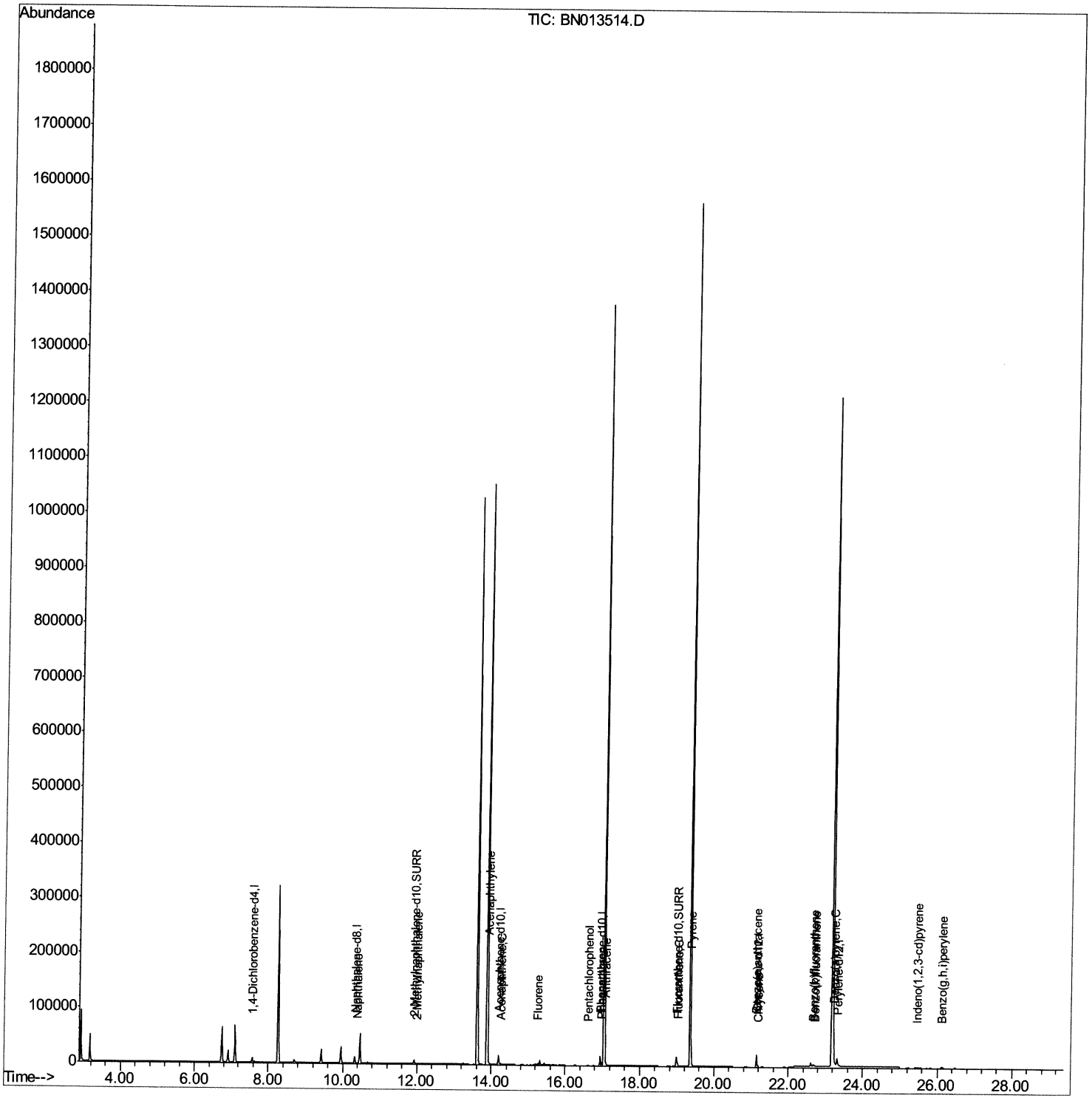
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN012721\
Data File : BN013514.D
Acq On : 27 Jan 2021 20:08
Operator : CG/JU
Sample : M1099-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jan 28 06:46:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 27 11:55:49 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F1C04

