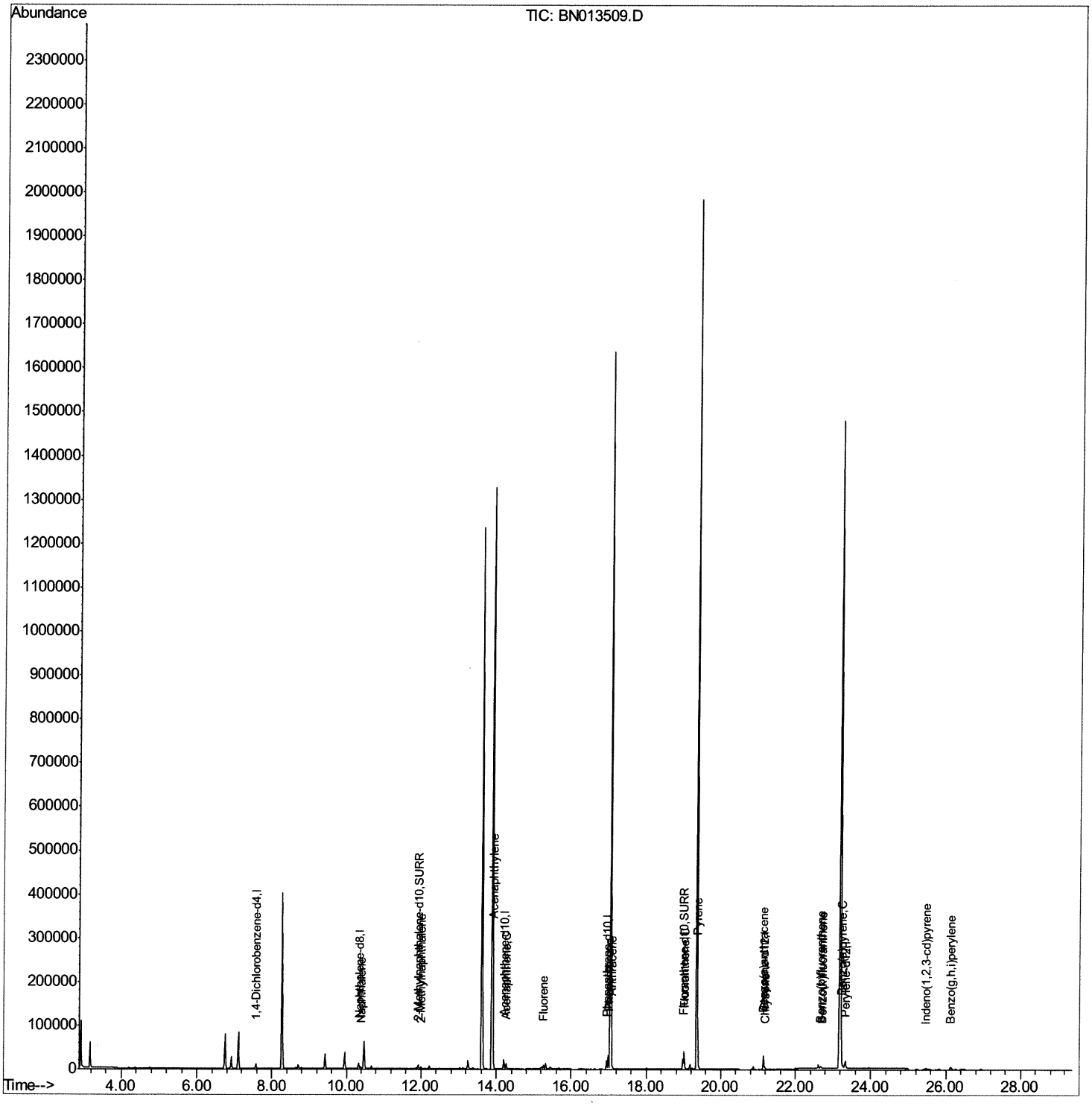
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN012721\
Data File : BN013509.D
Acq On : 27 Jan 2021 15:58
Operator : CG/JU
Sample : M1099-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 27 16:38:05 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 :
F1C11

