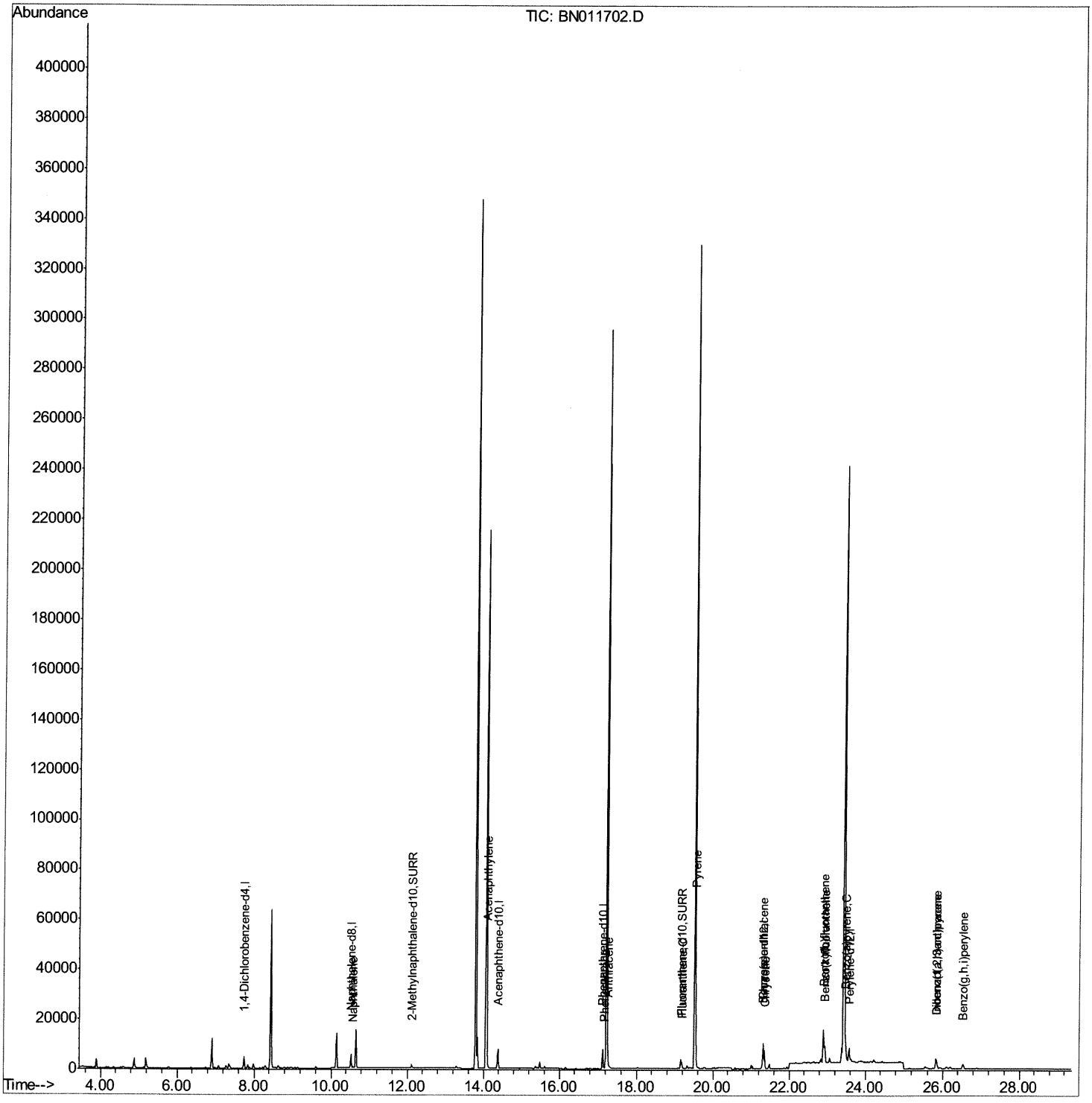
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN090420\
Data File : BN011702.D
Acq On : 04 Sep 2020 15:08
Operator : CG/JU
Sample : L3840-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 08 11:04:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 04 13:19:04 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB1

Manual Integrations APPROVED
mohammad
9/8/2020 1:46:41 PM



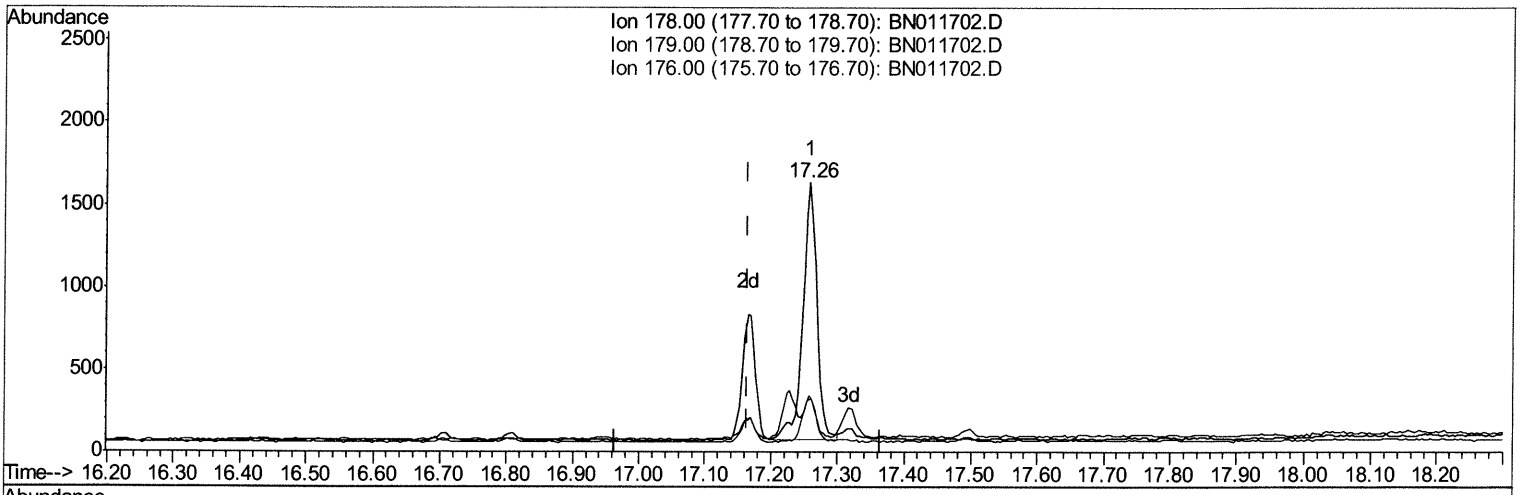
Quantitation Report (Qedit)

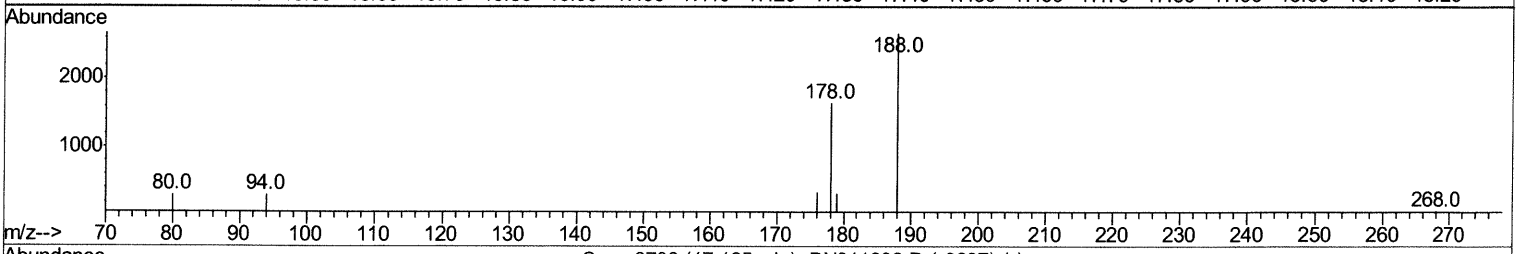
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN090420\
Data File : BN011702.D
Acq On : 04 Sep 2020 15:08
Operator : CG/JU
Sample : L3840-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

