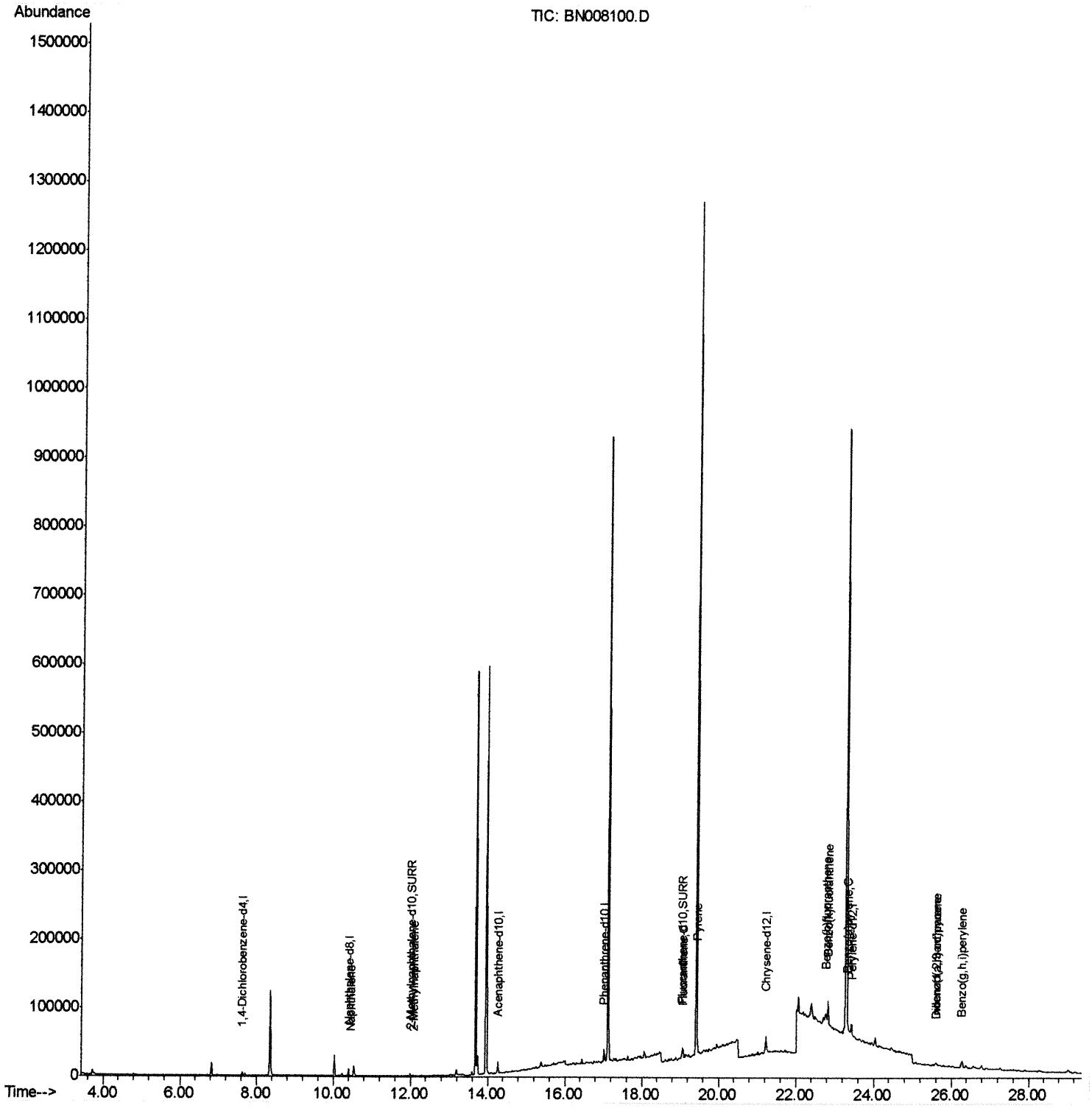
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101119\
Data File : BN008100.D
Acq On : 12 Oct 2019 05:49
Operator : JU
Sample : K5124-17
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Oct 14 15:39:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLMA6

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:03 AM



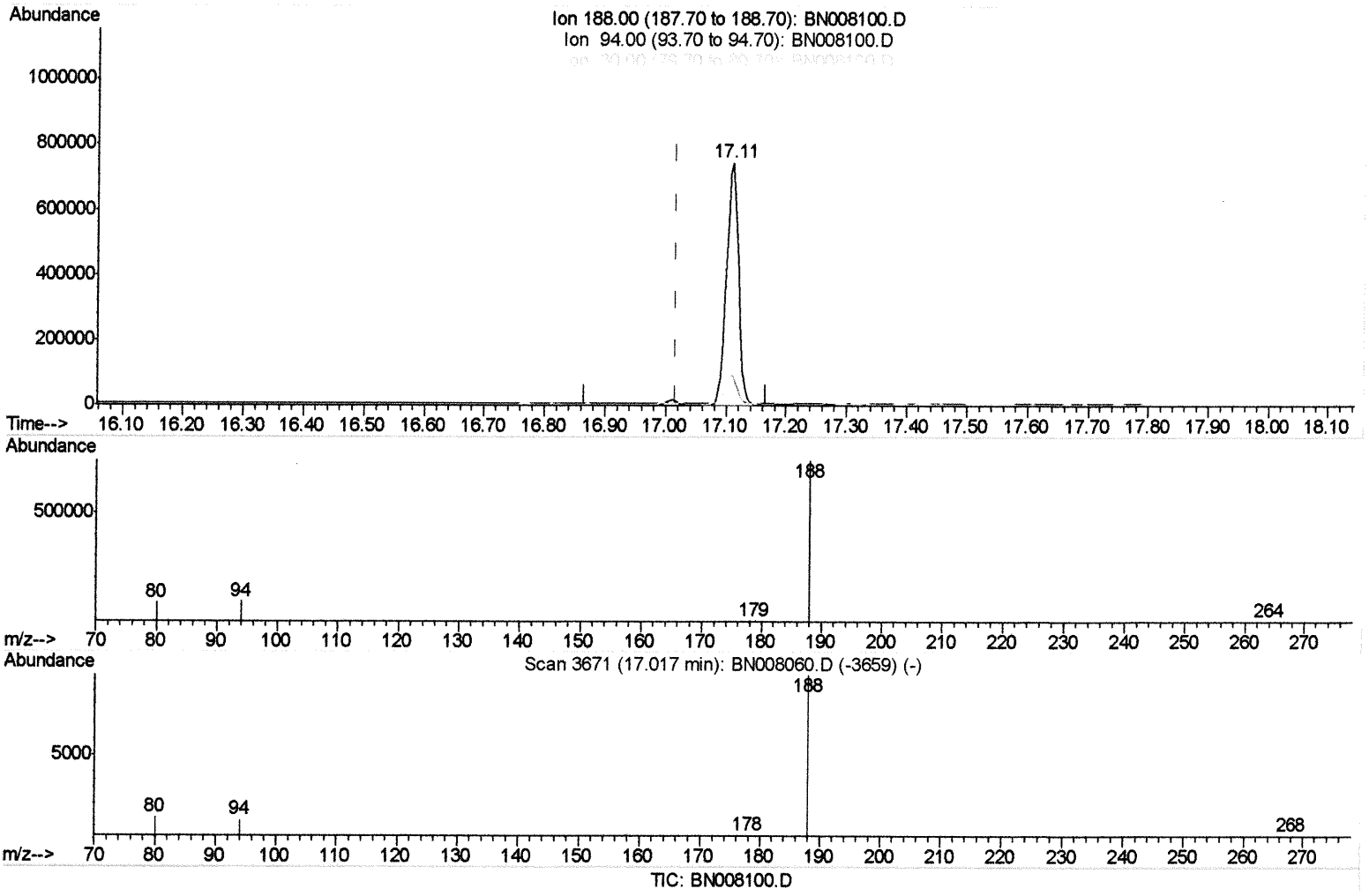
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101119\
Data File : BN008100.D
Acq On : 12 Oct 2019 05:49
Operator : JU
Sample : K5124-17
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Oct 14 15:04:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLMA6

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:03 AM



TIC: BN008100.D

(10) Phenanthrene-d10 (I)

17.110min (+0.093) 0.40ng/ul

response 1044315

Ion	Exp%	Act%
188.00	100	100
94.00	10.90	12.26
80.00	12.60	11.66
0.00	0.00	0.00

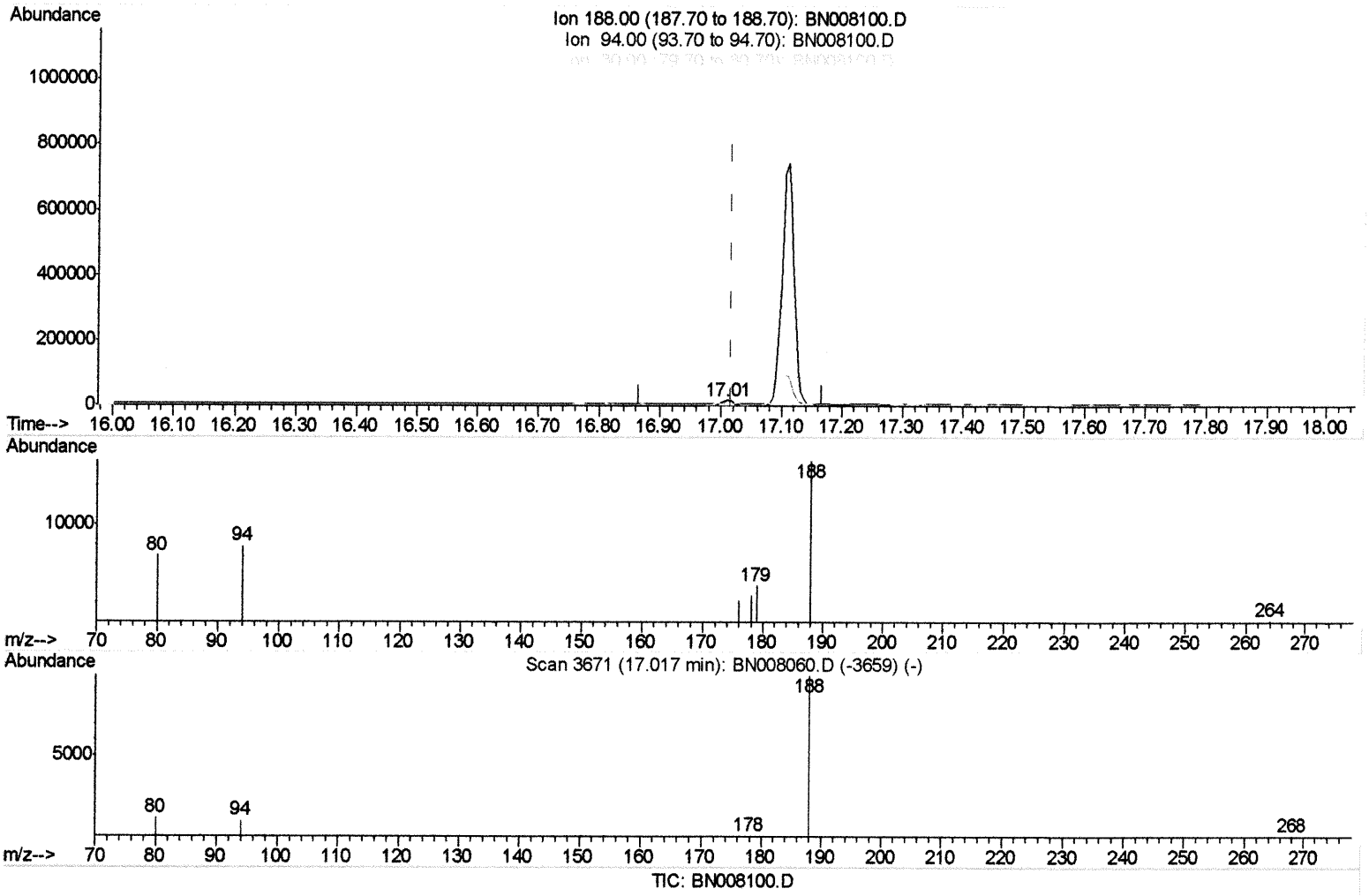
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101119\
Data File : BN008100.D
Acq On : 12 Oct 2019 05:49
Operator : JU
Sample : K5124-17
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Oct 14 15:04:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLMA6