Manual Integrations APPROVED
mohammad
1/28/2021 11:44:29 AM



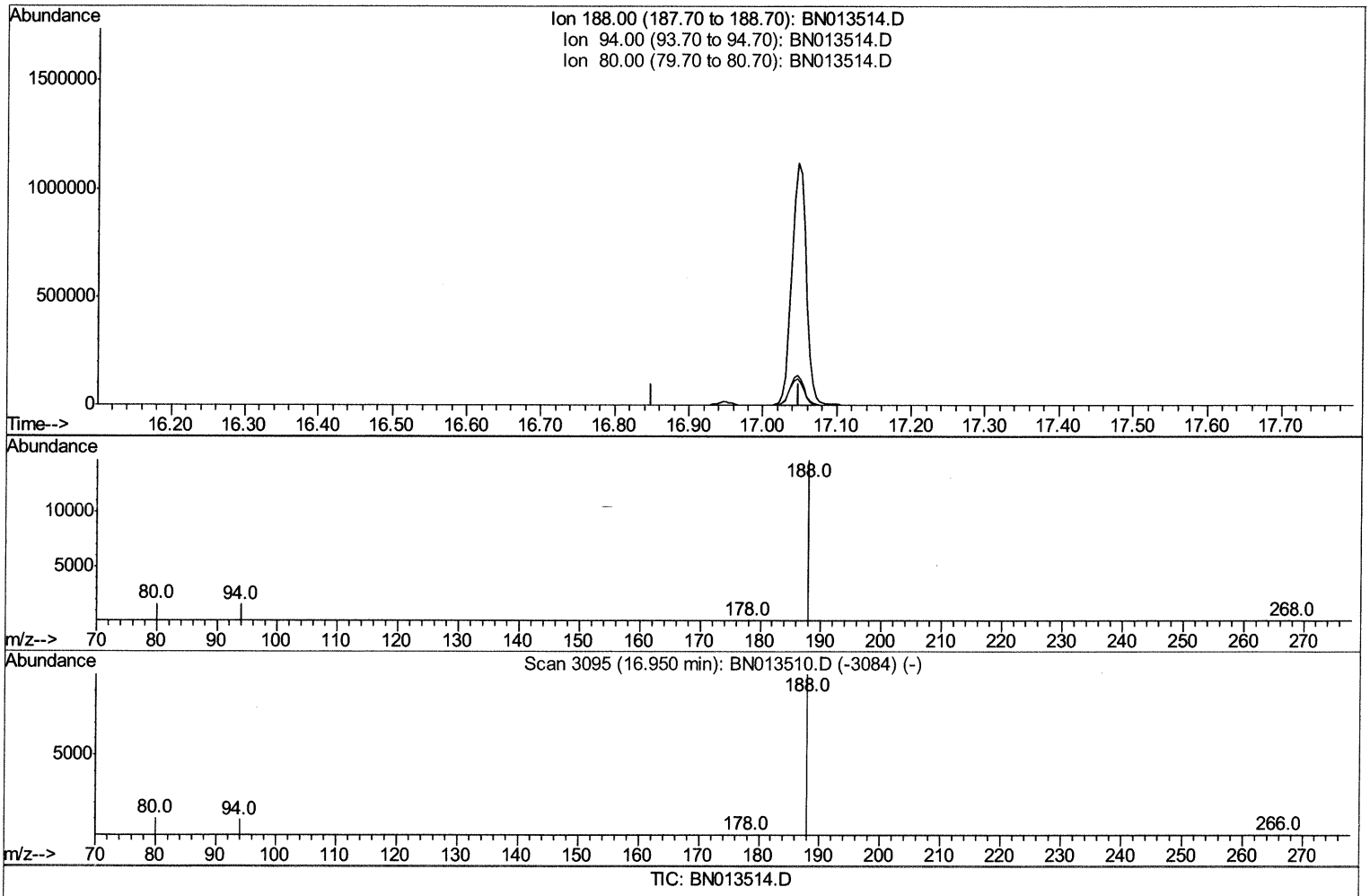
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN012721\
Data File : BN013514.D
Acq On : 27 Jan 2021 20:08
Operator : CG/JU
Sample : M1099-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jan 28 06:43:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 27 11:55:49 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F1C04

Manual Integrations APPROVED
mohammad
1/28/2021 11:44:29 AM



TIC: BN013514.D

(10) Phenanthrene-d10 (I)

16.949min (-16.949) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	10.80	0.00#
80.00	11.50	0.00#
0.00	0.00	0.00