Manual Integrations APPROVED
mohammad
1/28/2021 11:44:17 AM



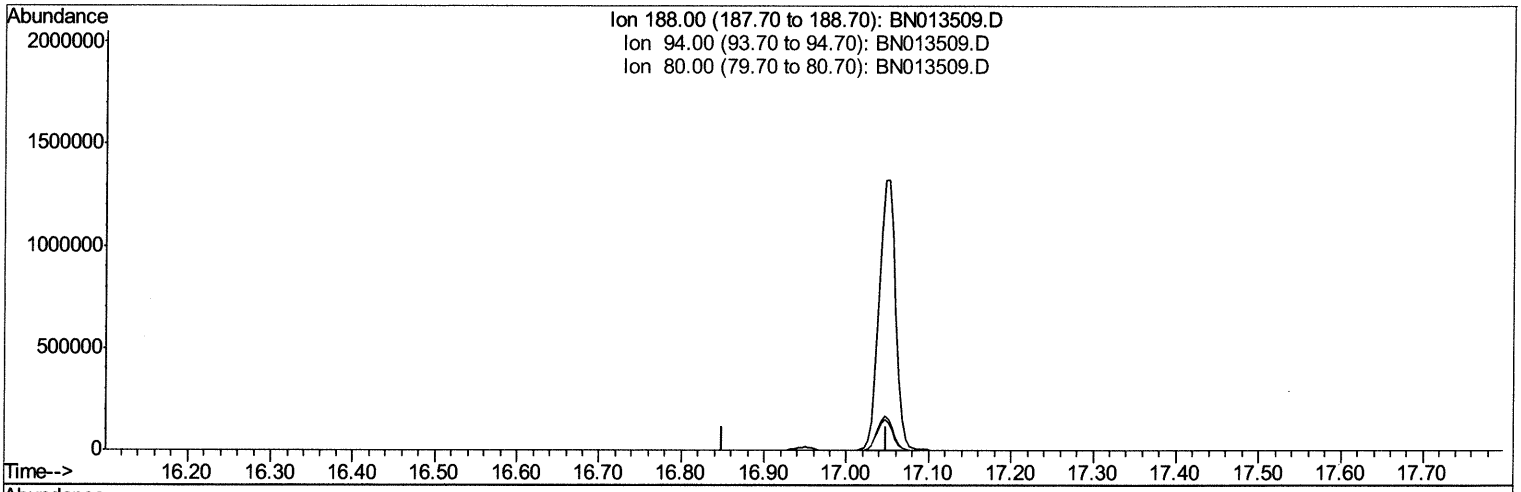
Quantitation Report (Qedit)

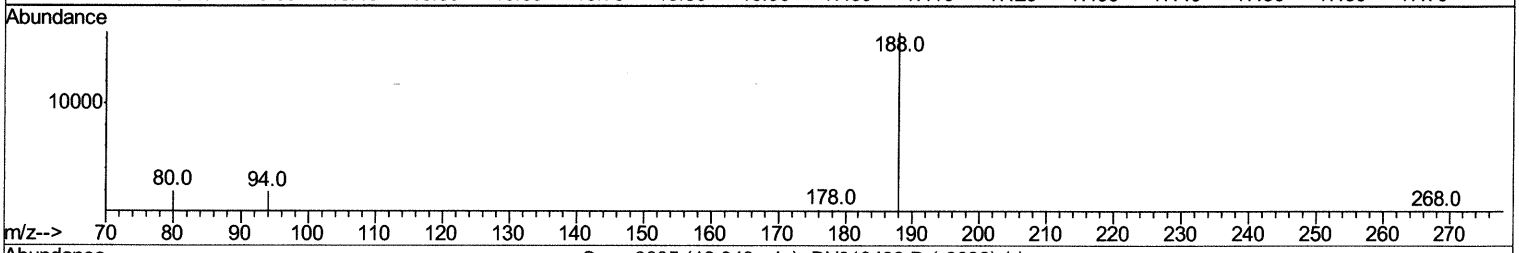
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN012721\
Data File : BN013509.D
Acq On : 27 Jan 2021 15:58
Operator : CG/JU
Sample : M1099-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

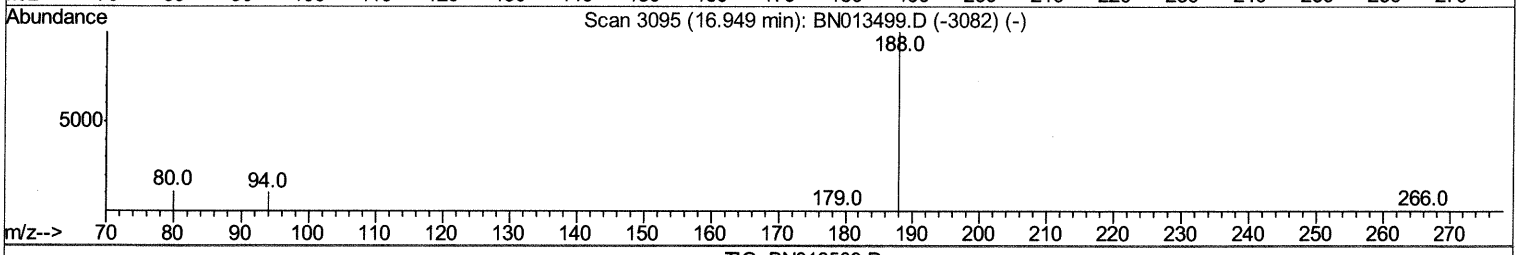
Quant Time: Jan 27 16:36:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 27 11:55:49 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F1C11

