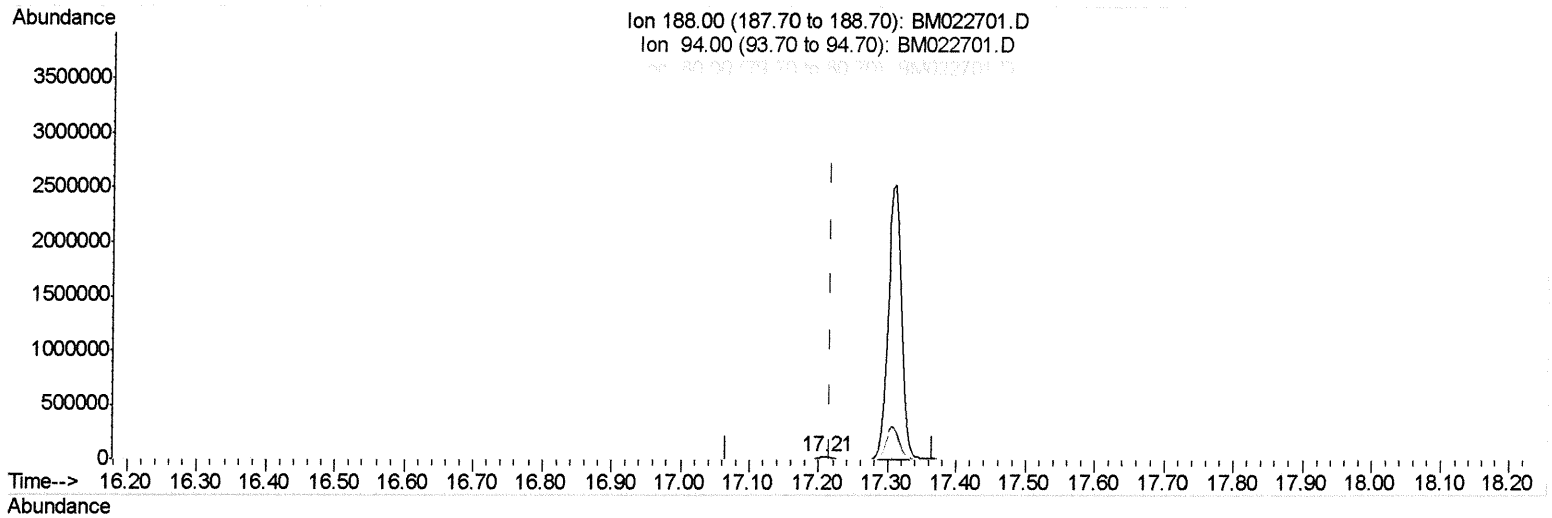
Quantitation Report (Qedit)

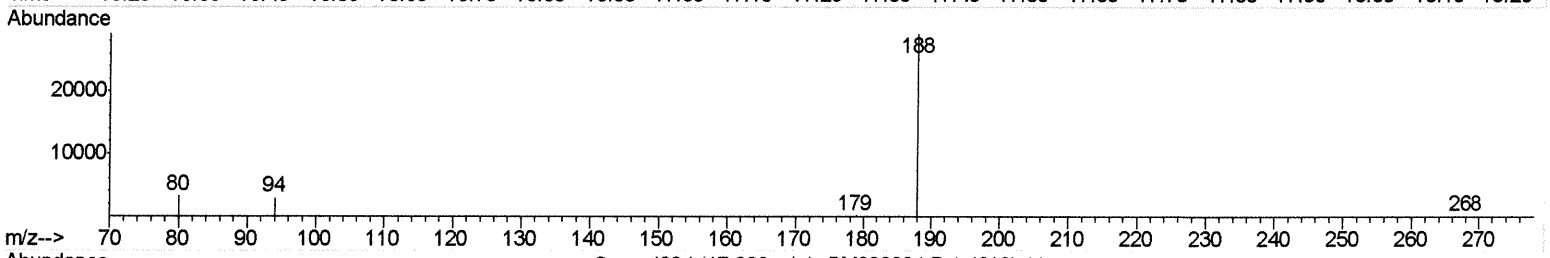
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091719\
Data File : BM022701.D
Acq On : 17 Sep 2019 11:41
Operator : HP/JU
Sample : K4780-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

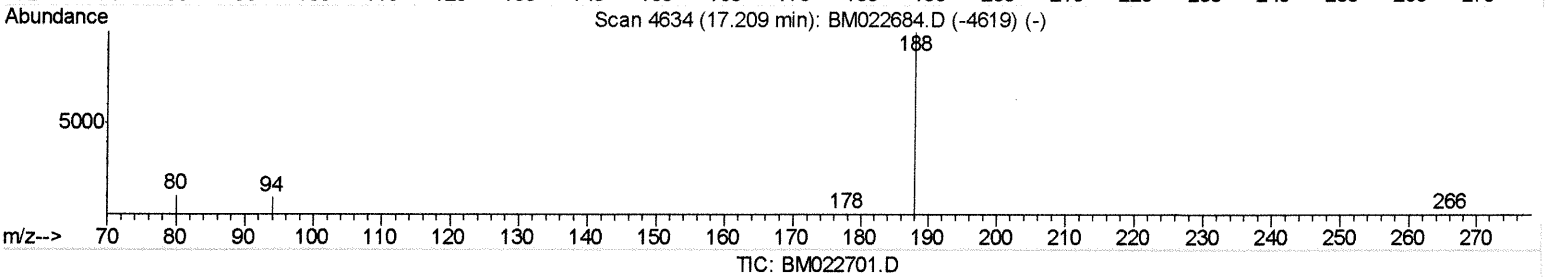
Quant Time: Sep 17 17:51:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
H0BM8

Manual Integrations APPROVED
mohammad
9/19/2019 4:44:20 PM







(10) Phenanthrene-d10 (I)

17.209min (-0.007) 0.40ng/ul m JU 09/24/19

response 39274

Ion	Exp%	Act%
188.00	100	100
94.00	9.80	10.02
80.00	11.00	11.00
0.00	0.00	0.00

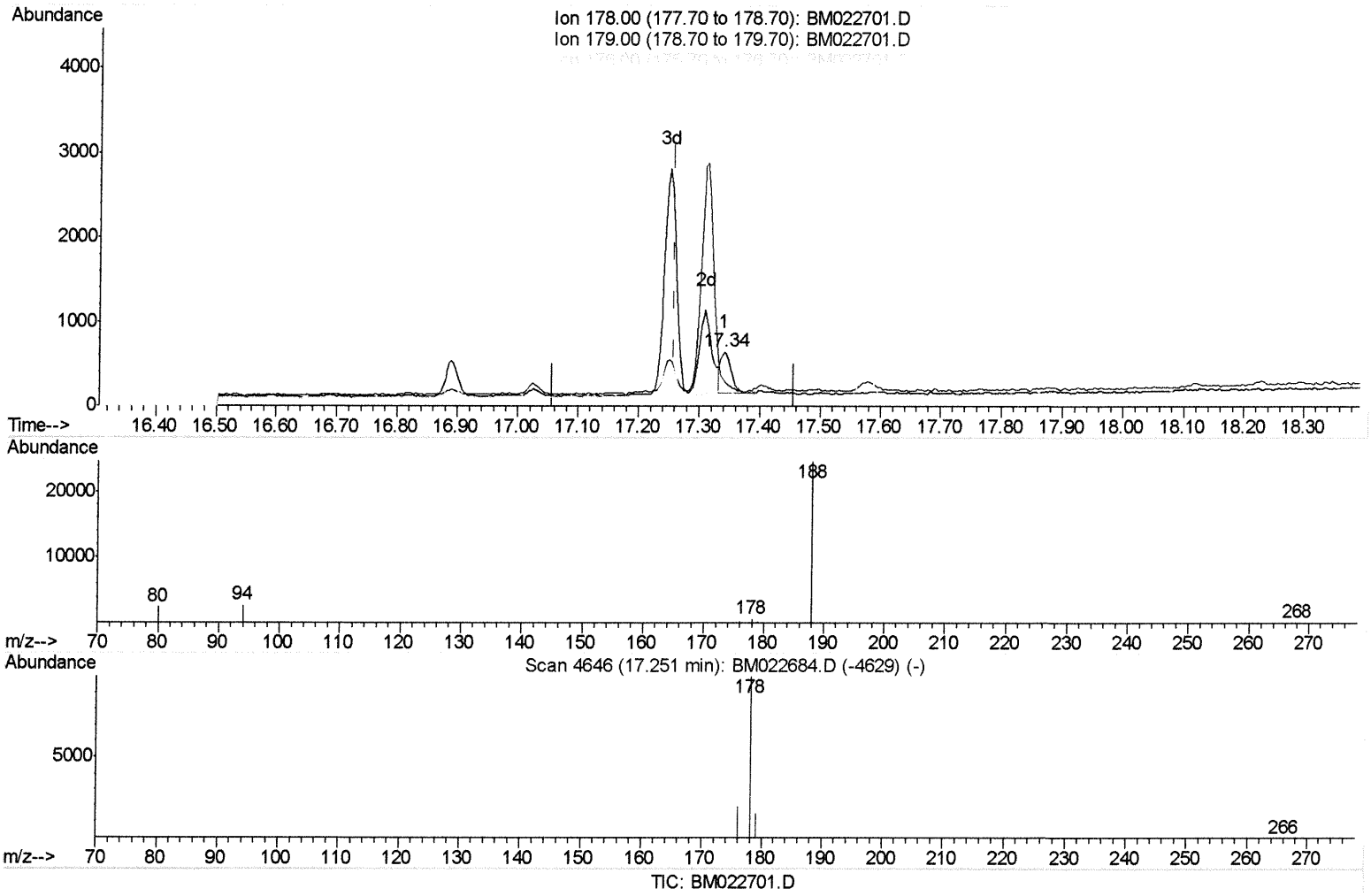
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091719\
Data File : BM022701.D
Acq On : 17 Sep 2019 11:41
Operator : HP/JU
Sample : K4780-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 17 18:04:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
H0BM8

Manual Integrations APPROVED
mohammad
9/19/2019 4:44:20 PM



TIC: BM022701.D

(12) Phenanthrene

17.341min (+0.083) 0.00ng/ul

response 605

Ion	Exp%	Act%
178.00	100	100
179.00	15.50	45.58#
176.00	19.10	34.88#
0.00	0.00	0.00