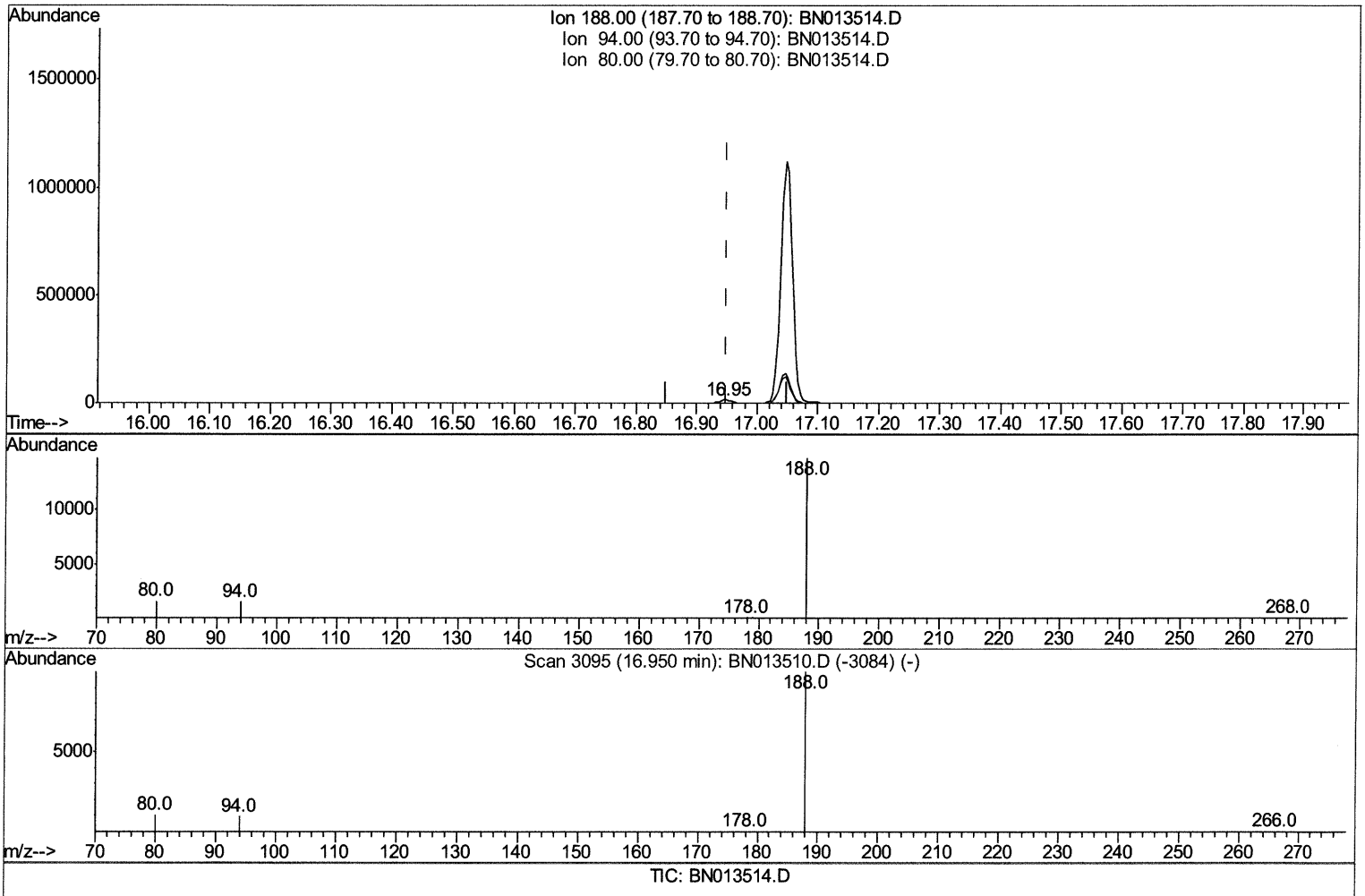
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN012721\
Data File : BN013514.D
Acq On : 27 Jan 2021 20:08
Operator : CG/JU
Sample : M1099-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jan 28 06:43:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 27 11:55:49 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F1C04

Manual Integrations APPROVED
mohammad
1/28/2021 11:44:29 AM



TIC: BN013514.D

(10) Phenanthrene-d10 (I)

16.950min (+0.000) 0.40ng/ul m 01/28/21JU

response 19654

Ion	Exp%	Act%
188.00	100	100
94.00	10.80	10.39
80.00	11.50	10.90
0.00	0.00	0.00

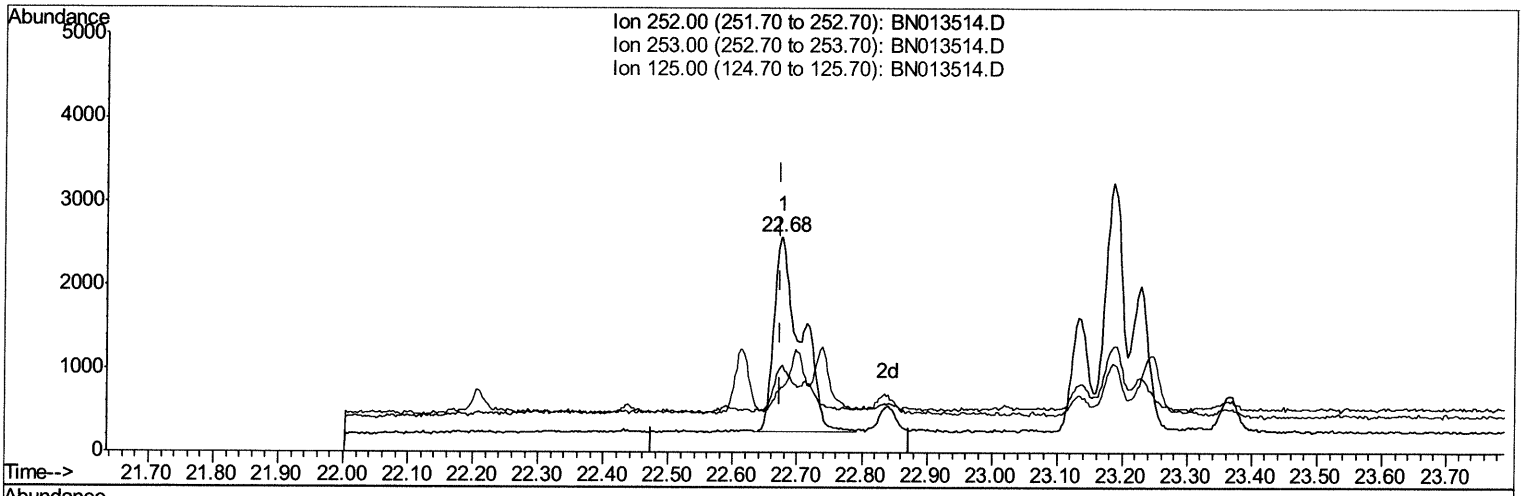
Quantitation Report (Qedit)