Manual Integrations APPROVED
mohammad
1/28/2021 11:44:17 AM







TIC: BN013509.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

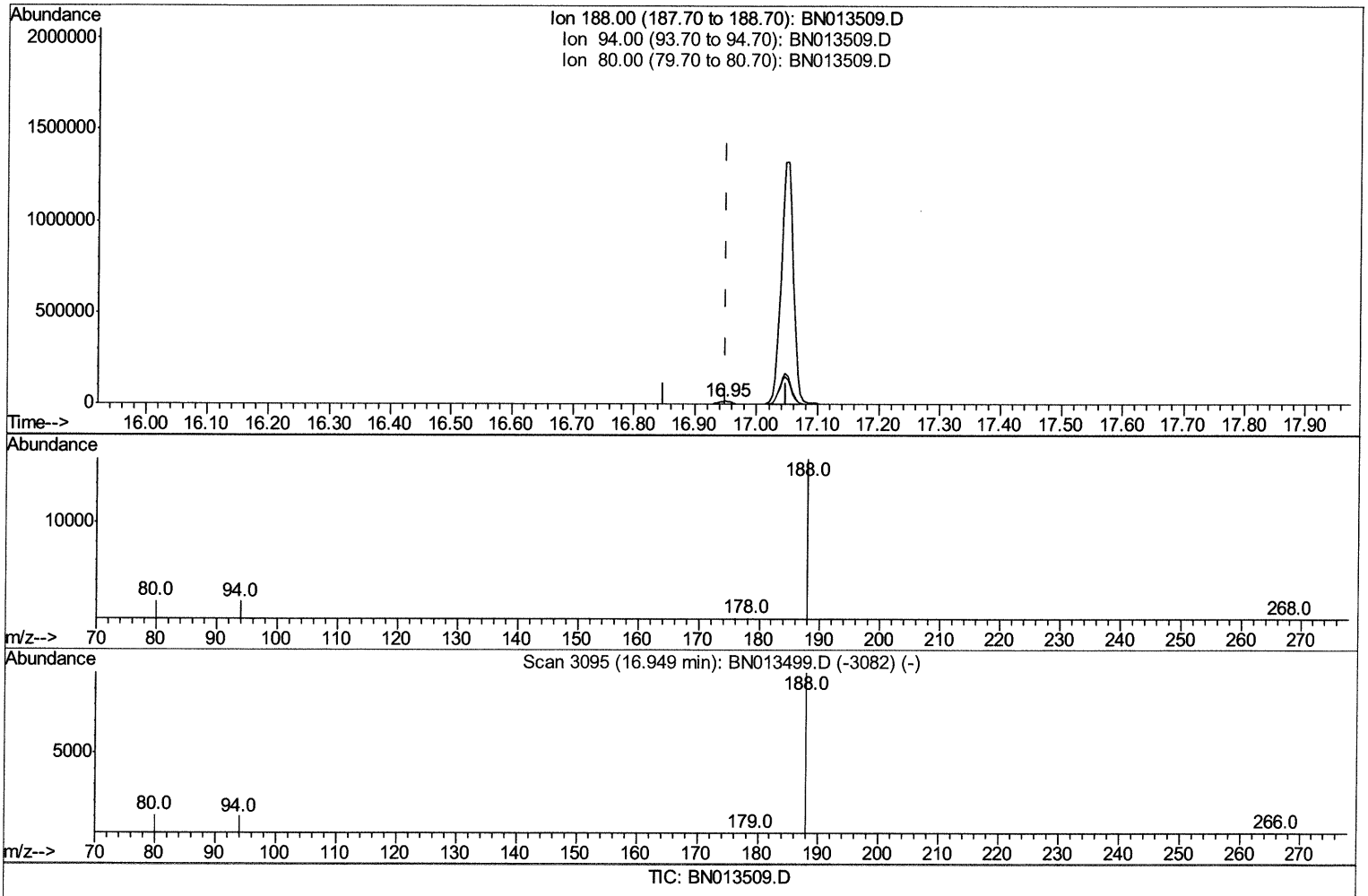
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN012721\
Data File : BN013509.D
Acq On : 27 Jan 2021 15:58
Operator : CG/JU
Sample : M1099-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 27 16:36:13 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 :
F1C11

Manual Integrations APPROVED
mohammad
1/28/2021 11:44:17 AM



TIC: BN013509.D

(10) Phenanthrene-d10 (I)