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:03 AM



TIC: BN008100.D

(10) Phenanthrene-d10 (I)

17.009min (-0.008) 0.40ng/ul m JU 10/16/19

response 21731

Ion	Exp%	Act%
188.00	100	100
94.00	10.90	47.49#
80.00	12.60	41.62#
0.00	0.00	0.00

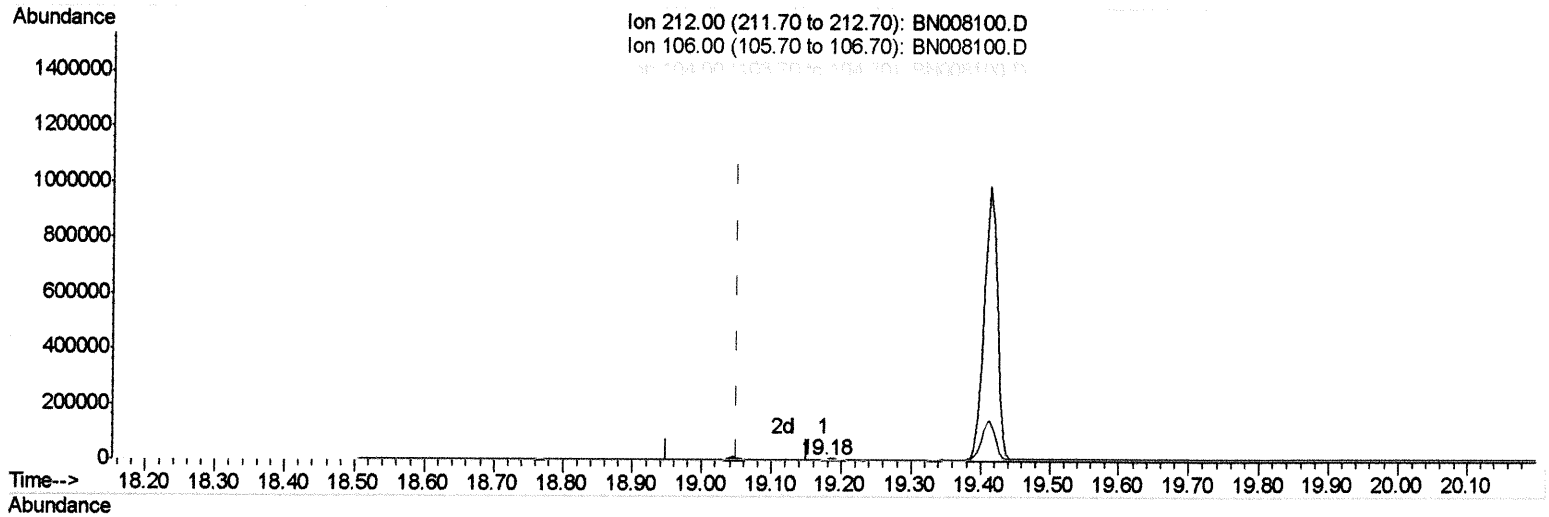
Quantitation Report (Qedit)

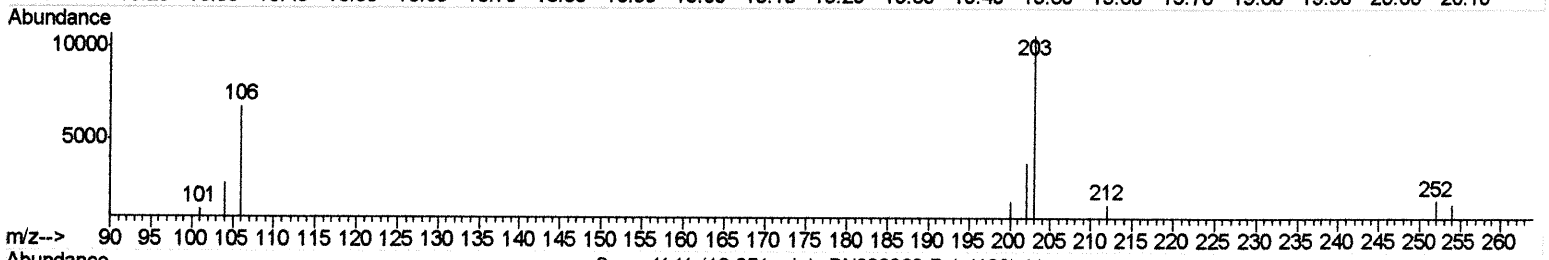
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101119\
Data File : BN008100.D
Acq On : 12 Oct 2019 05:49
Operator : JU
Sample : K5124-17
Misc :
ALS Vial : 33 Sample Multiplier: 1

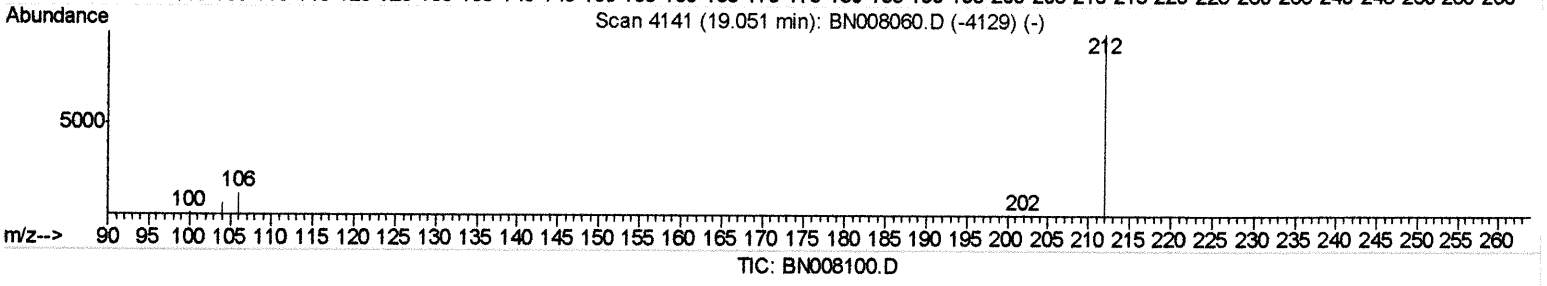
Quant Time: Oct 14 15:36:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLMA6

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:03 AM







(14) Fluoranthene-d10 (SURR)

19.177min (+0.126) 0.00ng/ul

response 205

Ion	Exp%	Act%
212.00	100	100
106.00	12.70	1884.39#
104.00	7.20	547.32#
0.00	0.00	0.00

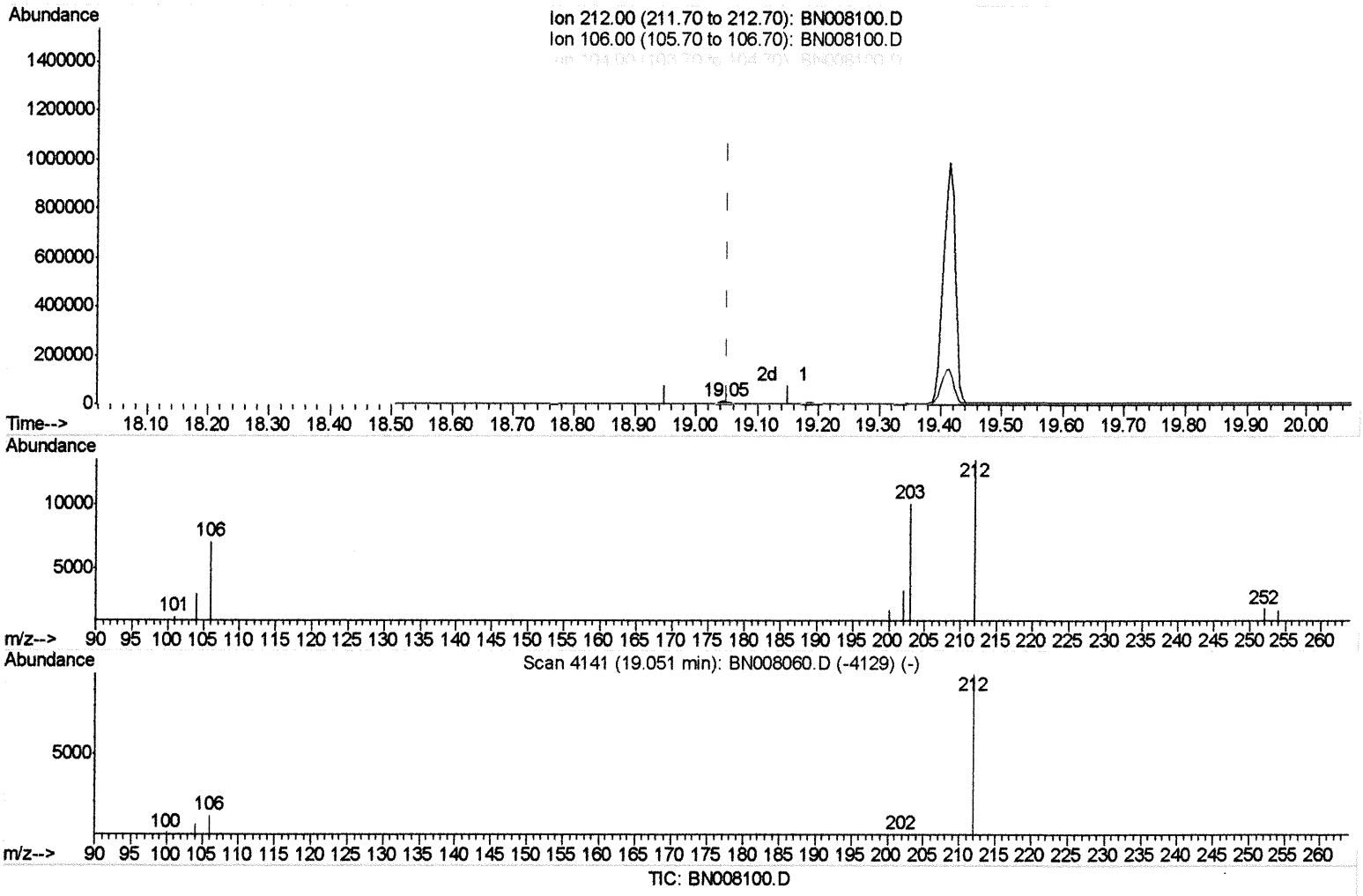
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101119\
Data File : BN008100.D
Acq On : 12 Oct 2019 05:49
Operator : JU
Sample : K5124-17
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Oct 14 15:36:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLMA6

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:03 AM



(14) Fluoranthene-d10 (SURR)