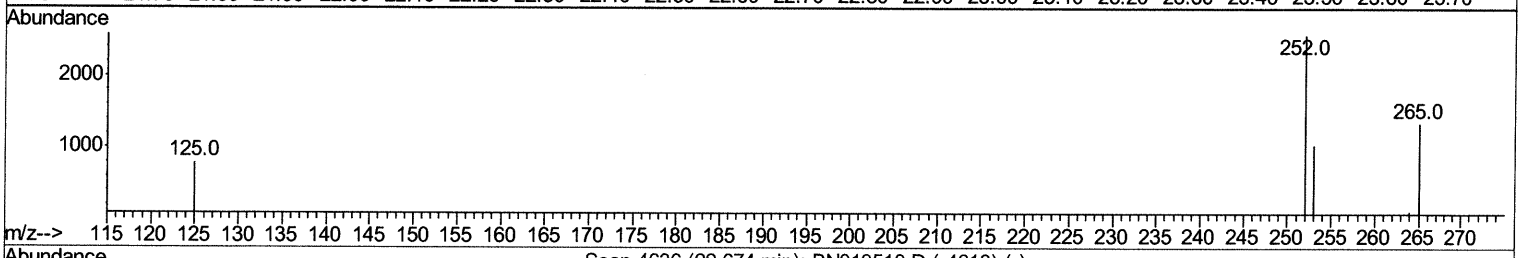
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN012721\
Data File : BN013514.D
Acq On : 27 Jan 2021 20:08
Operator : CG/JU
Sample : M1099-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

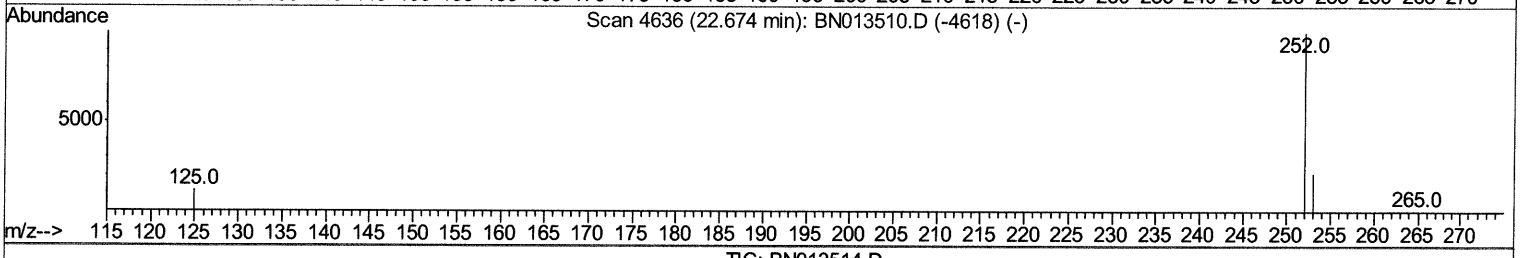
Quant Time: Jan 28 06:44:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 27 11:55:49 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F1C04

Manual Integrations APPROVED
mohammad
1/28/2021 11:44:29 AM







TIC: BN013514.D

(21) Benzo(b)fluoranthene

22.677min (+0.003) 0.09ng/ul

response 6678

Ion	Exp%	Act%
252.00	100	100
253.00	23.70	40.59
125.00	13.40	30.44#
0.00	0.00	0.00