16.950min (+0.000) 0.40ng/ul m 01/28/2021

response 22671

Ion	Exp%	Act%
188.00	100	100
94.00	10.80	10.95
80.00	11.50	11.49
0.00	0.00	0.00

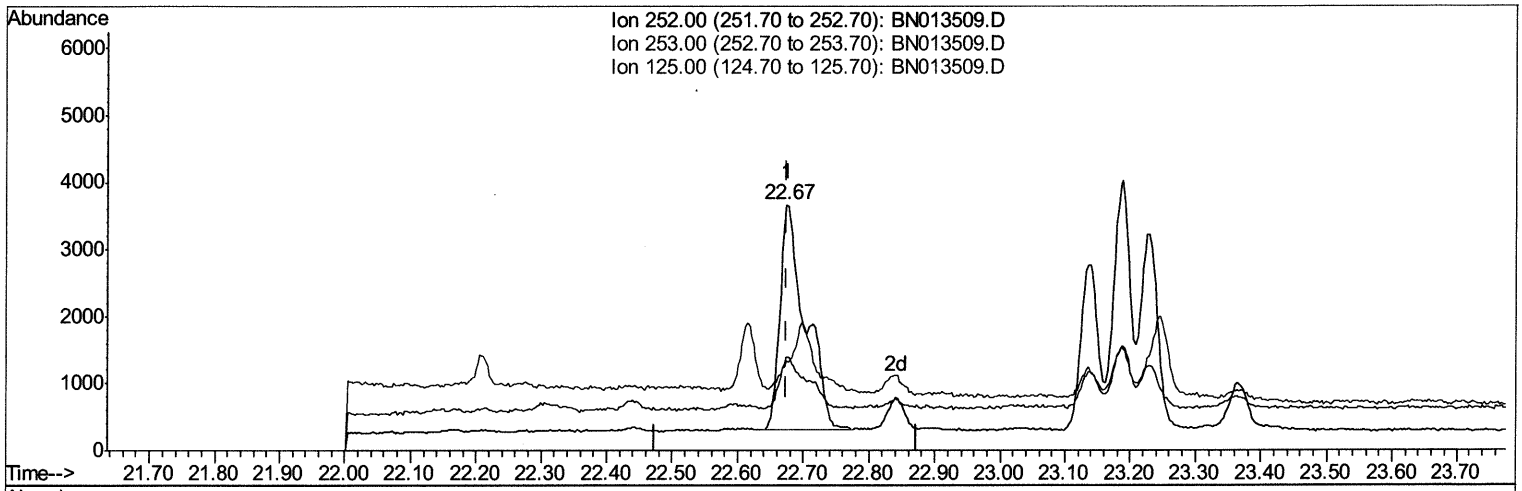
Quantitation Report (Qedit)

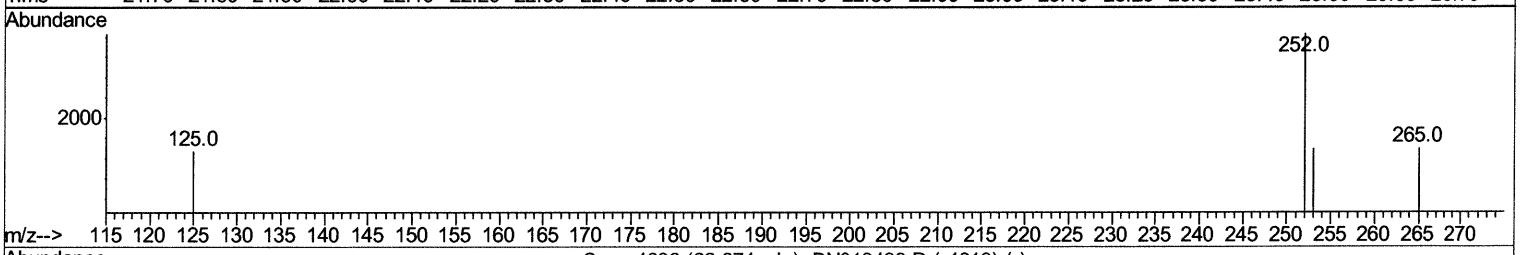
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN012721\
Data File : BN013509.D
Acq On : 27 Jan 2021 15:58
Operator : CG/JU
Sample : M1099-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

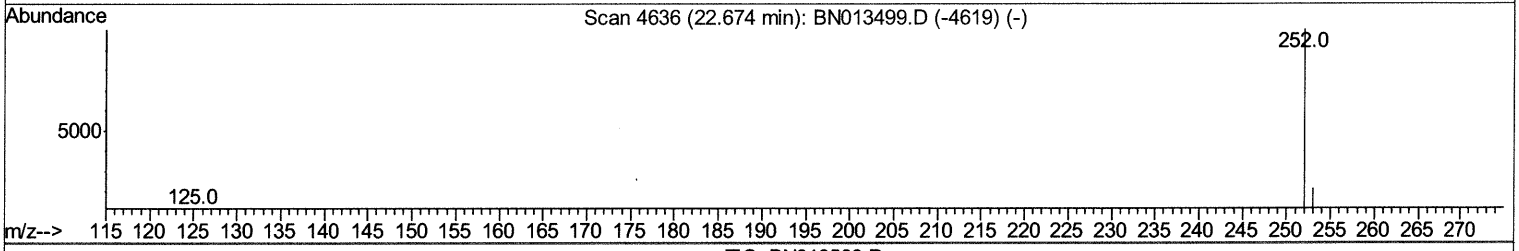
Quant Time: Jan 27 16:37:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 27 11:55:49 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F1C11

