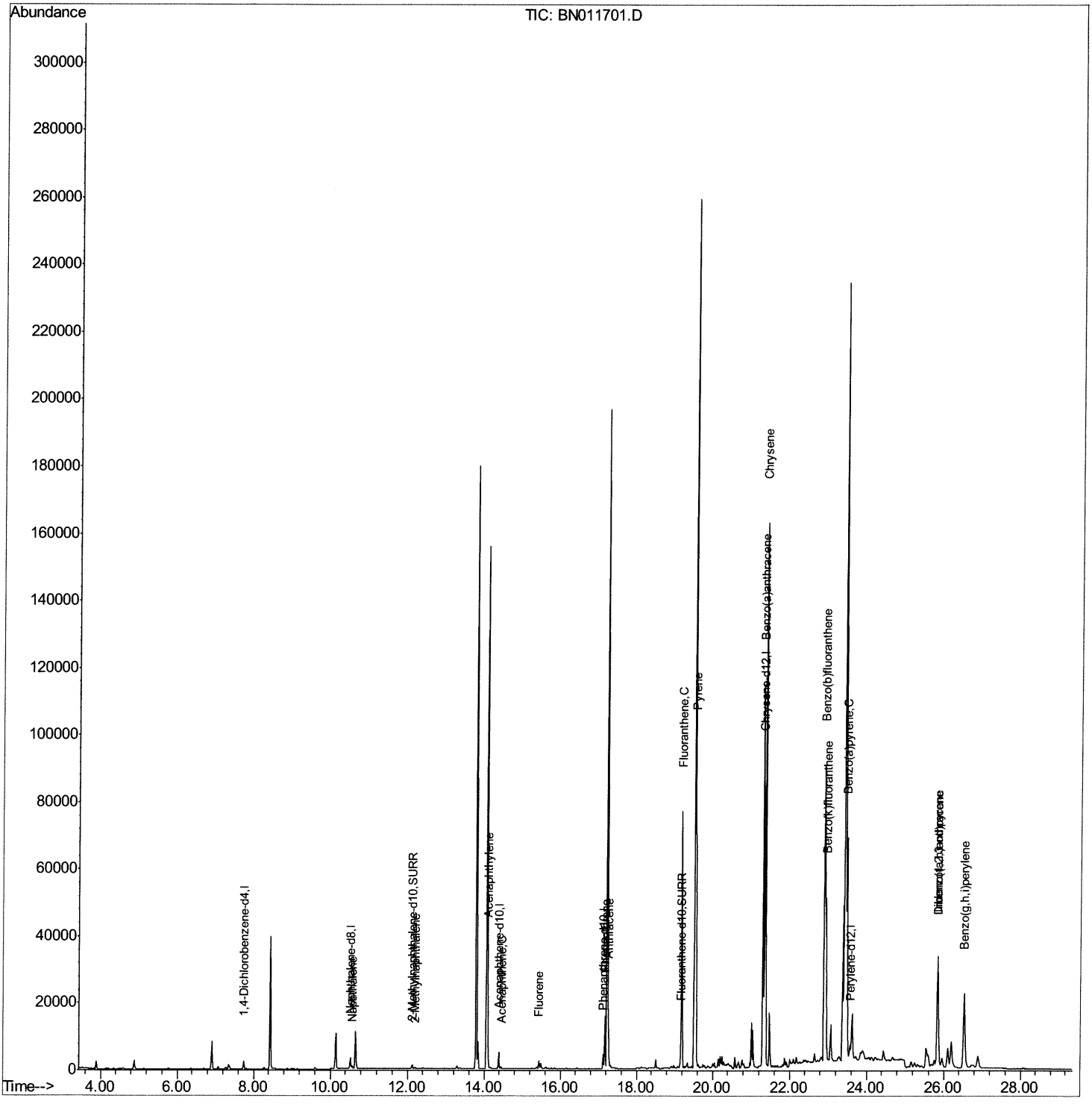
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN090420\
Data File : BN011701.D
Acq On : 04 Sep 2020 14:32
Operator : CG/JU
Sample : L3840-20
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 08 11:03:21 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 :
C0AB8