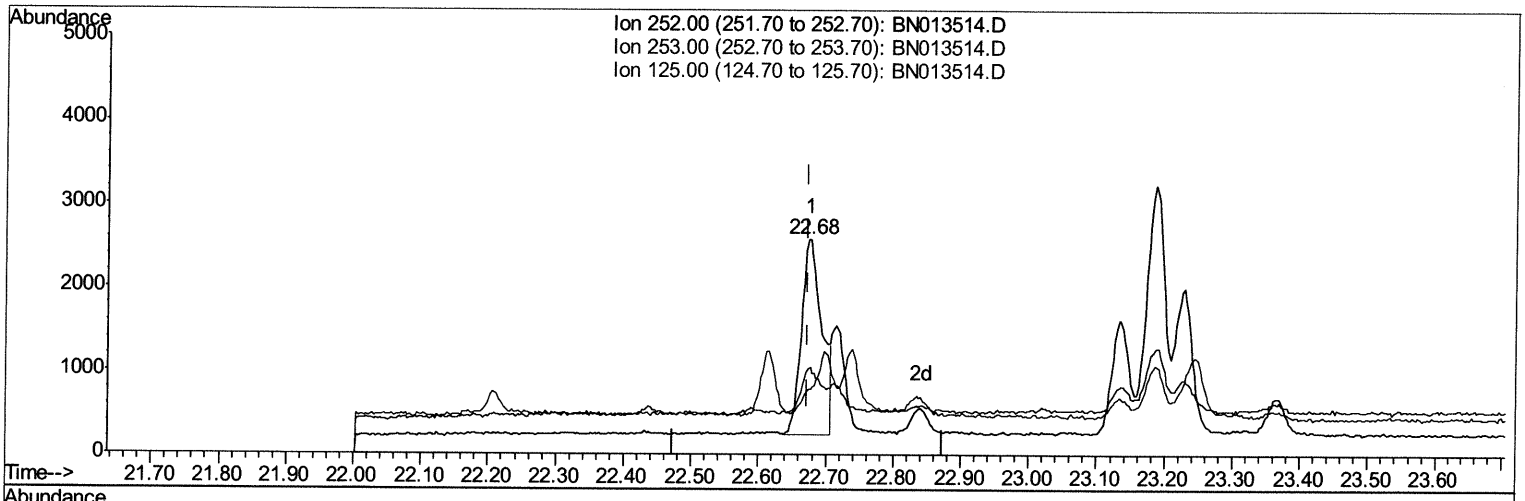
Quantitation Report (Qedit)

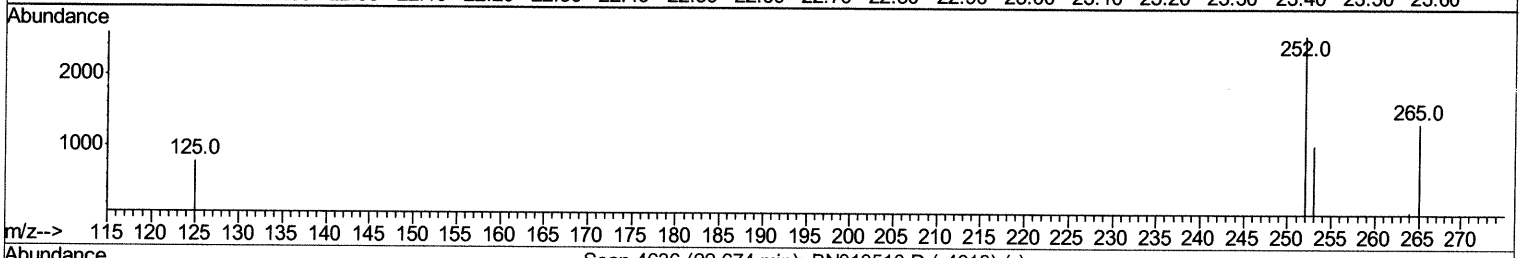
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN012721\
Data File : BN013514.D
Acq On : 27 Jan 2021 20:08
Operator : CG/JU
Sample : M1099-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

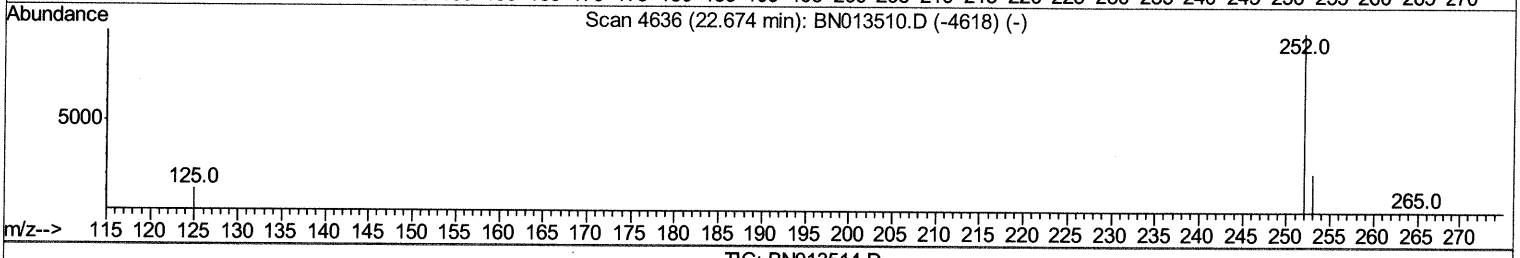
Quant Time: Jan 28 06:44:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 27 11:55:49 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F1C04