Manual Integrations APPROVED
mohammad
1/28/2021 11:44:17 AM







TIC: BN013509.D

(21) Benzo(b)fluoranthene

22.674min (+0.000) 0.11ng/ul

response 9094

Ion	Exp%	Act%
252.00	100	100
253.00	23.70	38.13
125.00	13.40	36.63#
0.00	0.00	0.00

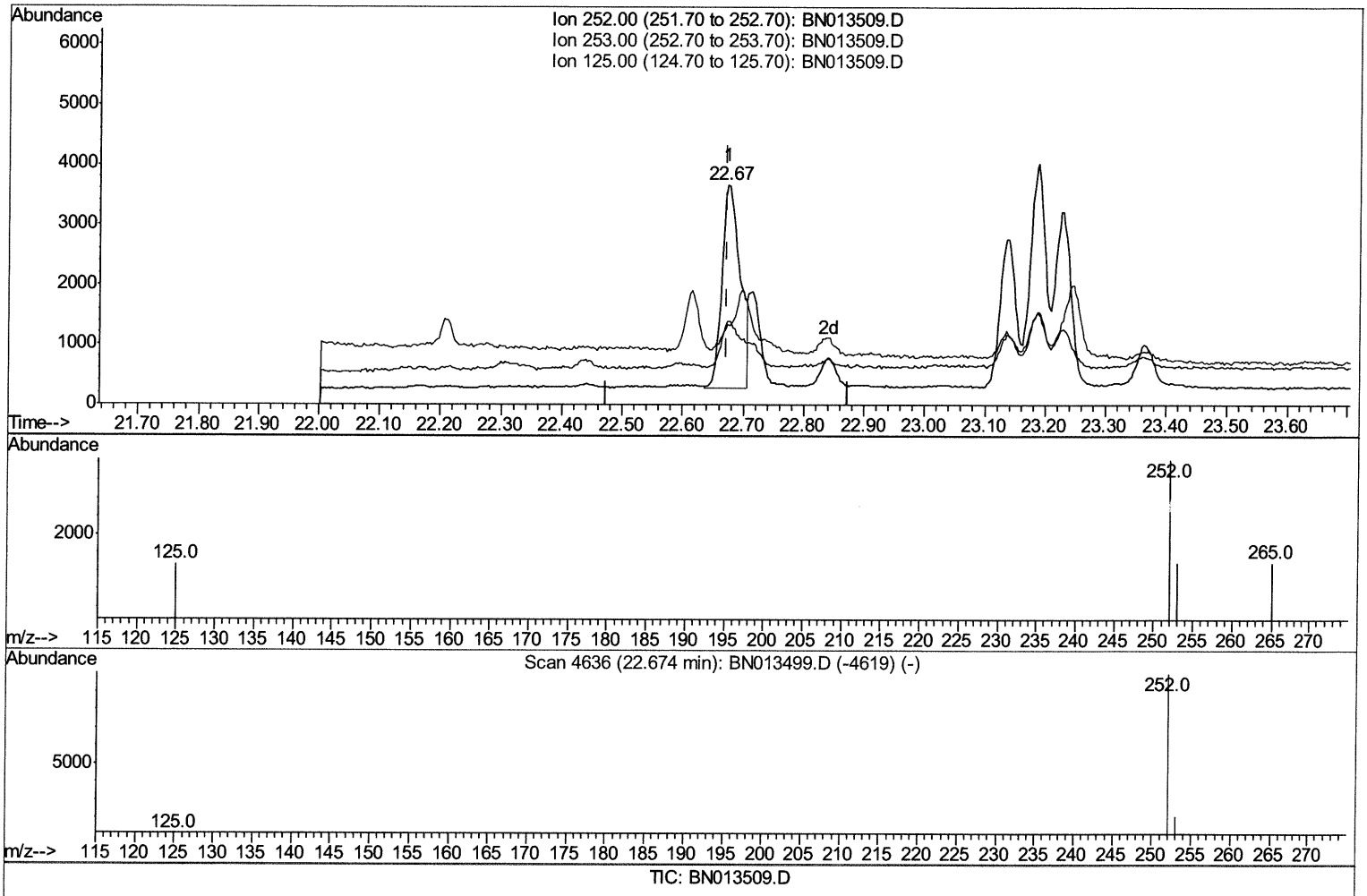
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN012721\
Data File : BN013509.D
Acq On : 27 Jan 2021 15:58
Operator : CG/JU
Sample : M1099-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 27 16:37:03 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 :
F1C11