19.047min (-0.004) 0.22ng/ul m JH 10/16/19

response 16301

Ion	Exp%	Act%
212.00	100	100
106.00	12.70	23.70#
104.00	7.20	6.88
0.00	0.00	0.00

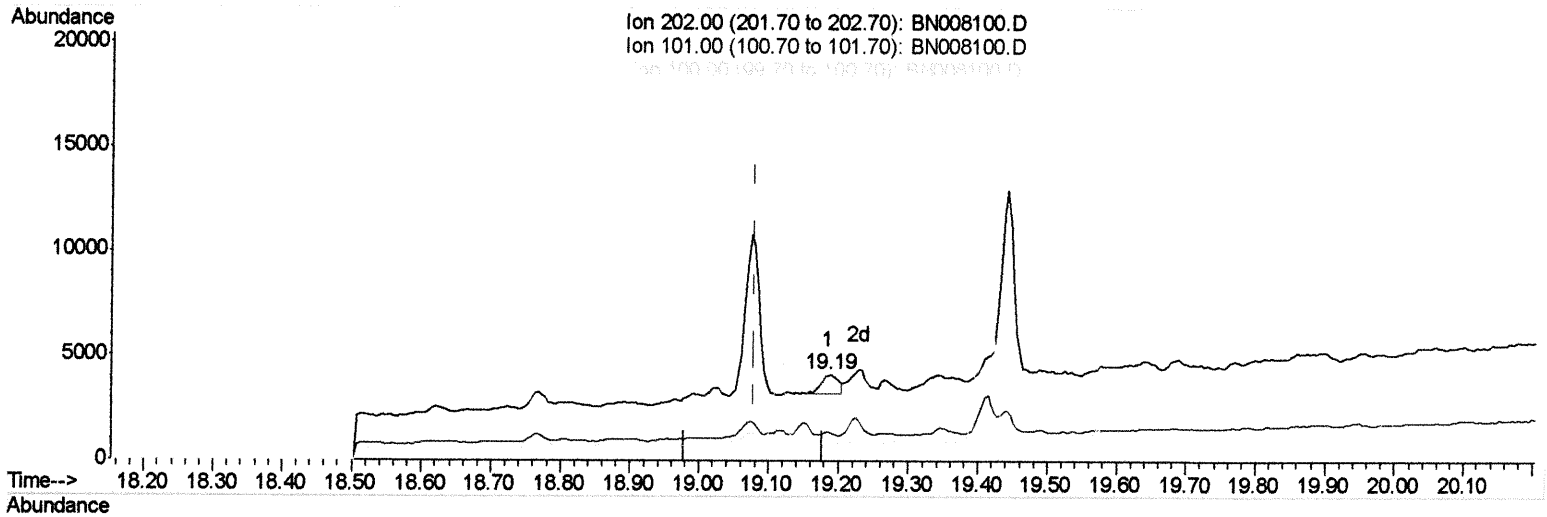
Quantitation Report (Qedit)

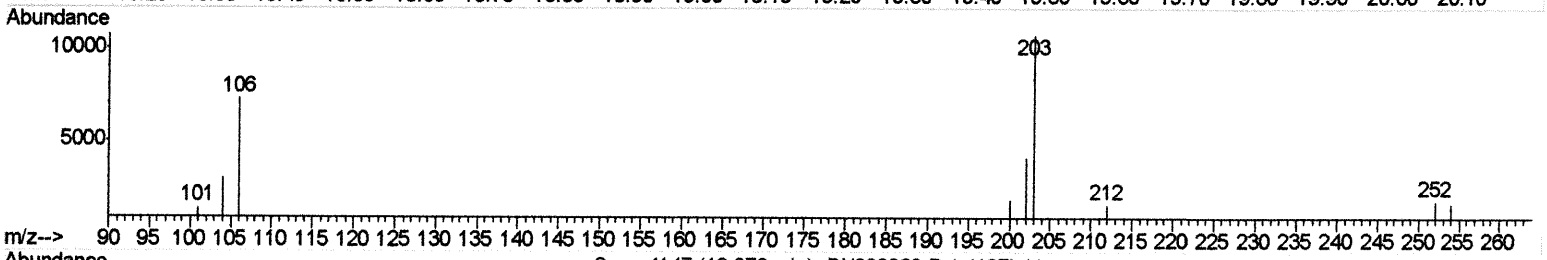
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101119\
Data File : BN008100.D
Acq On : 12 Oct 2019 05:49
Operator : JU
Sample : K5124-17
Misc :
ALS Vial : 33 Sample Multiplier: 1

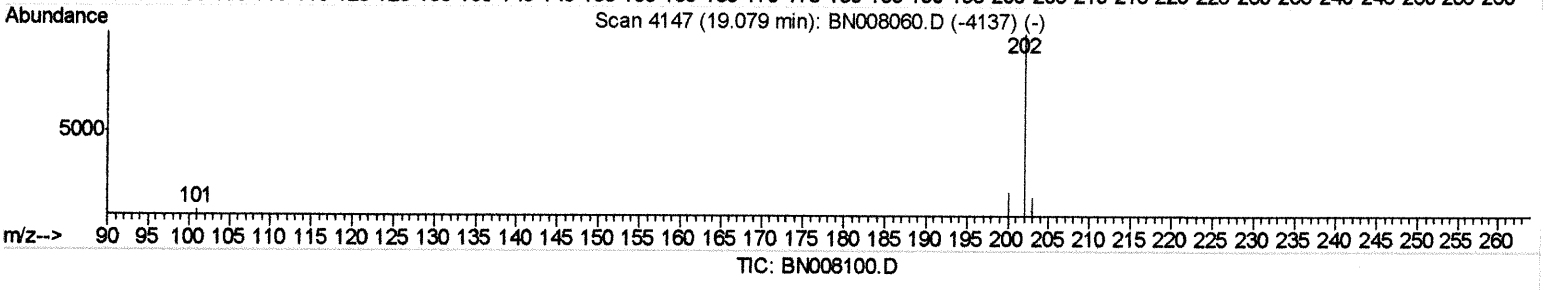
Quant Time: Oct 14 15:36:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLMA6

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:03 AM







TIC: BN008100.D

(15) Fluoranthene (C)

19.186min (+0.107) 0.02ng/ul

response 1556

Ion	Exp%	Act%
202.00	100	100
101.00	11.20	32.88#
100.00	8.50	21.07
0.00	0.00	0.00

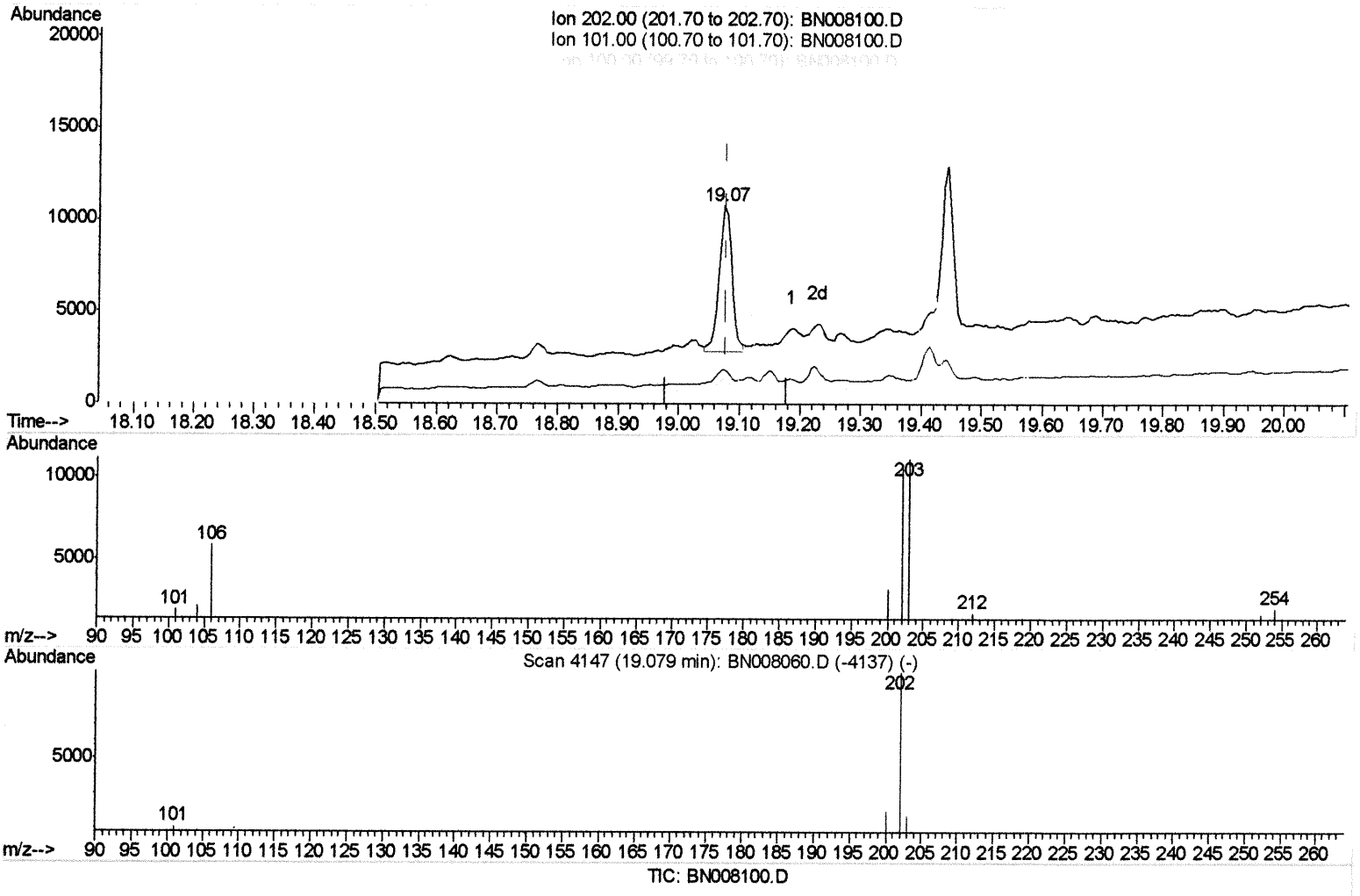
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101119\
Data File : BN008100.D
Acq On : 12 Oct 2019 05:49
Operator : JU
Sample : K5124-17
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Oct 14 15:36:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLMA6

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:03 AM



TIC: BN008100.D

(15) Fluoranthene (C)

19.074min (-0.004) 0.14ng/ul m JL 10/16/19

response 11563

Ion	Exp%	Act%
202.00	100	100
101.00	11.20	17.48
100.00	8.50	12.54
0.00	0.00	0.00

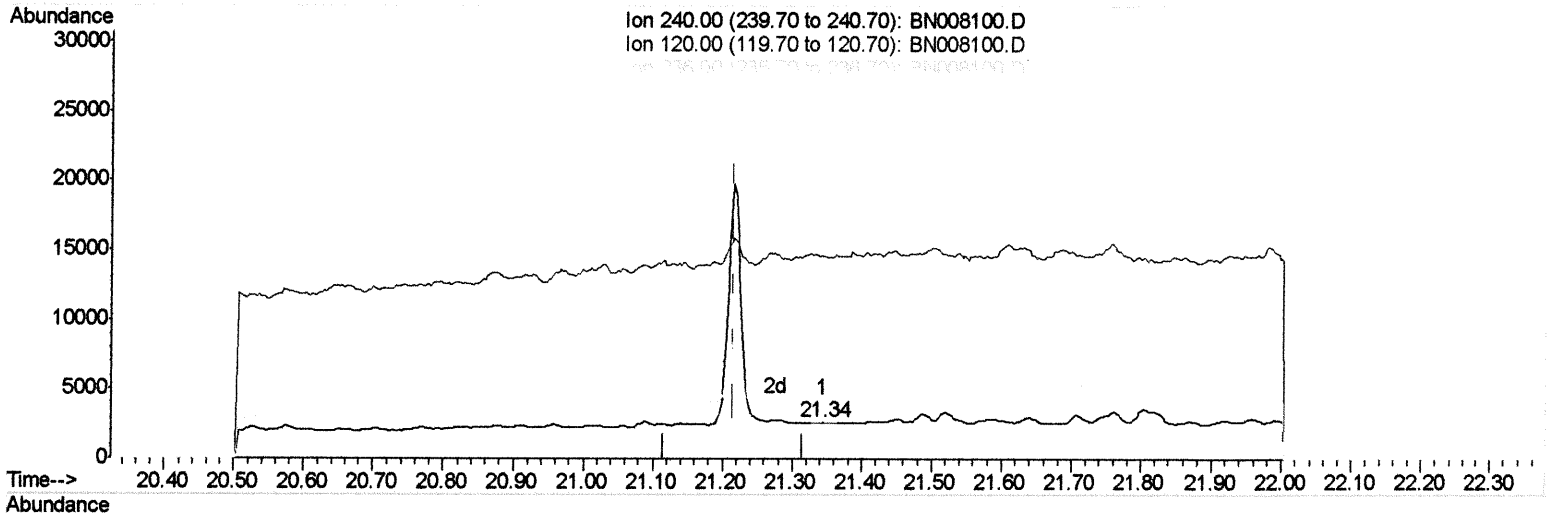
Quantitation Report (Qedit)