Manual Integrations APPROVED
mohammad
9/8/2020 1:46:43 PM



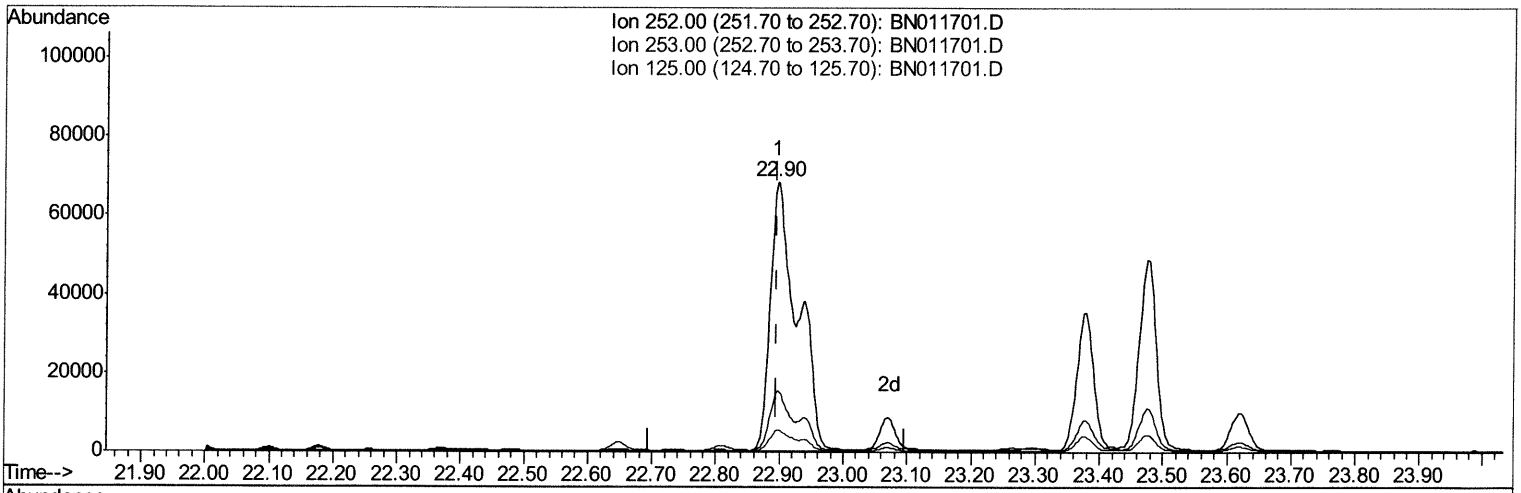
Quantitation Report (Qedit)

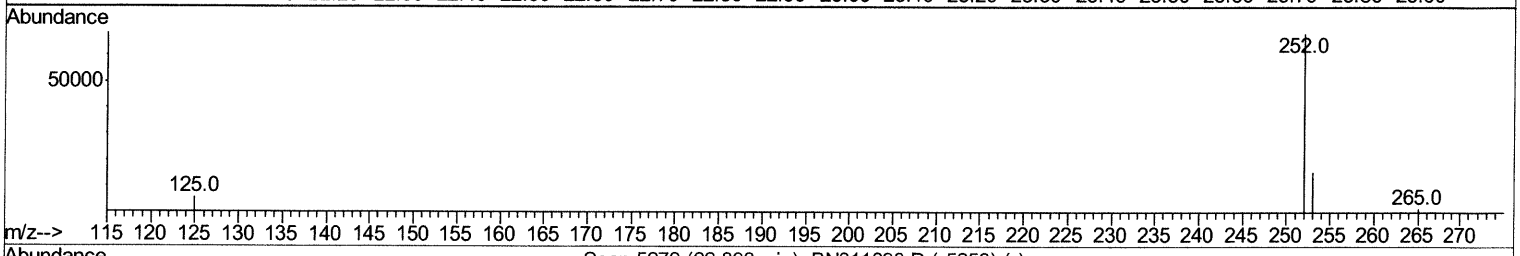
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN090420\
Data File : BN011701.D
Acq On : 04 Sep 2020 14:32
Operator : CG/JU
Sample : L3840-20
Misc :
ALS Vial : 5 Sample Multiplier: 1

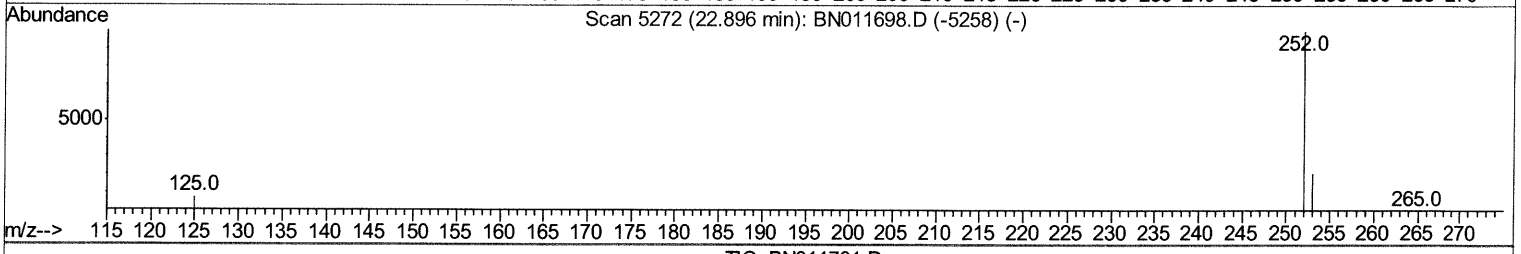
Quant Time: Sep 04 15:03:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 04 13:19:04 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB8