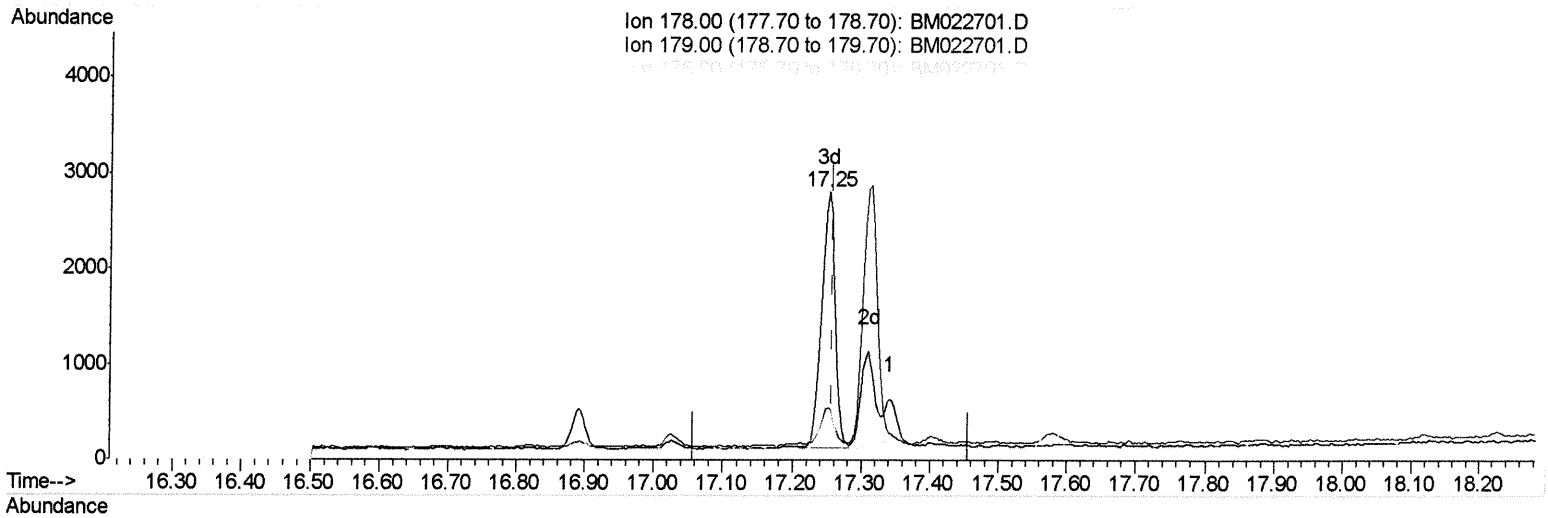
Quantitation Report (Qedit)

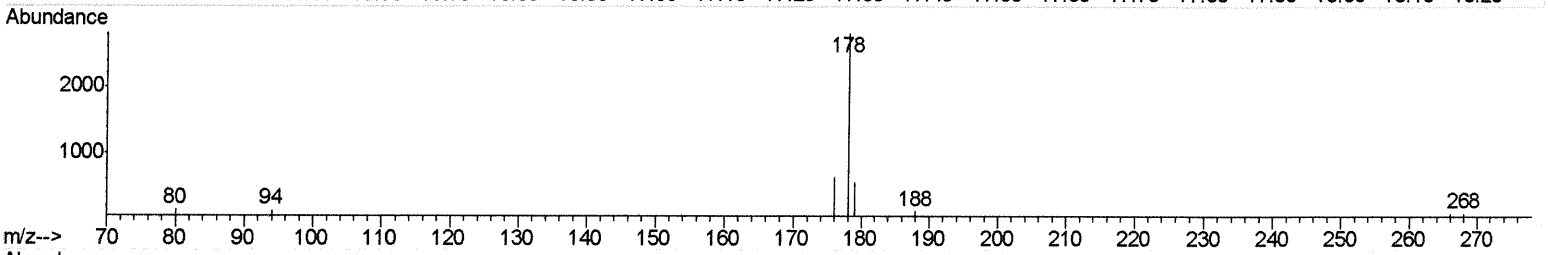
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091719\
Data File : BM022701.D
Acq On : 17 Sep 2019 11:41
Operator : HP/JU
Sample : K4780-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

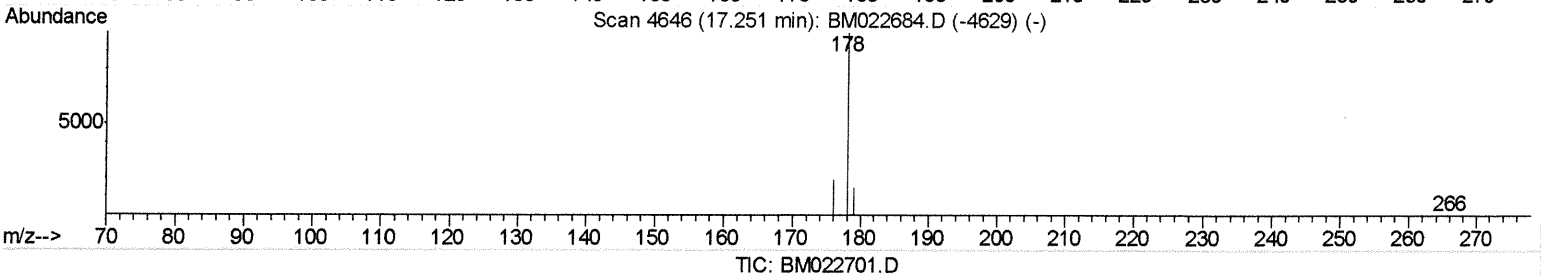
Quant Time: Sep 17 18:04:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
H0BM8

Manual Integrations APPROVED
mohammad
9/19/2019 4:44:20 PM







TIC: BM022701.D

(12) Phenanthrene

17.251min (-0.007) 0.03ng/ul m JU 09/24/19

response 3699

Ion	Exp%	Act%
178.00	100	100
179.00	15.50	19.79#
176.00	19.10	22.35
0.00	0.00	0.00

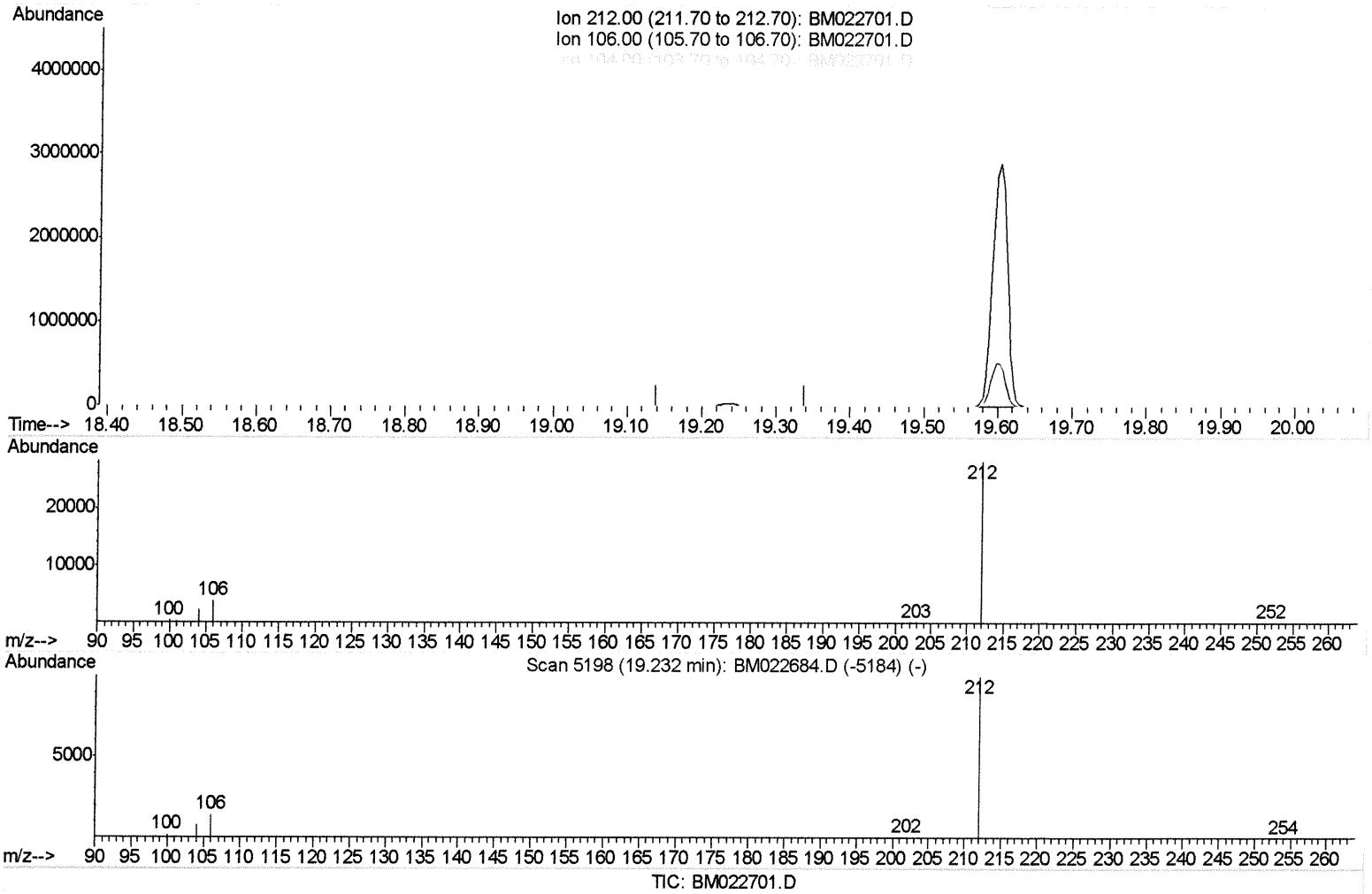
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091719\
Data File : BM022701.D
Acq On : 17 Sep 2019 11:41
Operator : HP/JU
Sample : K4780-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 17 18:04:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
H0BM8

Manual Integrations APPROVED
mohammad
9/19/2019 4:44:20 PM



(14) Fluoranthene-d10 (SURR)

19.240min (-19.240) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	14.00	0.00#
104.00	8.00	0.00#
0.00	0.00	0.00