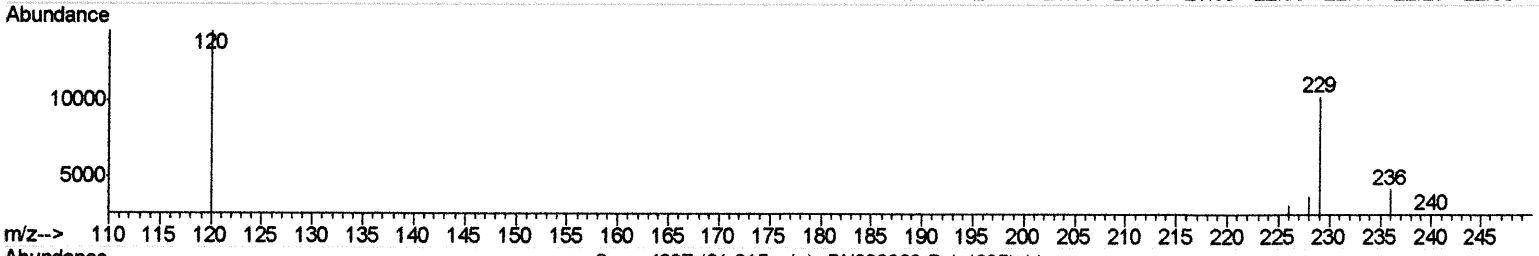
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101119\
Data File : BN008100.D
Acq On : 12 Oct 2019 05:49
Operator : JU
Sample : K5124-17
Misc :
ALS Vial : 33 Sample Multiplier: 1

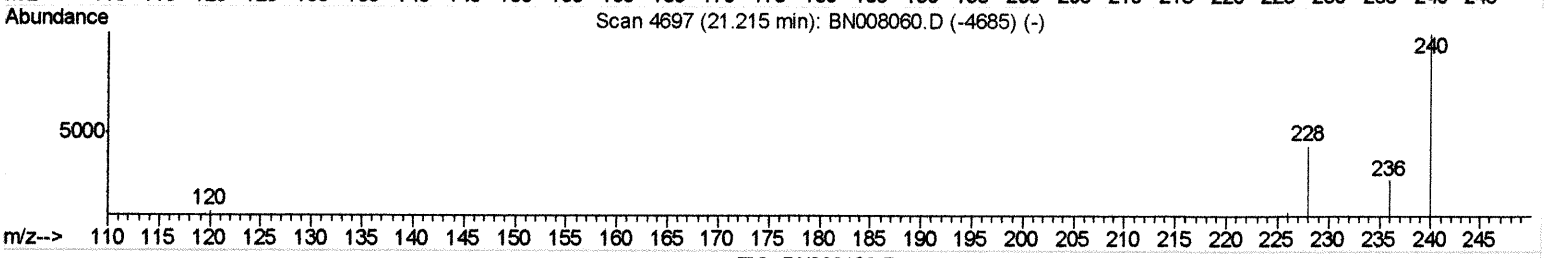
Quant Time: Oct 14 15:36:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLMA6

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:03 AM







TIC: BN008100.D

(16) Chrysene-d12 (I)

21.344min (+0.129) 0.40ng/ul

response 136

Ion	Exp%	Act%
240.00	100	100
120.00	14.70	544.74#
236.00	28.40	159.75#
0.00	0.00	0.00

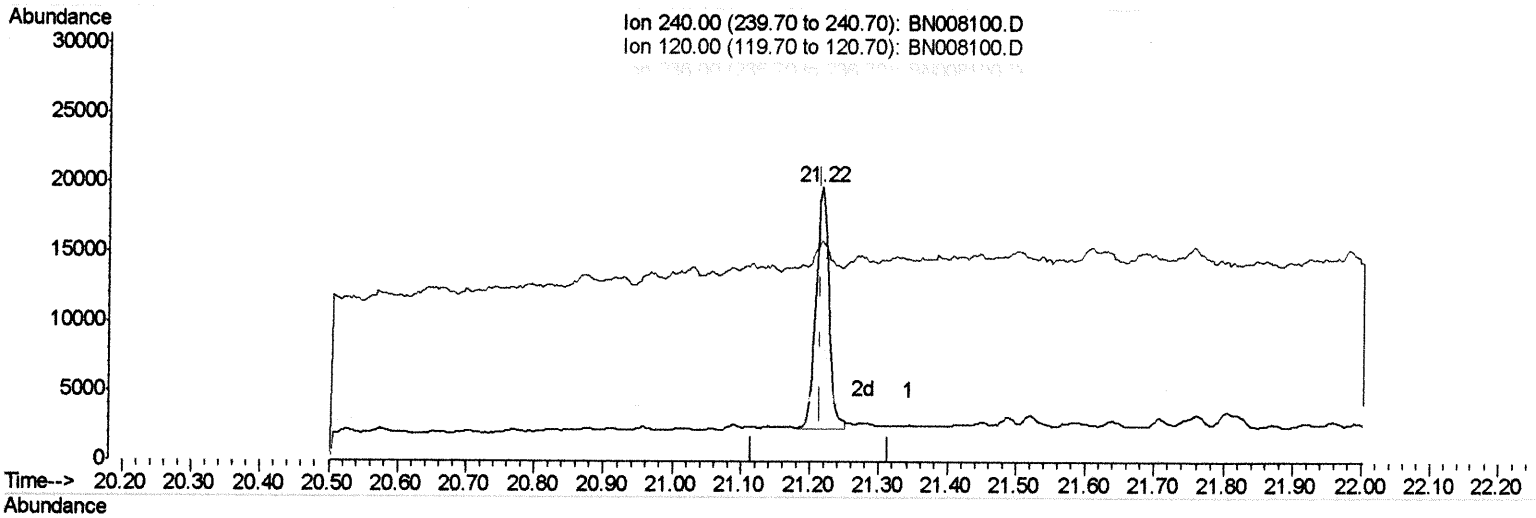
Quantitation Report (Qedit)

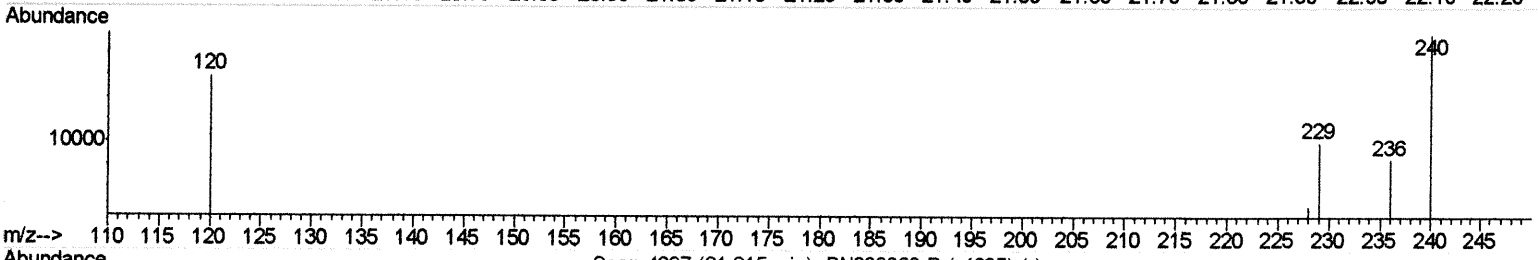
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101119\
Data File : BN008100.D
Acq On : 12 Oct 2019 05:49
Operator : JU
Sample : K5124-17
Misc :
ALS Vial : 33 Sample Multiplier: 1

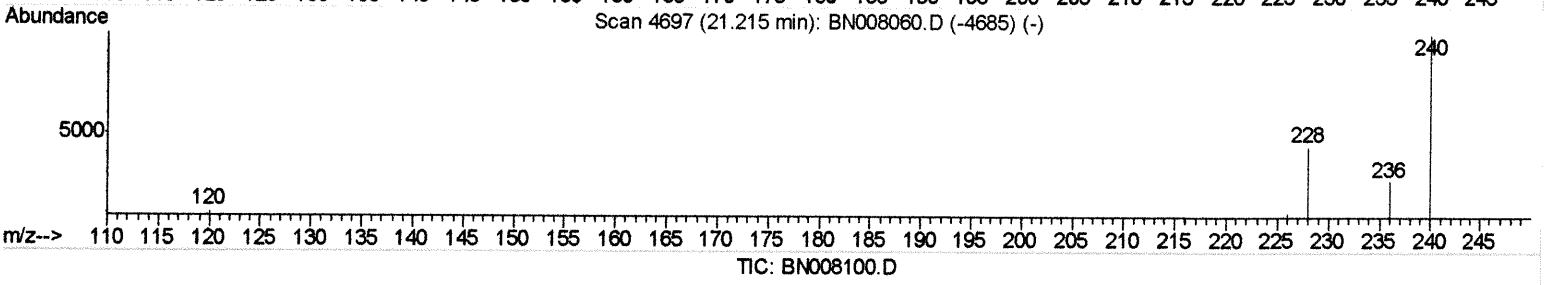
Quant Time: Oct 14 15:36:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLMA6

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:03 AM







TIC: BN008100.D

(16) Chrysene-d12 (I)

21.216min (+0.000) 0.40ng/ul m JL 10/16/19

response 22747

Ion	Exp%	Act%
240.00	100	100
120.00	14.70	80.27#
236.00	28.40	43.20#
0.00	0.00	0.00