Manual Integrations APPROVED
mohammad
9/8/2020 1:46:43 PM







TIC: BN011701.D

(21) Benzo(b)fluoranthene

22.896min (+0.000) 8.65ng/ul

response 202537

Ion	Exp%	Act%
252.00	100	100
253.00	27.40	22.86
125.00	11.10	8.14
0.00	0.00	0.00

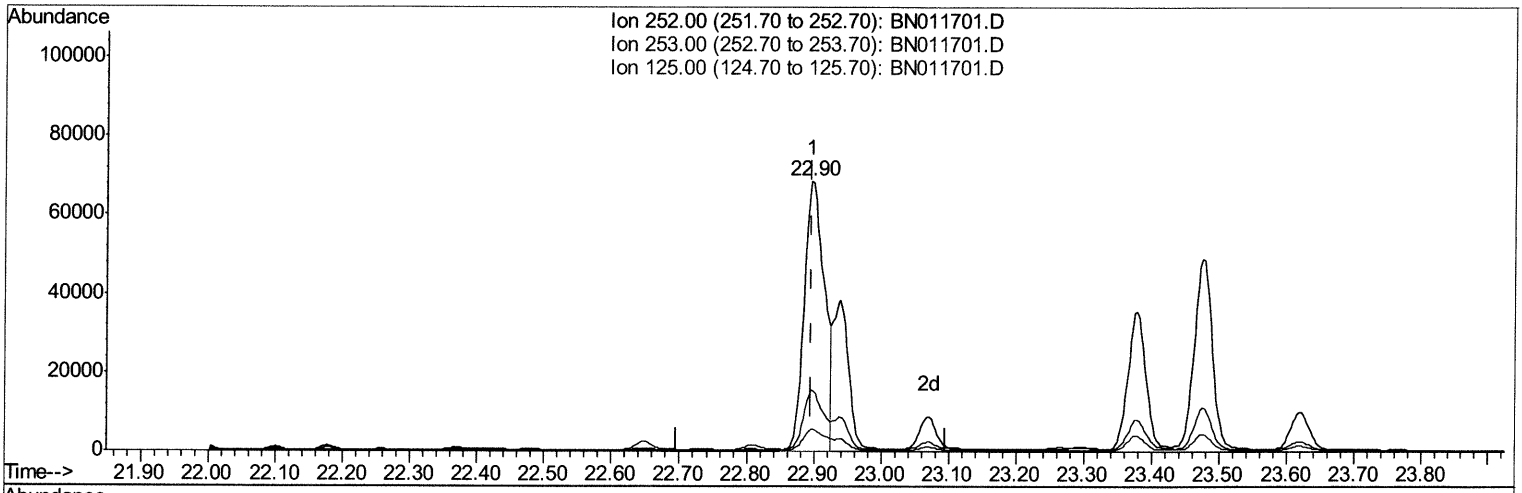
Quantitation Report (Qedit)

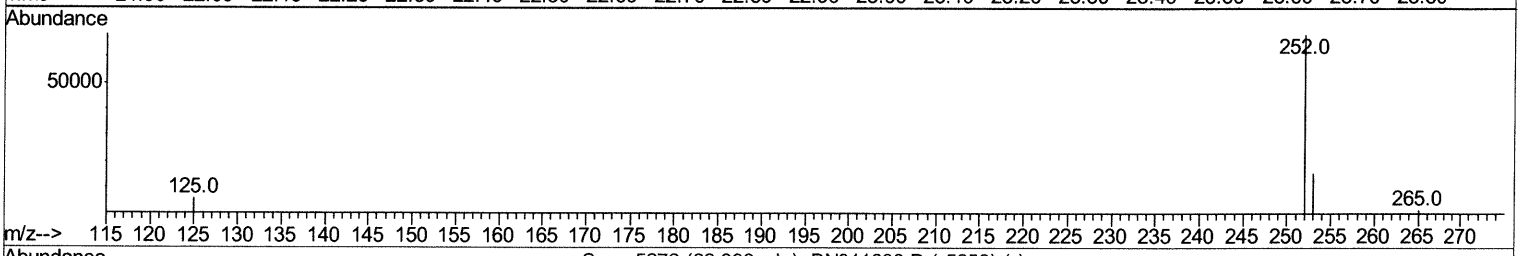
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN090420\
Data File : BN011701.D
Acq On : 04 Sep 2020 14:32
Operator : CG/JU
Sample : L3840-20
Misc :
ALS Vial : 5 Sample Multiplier: 1

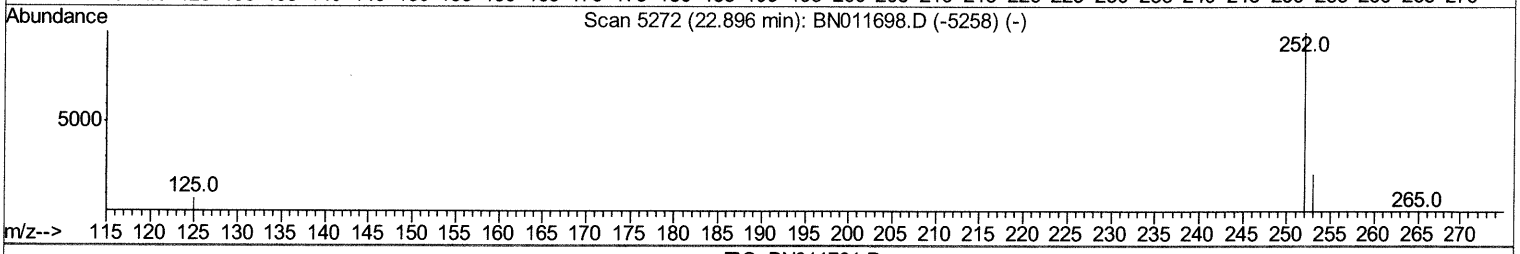
Quant Time: Sep 04 15:03:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 04 13:19:04 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB8

