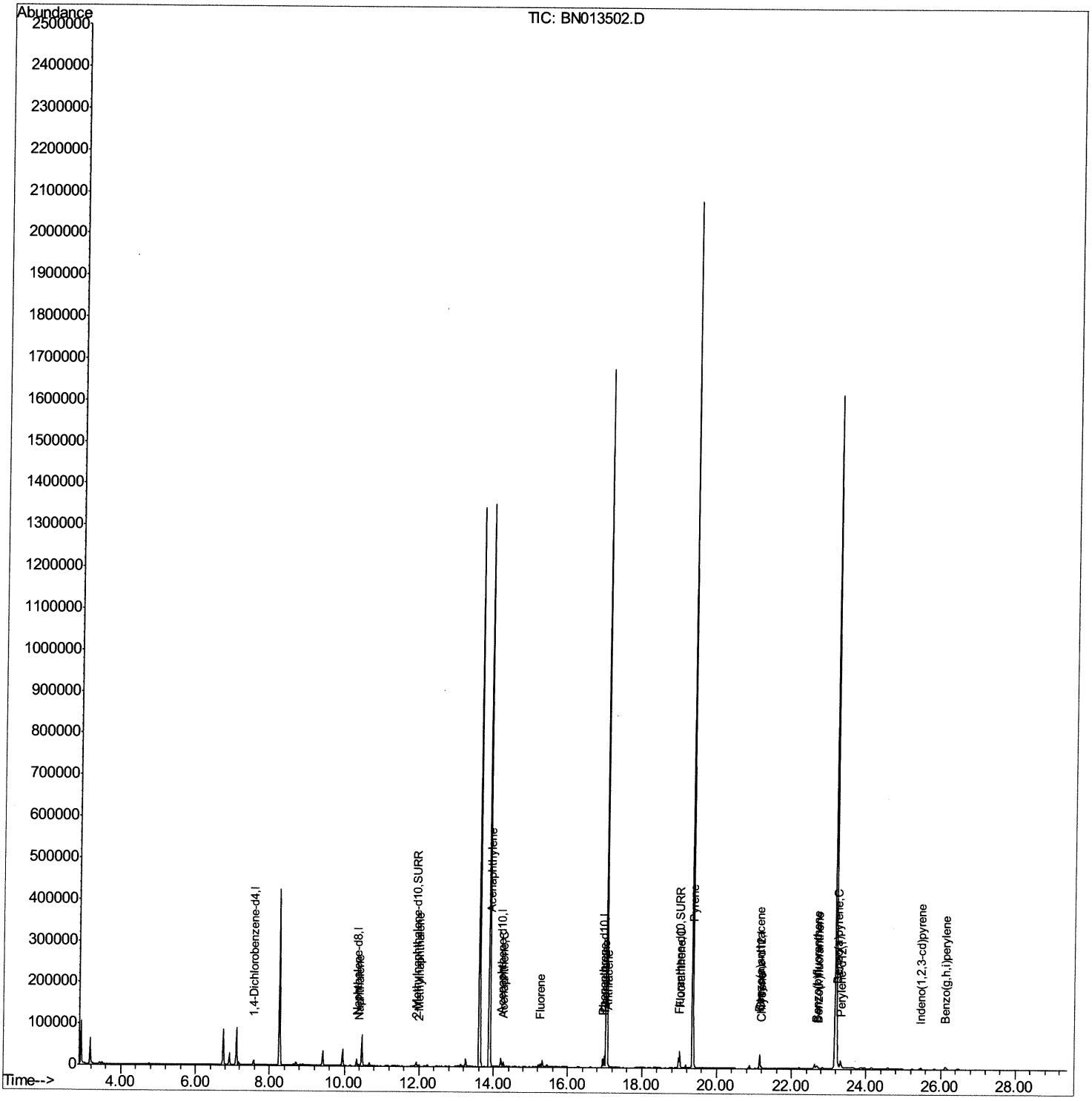
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN012721\
Data File : BN013502.D
Acq On : 27 Jan 2021 11:47
Operator : CG/JU
Sample : M1099-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 27 12:47:16 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 :
F1C14