Manual Integrations APPROVED
mohammad
1/28/2021 11:44:17 AM



TIC: BN013509.D

(21) Benzo(b)fluoranthene

22.674min (+0.000) 0.08ng/ul m 01/28/21 JU

response 7041

Ion	Exp%	Act%
252.00	100	100
253.00	23.70	38.13
125.00	13.40	36.63#
0.00	0.00	0.00

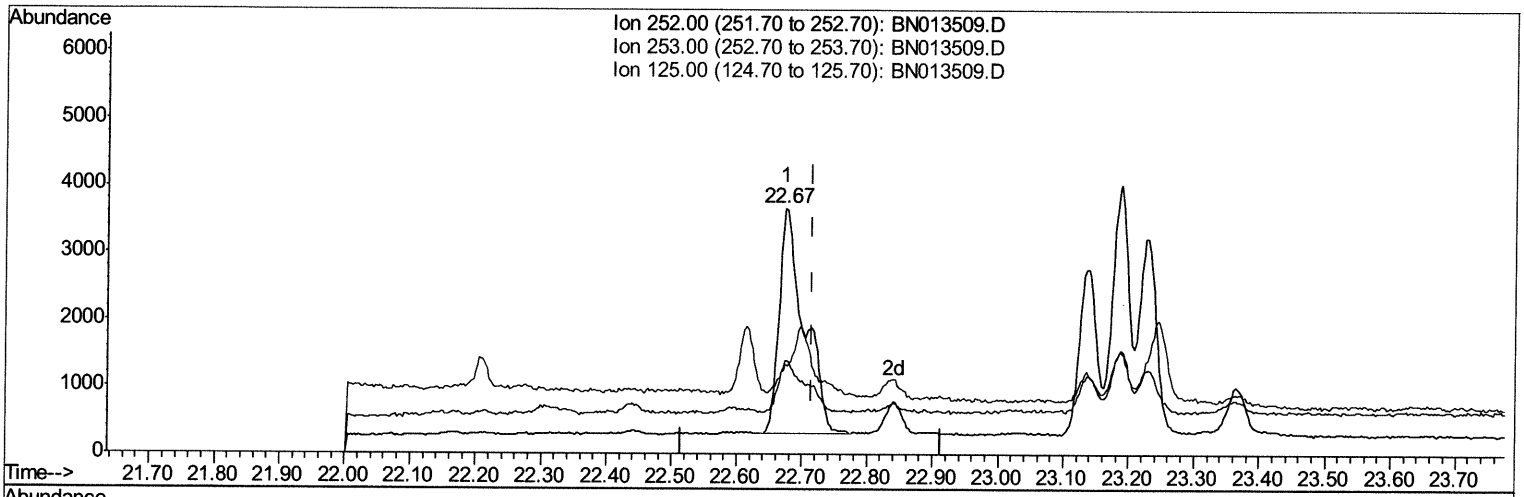
Quantitation Report (Qedit)

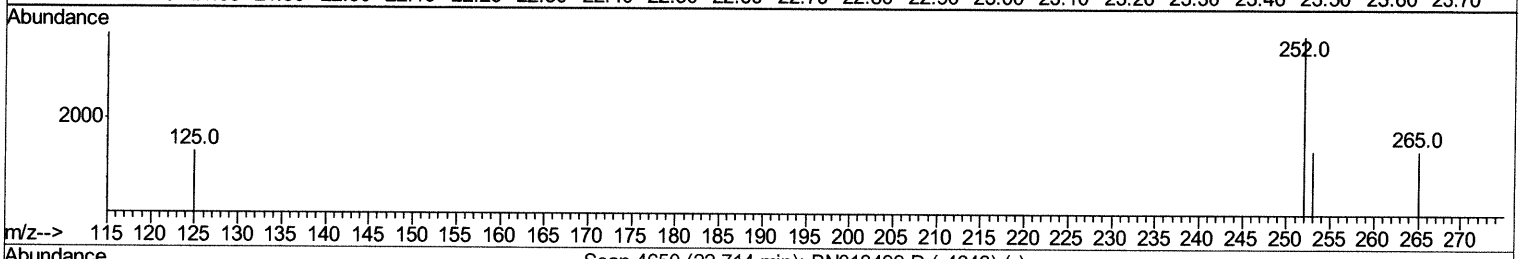
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN012721\
Data File : BN013509.D
Acq On : 27 Jan 2021 15:58
Operator : CG/JU
Sample : M1099-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