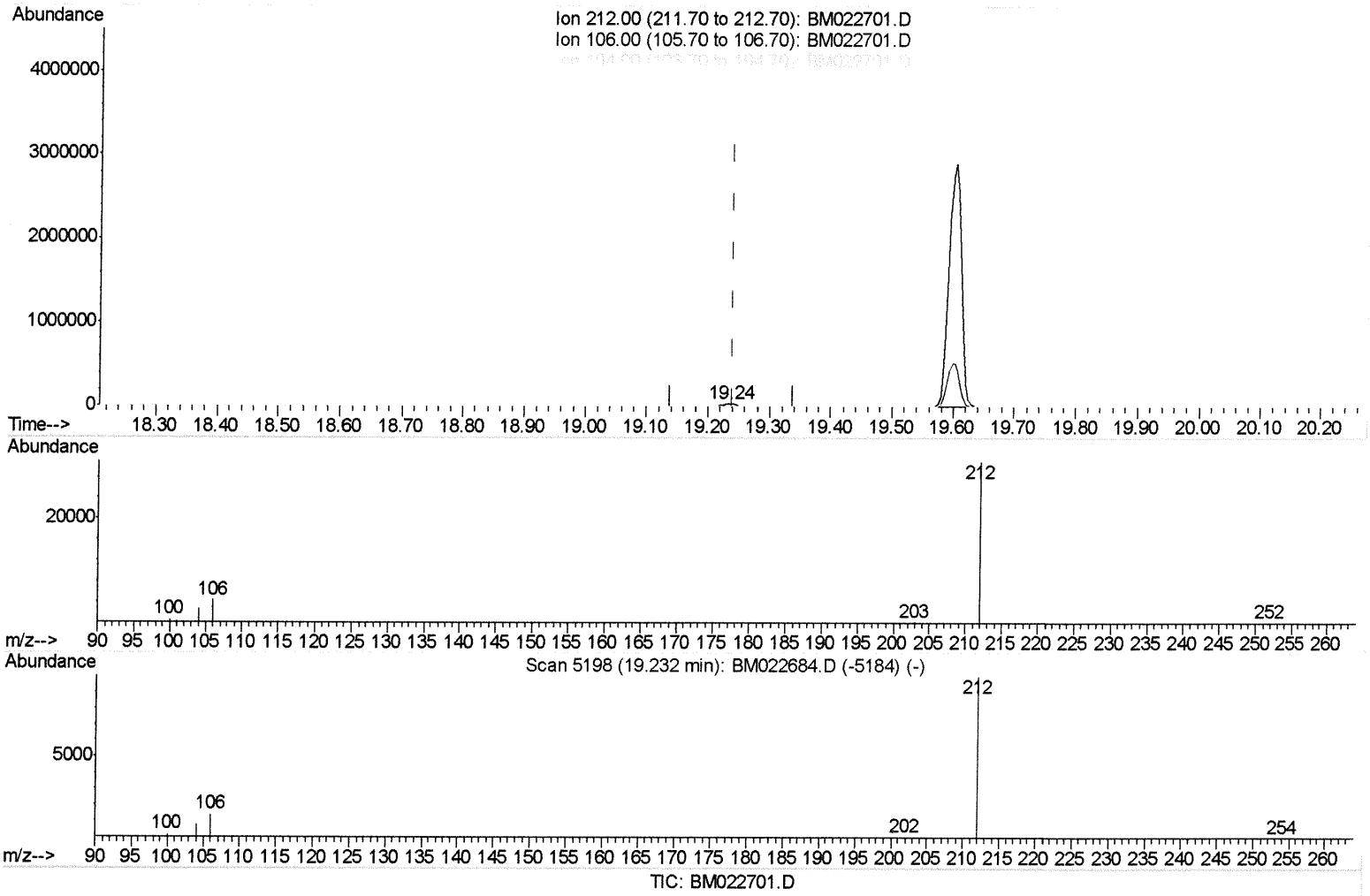
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091719\
Data File : BM022701.D
Acq On : 17 Sep 2019 11:41
Operator : HP/JU
Sample : K4780-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 17 18:04:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
H0BM8

Manual Integrations APPROVED
mohammad
9/19/2019 4:44:20 PM



(14) Fluoranthene-d10 (SURR)

19.236min (-0.004) 0.39ng/ul m JU 09/24/19

response 42291

Ion	Exp%	Act%
212.00	100	100
106.00	14.00	0.00#
104.00	8.00	0.00#
0.00	0.00	0.00

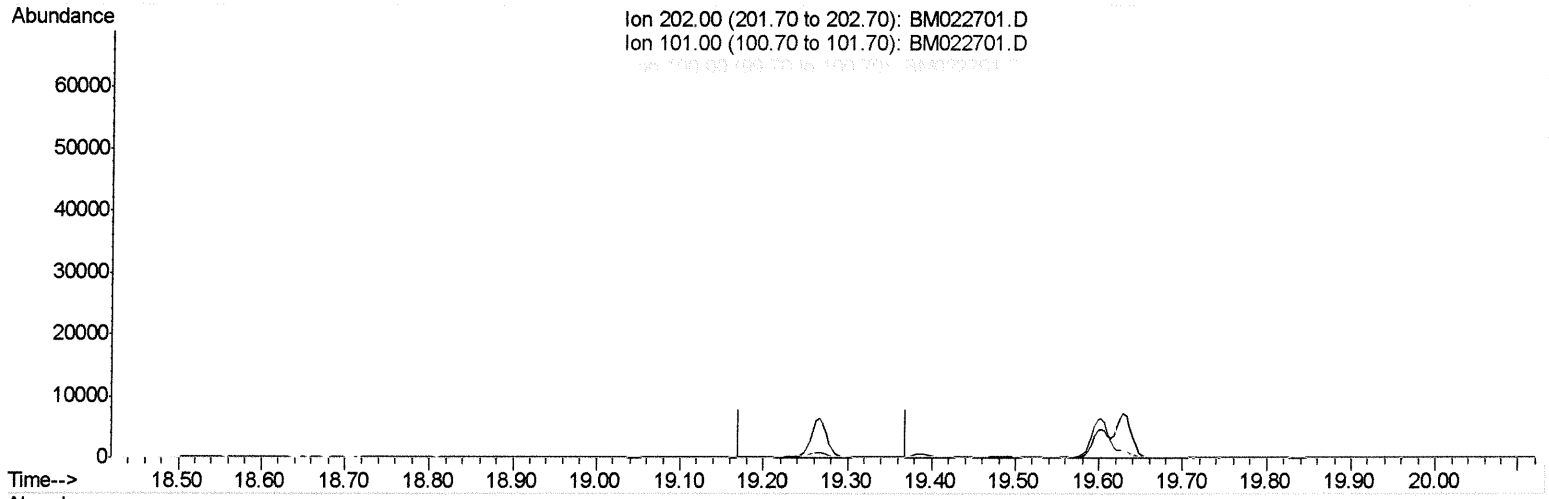
Quantitation Report (Qedit)

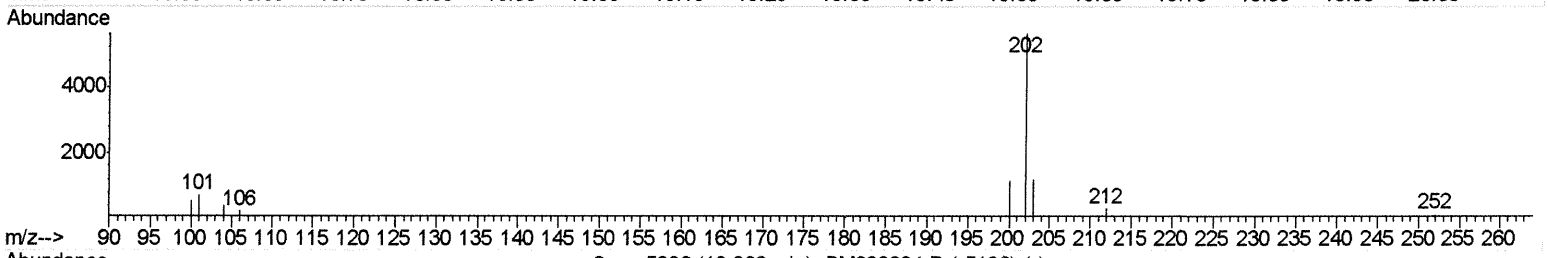
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091719\
Data File : BM022701.D
Acq On : 17 Sep 2019 11:41
Operator : HP/JU
Sample : K4780-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

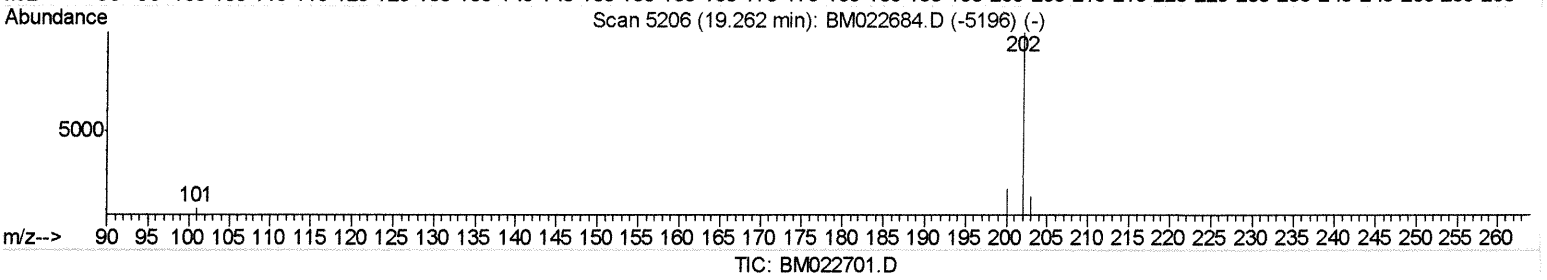
Quant Time: Sep 17 18:04:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
H0BM8

Manual Integrations APPROVED
mohammad
9/19/2019 4:44:20 PM







TIC: BM022701.D

(15) Fluoranthene (C)