Manual Integrations APPROVED
mohammad
1/28/2021 11:43:58 AM



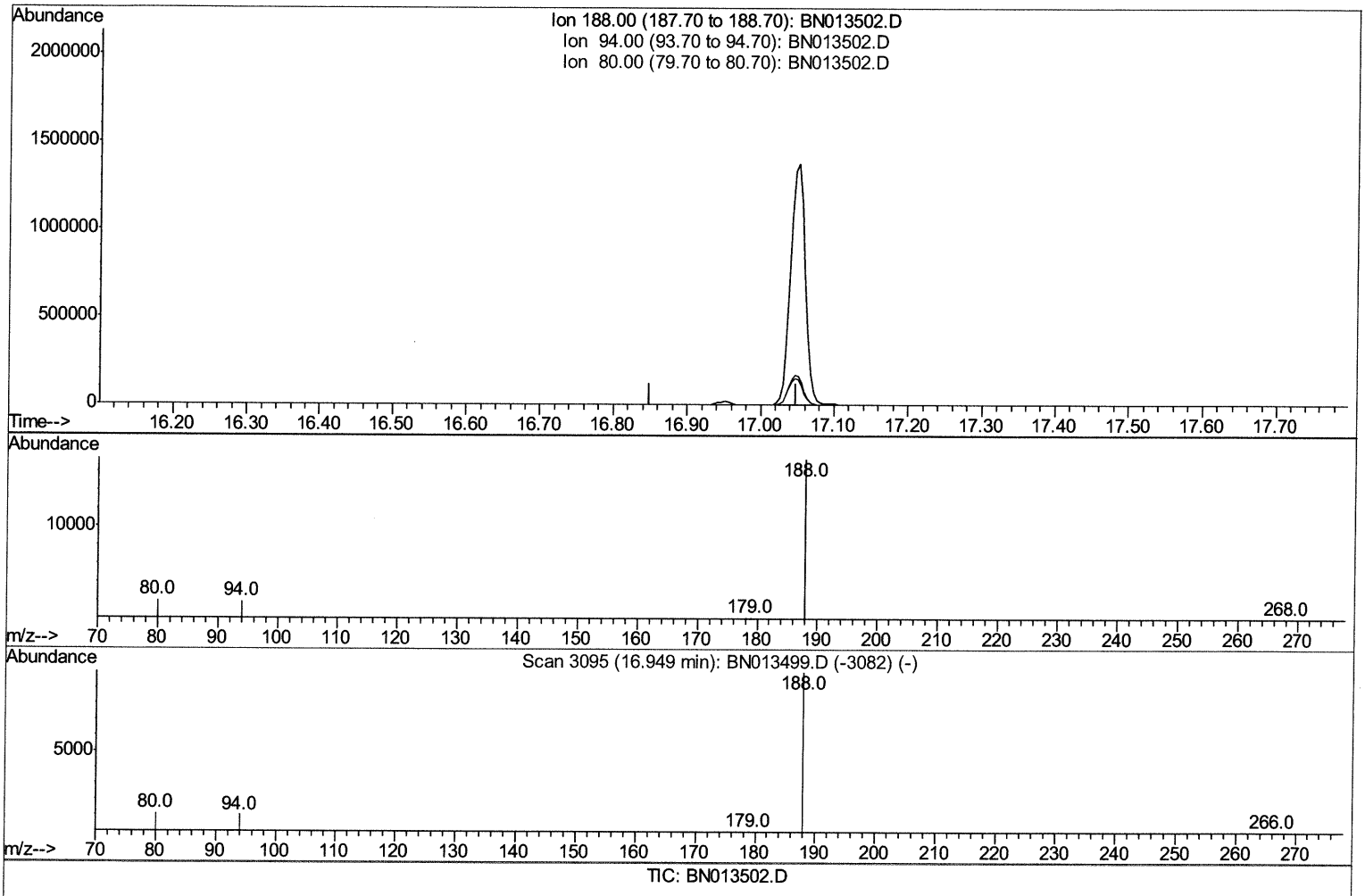
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN012721\
Data File : BN013502.D
Acq On : 27 Jan 2021 11:47
Operator : CG/JU
Sample : M1099-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 27 12:45:35 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 :
F1C14

Manual Integrations APPROVED
mohammad
1/28/2021 11:43:58 AM



TIC: BN013502.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)

