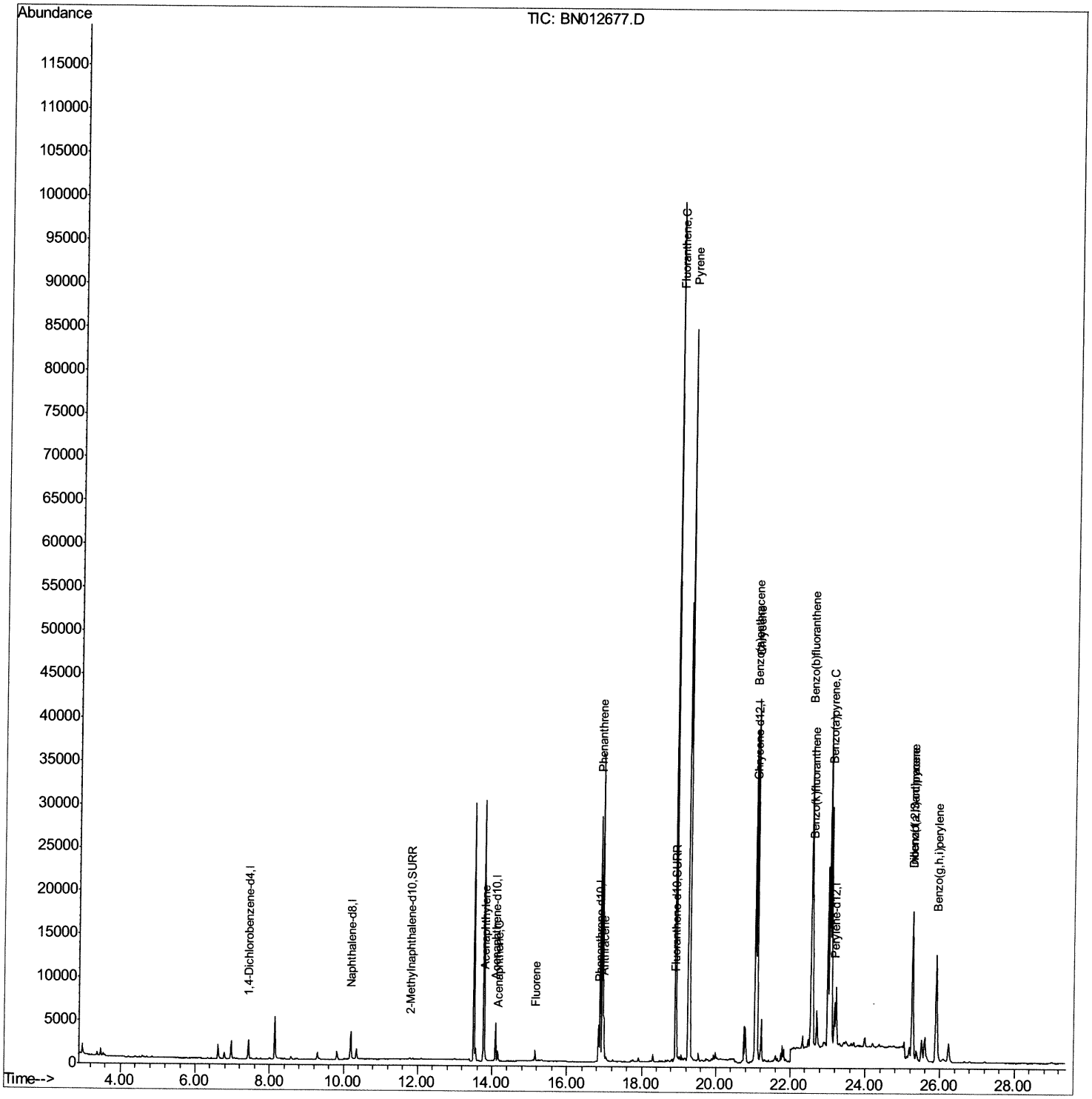
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112020\
Data File : BN012677.D
Acq On : 21 Nov 2020 09:25
Operator : CG/JU
Sample : L4710-14DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Nov 23 01:07:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 20 18:13:27 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0B40DL