Manual Integrations APPROVED
mohammad
1/28/2021 11:44:29 AM







TIC: BN013514.D

(21) Benzo(b)fluoranthene

22.677min (+0.003) 0.07ng/ul m 01/28/21JU

response 4926

Ion	Exp%	Act%
252.00	100	100
253.00	23.70	40.59
125.00	13.40	30.44#
0.00	0.00	0.00

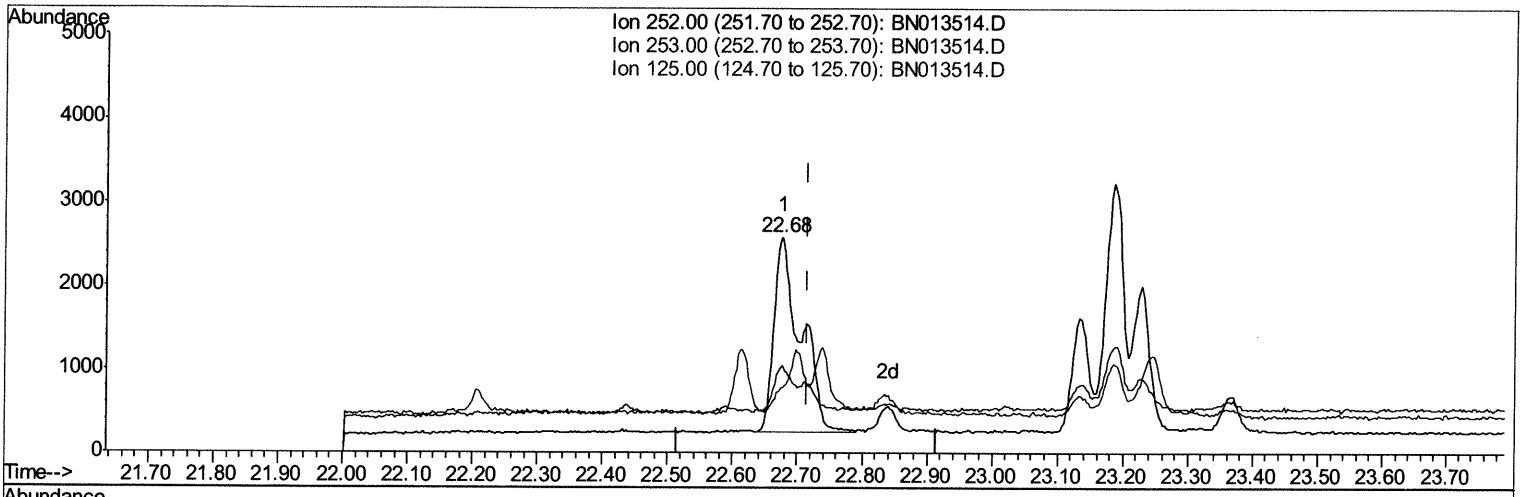
Quantitation Report (Qedit)

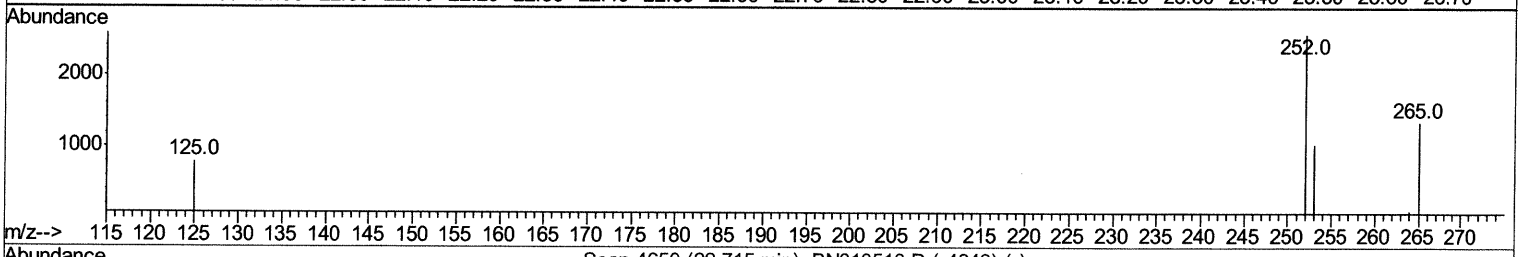
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN012721\
Data File : BN013514.D
Acq On : 27 Jan 2021 20:08
Operator : CG/JU
Sample : M1099-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