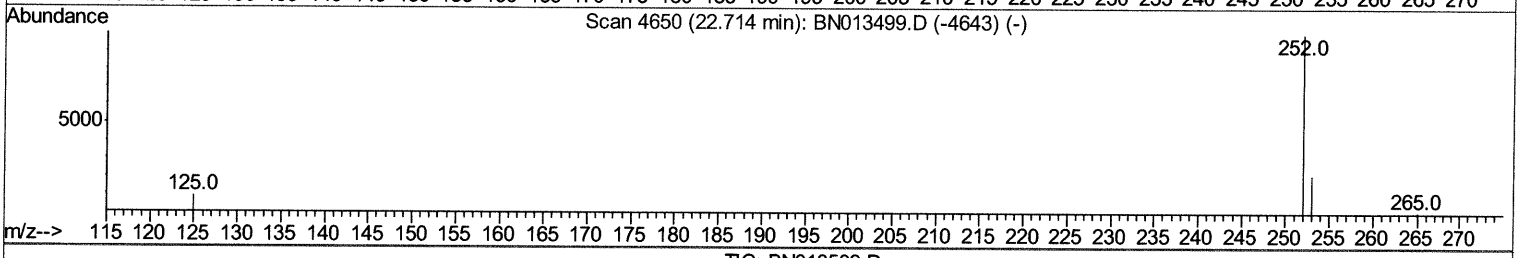
Quant Time: Jan 27 16:37:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 27 11:55:49 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F1C11

Manual Integrations APPROVED
mohammad
1/28/2021 11:44:17 AM







TIC: BN013509.D

(22) Benzo(k)fluoranthene

22.674min (-0.041) 0.10ng/ul

response 9094

Ion	Exp%	Act%
252.00	100	100
253.00	24.00	38.13#
125.00	14.30	36.63#
0.00	0.00	0.00

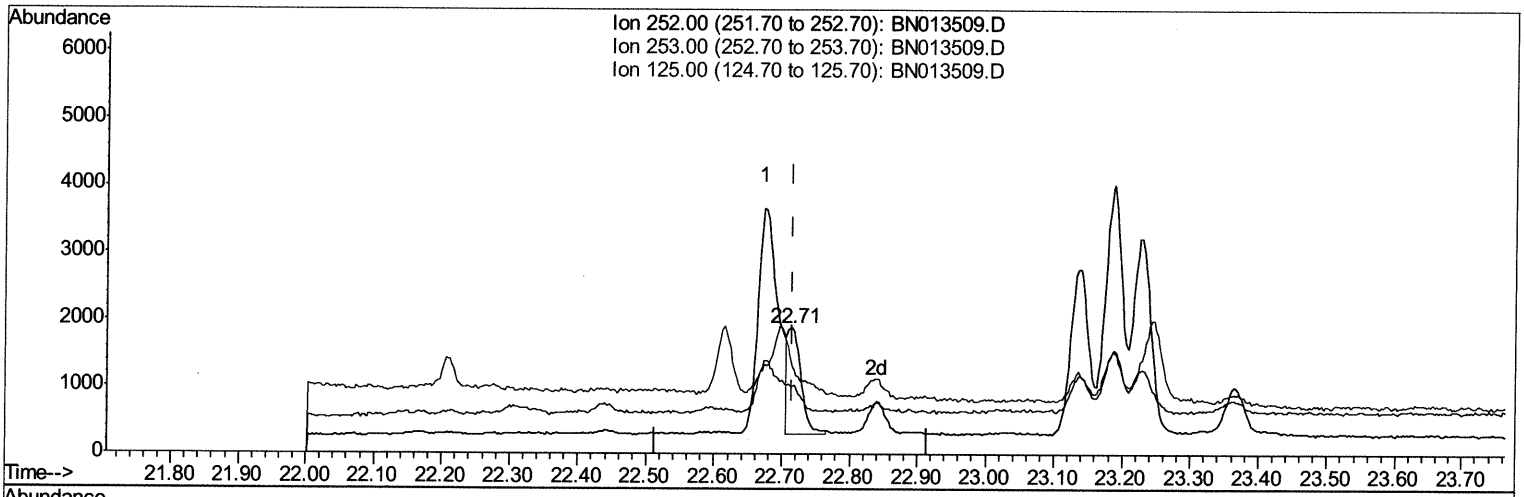
Quantitation Report (Qedit)

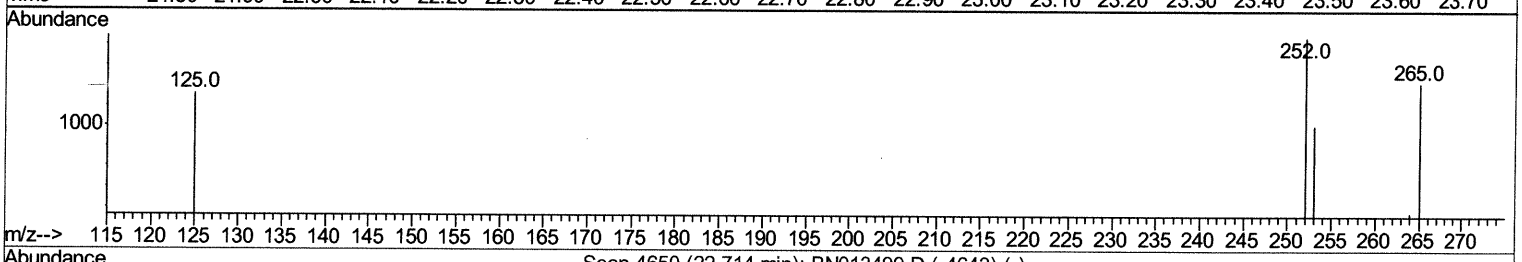
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN012721\
Data File : BN013509.D
Acq On : 27 Jan 2021 15:58
Operator : CG/JU
Sample : M1099-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