Manual Integrations APPROVED
mohammad
11/24/2020 8:56:36 AM



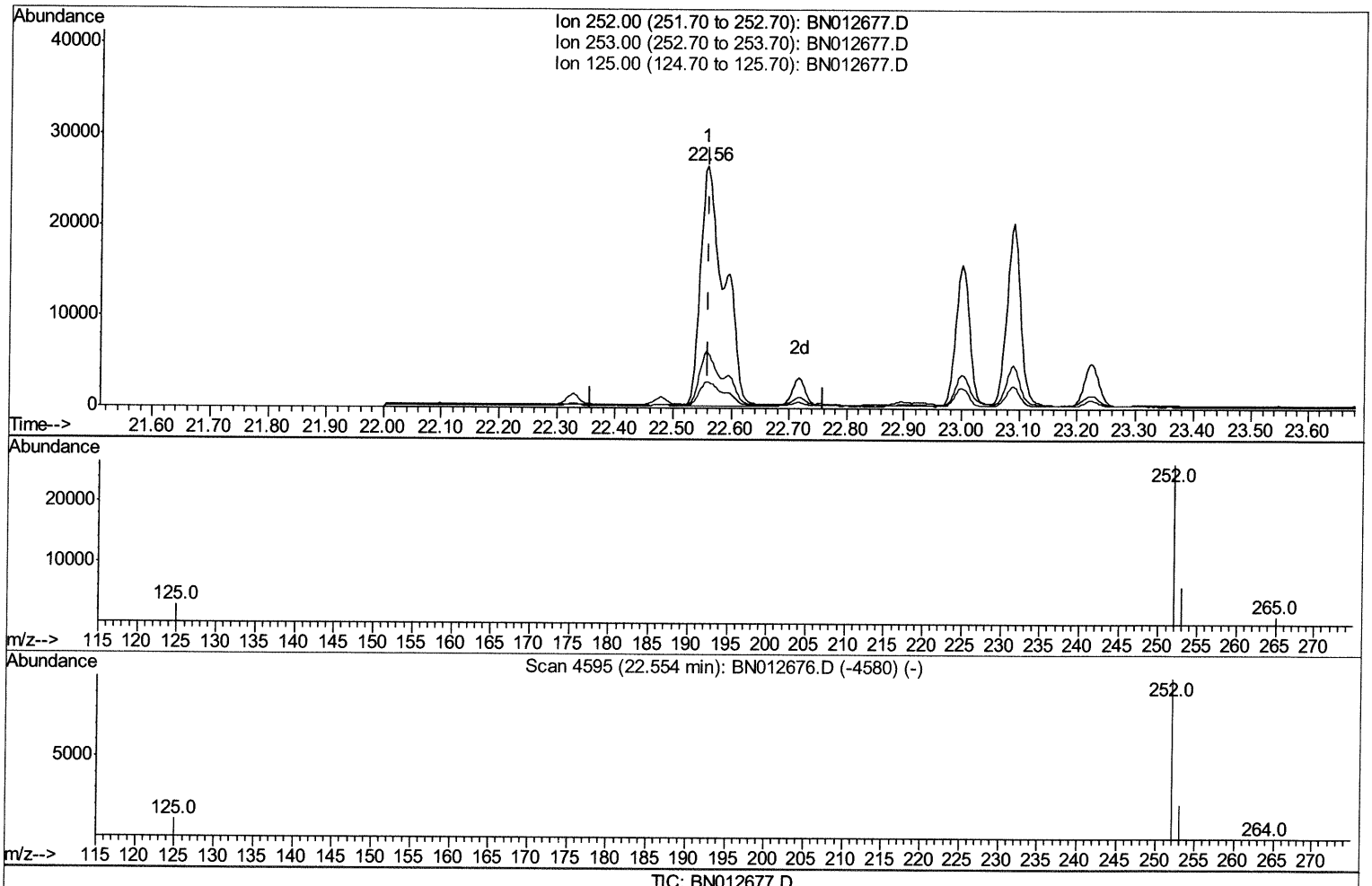
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112020\
Data File : BN012677.D
Acq On : 21 Nov 2020 09:25
Operator : CG/JU
Sample : L4710-14DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Nov 23 01:00:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 20 18:13:27 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0B40DL