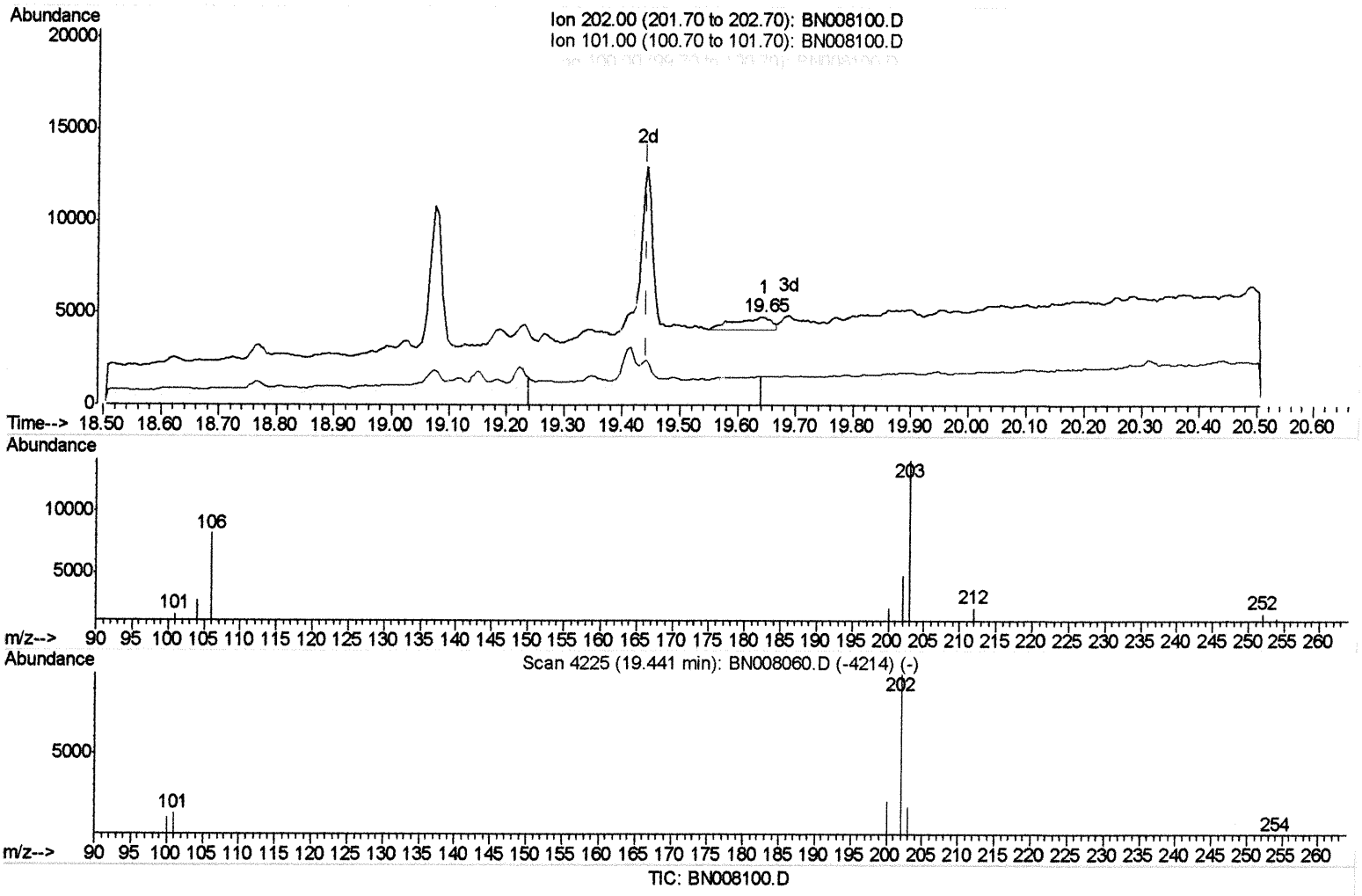
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101119\
Data File : BN008100.D
Acq On : 12 Oct 2019 05:49
Operator : JU
Sample : K5124-17
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Oct 14 15:37:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLMA6

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:03 AM



(17) Pyrene

19.646min (+0.205) 0.03ng/ul

response 2914

Ion	Exp%	Act%
202.00	100	100
101.00	13.60	34.08#
100.00	10.90	23.78#
0.00	0.00	0.00

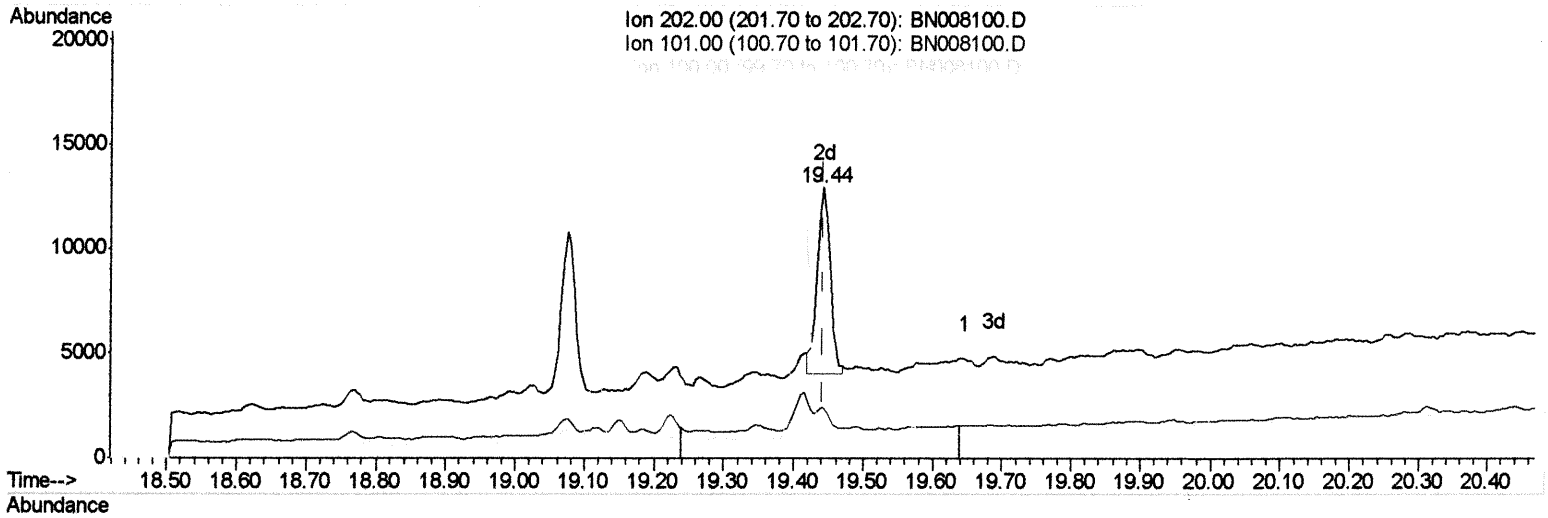
Quantitation Report (Qedit)

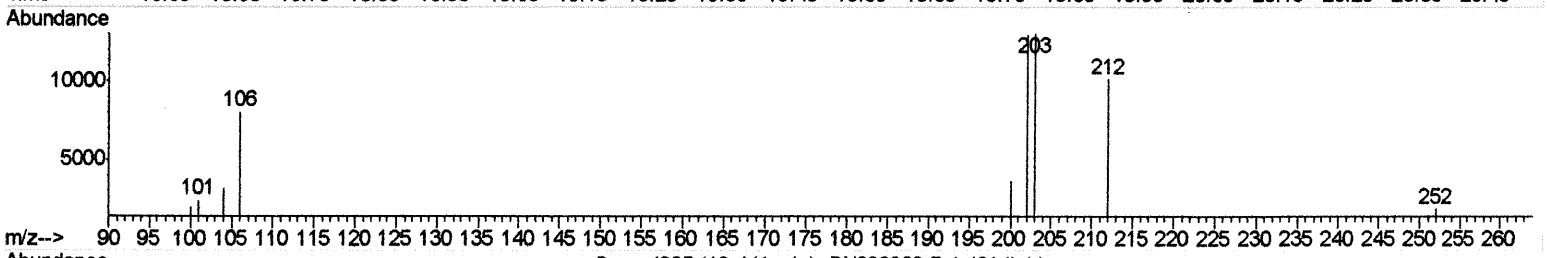
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101119\
Data File : BN008100.D
Acq On : 12 Oct 2019 05:49
Operator : JU
Sample : K5124-17
Misc :
ALS Vial : 33 Sample Multiplier: 1

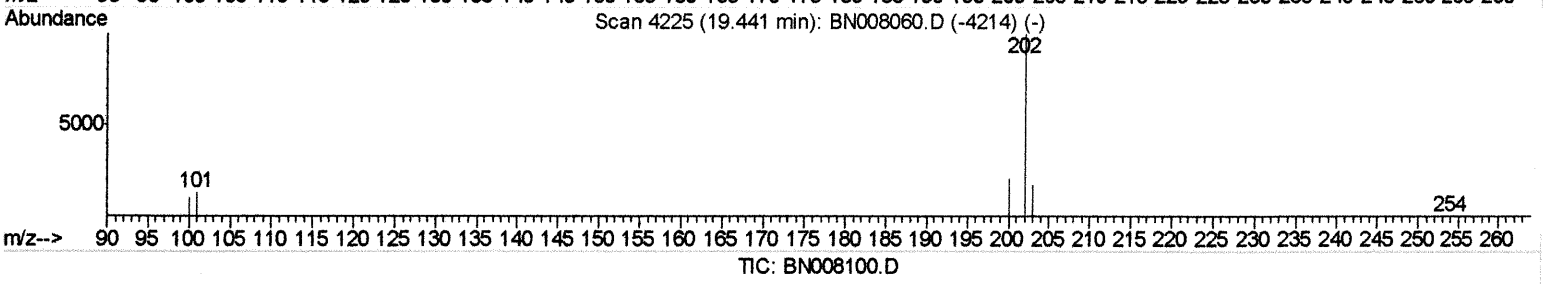
Quant Time: Oct 14 15:37:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLMA6

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:03 AM







TIC: BN008100.D

(17) Pyrene

19.442min (+0.000) 0.13ng/ul m JU 10/16/19

response 11448

Ion	Exp%	Act%
202.00	100	100
101.00	13.60	18.72#
100.00	10.90	15.19#
0.00	0.00	0.00

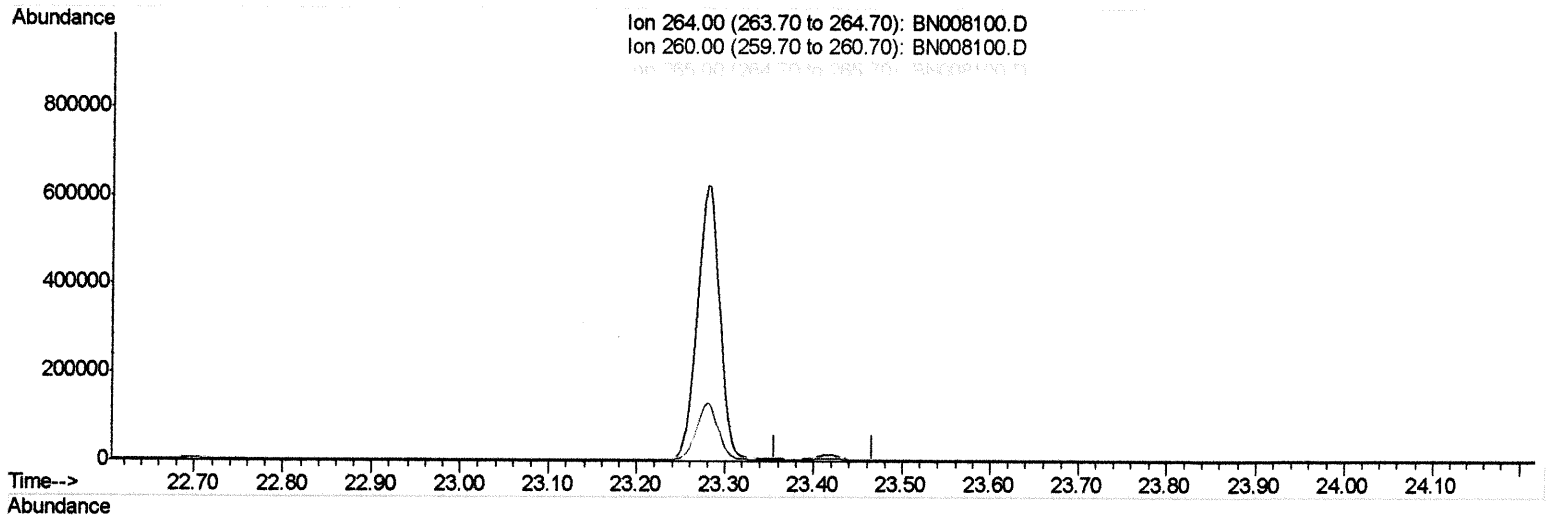
Quantitation Report (Qedit)