Manual Integrations APPROVED
mohammad
9/8/2020 1:46:43 PM







TIC: BN011701.D

(21) Benzo(b)fluoranthene

22.896min (+0.000) 6.15ng/ul m 09/09/20 JU

response 144038

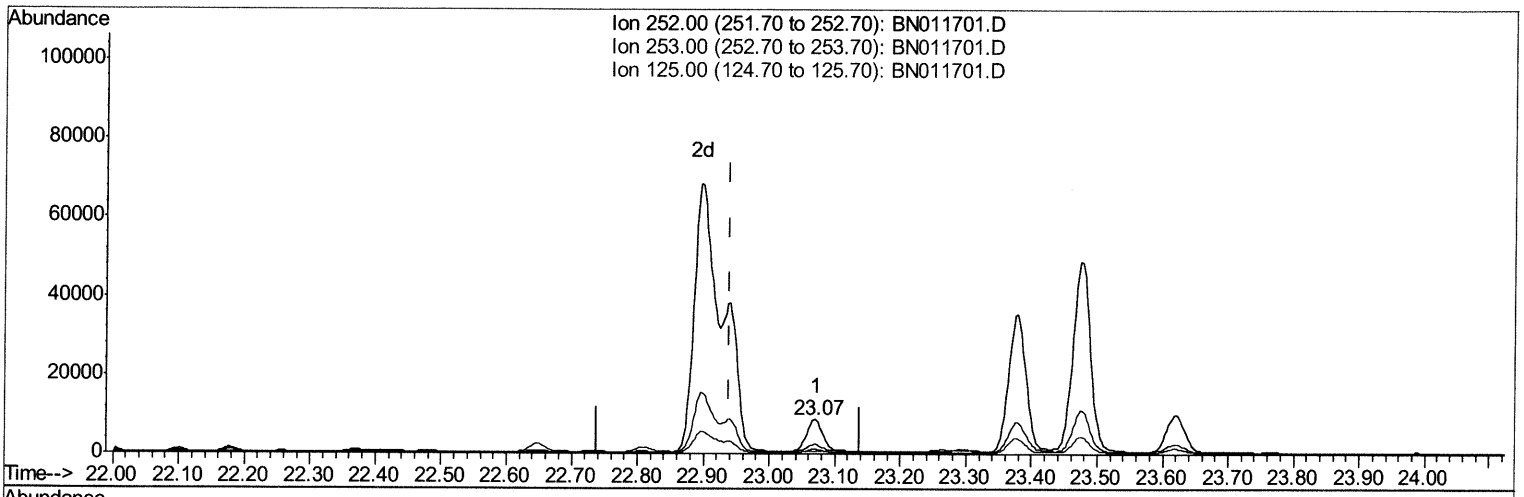
Ion	Exp%	Act%
252.00	100	100
253.00	27.40	22.86
125.00	11.10	8.14
0.00	0.00	0.00

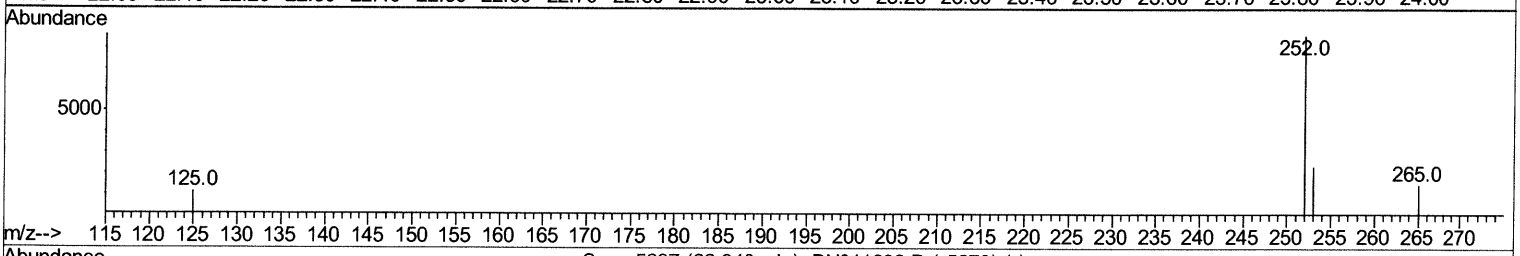
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN090420\
Data File : BN011701.D
Acq On : 04 Sep 2020 14:32
Operator : CG/JU
Sample : L3840-20
Misc :
ALS Vial : 5 Sample Multiplier: 1