Manual Integrations APPROVED
mohammad
11/24/2020 8:56:36 AM



TIC: BN012677.D

(21) Benzo(b)fluoranthene

22.556min (-0.003) 2.89ng/ul

response 74308

Ion	Exp%	Act%
252.00	100	100
253.00	29.20	23.48
125.00	14.30	10.89
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112020\
Data File : BN012677.D
Acq On : 21 Nov 2020 09:25
Operator : CG/JU
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Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Nov 23 01:00:24 2020
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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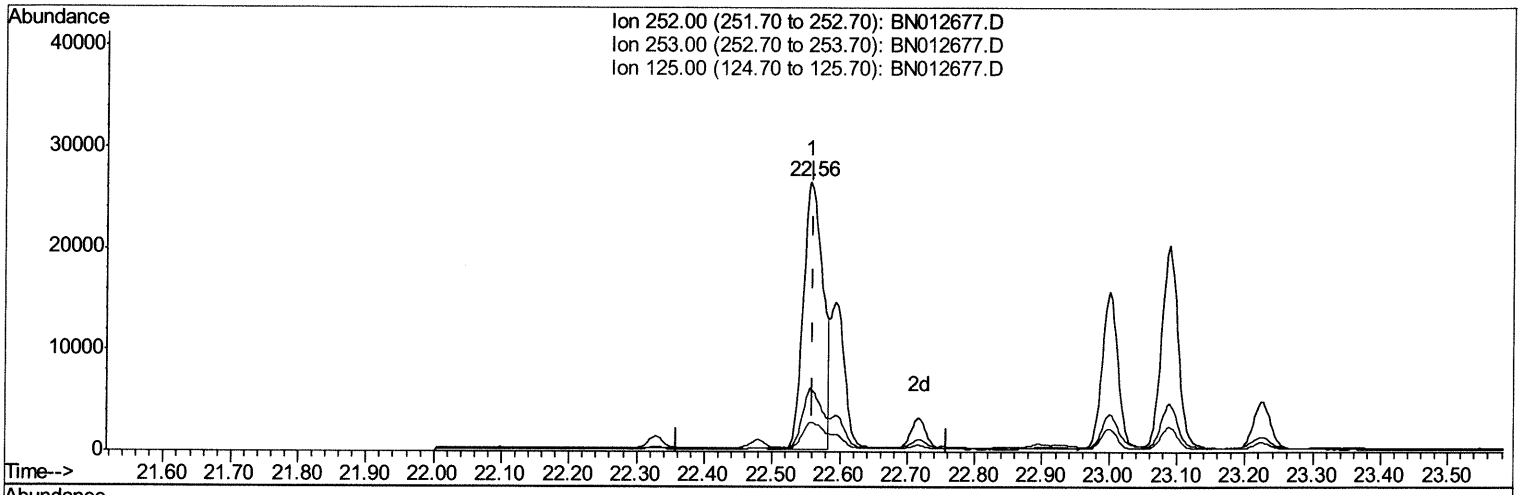
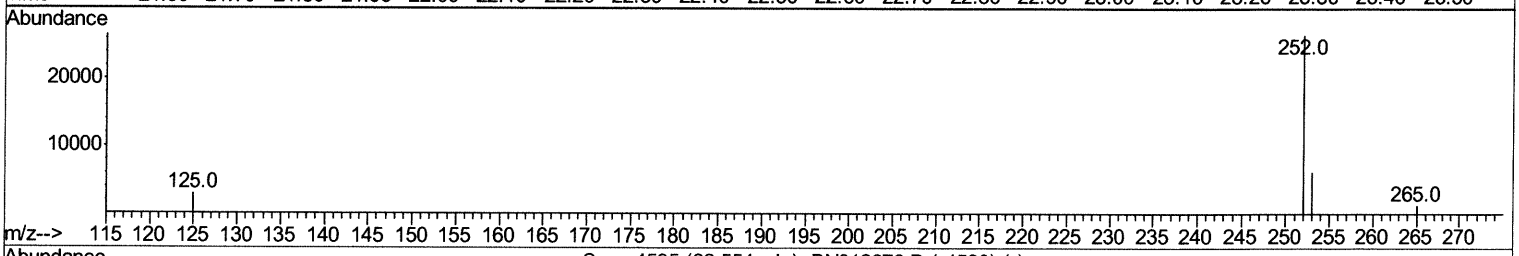
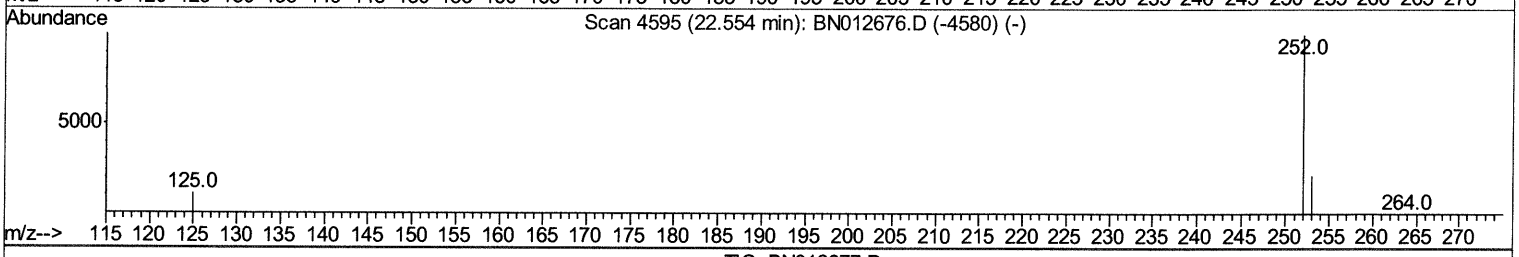
Instrument :
BNA_N
ClientSampleId :
C0B40DL