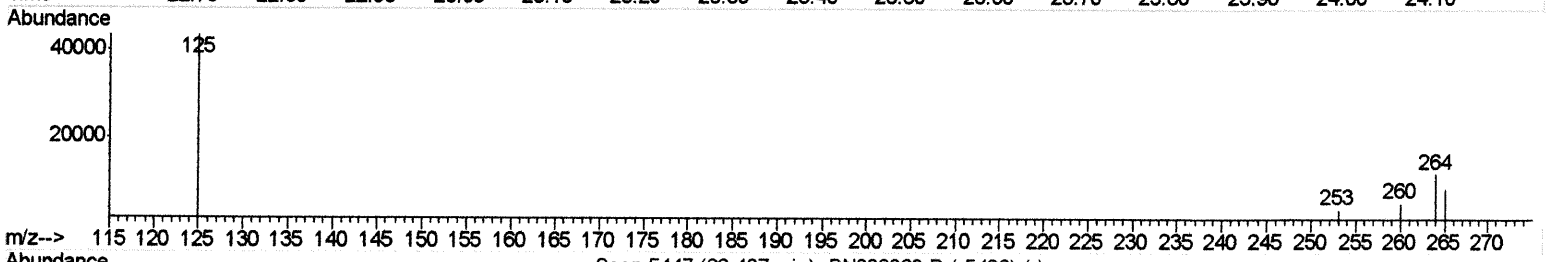
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101119\
Data File : BN008100.D
Acq On : 12 Oct 2019 05:49
Operator : JU
Sample : K5124-17
Misc :
ALS Vial : 33 Sample Multiplier: 1

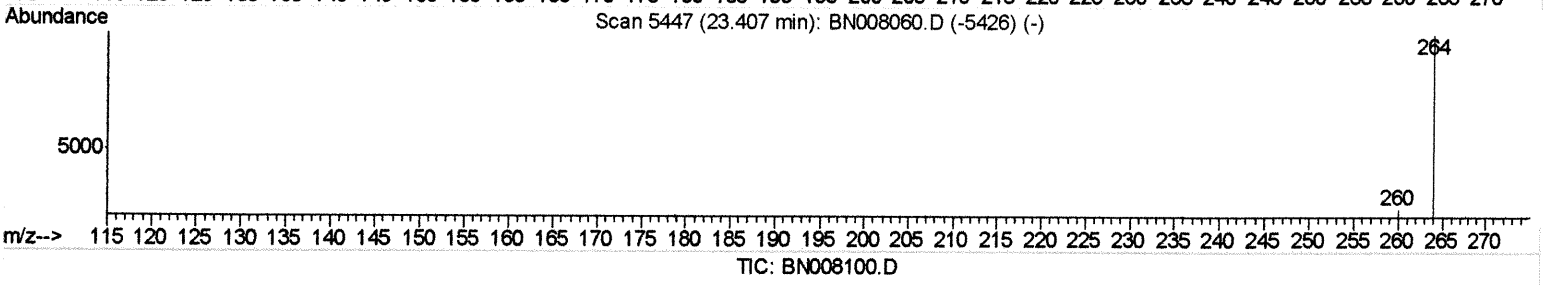
Quant Time: Oct 14 15:37:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLMA6

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:03 AM







TIC: BN008100.D

(20) Perylene-d12 (I)

23.407min (-23.407) 0.00ng/ul

response 0

Ion	Exp%	Act%
264.00	100	0.00
260.00	25.60	0.00#
265.00	74.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101119\
Data File : BN008100.D
Acq On : 12 Oct 2019 05:49
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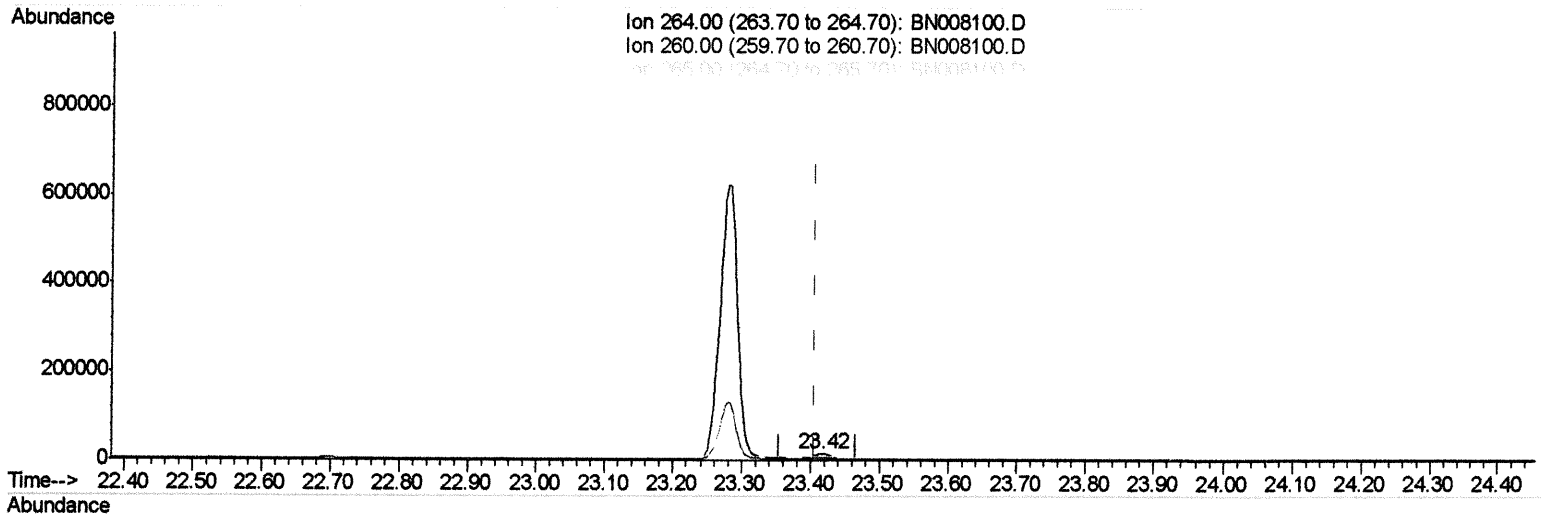
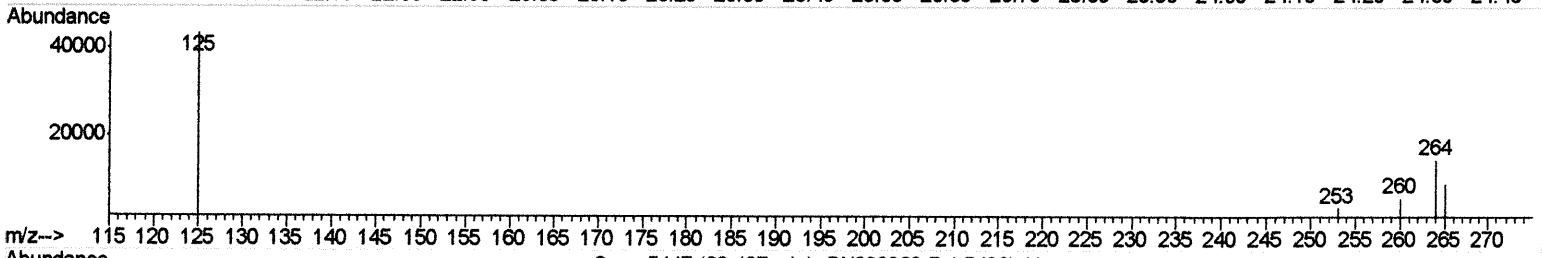
ALS Vial : 33 Sample Multiplier: 1

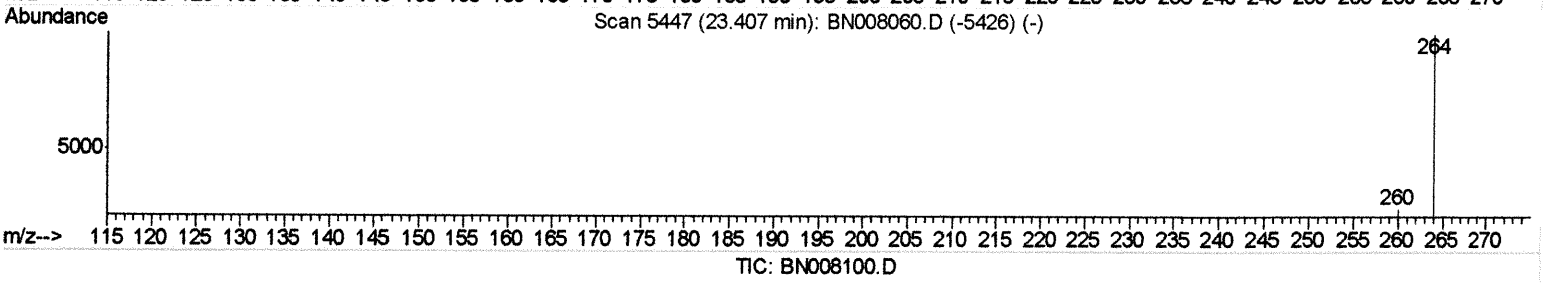
Quant Time: Oct 14 15:37:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLMA6

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:03 AM







(20) Perylene-d12 (I)

23.416min (+0.009) 0.40ng/ul m JU 10/16/19

response 18747

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	40.80#
265.00	74.00	62.62
0.00	0.00	0.00

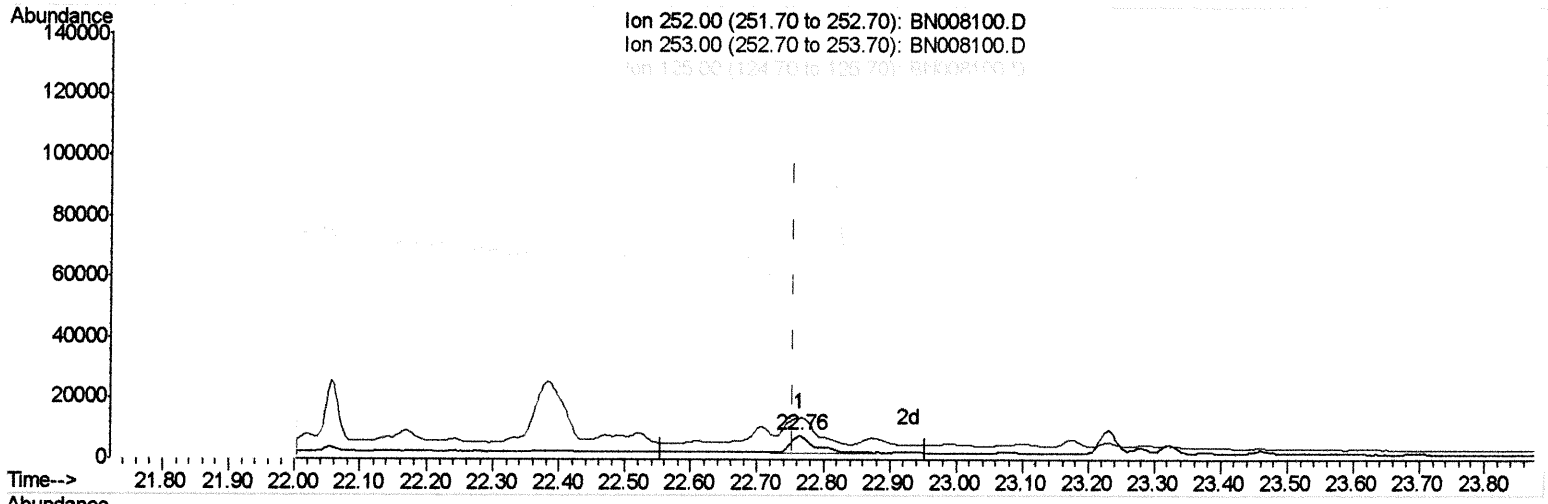
Quantitation Report (Qedit)