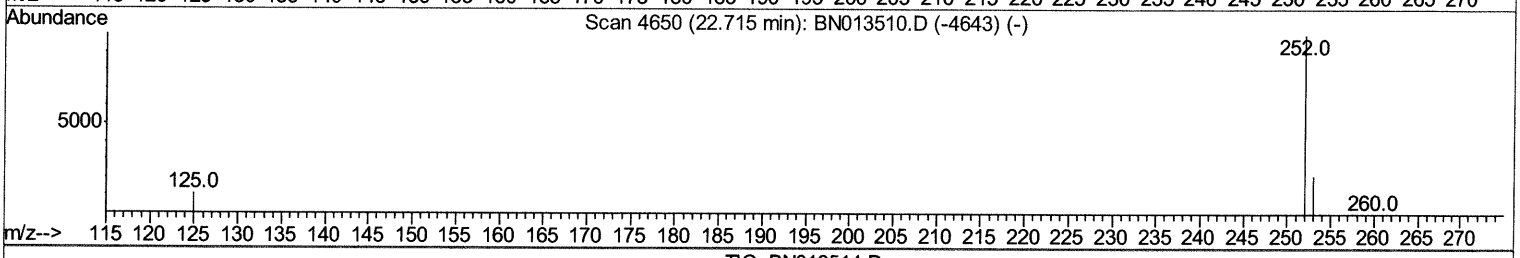
Quant Time: Jan 28 06:44:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 27 11:55:49 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F1C04

Manual Integrations APPROVED
mohammad
1/28/2021 11:44:29 AM







TIC: BN013514.D

(22) Benzo(k)fluoranthene

22.677min (-0.038) 0.08ng/ul

response 6678

Ion	Exp%	Act%
252.00	100	100
253.00	24.00	40.59#
125.00	14.30	30.44#
0.00	0.00	0.00

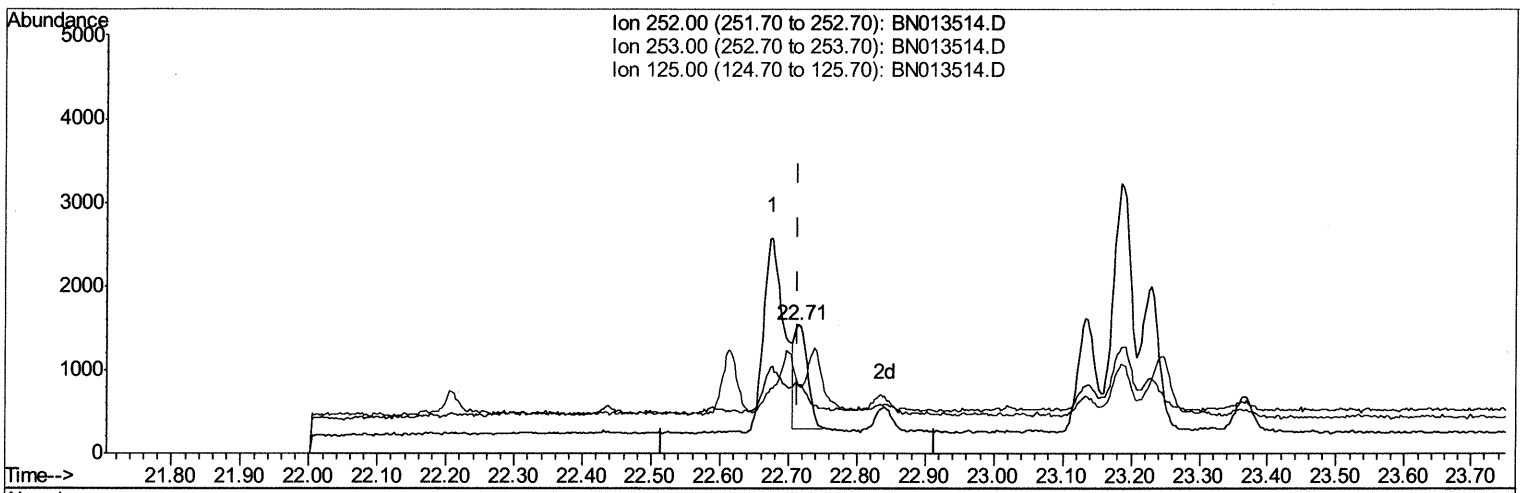
Quantitation Report (Qedit)