Manual Integrations APPROVED
mohammad
11/24/2020 8:56:36 AM







TIC: BN012677.D

(21) Benzo(b)fluoranthene

22.556min (-0.003) 2.05ng/ul m 11/27/2020

response 52798

Ion	Exp%	Act%
252.00	100	100
253.00	29.20	23.48
125.00	14.30	10.89
0.00	0.00	0.00

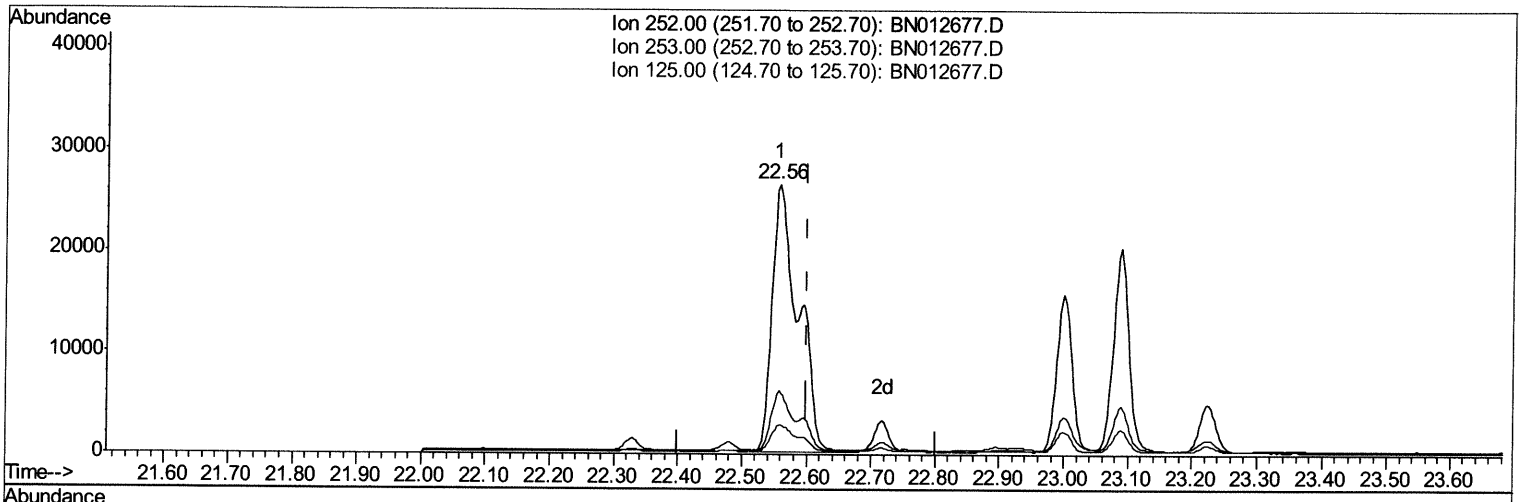
Quantitation Report (Qedit)

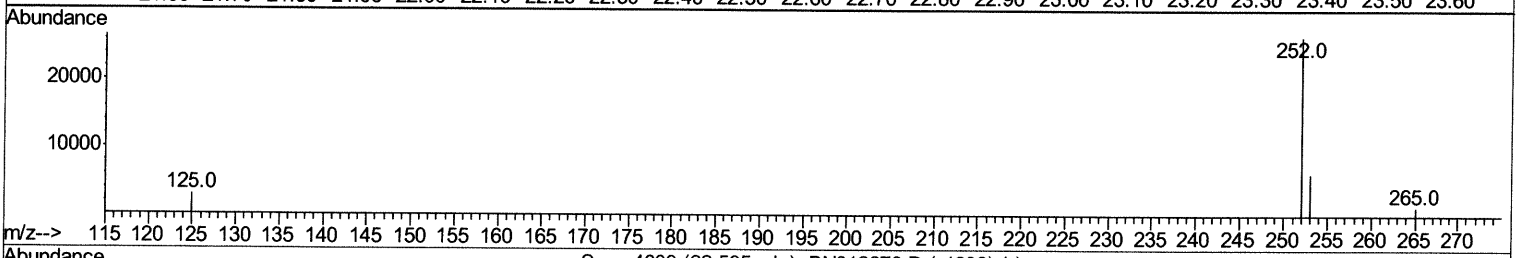
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112020\
Data File : BN012677.D
Acq On : 21 Nov 2020 09:25
Operator : CG/JU
Sample : L4710-14DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