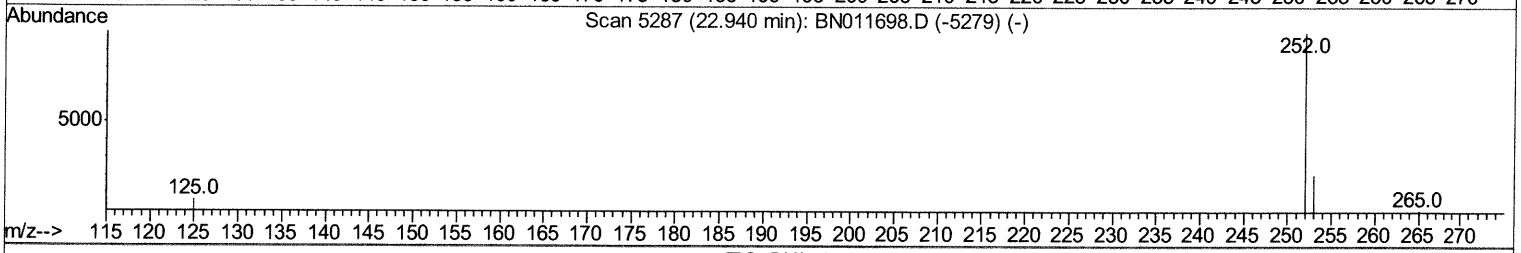
Quant Time: Sep 04 15:03:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 04 13:19:04 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB8

Manual Integrations APPROVED
mohammad
9/8/2020 1:46:43 PM







TIC: BN011701.D

(22) Benzo(k)fluoranthene

23.071min (+0.132) 0.54ng/ul

response 13919

Ion	Exp%	Act%
252.00	100	100
253.00	27.20	27.59
125.00	11.40	12.82
0.00	0.00	0.00

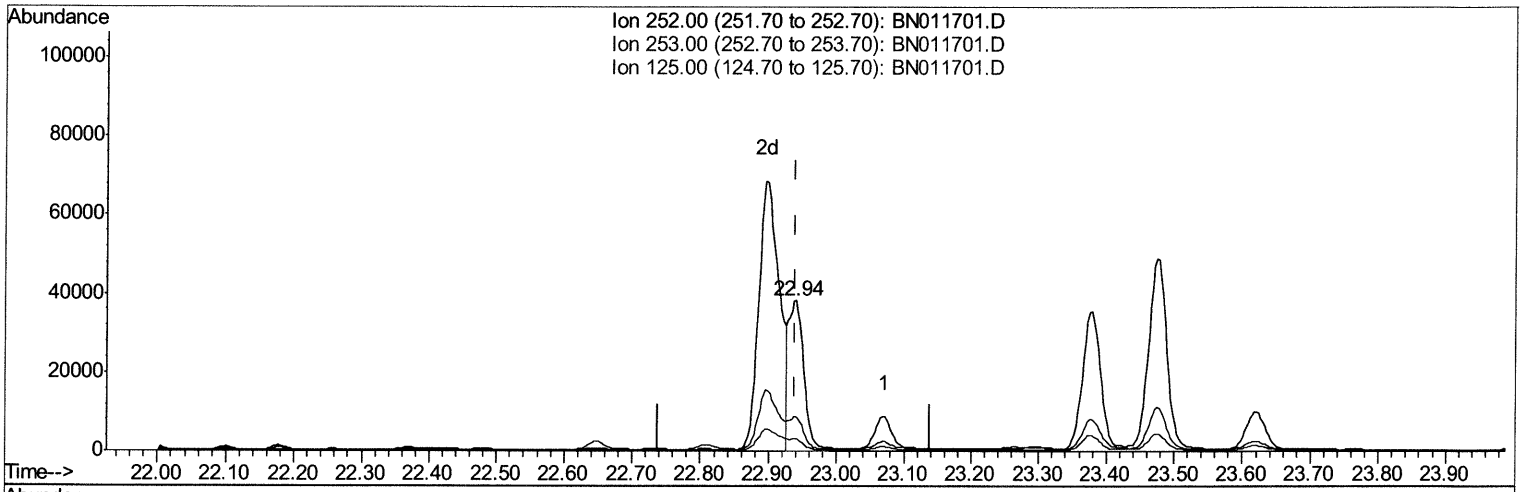
Quantitation Report (Qedit)