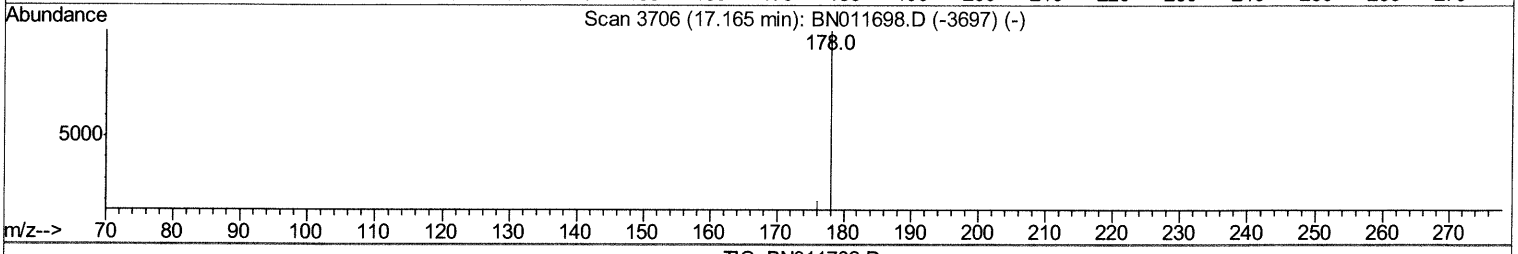
Quant Time: Sep 04 15:41:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 04 13:19:04 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB1

Manual Integrations APPROVED
mohammad
9/8/2020 1:46:41 PM







TIC: BN011702.D

(12) Phenanthrene

17.258min (+0.093) 0.08ng/ul

response 2317

Ion	Exp%	Act%
178.00	100	100
179.00	17.30	19.66
176.00	20.40	20.88
0.00	0.00	0.00

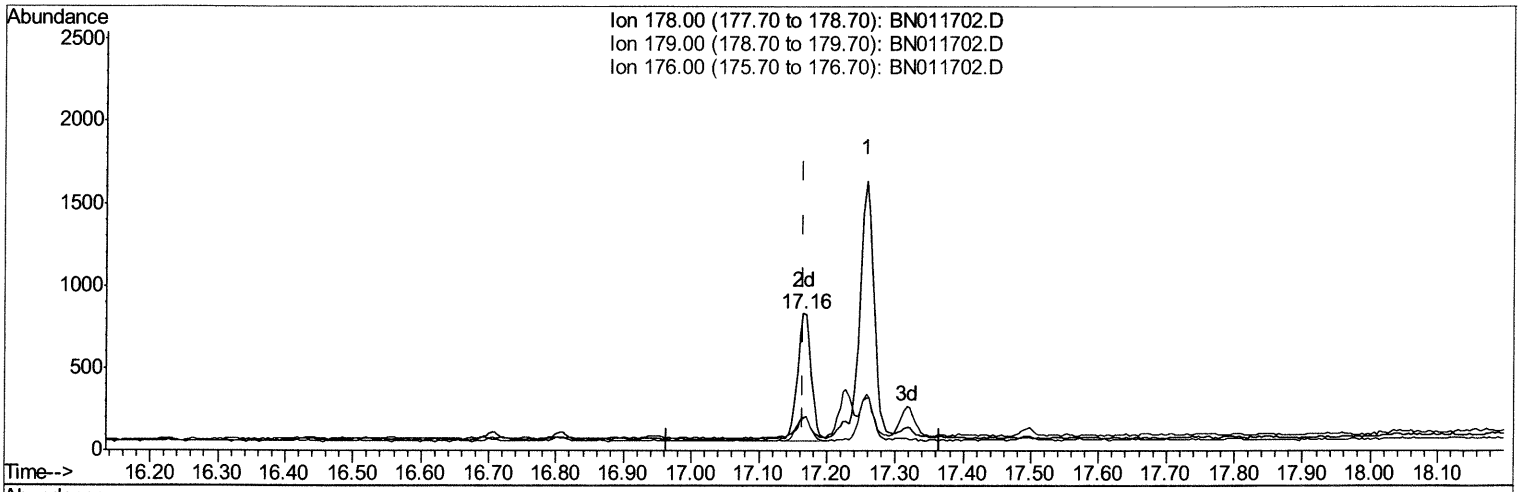
Quantitation Report (Qedit)

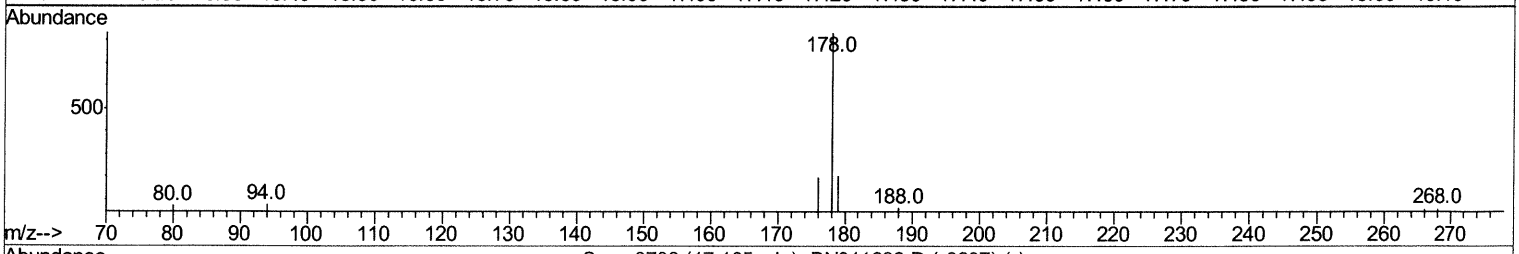
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN090420\
Data File : BN011702.D
Acq On : 04 Sep 2020 15:08
Operator : CG/JU
Sample : L3840-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

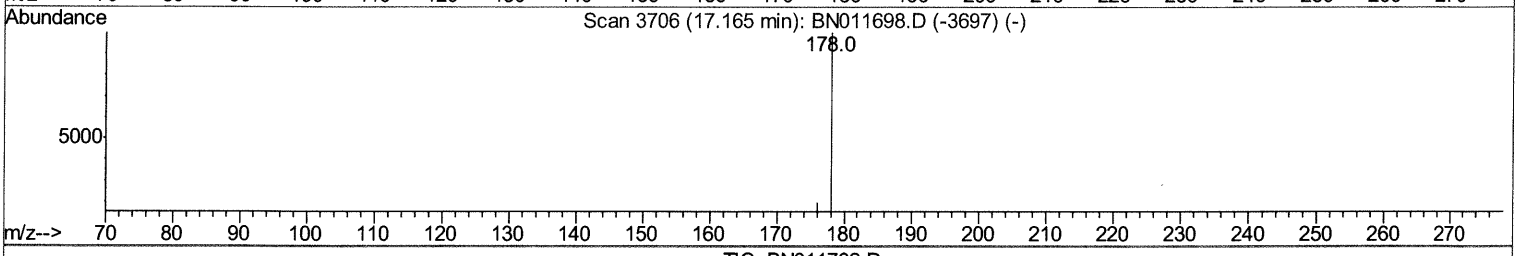
Quant Time: Sep 04 15:41:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 04 13:19:04 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB1