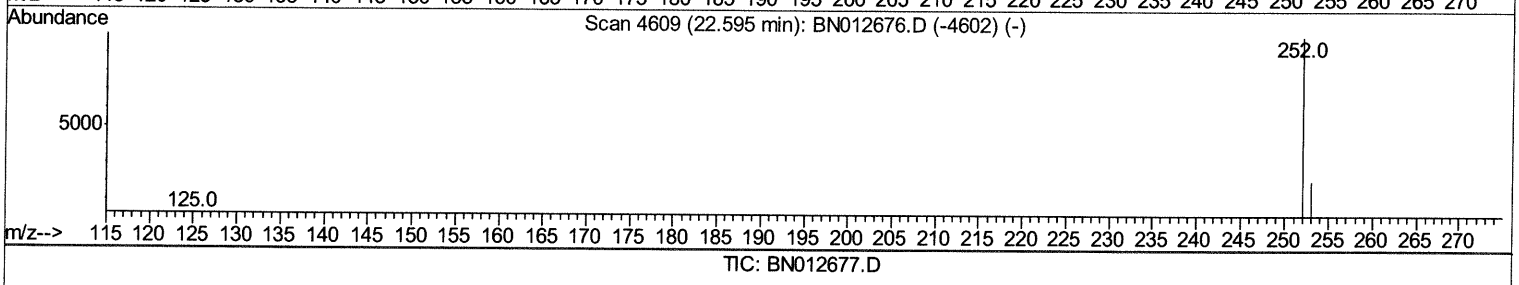
Quant Time: Nov 23 01:05:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 20 18:13:27 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0B40DL

Manual Integrations APPROVED
mohammad
11/24/2020 8:56:36 AM







TIC: BN012677.D

(22) Benzo(k)fluoranthene

22.556min (-0.044) 2.50ng/ul

response 74308

Ion	Exp%	Act%
252.00	100	100
253.00	29.30	23.48
125.00	12.70	10.89
0.00	0.00	0.00

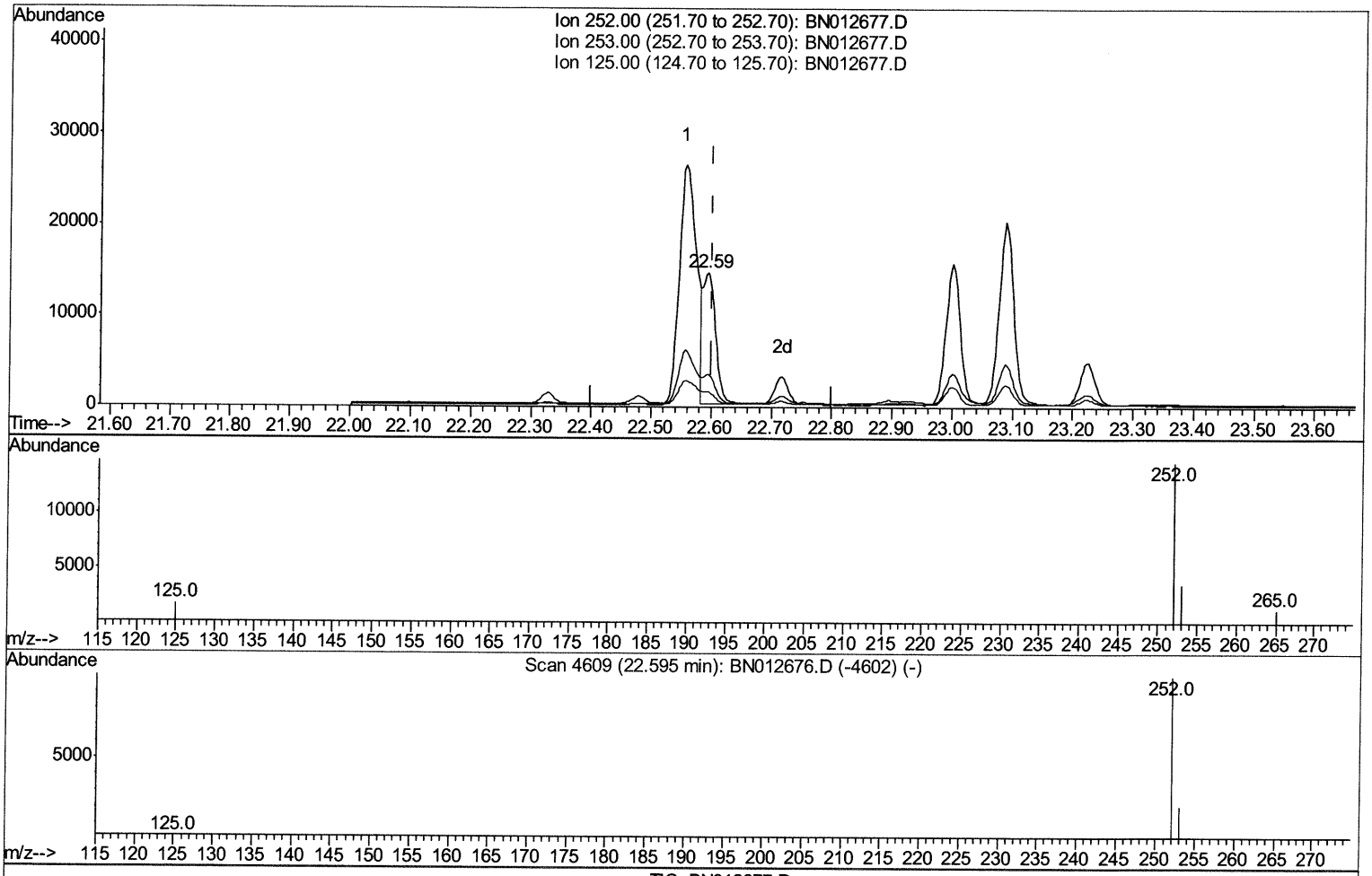
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112020\
Data File : BN012677.D
Acq On : 21 Nov 2020 09:25
Operator : CG/JU
Sample : L4710-14DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Nov 23 01:05:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 20 18:13:27 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0B40DL