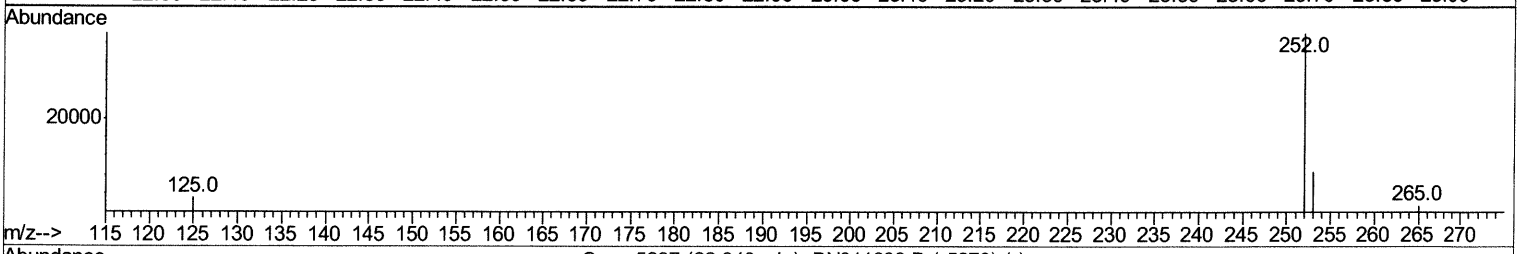
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN090420\
Data File : BN011701.D
Acq On : 04 Sep 2020 14:32
Operator : CG/JU
Sample : L3840-20
Misc :
ALS Vial : 5 Sample Multiplier: 1

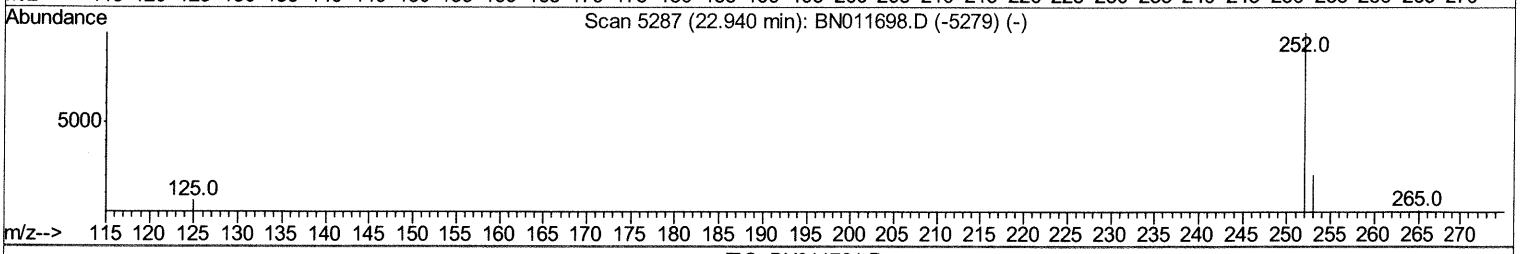
Quant Time: Sep 04 15:03:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 04 13:19:04 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB8

Manual Integrations APPROVED
mohammad
9/8/2020 1:46:43 PM







TIC: BN011701.D

(22) Benzo(k)fluoranthene

22.940min (+0.000) 2.33ng/ul m 09/09/20 JU

response 60405

Ion	Exp%	Act%
252.00	100	100
253.00	27.20	22.96
125.00	11.40	8.27#
0.00	0.00	0.00

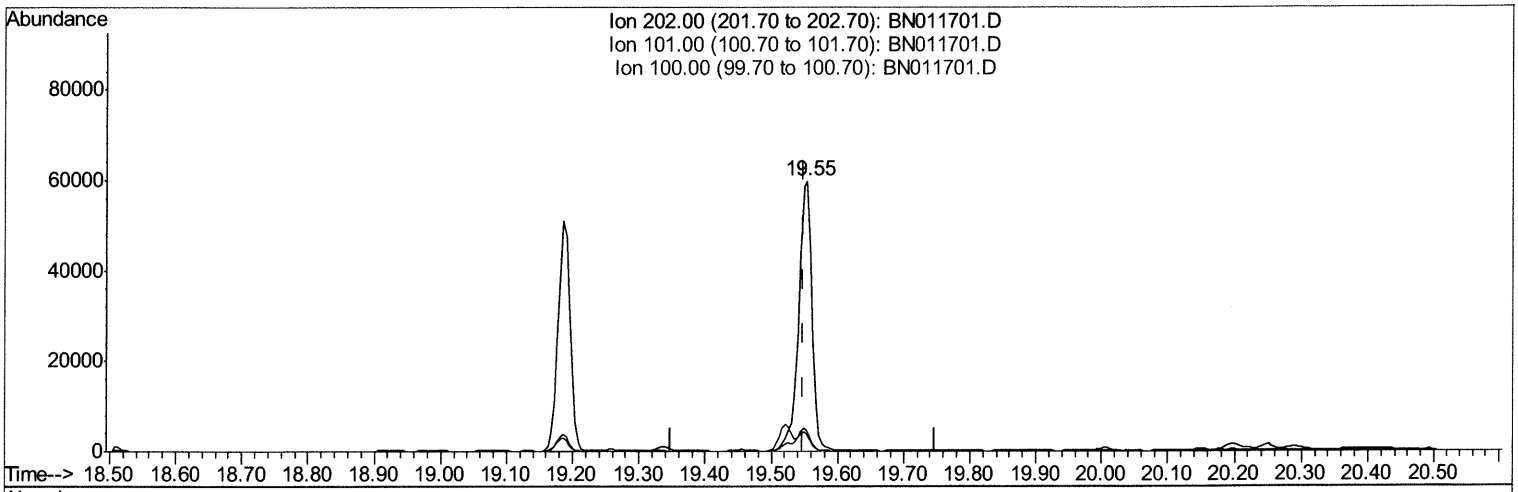
Quantitation Report (Qedit)