Manual Integrations APPROVED
mohammad
9/8/2020 1:46:41 PM







TIC: BN011702.D

(12) Phenanthrene

17.165min (-0.000) 0.04ng/ul m 09/09/20 JU

response 1115

Ion	Exp%	Act%
178.00	100	100
179.00	17.30	24.13#
176.00	20.40	23.41
0.00	0.00	0.00

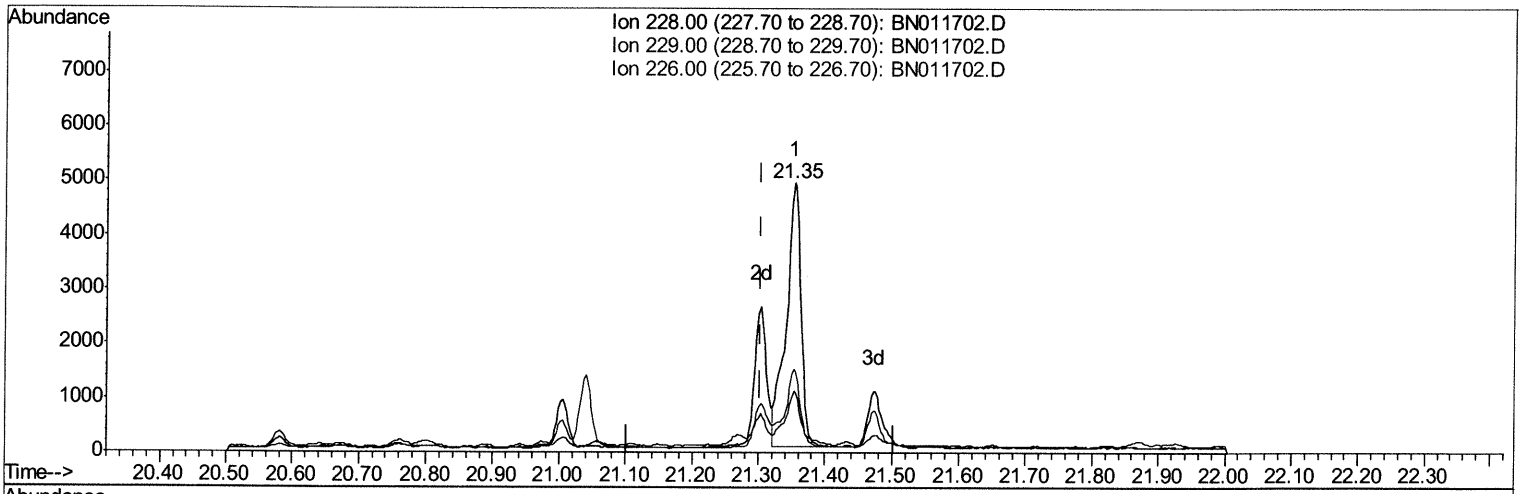
Quantitation Report (Qedit)

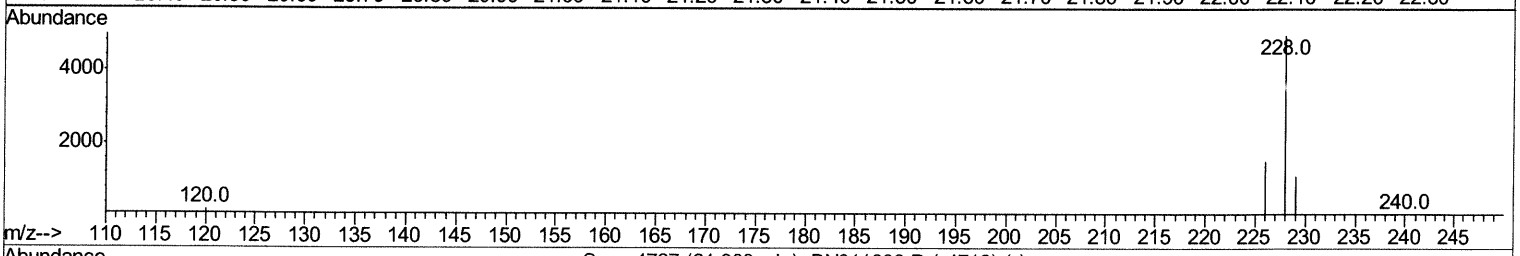
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN090420\
Data File : BN011702.D
Acq On : 04 Sep 2020 15:08
Operator : CG/JU
Sample : L3840-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

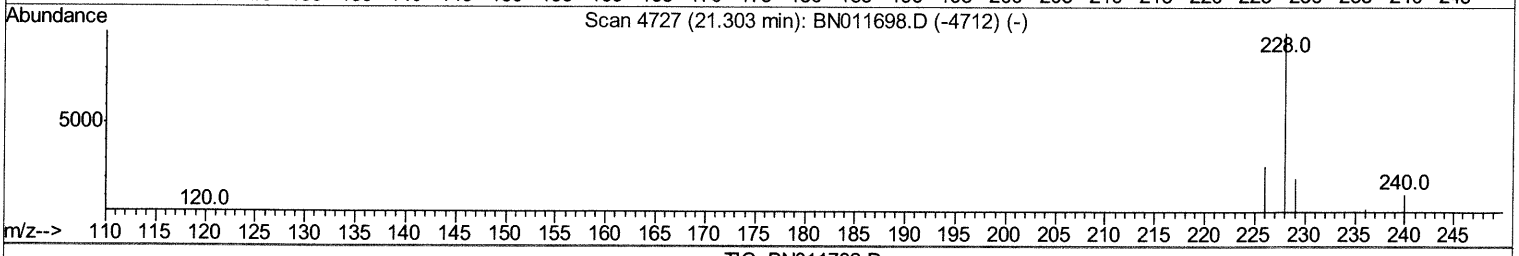
Quant Time: Sep 04 15:41:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 04 13:19:04 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB1

Manual Integrations APPROVED
mohammad
9/8/2020 1:46:41 PM







TIC: BN011702.D

(18) Benzo(a)anthracene

21.353min (+0.050) 0.30ng/ul

response 7556

Ion	Exp%	Act%
228.00	100	100
229.00	20.90	22.66
226.00	28.60	30.98
0.00	0.00	0.00