19.270min (-19.270) 0.00ng/ul

response 0

Ion	Exp%	Act%
202.00	100	0.00
101.00	10.50	0.00
100.00	8.00	0.00
0.00	0.00	0.00

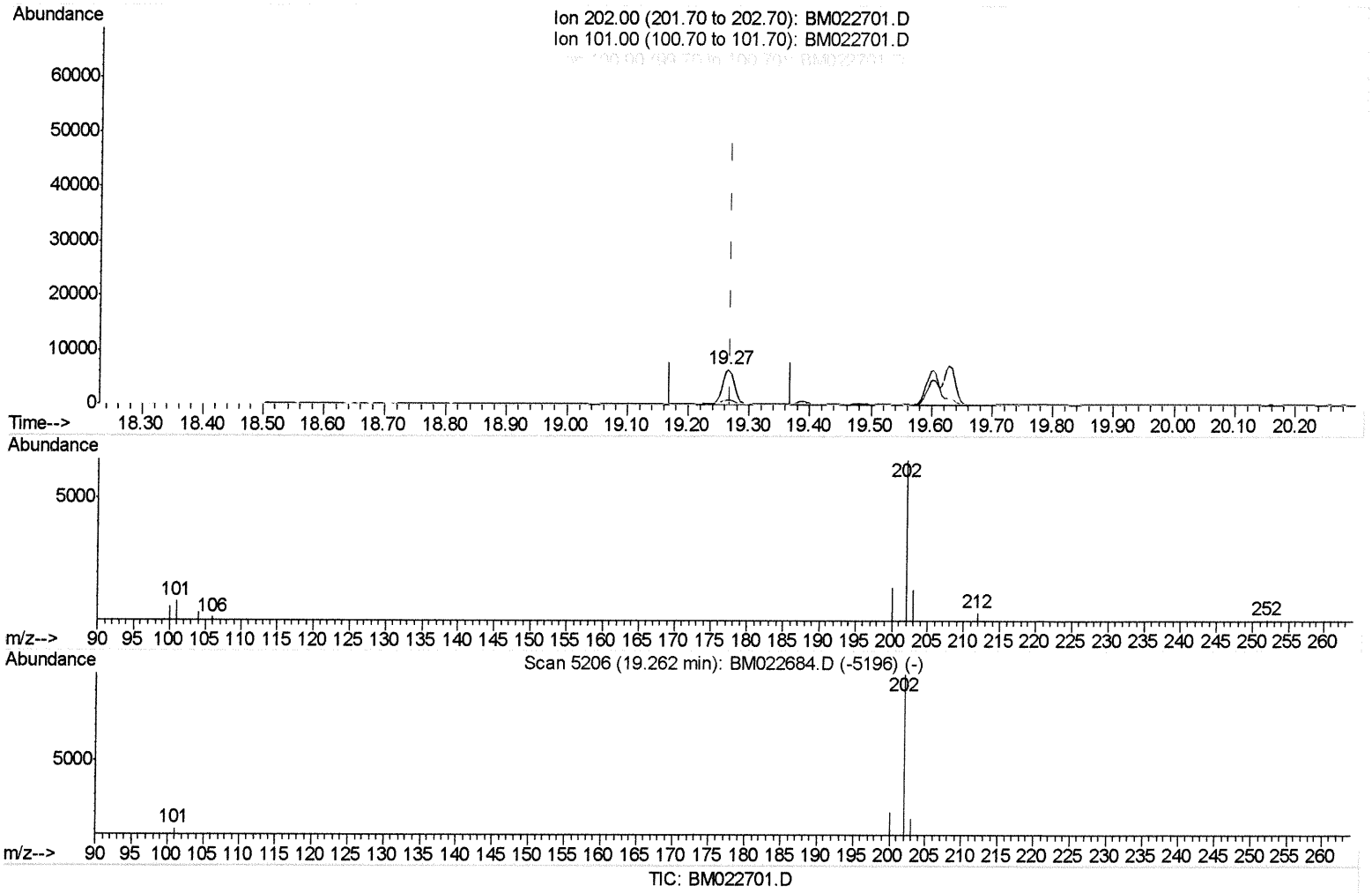
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091719\
Data File : BM022701.D
Acq On : 17 Sep 2019 11:41
Operator : HP/JU
Sample : K4780-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 17 18:04:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
H0BM8

Manual Integrations APPROVED
mohammad
9/19/2019 4:44:20 PM



TIC: BM022701.D

(15) Fluoranthene (C)

19.266min (-0.004) 0.06ng/ul m JU 09/24/19

response 8694

Ion	Exp%	Act%
202.00	100	100
101.00	10.50	13.19
100.00	8.00	9.67
0.00	0.00	0.00

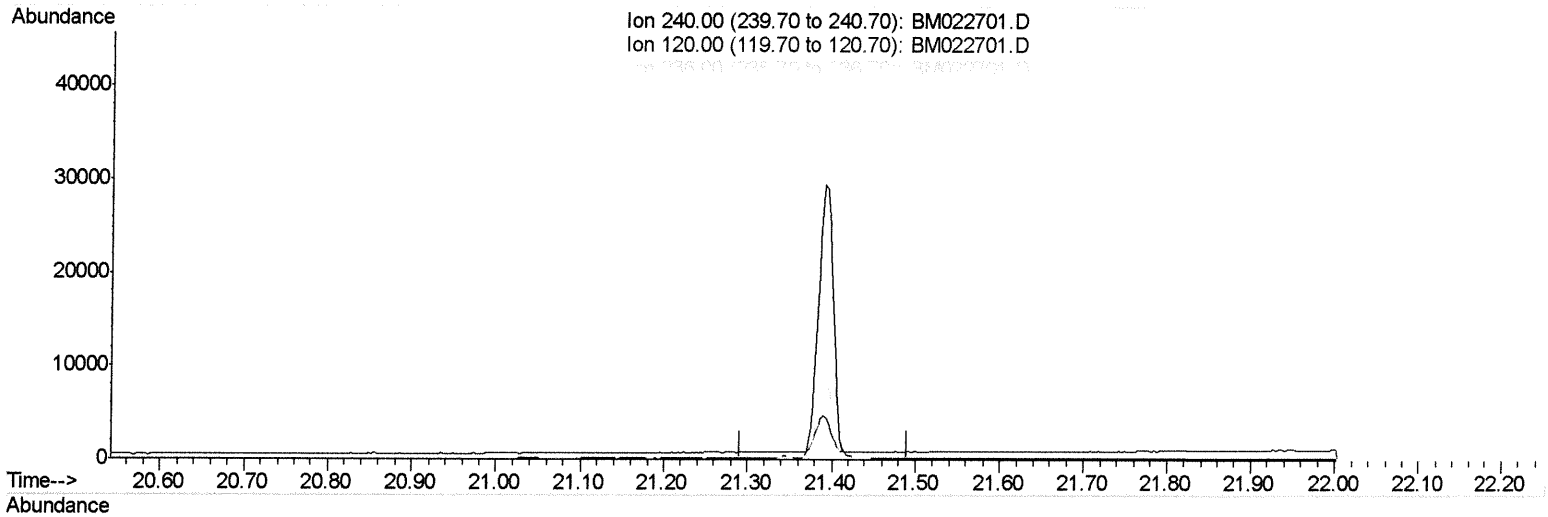
Quantitation Report (Qedit)

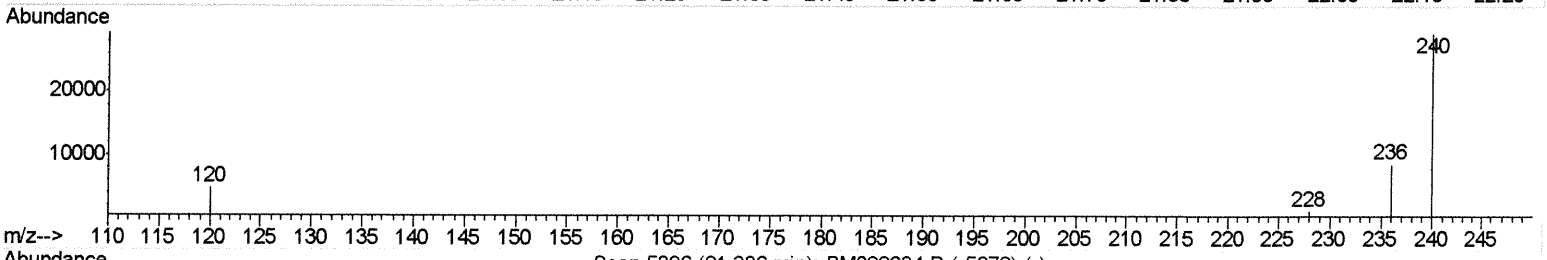
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091719\
Data File : BM022701.D
Acq On : 17 Sep 2019 11:41
Operator : HP/JU
Sample : K4780-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

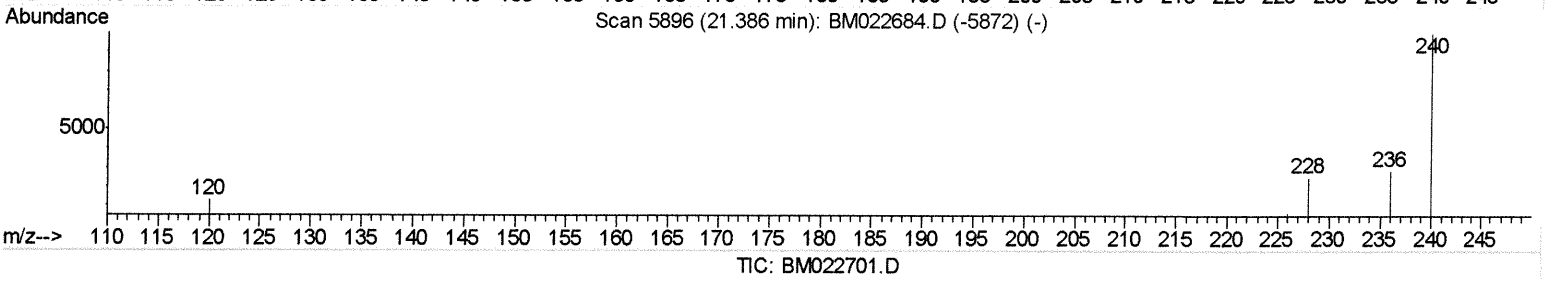
Quant Time: Sep 17 18:04:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
H0BM8

Manual Integrations APPROVED
mohammad
9/19/2019 4:44:20 PM







(16) Chrysene-d12 (I)

21.391min (-21.391) 0.00ng/ul

response 0

Ion	Exp%	Act%
240.00	100	0.00
120.00	14.60	0.00#
236.00	28.80	0.00#
0.00	0.00	0.00