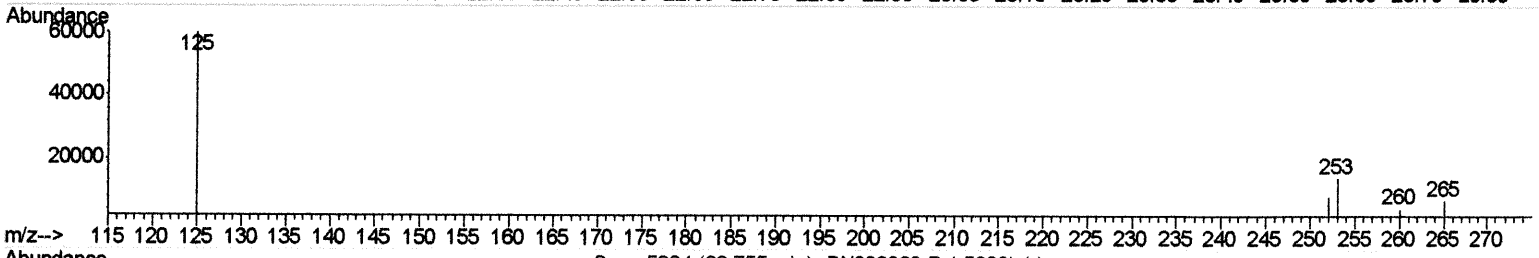
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101119\
Data File : BN008100.D
Acq On : 12 Oct 2019 05:49
Operator : JU
Sample : K5124-17
Misc :
ALS Vial : 33 Sample Multiplier: 1

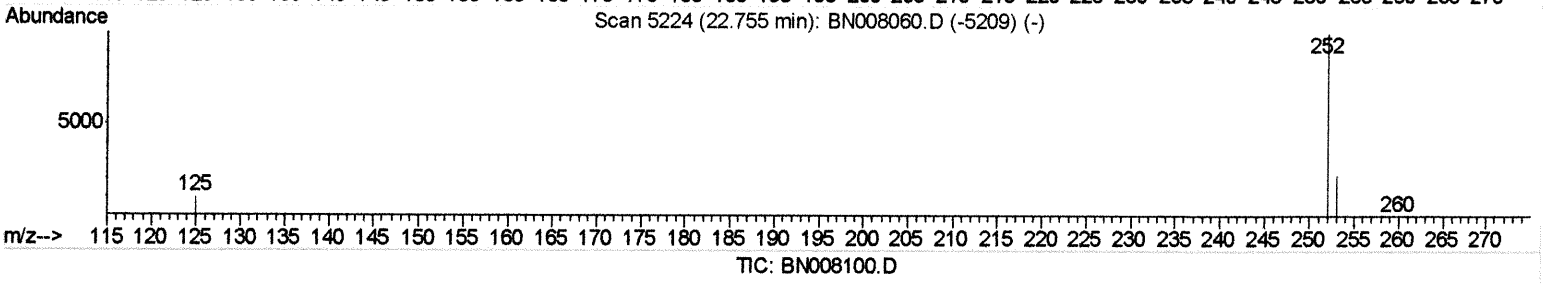
Quant Time: Oct 14 15:38:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLMA6

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:03 AM







TIC: BN008100.D

(21) Benzo(b)fluoranthene

22.764min (+0.009) 0.23ng/ul

response 14172

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	176.55#
125.00	16.20	766.80#
0.00	0.00	0.00

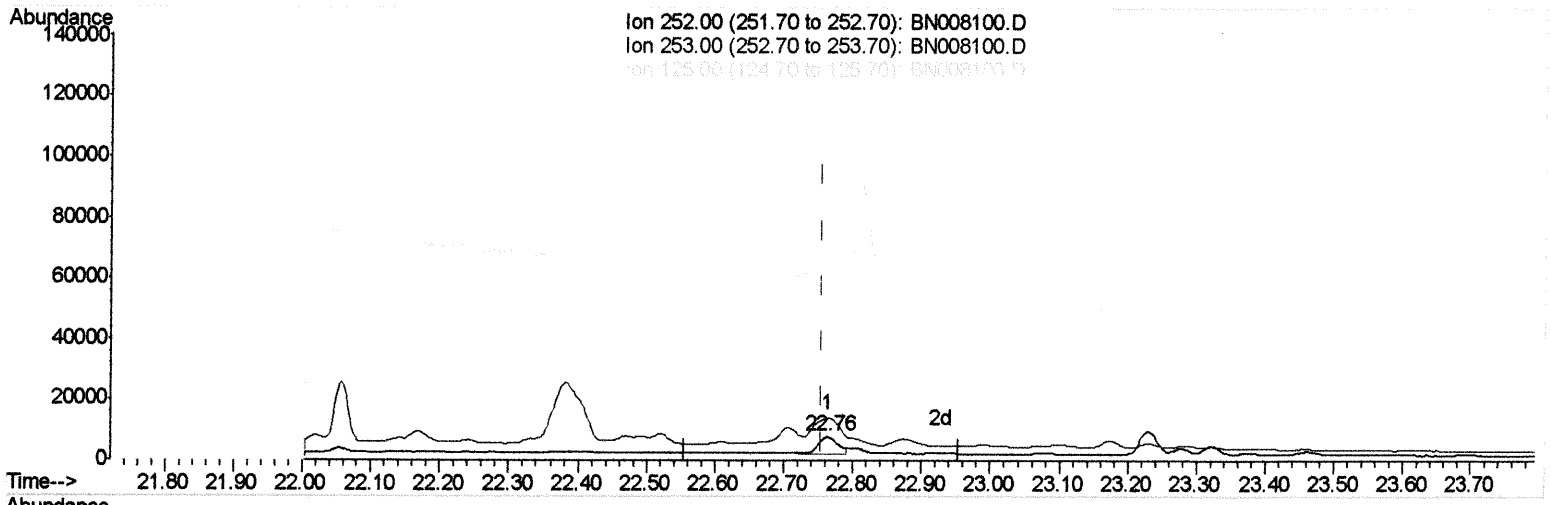
Quantitation Report (Qedit)

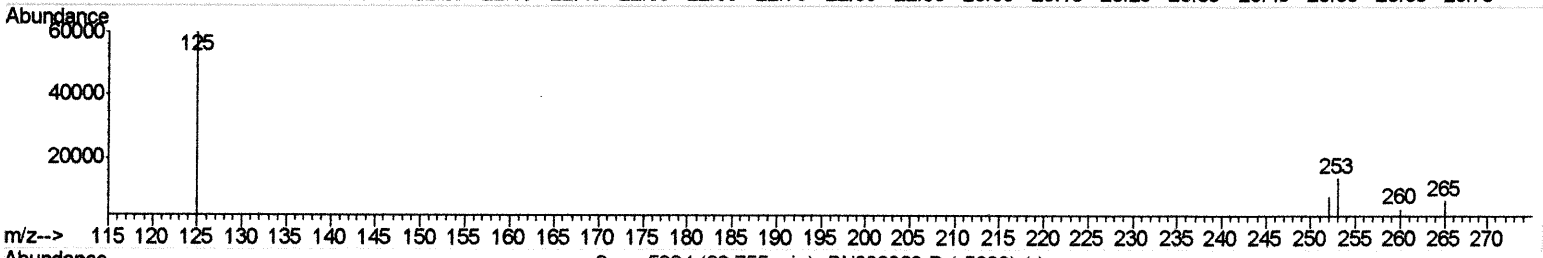
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101119\
Data File : BN008100.D
Acq On : 12 Oct 2019 05:49
Operator : JU
Sample : K5124-17
Misc :
ALS Vial : 33 Sample Multiplier: 1

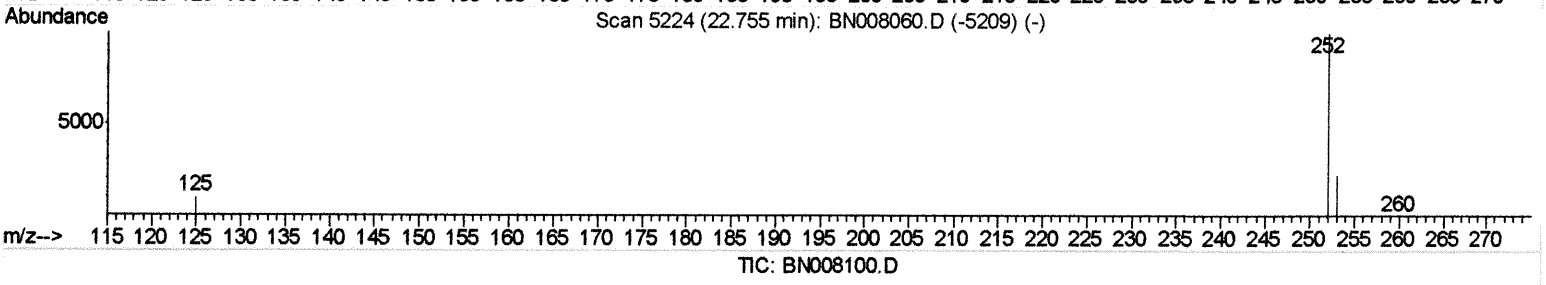
Quant Time: Oct 14 15:38:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLMA6

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:03 AM







TIC: BN008100.D

(21) Benzo(b)fluoranthene

22.764min (+0.009) 0.18ng/ul m JL 10/16/19

response 11053

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	176.55#
125.00	16.20	766.80#
0.00	0.00	0.00

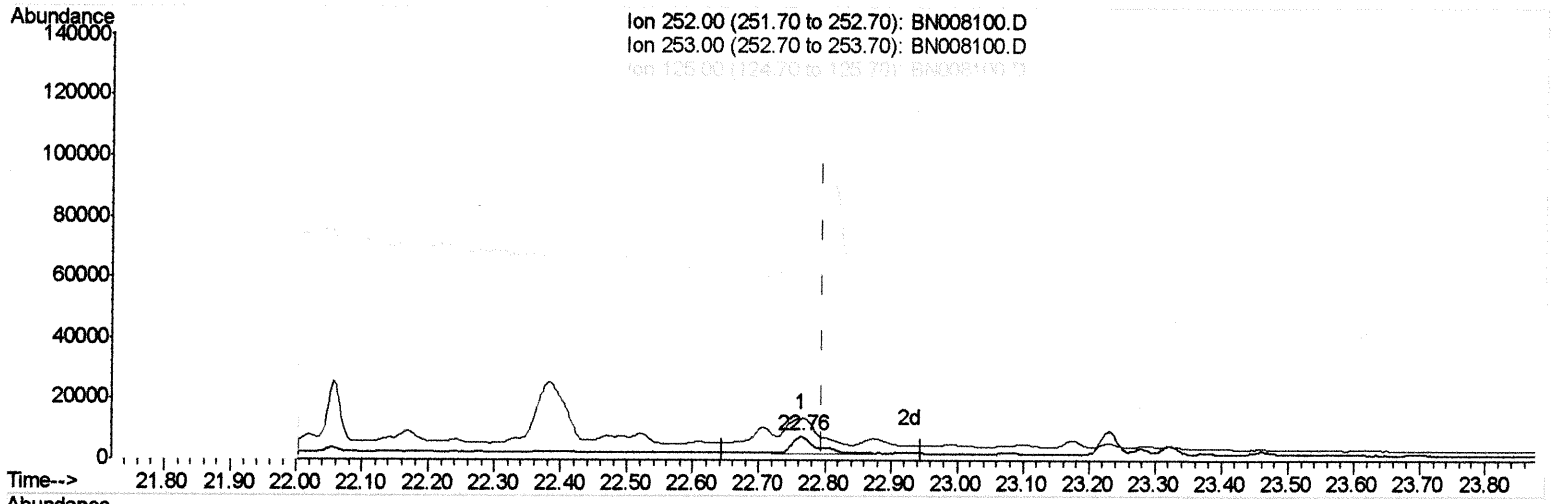
Quantitation Report (Qedit)