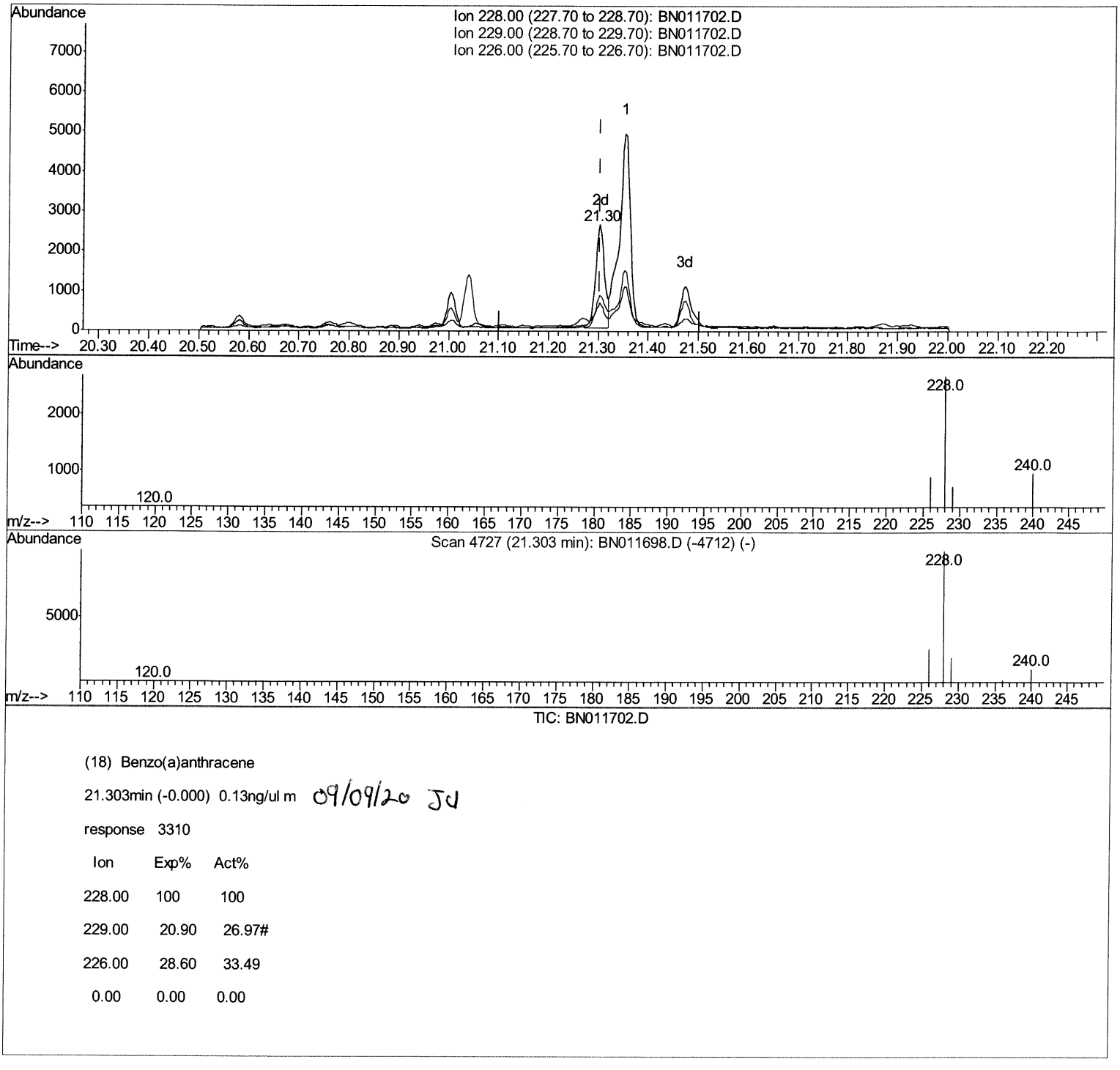
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN090420\
Data File : BN011702.D
Acq On : 04 Sep 2020 15:08
Operator : CG/JU
Sample : L3840-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 04 15:41:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 04 13:19:04 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB1

Manual Integrations APPROVED
mohammad
9/8/2020 1:46:41 PM



TIC: BN011702.D

(18) Benzo(a)anthracene

21.303min (-0.000) 0.13ng/ul m 09/09/20 JU

response 3310

Ion	Exp%	Act%
228.00	100	100
229.00	20.90	26.97#
226.00	28.60	33.49
0.00	0.00	0.00

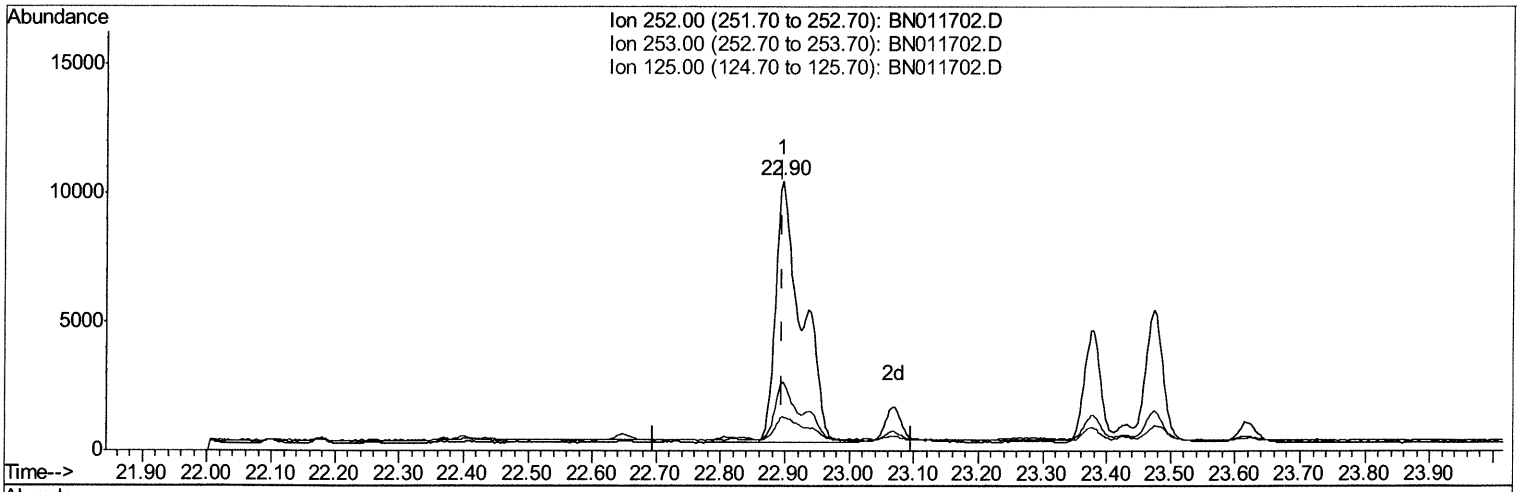
Quantitation Report (Qedit)

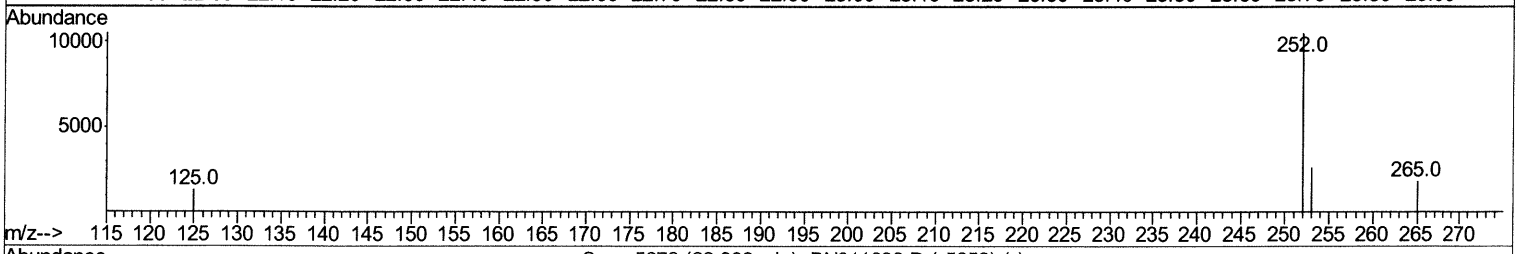
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN090420\
Data File : BN011702.D
Acq On : 04 Sep 2020 15:08
Operator : CG/JU
Sample : L3840-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