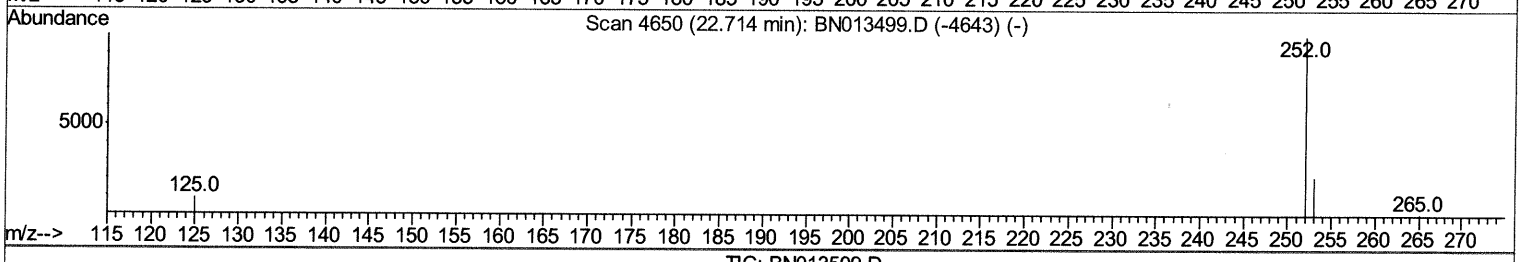
Quant Time: Jan 27 16:37:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 27 11:55:49 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F1C11

Manual Integrations APPROVED
mohammad
1/28/2021 11:44:17 AM







TIC: BN013509.D

(22) Benzo(k)fluoranthene

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

response 2220

Ion	Exp%	Act%
252.00	100	100
253.00	24.00	53.90#
125.00	14.30	69.71#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN012721\
Data File : BN013509.D
Acq On : 27 Jan 2021 15:58
Operator : CG/JU
Sample : M1099-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F1C11

Manual Integrations APPROVED
mohammad
1/28/2021 11:44:17 AM

Quant Time: Jan 27 16:38:05 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	4738	0.40	ng/ul	0.00	
2) Naphthalene-d8	10.33	136	18332	0.40	ng/ul	0.00	
6) Acenaphthene-d10	14.20	164	10965	0.40	ng/ul	0.00	
10) Phenanthrene-d10	16.95	188	22671m >	0.40	ng/ul >	0.00	01/28/21 JU
16) Chrysene-d12	21.15	240	20975	0.40	ng/ul	0.00	
20) Perylene-d12	23.32	264	20130	0.40	ng/ul	0.00	
System Monitoring Compounds							
4) 2-Methylnaphthalene-d10	11.92	152	11399	0.41	ng/ul	0.00	
14) Fluoranthene-d10	18.99	212	24277	0.40	ng/ul	0.00	
Target Compounds						Qvalue	
3) Naphthalene	10.38	128	9396	0.177	ng/ul#	96	
5) 2-Methylnaphthalene	12.00	142	3122	0.093	ng/ul	99	
7) Acenaphthylene	13.92	152	17369	0.384	ng/ul	99	
8) Acenaphthene	14.26	153	7466	0.186	ng/ul	98	
9) Fluorene	15.25	166	6789	0.153	ng/ul#	98	
12) Phenanthrene	16.99	178	32119	0.433	ng/ul	99	
13) Anthracene	17.08	178	6024	0.099	ng/ul#	95	
15) Fluoranthene	19.01	202	34748	0.428	ng/ul	98	
17) Pyrene	19.38	202	68187	0.794	ng/ul	98	
18) Benzo(a)anthracene	21.14	228	4036	0.058	ng/ul#	1	
19) Chrysene	21.19	228	5331	0.062	ng/ul#	90	
21) Benzo(b)fluoranthene	22.67	252	7041m }	0.083	ng/ul }		01/28/21 JU
22) Benzo(k)fluoranthene	22.71	252	2220m }	0.025	ng/ul }		
23) Benzo(a)pyrene	23.23	252	5108	0.071	ng/ul#	60	
24) Indeno(1,2,3-cd)pyrene	25.47	276	4538	0.048	ng/ul#	100	
26) Benzo(g,h,i)perylene	26.13	276	9089	0.108	ng/ul	97	

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