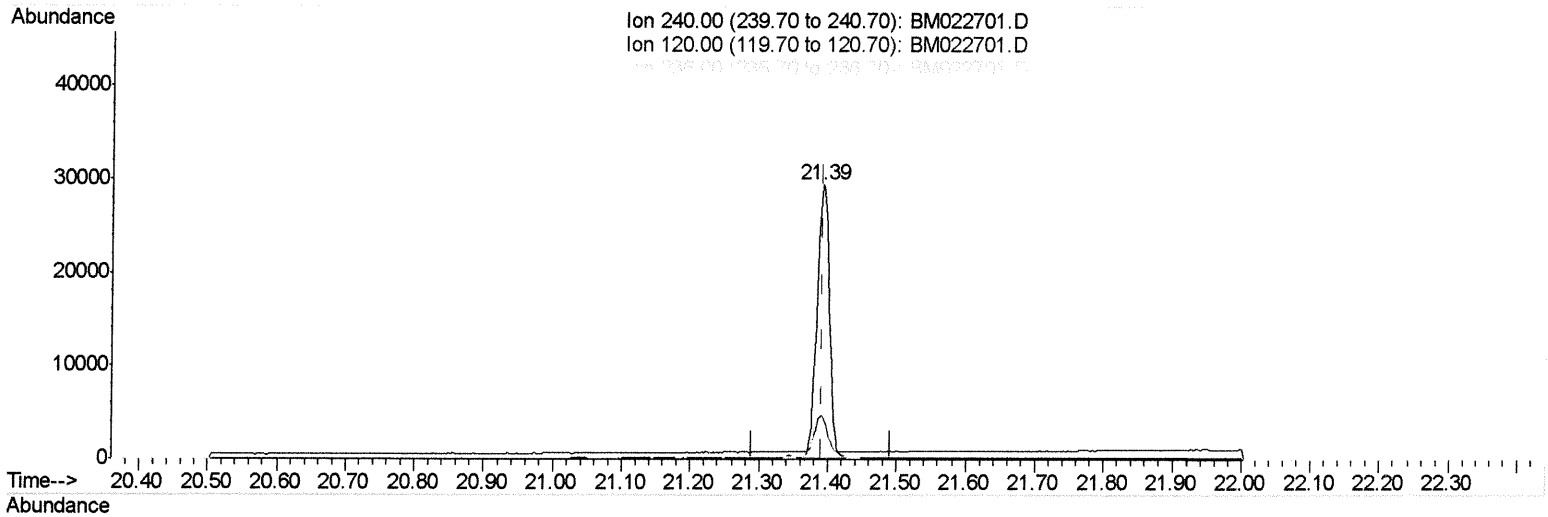
Quantitation Report (Qedit)

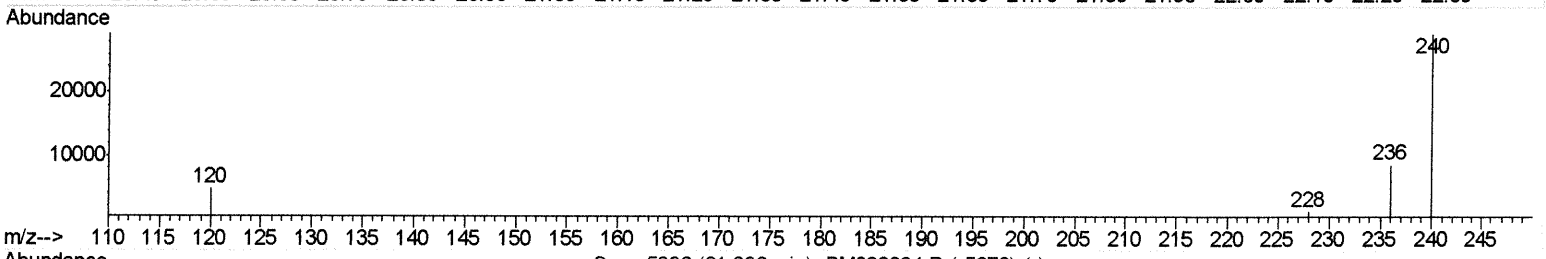
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091719\
Data File : BM022701.D
Acq On : 17 Sep 2019 11:41
Operator : HP/JU
Sample : K4780-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

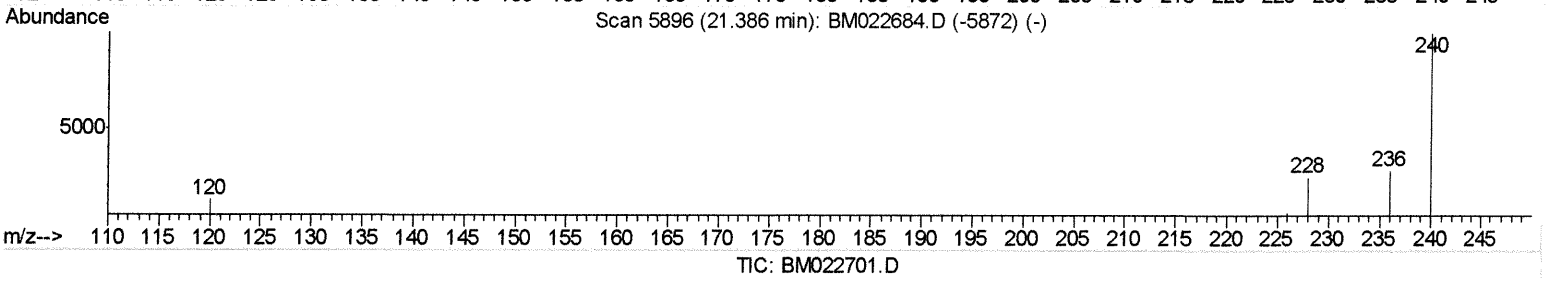
Quant Time: Sep 17 18:04:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
H0BM8

Manual Integrations APPROVED
mohammad
9/19/2019 4:44:20 PM







(16) Chrysene-d12 (I)

21.391min (-0.000) 0.40ng/ul m JL 09/24/19

response 36543

Ion	Exp%	Act%
240.00	100	100
120.00	14.60	16.02
236.00	28.80	29.26
0.00	0.00	0.00

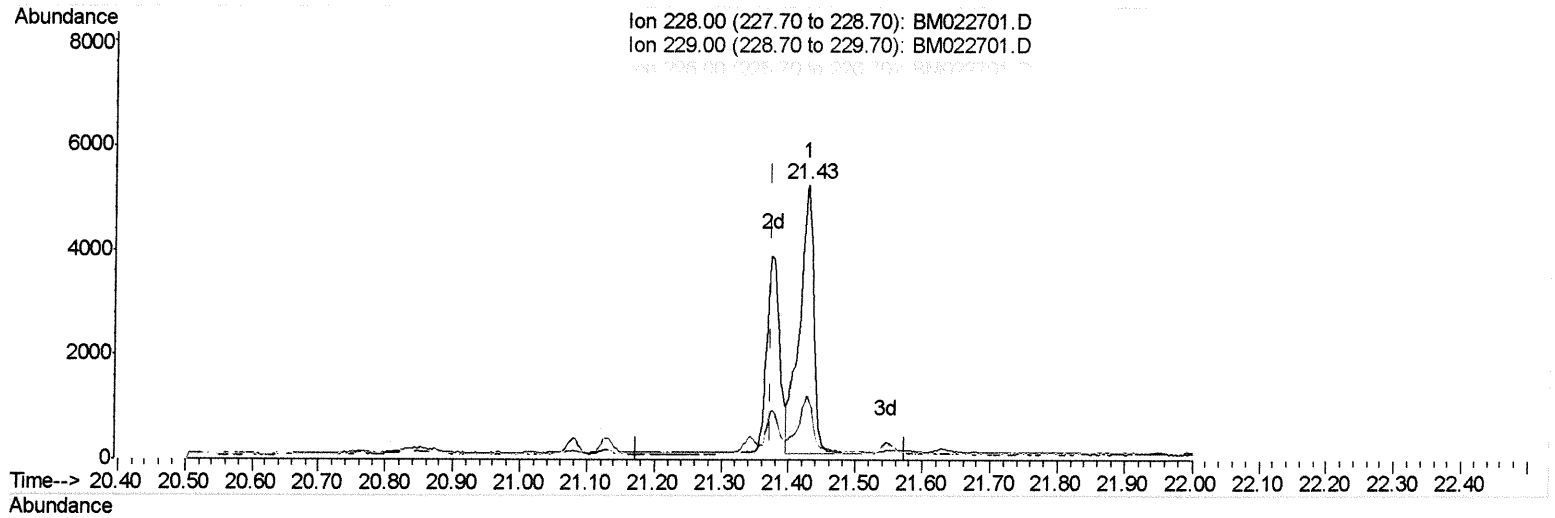
Quantitation Report (Qedit)

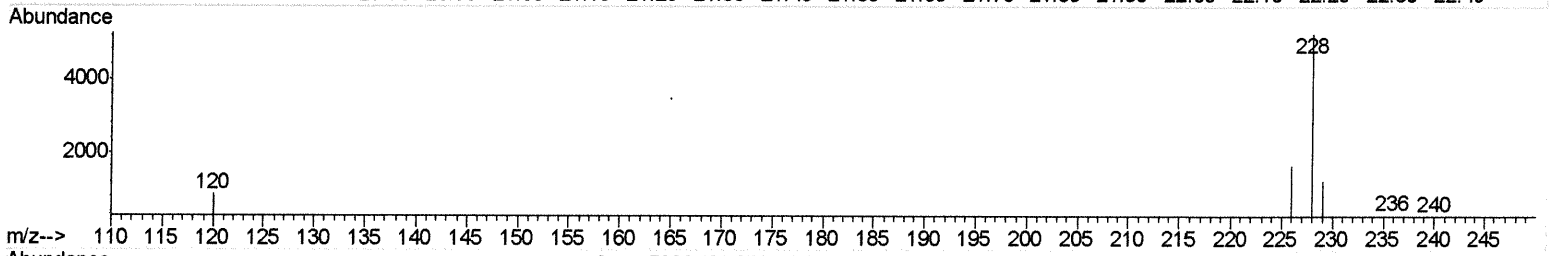
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091719\
Data File : BM022701.D
Acq On : 17 Sep 2019 11:41
Operator : HP/JU
Sample : K4780-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