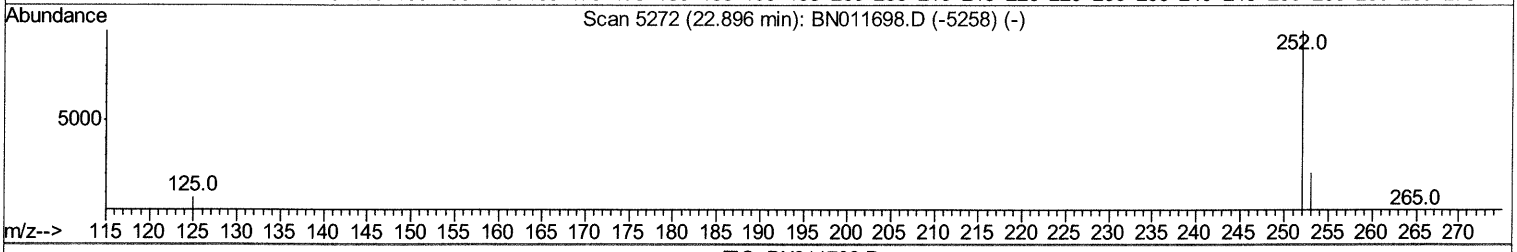
Quant Time: Sep 04 15:41:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 04 13:19:04 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB1

Manual Integrations APPROVED
mohammad
9/8/2020 1:46:41 PM







TIC: BN011702.D

(21) Benzo(b)fluoranthene

22.896min (-0.000) 0.87ng/ul

response 28895

Ion	Exp%	Act%
252.00	100	100
253.00	27.40	25.40
125.00	11.10	12.67
0.00	0.00	0.00

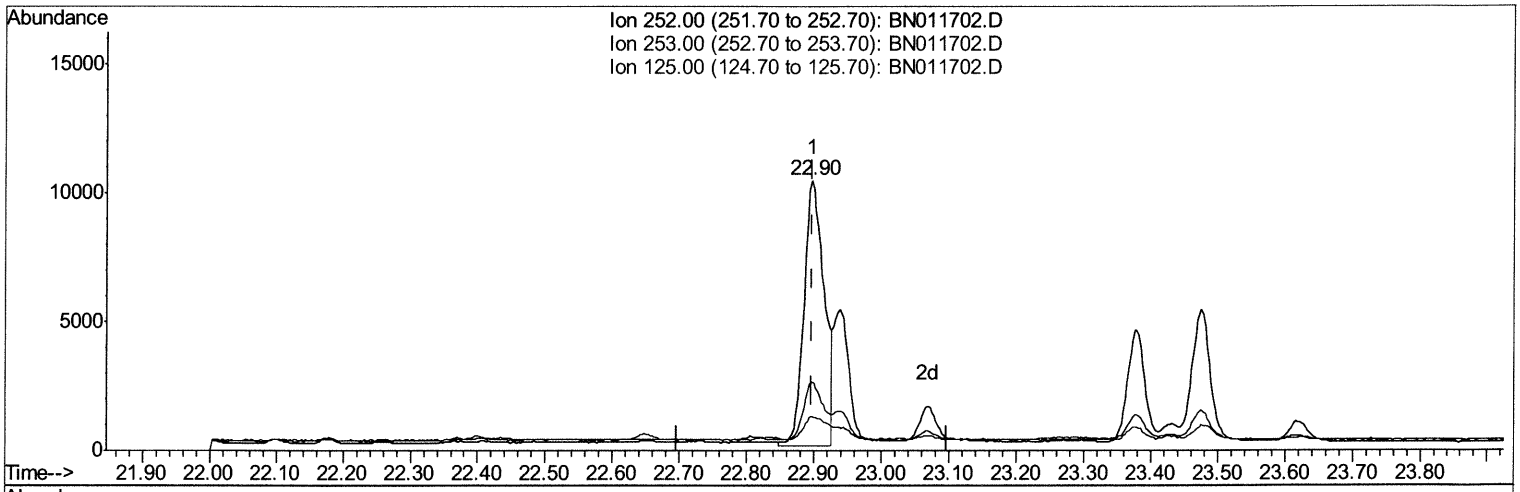
Quantitation Report (Qedit)

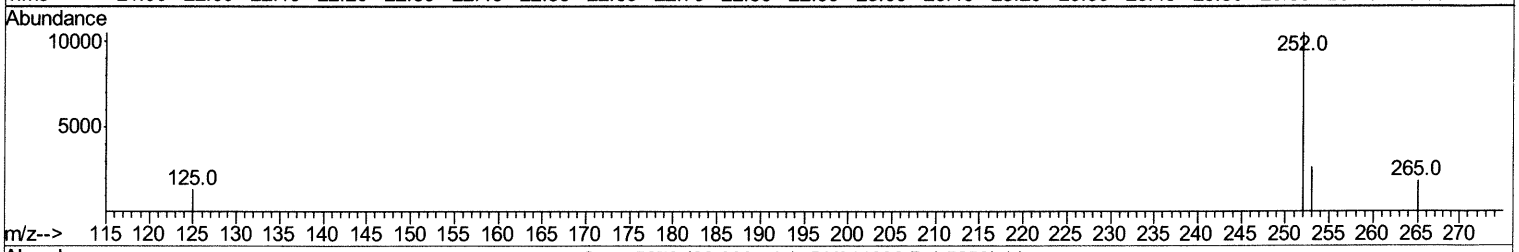
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN090420\
Data File : BN011702.D
Acq On : 04 Sep 2020 15:08
Operator : CG/JU
Sample : L3840-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

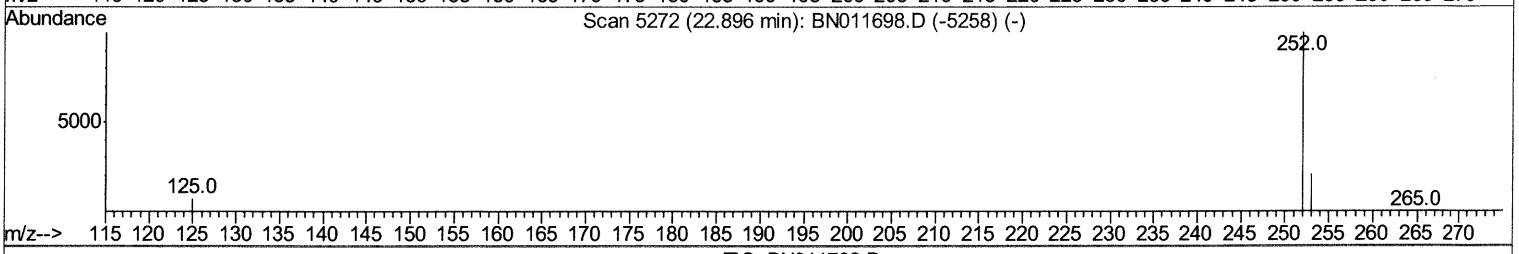
Quant Time: Sep 04 15:41:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 04 13:19:04 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB1