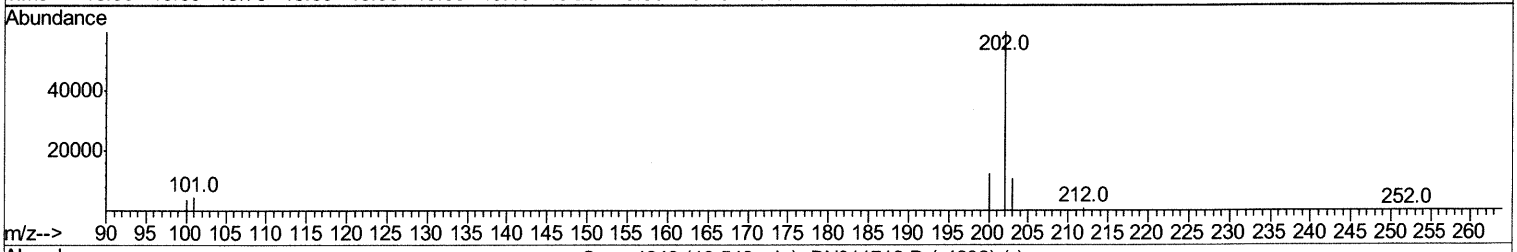
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN090420\
Data File : BN011701.D
Acq On : 04 Sep 2020 14:32
Operator : CG/JU
Sample : L3840-20
Misc :
ALS Vial : 5 Sample Multiplier: 1

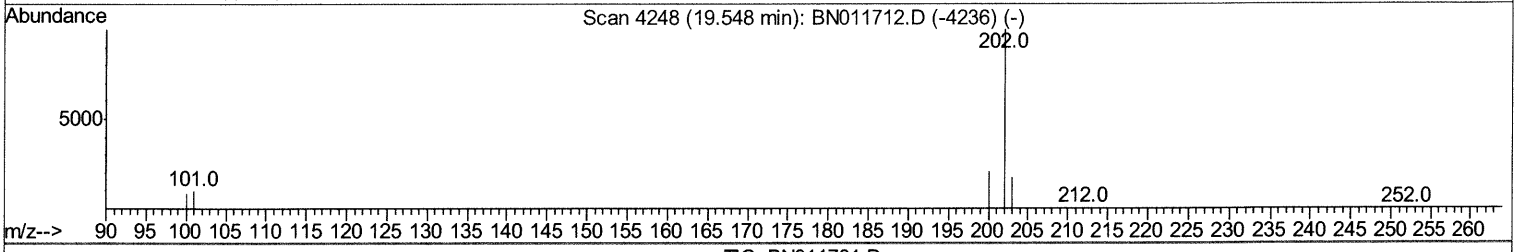
Quant Time: Sep 04 15:04:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 04 13:19:04 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB8