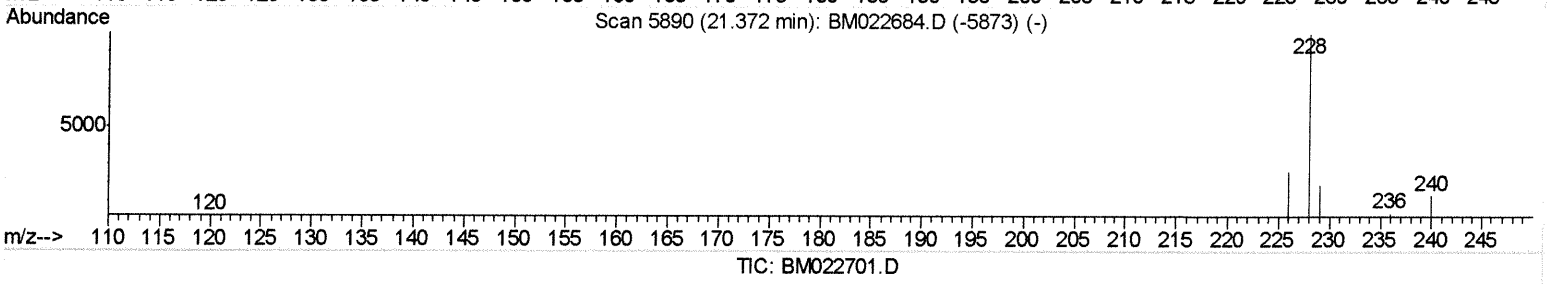
Quant Time: Sep 17 18:06:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
H0BM8

Manual Integrations APPROVED
mohammad
9/19/2019 4:44:20 PM







TIC: BM022701.D

(18) Benzo(a)anthracene

21.427min (+0.053) 0.05ng/ul

response 7679

Ion	Exp%	Act%
228.00	100	100
229.00	19.50	23.27
226.00	27.50	31.42
0.00	0.00	0.00

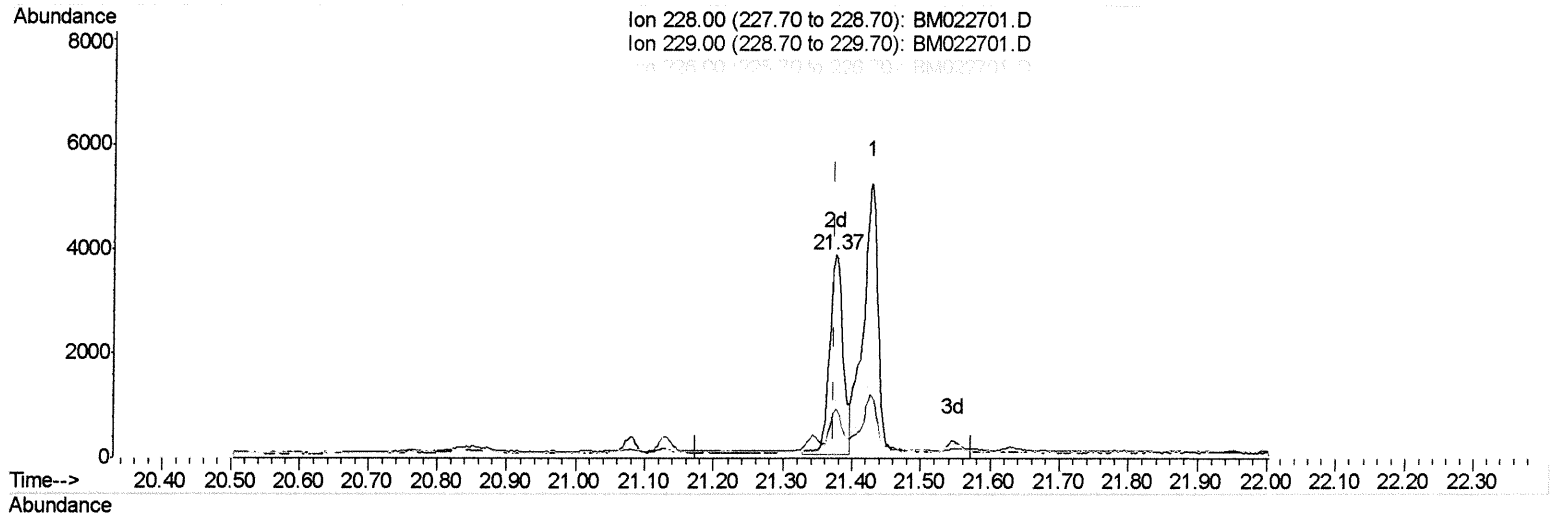
Quantitation Report (Qedit)

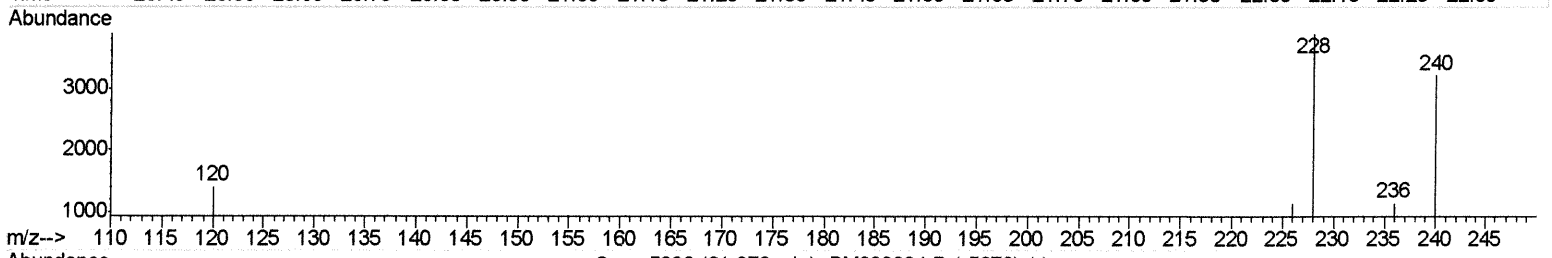
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091719\
Data File : BM022701.D
Acq On : 17 Sep 2019 11:41
Operator : HP/JU
Sample : K4780-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

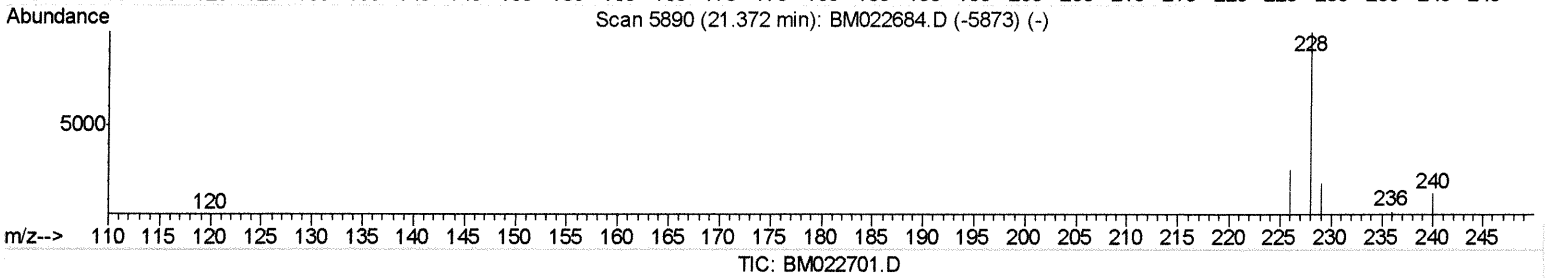
Quant Time: Sep 17 18:06:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
H0BM8

Manual Integrations APPROVED
mohammad
9/19/2019 4:44:20 PM







TIC: BM022701.D

(18) Benzo(a)anthracene

21.374min (-0.000) 0.04ng/ul m 09/24/19

response 5341

Ion	Exp%	Act%
228.00	100	100
229.00	19.50	23.96#
226.00	27.50	29.21
0.00	0.00	0.00

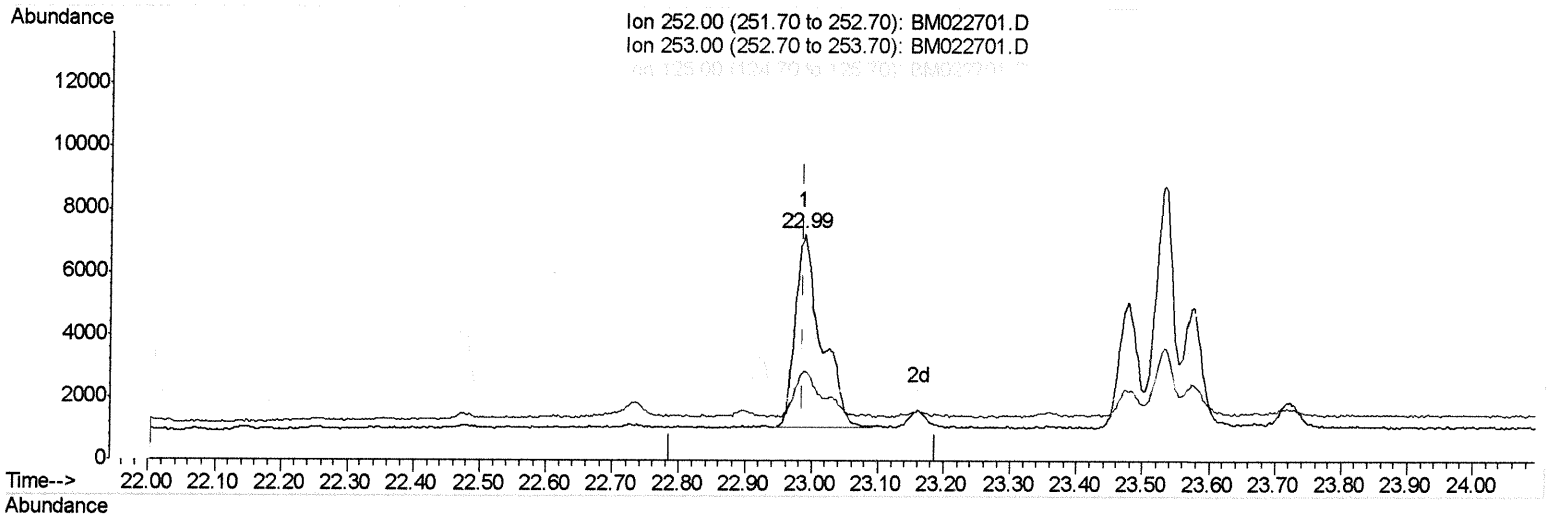
Quantitation Report (Qedit)