Manual Integrations APPROVED
mohammad
9/8/2020 1:46:41 PM







TIC: BN011702.D

(21) Benzo(b)fluoranthene

22.896min (-0.000) 0.64ng/ul m 09/09/20 JU

response 21354

Ion	Exp%	Act%
252.00	100	100
253.00	27.40	25.40
125.00	11.10	12.67
0.00	0.00	0.00

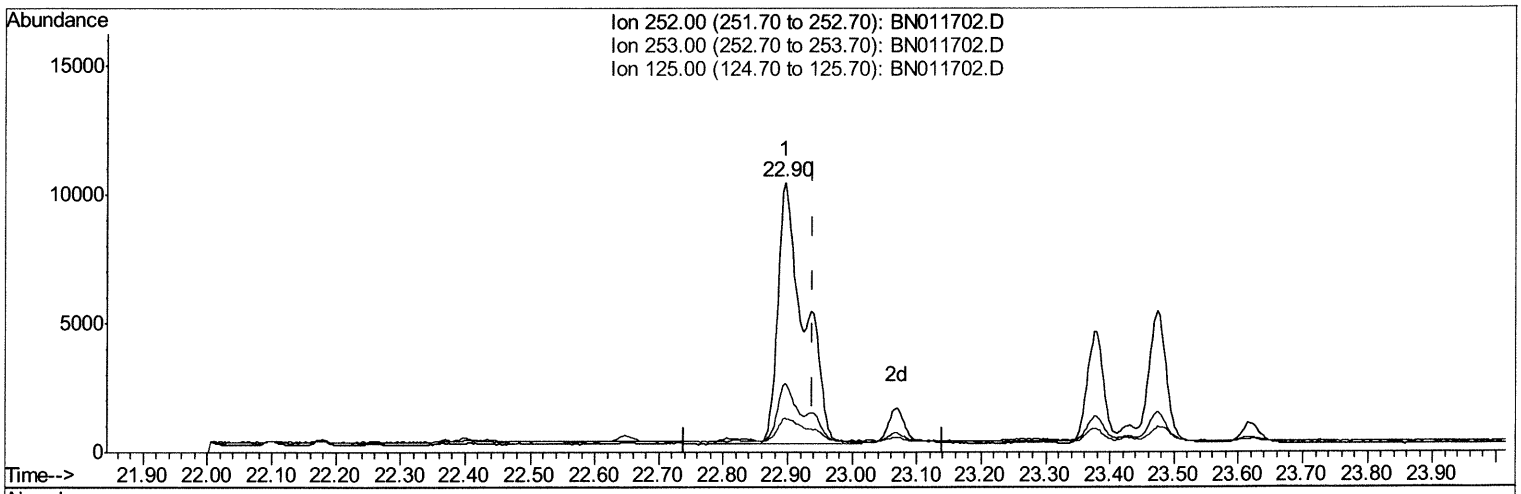
Quantitation Report (Qedit)

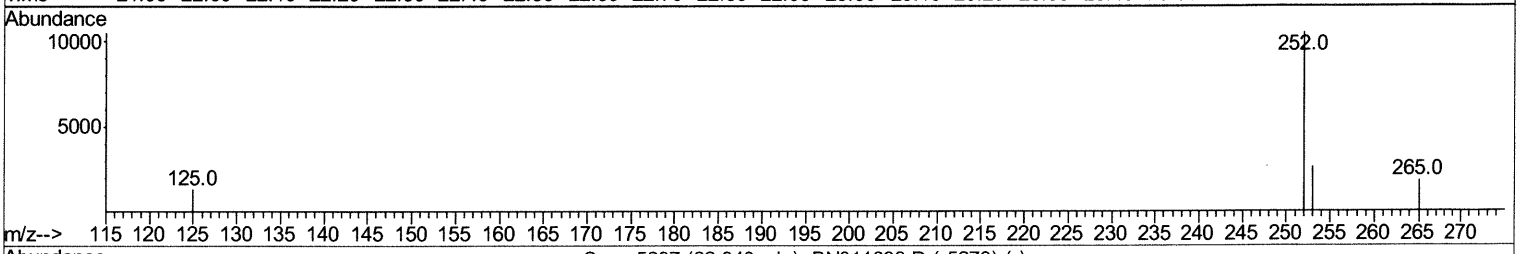
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN090420\
Data File : BN011702.D
Acq On : 04 Sep 2020 15:08
Operator : CG/JU
Sample : L3840-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

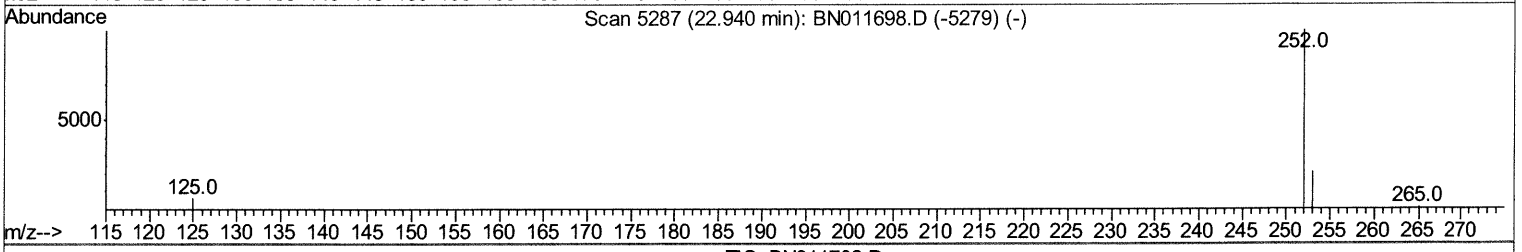
Quant Time: Sep 04 15:41:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 04 13:19:04 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB1

Manual Integrations APPROVED
mohammad
9/8/2020 1:46:41 PM







TIC: BN011702.D

(22) Benzo(k)fluoranthene

22.896min (-0.044) 0.78ng/ul

response 28895

Ion	Exp%	Act%
252.00	100	100
253.00	27.20	25.40
125.00	11.40	12.67
0.00	0.00	0.00

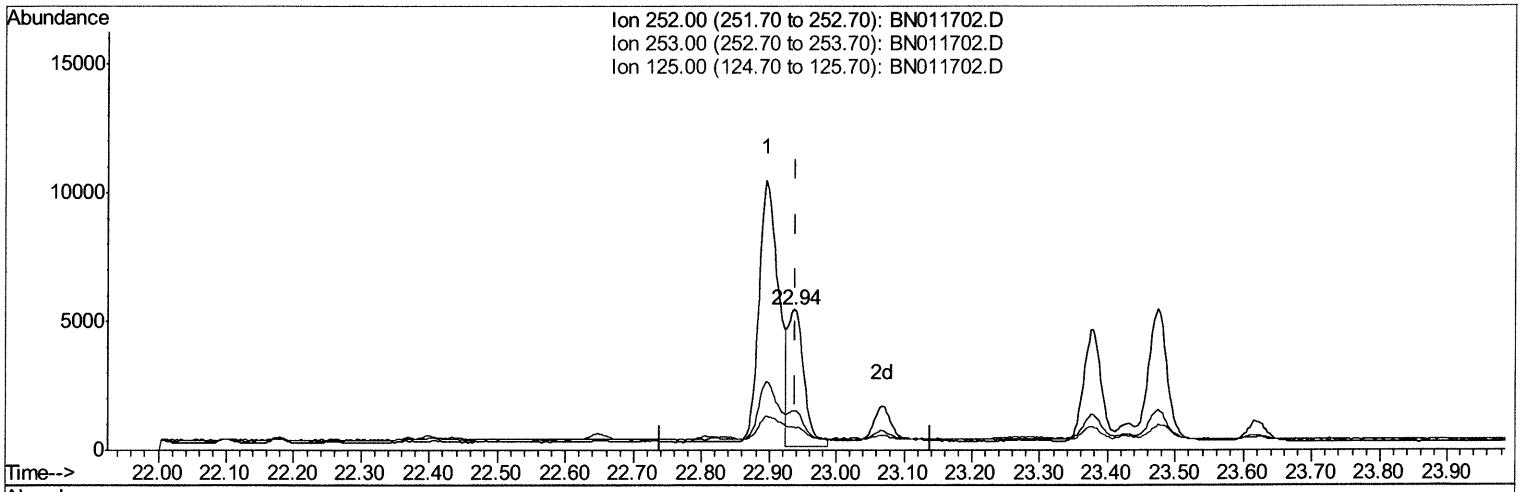
Quantitation Report (Qedit)