Manual Integrations APPROVED
mohammad
11/24/2020 8:56:36 AM



TIC: BN012677.D

(22) Benzo(k)fluoranthene

22.594min (-0.006) 0.70ng/ul m 11/27/20 JU

response 20680

Ion	Exp%	Act%
252.00	100	100
253.00	29.30	24.40
125.00	12.70	11.65
0.00	0.00	0.00

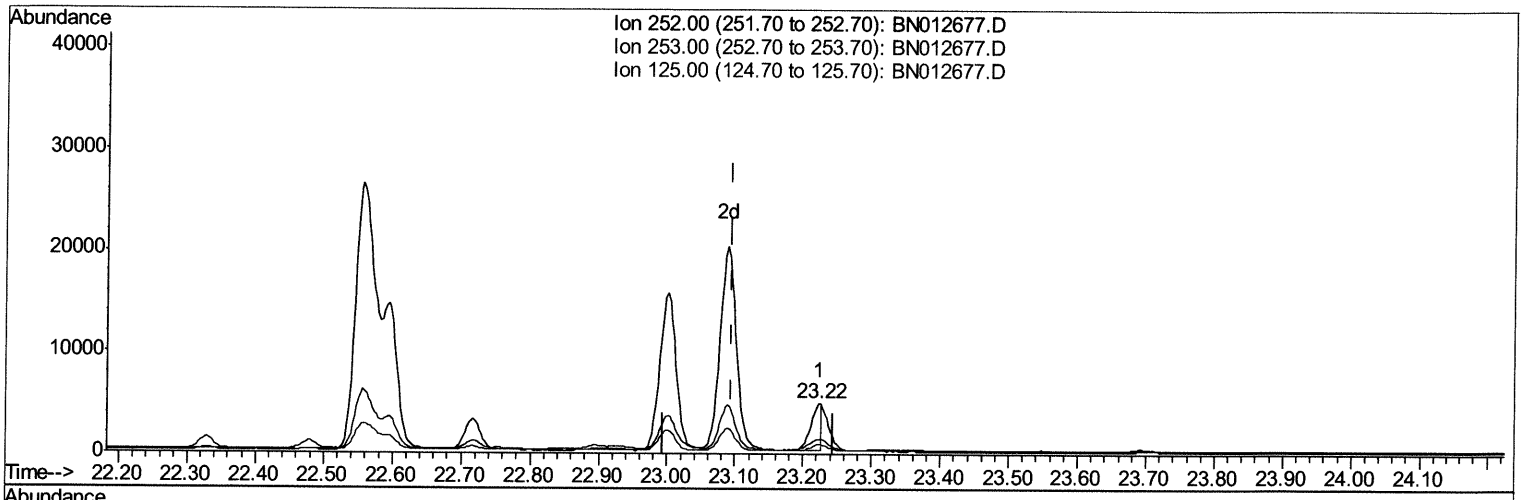
Quantitation Report (Qedit)