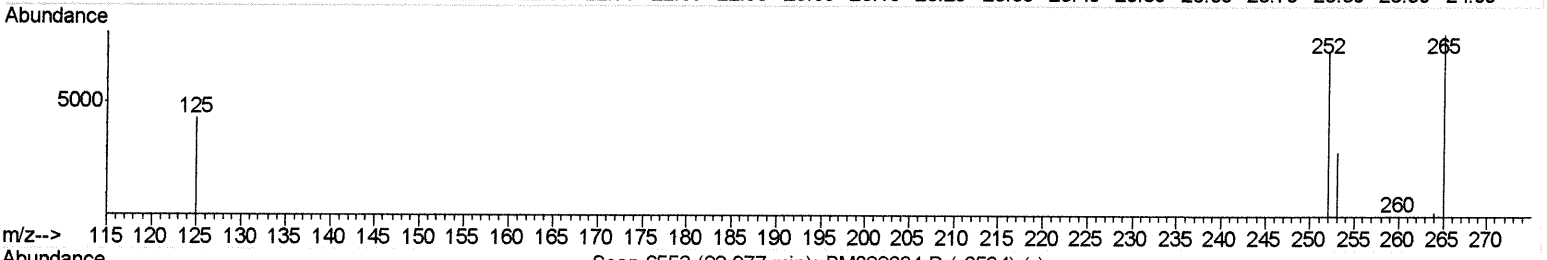
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091719\
Data File : BM022701.D
Acq On : 17 Sep 2019 11:41
Operator : HP/JU
Sample : K4780-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

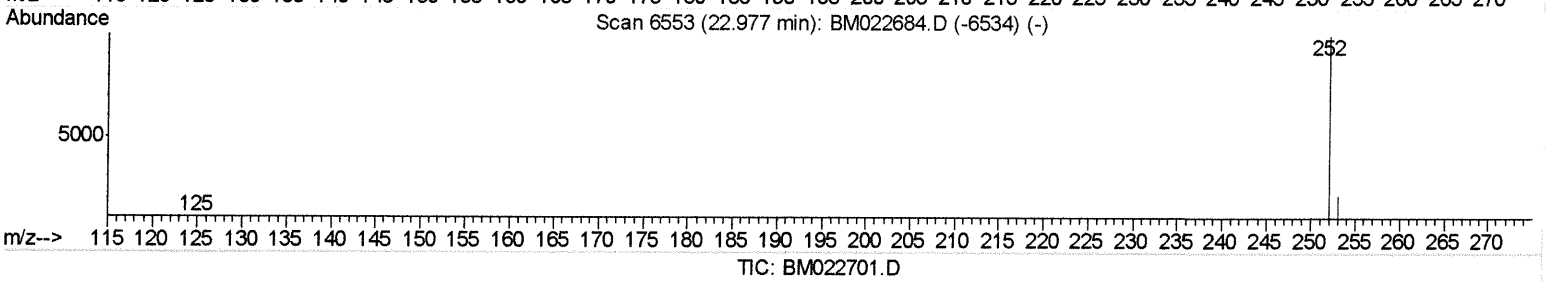
Quant Time: Sep 17 18:06:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
H0BM8

Manual Integrations APPROVED
mohammad
9/19/2019 4:44:20 PM







TIC: BM022701.D

(21) Benzo(b)fluoranthene

22.987min (-0.000) 0.10ng/ul

response 16999

Ion	Exp%	Act%
252.00	100	100
253.00	24.20	39.50
125.00	15.60	59.16#
0.00	0.00	0.00

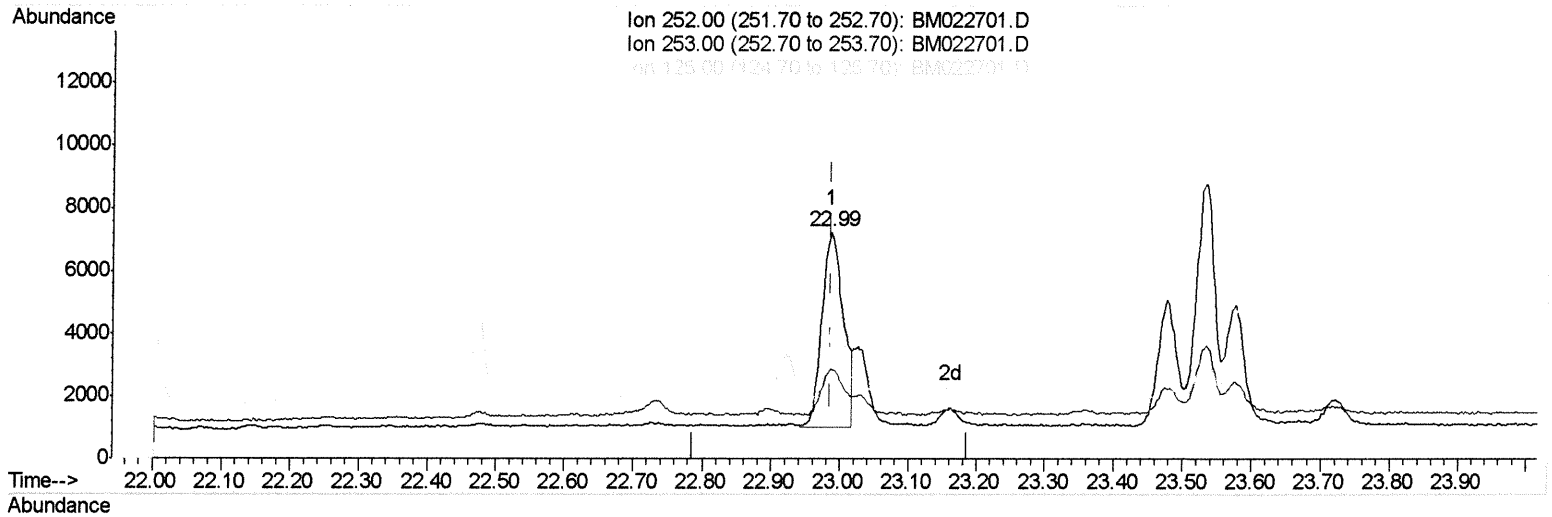
Quantitation Report (Qedit)

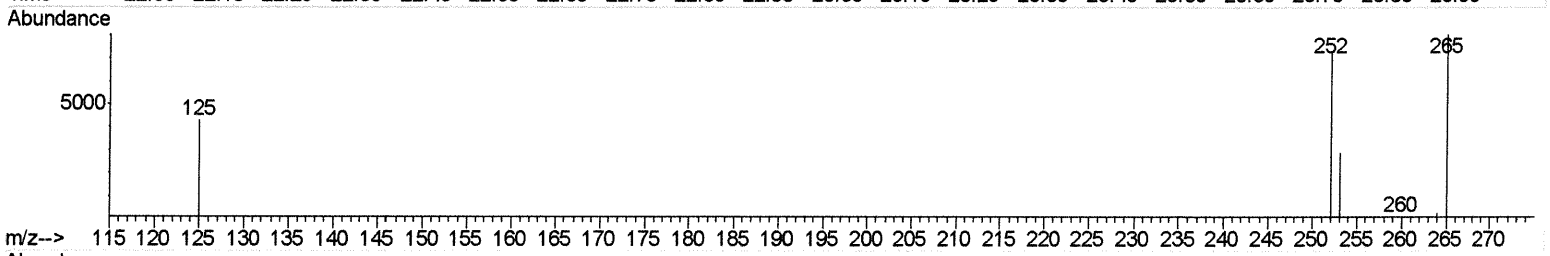
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091719\
Data File : BM022701.D
Acq On : 17 Sep 2019 11:41
Operator : HP/JU
Sample : K4780-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

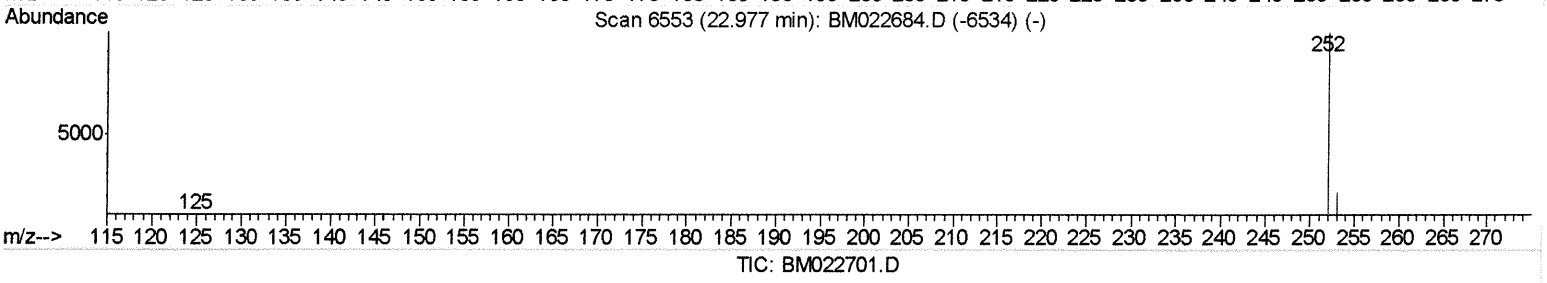
Quant Time: Sep 17 18:06:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
H0BM8

Manual Integrations APPROVED
mohammad
9/19/2019 4:44:20 PM







TIC: BM022701.D

(21) Benzo(b)fluoranthene

22.987min (-0.000) 0.08ng/ul m JU 09/24/19

response 13199

Ion	Exp%	Act%
252.00	100	100
253.00	24.20	39.50
125.00	15.60	59.16#
0.00	0.00	0.00

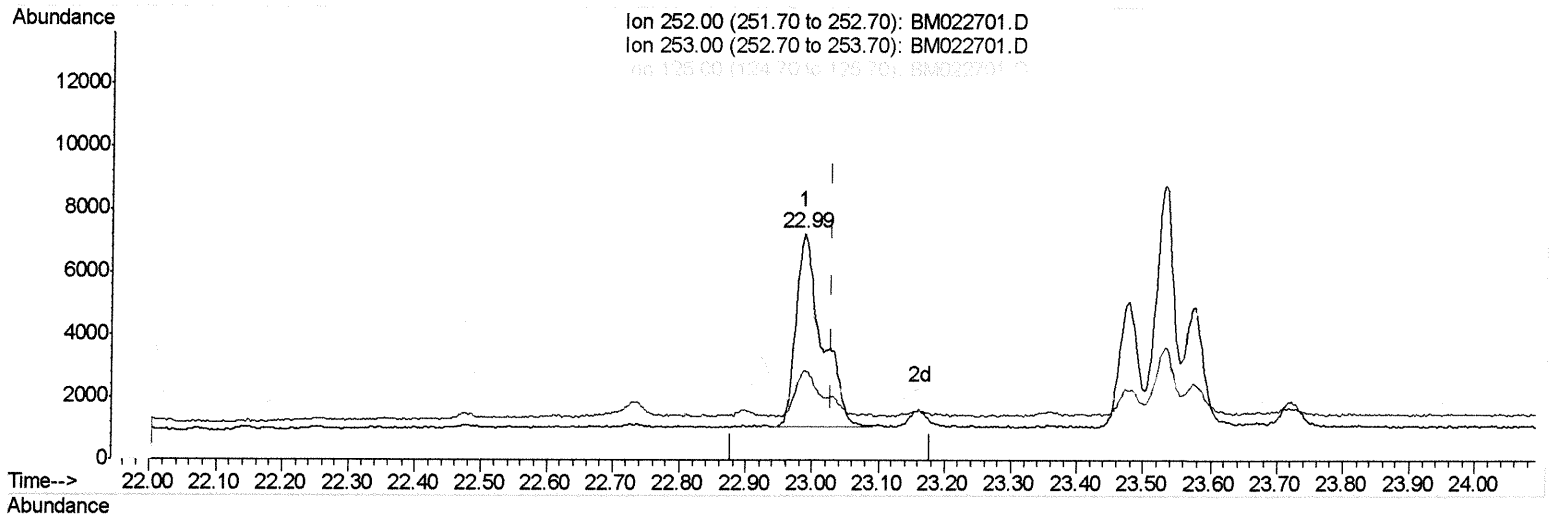
Quantitation Report (Qedit)