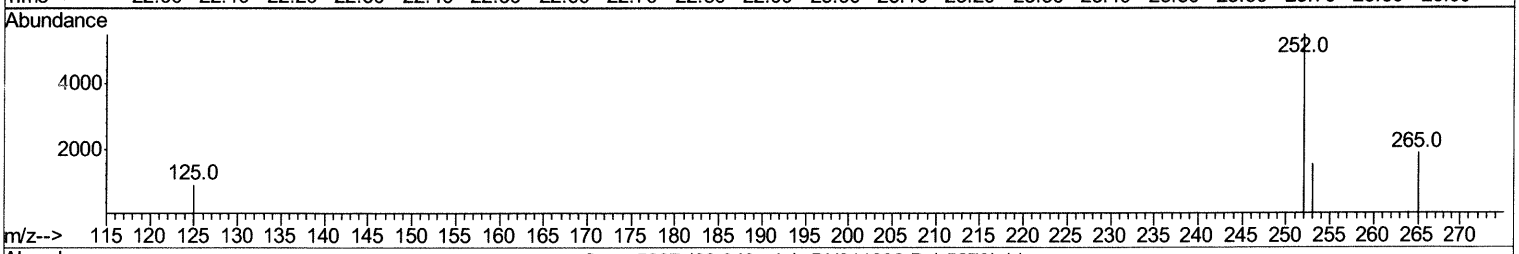
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN090420\
Data File : BN011702.D
Acq On : 04 Sep 2020 15:08
Operator : CG/JU
Sample : L3840-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

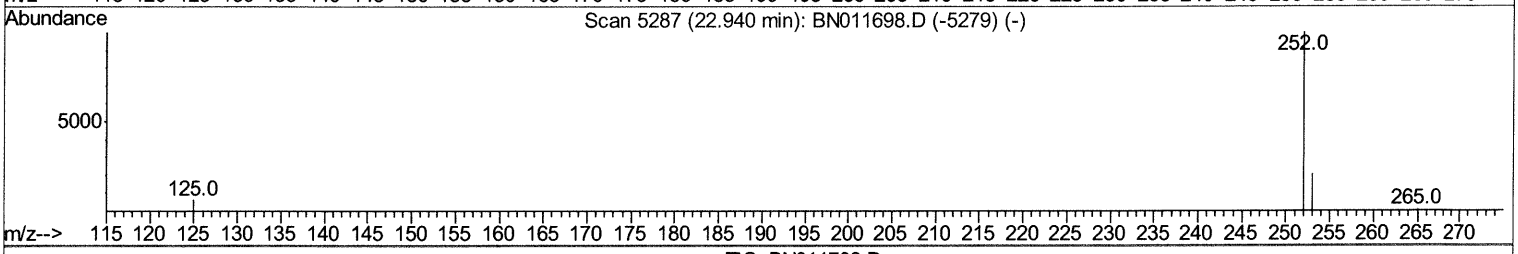
Quant Time: Sep 04 15:41:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 04 13:19:04 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB1

Manual Integrations APPROVED
mohammad
9/8/2020 1:46:41 PM







TIC: BN011702.D

(22) Benzo(k)fluoranthene

22.937min (-0.003) 0.24ng/ul m 09/09/20 JU

response 8688

Ion	Exp%	Act%
252.00	100	100
253.00	27.20	27.99
125.00	11.40	16.92#
0.00	0.00	0.00

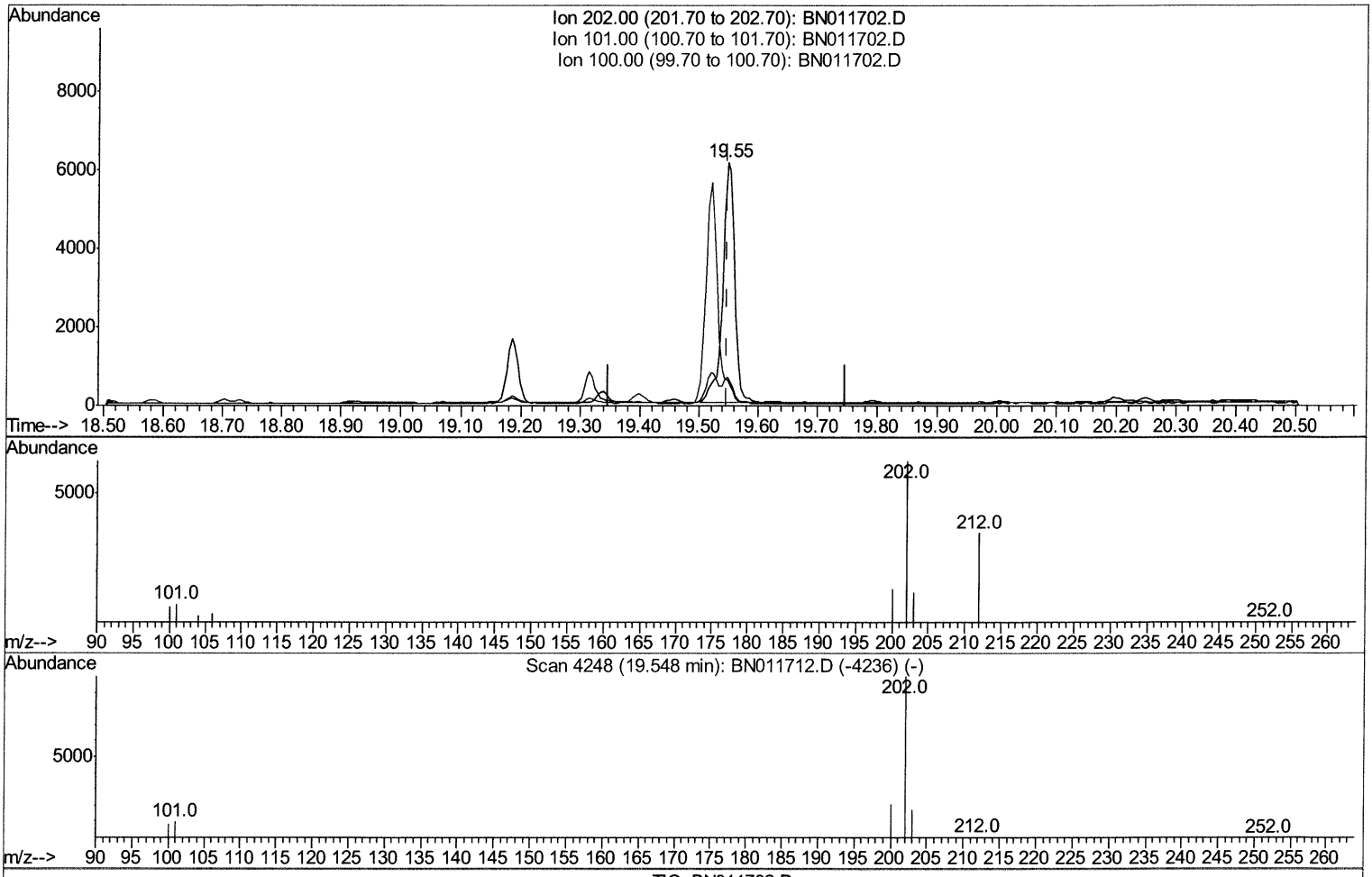
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN090420\
Data File : BN011702.D
Acq On : 04 Sep 2020 15:08
Operator : CG/JU
Sample : L3840-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 04 15:44:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 04 13:19:04 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB1