Manual Integrations APPROVED
mohammad
9/8/2020 1:46:43 PM







TIC: BN011701.D

(17) Pyrene

19.553min (+0.005) 4.29ng/ul

response 83800

Ion	Exp%	Act%
202.00	100	100
101.00	9.10	7.84
100.00	8.40	6.59#
0.00	0.00	0.00

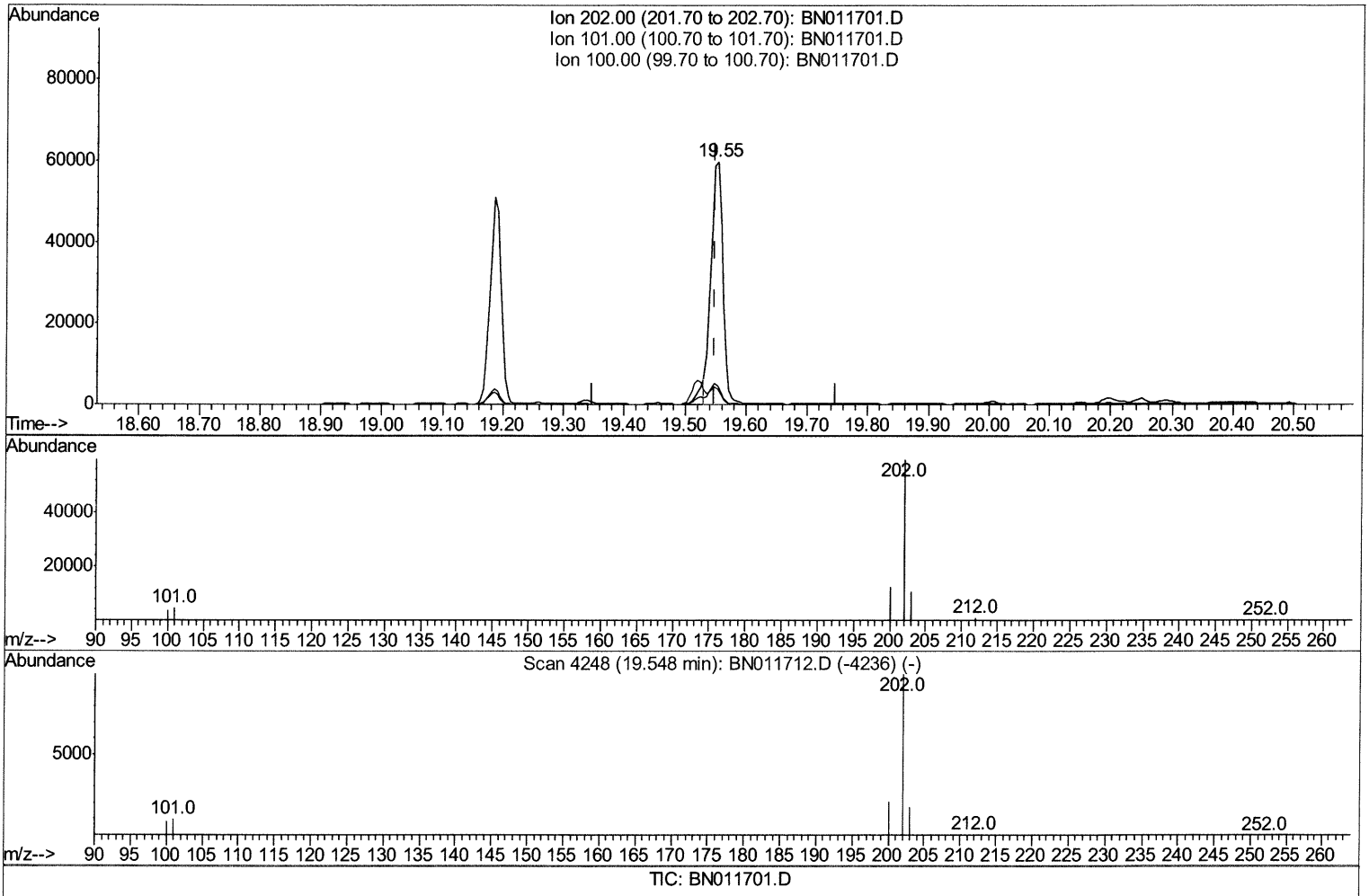
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN090420\
Data File : BN011701.D
Acq On : 04 Sep 2020 14:32
Operator : CG/JU
Sample : L3840-20
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 04 15:04:22 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 :
C0AB8

Manual Integrations APPROVED
mohammad
9/8/2020 1:46:43 PM



TIC: BN011701.D

(17) Pyrene

19.553min (+0.005) 4.09ng/ul m 09/09/20 JU

response 79751

Ion	Exp%	Act%
202.00	100	100
101.00	9.10	7.84
100.00	8.40	6.59#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN090420\
Data File : BN011701.D
Acq On : 04 Sep 2020 14:32
Operator : CG/JU
Sample : L3840-20
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AB8

Manual Integrations APPROVED
mohammad
9/8/2020 1:46:43 PM

Quant Time: Sep 08 11:03:21 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	1161	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	4246	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	2478	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.13	188	5249	0.40	ng/ul	0.00
16) Chrysene-d12	21.32	240	4994	0.40	ng/ul	0.00
20) Perylene-d12	23.57	264	5389	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.12	152	1142	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.16	212	2727	0.18	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.57	128	880	0.071	ng/ul#	86
5) 2-Methylnaphthalene	12.19	142	213	0.027	ng/ul	97
7) Acenaphthylene	14.10	152	4804	0.385	ng/ul	98
8) Acenaphthene	14.44	153	295	0.030	ng/ul#	93
9) Fluorene	15.43	166	1644	0.144	ng/ul	97
12) Phenanthrene	17.17	178	16081	0.906	ng/ul	97
13) Anthracene	17.26	178	18992	1.300	ng/ul	96
15) Fluoranthene	19.19	202	65800	3.221	ng/ul	97
17) Pyrene	19.55	202	79751m>	4.086	ng/ul>	09/09/20 JU
18) Benzo(a)anthracene	21.30	228	93584	5.585	ng/ul	99
19) Chrysene	21.36	228	146429	6.480	ng/ul	100
21) Benzo(b)fluoranthene	22.90	252	144038m}	6.149	ng/ul}	
22) Benzo(k)fluoranthene	22.94	252	60405m}	2.332	ng/ul}	09/09/20 JU
23) Benzo(a)pyrene	23.47	252	90311	4.589	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.84	276	53078	1.994	ng/ul	96
25) Dibenzo(a,h)anthracene	25.85	278	14668	0.676	ng/ul	98
26) Benzo(g,h,i)perylene	26.53	276	47469	1.906	ng/ul	97

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