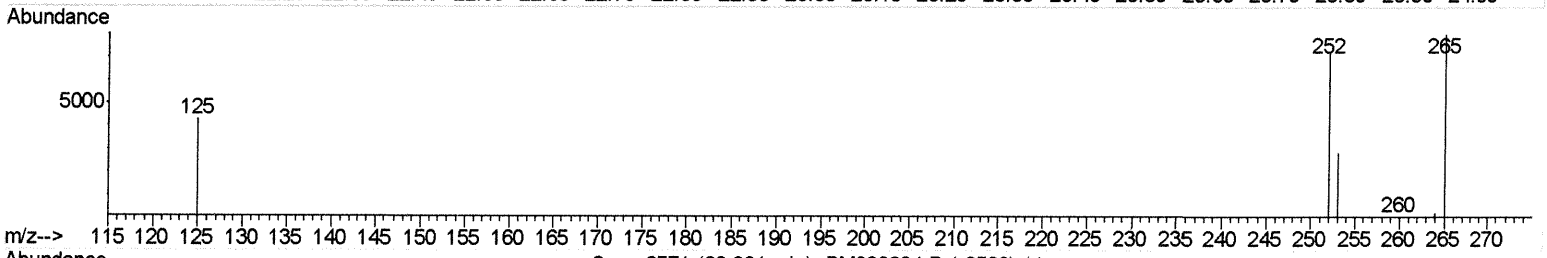
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091719\
Data File : BM022701.D
Acq On : 17 Sep 2019 11:41
Operator : HP/JU
Sample : K4780-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

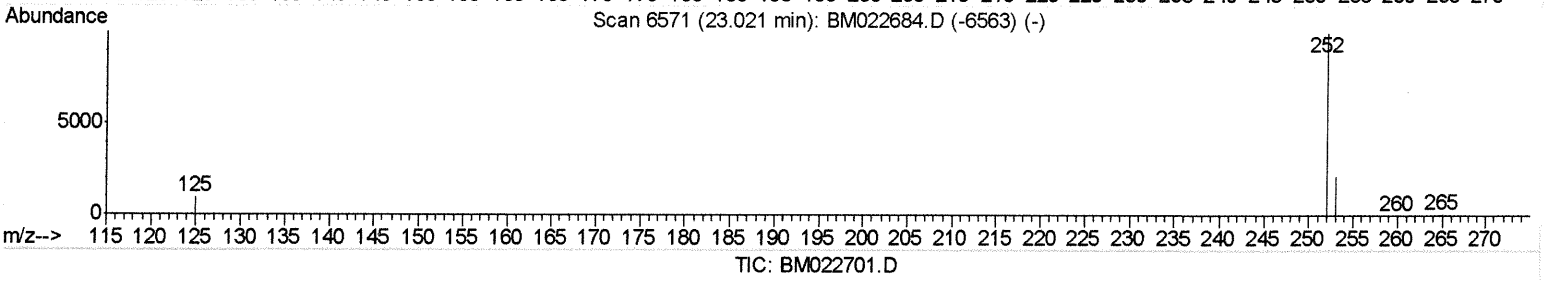
Quant Time: Sep 17 18:06:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
H0BM8

Manual Integrations APPROVED
mohammad
9/19/2019 4:44:20 PM







TIC: BM022701.D

(22) Benzo(k)fluoranthene

22.987min (-0.041) 0.10ng/ul

response 16992

Ion	Exp%	Act%
252.00	100	100
253.00	24.40	39.50#
125.00	14.00	59.16#
0.00	0.00	0.00

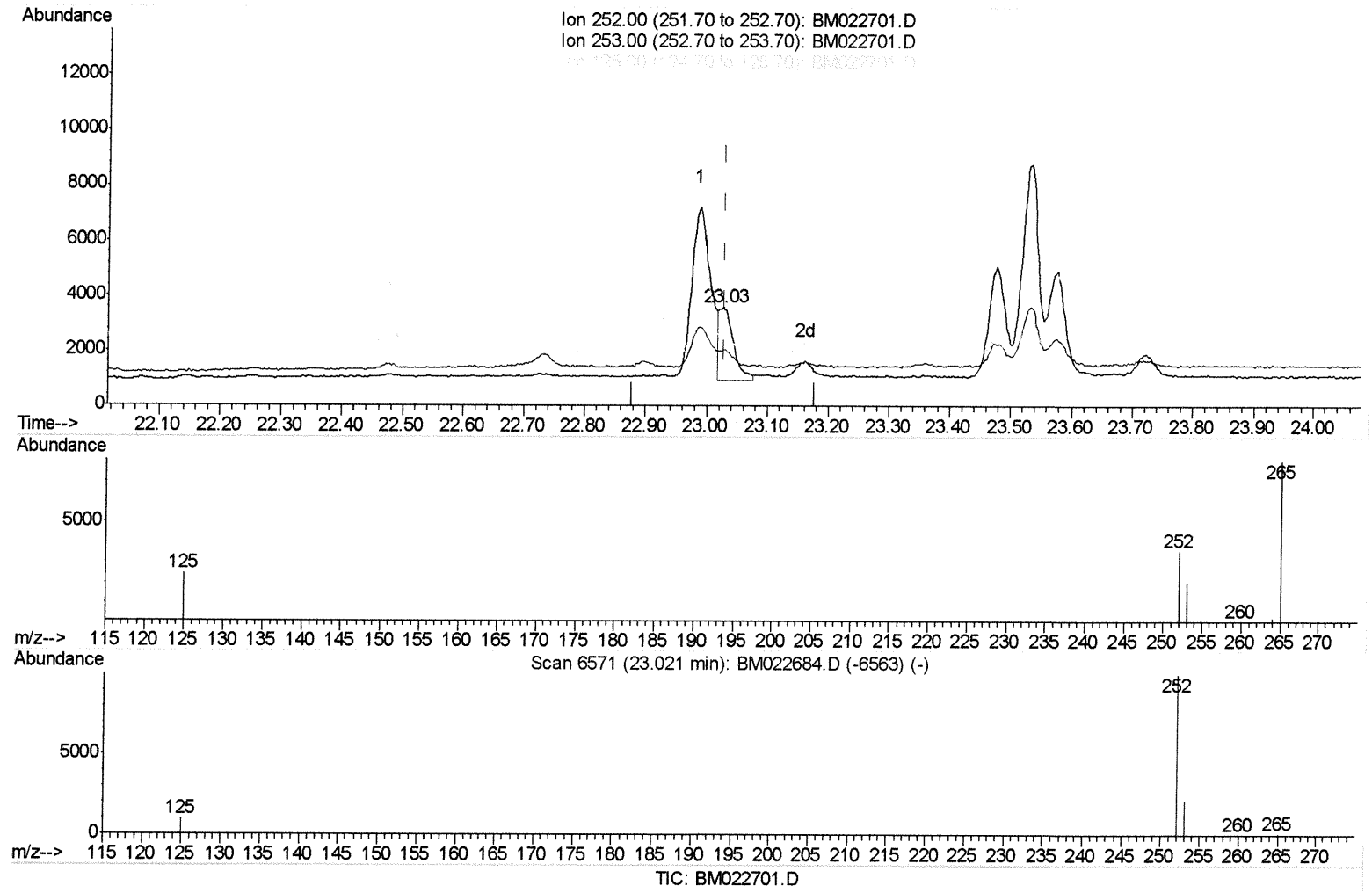
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091719\
Data File : BM022701.D
Acq On : 17 Sep 2019 11:41
Operator : HP/JU
Sample : K4780-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 17 18:06:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
H0BM8

Manual Integrations APPROVED
mohammad
9/19/2019 4:44:20 PM



TIC: BM022701.D

(22) Benzo(k)fluoranthene

23.026min (-0.003) 0.03ng/ul m JU 09/24/19

response 4481

Ion	Exp%	Act%
252.00	100	100
253.00	24.40	56.36#
125.00	14.00	68.32#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091719\
Data File : BM022701.D
Acq On : 17 Sep 2019 11:41
Operator : HP/JU
Sample : K4780-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 17 18:08:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : H0BM8

Manual Integrations APPROVED
mohammad
9/19/2019 4:44:20 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	7304	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	30528	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	18706	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	39274m	0.40	ng/ul	0.00
16) Chrysene-d12	21.39	240	36543m	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	38340	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	15580	0.31	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	42291m	0.39	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.25	178	3699m	0.030	ng/ul	
15) Fluoranthene	19.27	202	8694m	0.064	ng/ul	
17) Pyrene	19.63	202	9137	0.055	ng/ul#	86
18) Benzo(a)anthracene	21.37	228	5341m	0.038	ng/ul	
19) Chrysene	21.43	228	7679	0.052	ng/ul	95
21) Benzo(b)fluoranthene	22.99	252	13199m	0.079	ng/ul	
22) Benzo(k)fluoranthene	23.03	252	4481m	0.026	ng/ul	
23) Benzo(a)pyrene	23.58	252	6691	0.046	ng/ul#	2
24) Indeno(1,2,3-cd)pyrene	25.98	276	5002	0.028	ng/ul#	87
26) Benzo(g,h,i)perylene	26.69	276	5086	0.036	ng/ul#	80

JU 09/20/19

JU 09/20/19

JU 09/20/19

JU 09/20/19

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