Manual Integrations APPROVED
mohammad
9/8/2020 1:46:41 PM



TIC: BN011702.D

(17) Pyrene

19.548min (-0.000) 0.29ng/ul

response 8703

Ion	Exp%	Act%
202.00	100	100
101.00	9.10	11.93#
100.00	8.40	10.36#
0.00	0.00	0.00

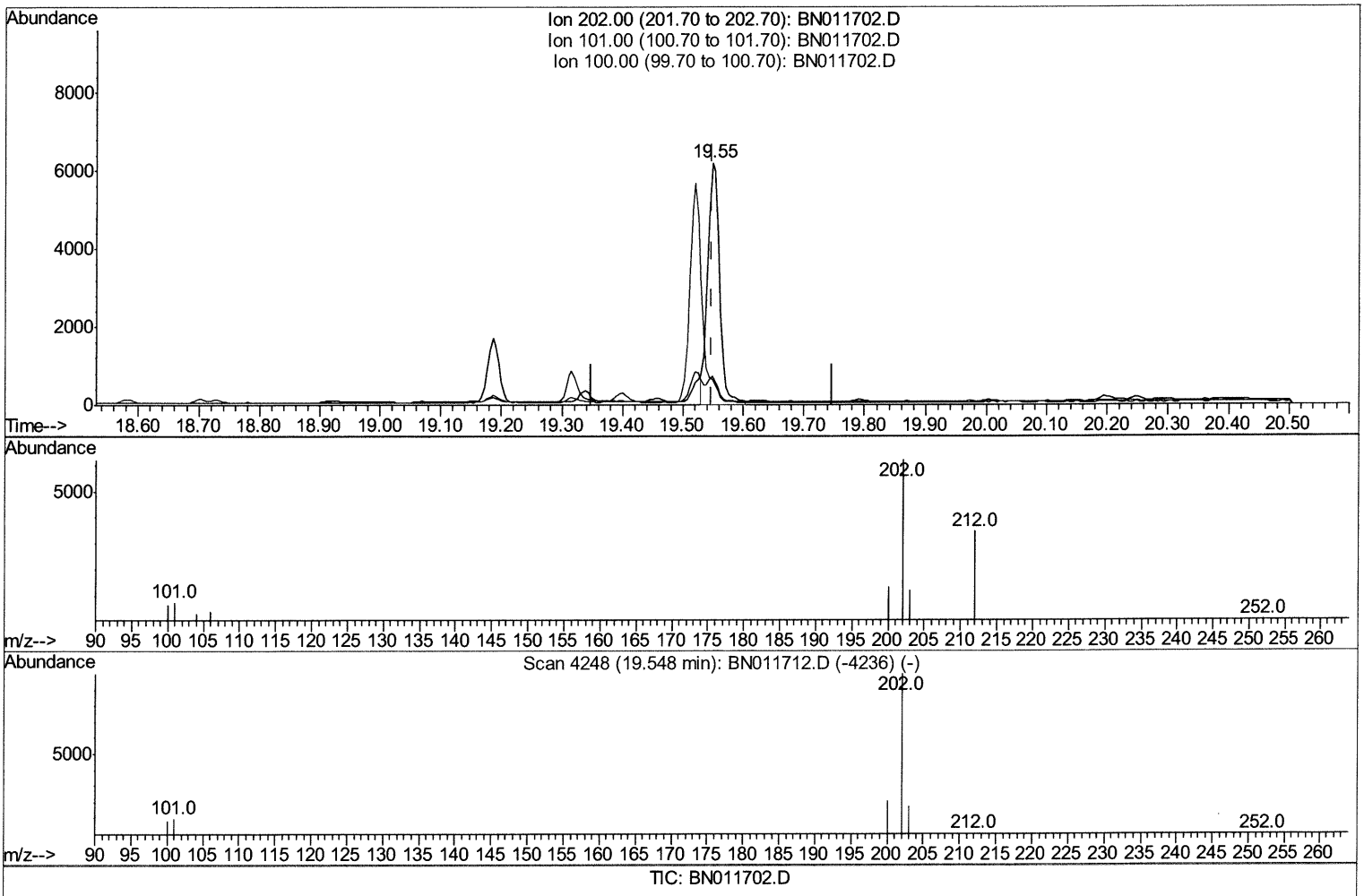
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN090420\
Data File : BN011702.D
Acq On : 04 Sep 2020 15:08
Operator : CG/JU
Sample : L3840-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 04 15:44:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 04 13:19:04 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB1

Manual Integrations APPROVED
mohammad
9/8/2020 1:46:41 PM



TIC: BN011702.D

(17) Pyrene

19.548min (-0.000) 0.28ng/ul m 09/09/20 JU

response 8409

Ion	Exp%	Act%
202.00	100	100
101.00	9.10	11.93#
100.00	8.40	10.36#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN090420\
Data File : BN011702.D
Acq On : 04 Sep 2020 15:08
Operator : CG/JU
Sample : L3840-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AB1

Manual Integrations APPROVED
mohammad
9/8/2020 1:46:41 PM

Quant Time: Sep 08 11:04:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 04 13:19:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	1954	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	7440	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	4138	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.13	188	8826	0.40	ng/ul	0.00
16) Chrysene-d12	21.32	240	7623	0.40	ng/ul	0.00
20) Perylene-d12	23.57	264	7678	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.12	152	1865	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.16	212	3984	0.16	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.57	128	711	0.033	ng/ul#	80
7) Acenaphthylene	14.10	152	1920	0.092	ng/ul	95
12) Phenanthrene	17.16	178	1115m>	0.037	ng/ul>	09/09/20 JU
13) Anthracene	17.26	178	2314	0.094	ng/ul	97
15) Fluoranthene	19.19	202	2140	0.062	ng/ul	85
17) Pyrene	19.55	202	8409m	0.282	ng/ul	09/09/20 JU
18) Benzo(a)anthracene	21.30	228	3310m	0.129	ng/ul	
19) Chrysene	21.35	228	7556	0.219	ng/ul	97
21) Benzo(b)fluoranthene	22.90	252	21354m	0.640	ng/ul	09/09/20 JU
22) Benzo(k)fluoranthene	22.94	252	8688m	0.235	ng/ul	
23) Benzo(a)pyrene	23.47	252	9734	0.347	ng/ul#	95
24) Indeno(1,2,3-cd)pyrene	25.84	276	6321	0.167	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.84	278	1960	0.063	ng/ul#	68
26) Benzo(g,h,i)perylene	26.53	276	4041	0.114	ng/ul#	92

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