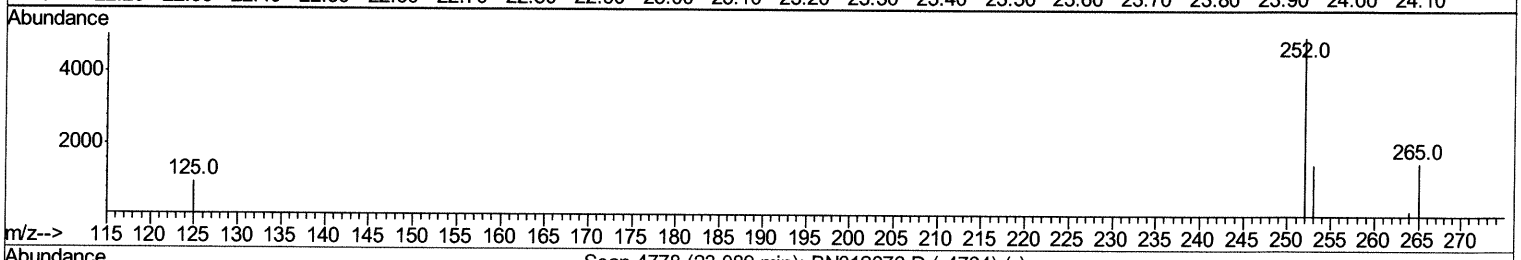
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112020\
Data File : BN012677.D
Acq On : 21 Nov 2020 09:25
Operator : CG/JU
Sample : L4710-14DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

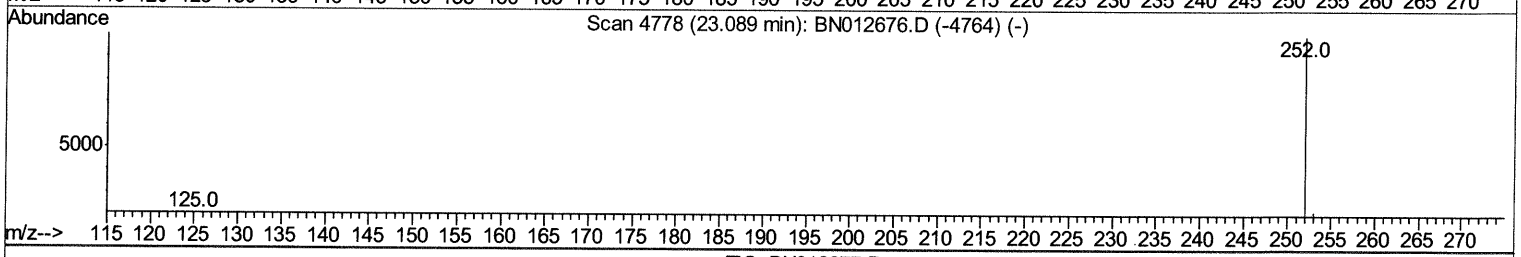
Quant Time: Nov 23 01:06:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 20 18:13:27 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0B40DL

Manual Integrations APPROVED
mohammad
11/24/2020 8:56:36 AM







TIC: BN012677.D

(23) Benzo(a)pyrene (C)

23.223min (+0.128) 0.20ng/ul

response 4751

Ion	Exp%	Act%
252.00	100	100
253.00	34.50	30.17
125.00	21.20	19.80
0.00	0.00	0.00