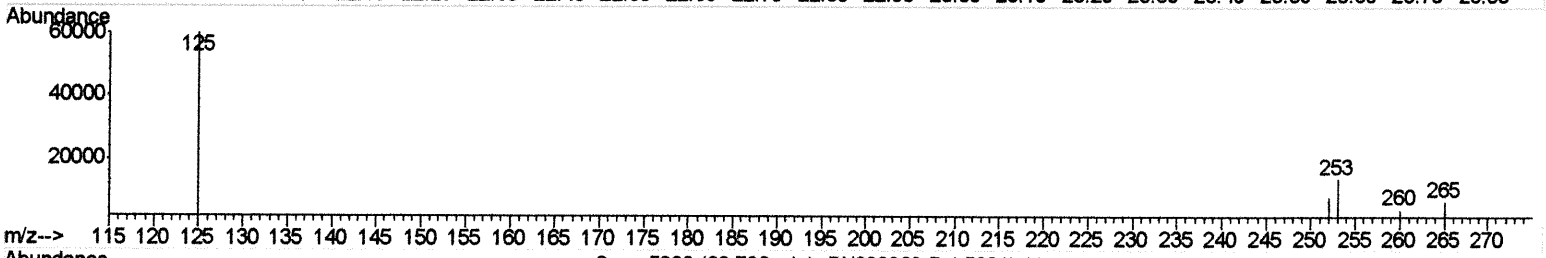
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101119\
Data File : BN008100.D
Acq On : 12 Oct 2019 05:49
Operator : JU
Sample : K5124-17
Misc :
ALS Vial : 33 Sample Multiplier: 1

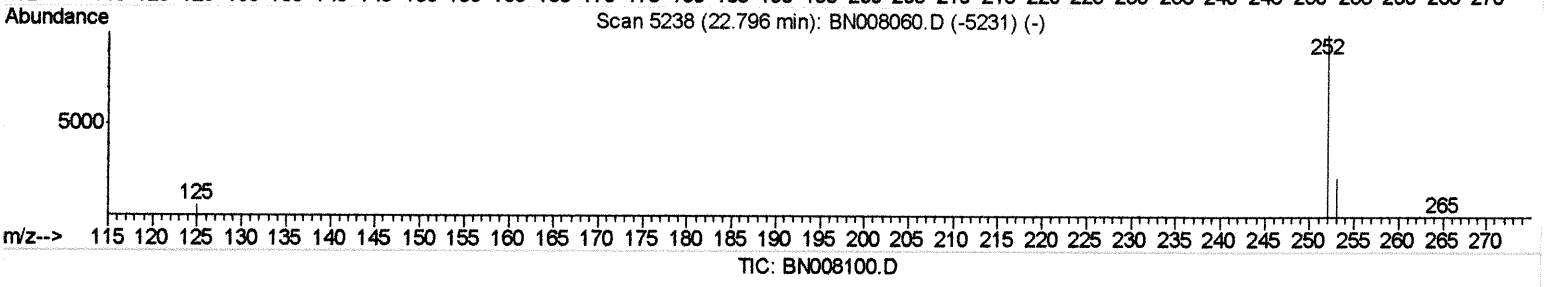
Quant Time: Oct 14 15:38:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLMA6

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:03 AM







(22) Benzo(k)fluoranthene

22.764min (-0.032) 0.20ng/ul

response 14172

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	176.55#
125.00	15.40	766.80#
0.00	0.00	0.00

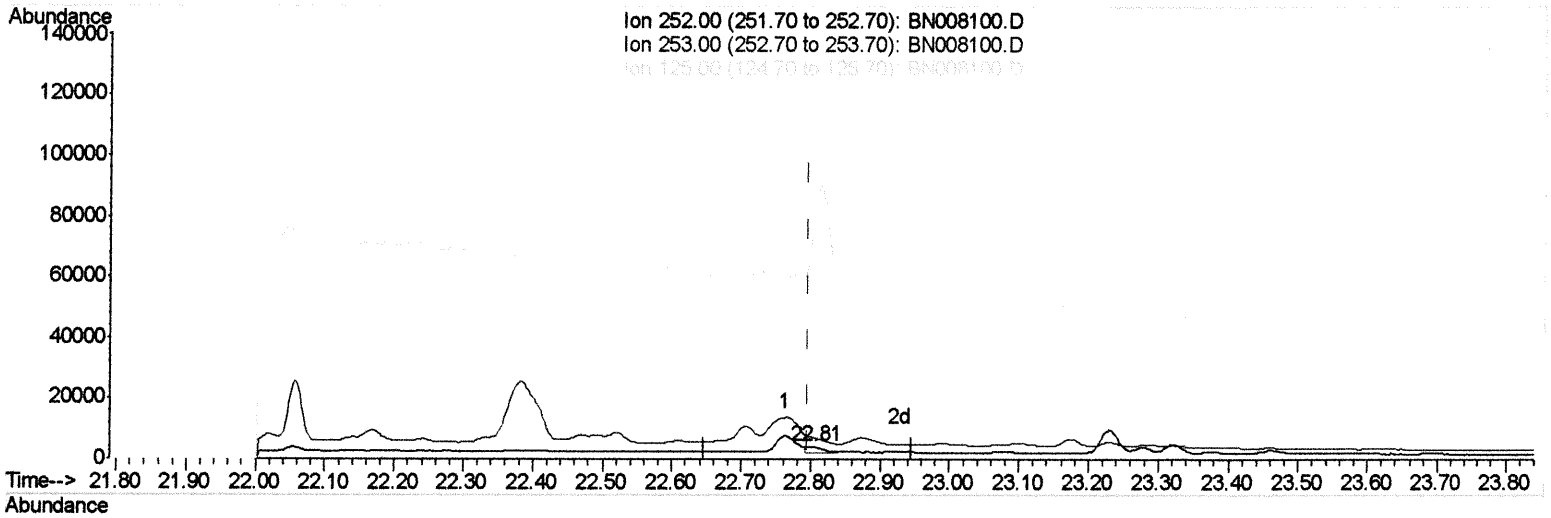
Quantitation Report (Qedit)

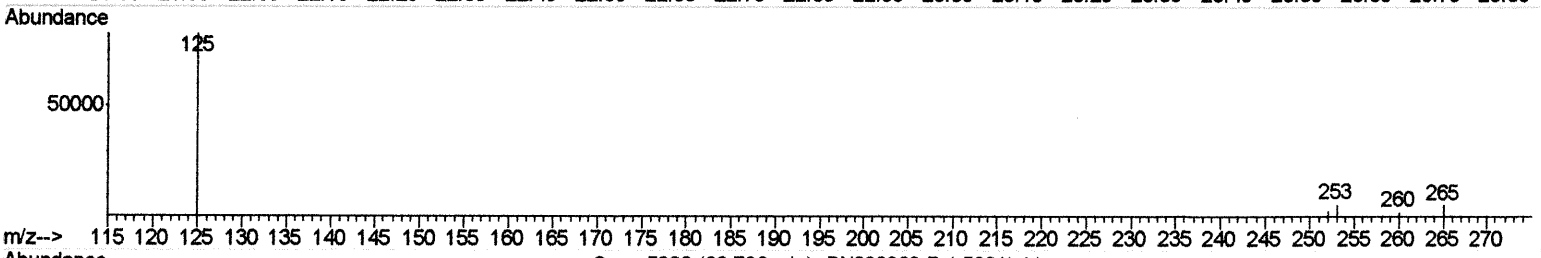
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101119\
Data File : BN008100.D
Acq On : 12 Oct 2019 05:49
Operator : JU
Sample : K5124-17
Misc :
ALS Vial : 33 Sample Multiplier: 1

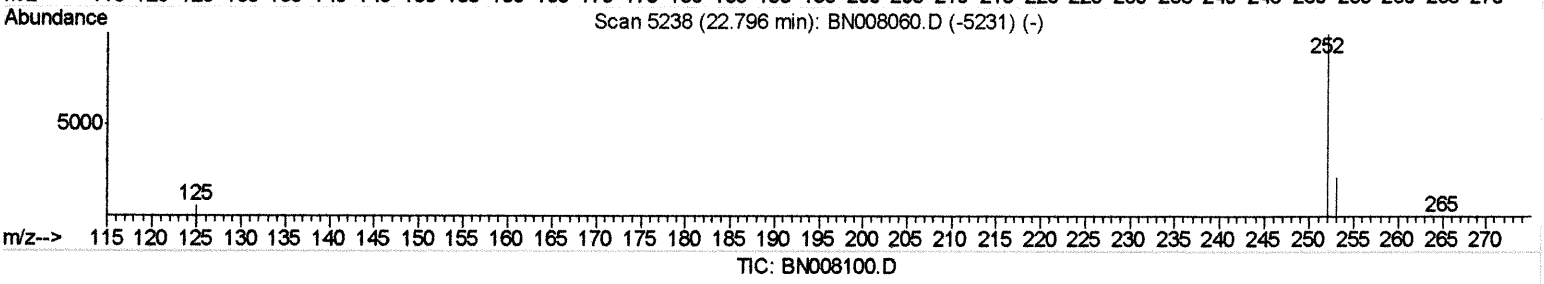
Quant Time: Oct 14 15:38:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLMA6

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:03 AM







TIC: BN008100.D

(22) Benzo(k)fluoranthene

22.805min (+0.009) 0.05ng/ul m JU 10/16/19

response 3292

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	173.88#
125.00	15.40	1972.99#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101119\
Data File : BN008100.D
Acq On : 12 Oct 2019 05:49
Operator : JU
Sample : K5124-17
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLMA6

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:03 AM

Quant Time: Oct 14 15:39:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3068	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.39	136	14381	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	11875	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	21731m	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	22747m	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	18747m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	4901	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	16301m	0.22	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.44	128	992	0.024	ng/ul#	73
5) 2-Methylnaphthalene	12.07	142	601	0.021	ng/ul	84
15) Fluoranthene	19.07	202	11563m	0.138	ng/ul	
17) Pyrene	19.44	202	11448m	0.126	ng/ul	
21) Benzo(b)fluoranthene	22.76	252	11053m	0.181	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	3292m	0.048	ng/ul	
23) Benzo(a)pyrene	23.32	252	4754	0.074	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.60	276	6297	0.083	ng/ul#	57
25) Dibenzo(a,h)anthracene	25.61	278	1219	0.020	ng/ul#	1
26) Benzo(g,h,i)perylene	26.26	276	19745	0.285	ng/ul#	41

JU 10/16/19

JU 10/16/19

JU 10/16/19

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