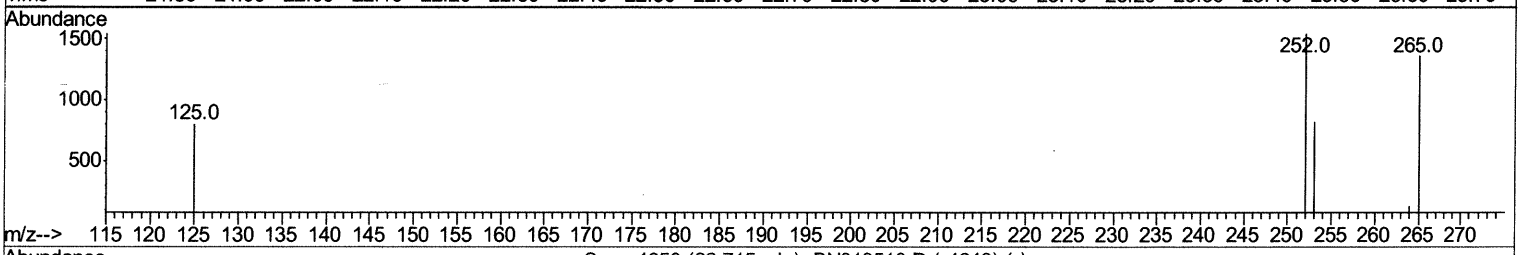
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN012721\
Data File : BN013514.D
Acq On : 27 Jan 2021 20:08
Operator : CG/JU
Sample : M1099-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

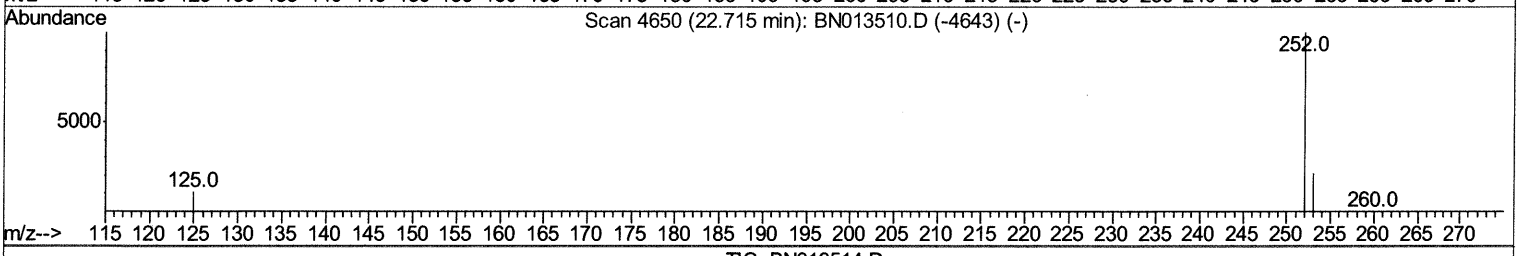
Quant Time: Jan 28 06:44:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 27 11:55:49 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F1C04

Manual Integrations APPROVED
mohammad
1/28/2021 11:44:29 AM







TIC: BN013514.D

(22) Benzo(k)fluoranthene

22.715min (+0.000) 0.02ng/ul m 01/28/21JU

response 1635

Ion	Exp%	Act%
252.00	100	100
253.00	24.00	53.28#
125.00	14.30	51.98#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN012721\
Data File : BN013514.D
Acq On : 27 Jan 2021 20:08
Operator : CG/JU
Sample : M1099-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F1C04

Manual Integrations APPROVED
mohammad
1/28/2021 11:44:29 AM

Quant Time: Jan 28 06:46:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 27 11:55:49 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	4161	0.40	ng/ul	0.00
2) Naphthalene-d8	10.33	136	16013	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.20	164	9496	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.95	188	19654m >	0.40	ng/ul >	0.00 01/28/21 JU
16) Chrysene-d12	21.15	240	18008	0.40	ng/ul	0.00
20) Perylene-d12	23.32	264	17993	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.92	152	9209	0.38	ng/ul	0.00
14) Fluoranthene-d10	18.99	212	18701	0.36	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.38	128	2053	0.044	ng/ul#	88
5) 2-Methylnaphthalene	12.00	142	822	0.028	ng/ul	96
7) Acenaphthylene	13.92	152	2771	0.071	ng/ul#	94
8) Acenaphthene	14.26	153	1069	0.031	ng/ul	98
9) Fluorene	15.25	166	1296	0.034	ng/ul#	94
11) Pentachlorophenol	16.60	266	74	0.026	ng/ul	96
12) Phenanthrene	16.99	178	6213	0.097	ng/ul	97
13) Anthracene	17.08	178	1317	0.025	ng/ul#	81
15) Fluoranthene	19.01	202	6330	0.090	ng/ul	95
17) Pyrene	19.38	202	14477	0.196	ng/ul	99
18) Benzo(a)anthracene	21.14	228	2094	0.035	ng/ul#	59
19) Chrysene	21.19	228	2588	0.035	ng/ul#	90
21) Benzo(b)fluoranthene	22.68	252	4926m ∫	0.065	ng/ul ∫	01/28/21 JU
22) Benzo(k)fluoranthene	22.71	252	1635m ∫	0.020	ng/ul ∫	
23) Benzo(a)pyrene	23.23	252	2755	0.043	ng/ul#	50
24) Indeno(1,2,3-cd)pyrene	25.47	276	2790	0.033	ng/ul#	100
26) Benzo(g,h,i)perylene	26.13	276	3736	0.050	ng/ul#	91

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