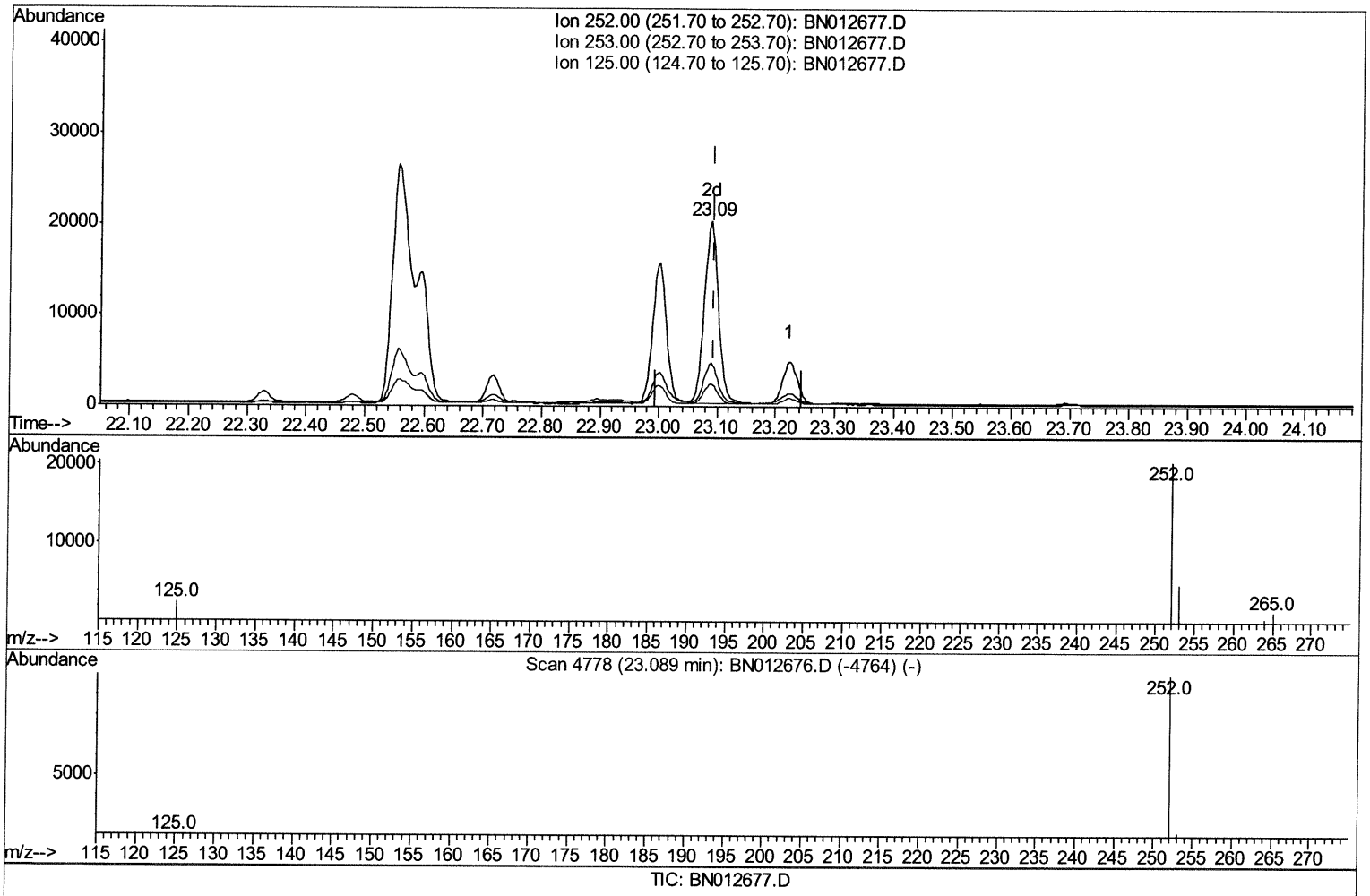
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112020\
Data File : BN012677.D
Acq On : 21 Nov 2020 09:25
Operator : CG/JU
Sample : L4710-14DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Nov 23 01:06:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 20 18:13:27 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0B40DL

Manual Integrations APPROVED
mohammad
11/24/2020 8:56:36 AM



TIC: BN012677.D

(23) Benzo(a)pyrene (C)

23.089min (-0.006) 1.40ng/ul m 11/27/20 JU

response 33996

Ion	Exp%	Act%
252.00	100	100
253.00	34.50	23.78#
125.00	21.20	12.38#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112020\
Data File : BN012677.D
Acq On : 21 Nov 2020 09:25
Operator : CG/JU
Sample : L4710-14DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0B40DL

Manual Integrations APPROVED
mohammad
11/24/2020 8:56:36 AM

Quant Time: Nov 23 01:07:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 20 18:13:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	1051	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.20	136	4397	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.09	164	2298	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.85	188	5132	0.40	ng/ul	0.00
16) Chrysene-d12	21.07	240	7280	0.40	ng/ul	0.00
20) Perylene-d12	23.18	264	5595	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.80	152	246	0.04	ng/ul	-0.02
14) Fluoranthene-d10	18.89	212	548	0.04	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	13.81	152	323	0.029	ng/ul#	65
8) Acenaphthene	14.15	153	693	0.073	ng/ul	95
9) Fluorene	15.15	166	833	0.080	ng/ul#	96
12) Phenanthrene	16.89	178	29239	1.637	ng/ul	97
13) Anthracene	16.98	178	3986	0.257	ng/ul	99
15) Fluoranthene	18.92	202	84608	4.104	ng/ul	100
17) Pyrene	19.28	202	70804	2.174	ng/ul	98
18) Benzo(a)anthracene	21.05	228	31812	1.219	ng/ul	99
19) Chrysene	21.10	228	40923	1.256	ng/ul	99
21) Benzo(b)fluoranthene	22.56	252	52798m	2.051	ng/ul	
22) Benzo(k)fluoranthene	22.59	252	20680m	0.697	ng/ul	11/21/2034
23) Benzo(a)pyrene	23.09	252	33996m	1.403	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.26	276	25780	0.814	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.26	278	5722	0.225	ng/ul	97
26) Benzo(g,h,i)perylene	25.90	276	24492	0.859	ng/ul	96

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