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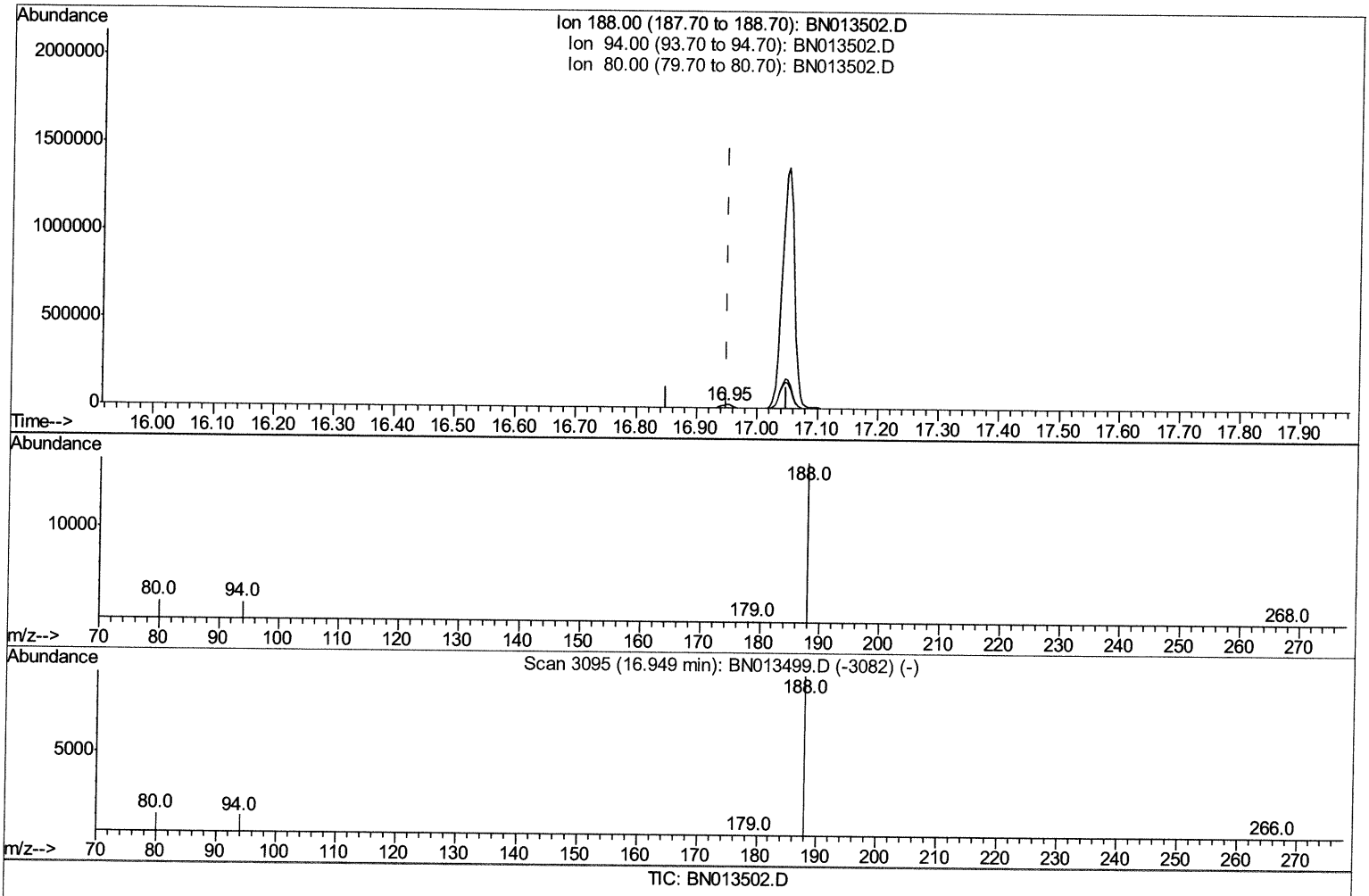
Manual Integrations APPROVED
mohammad
1/28/2021 11:43:58 AM



TIC: BN013502.D

(10) Phenanthrene-d10 (I)

16.949min (0.000) 0.40ng/ul m 01/28/21 JU

response 23768

Ion	Exp%	Act%
188.00	100	100
94.00	10.80	10.65
80.00	11.50	11.45
0.00	0.00	0.00

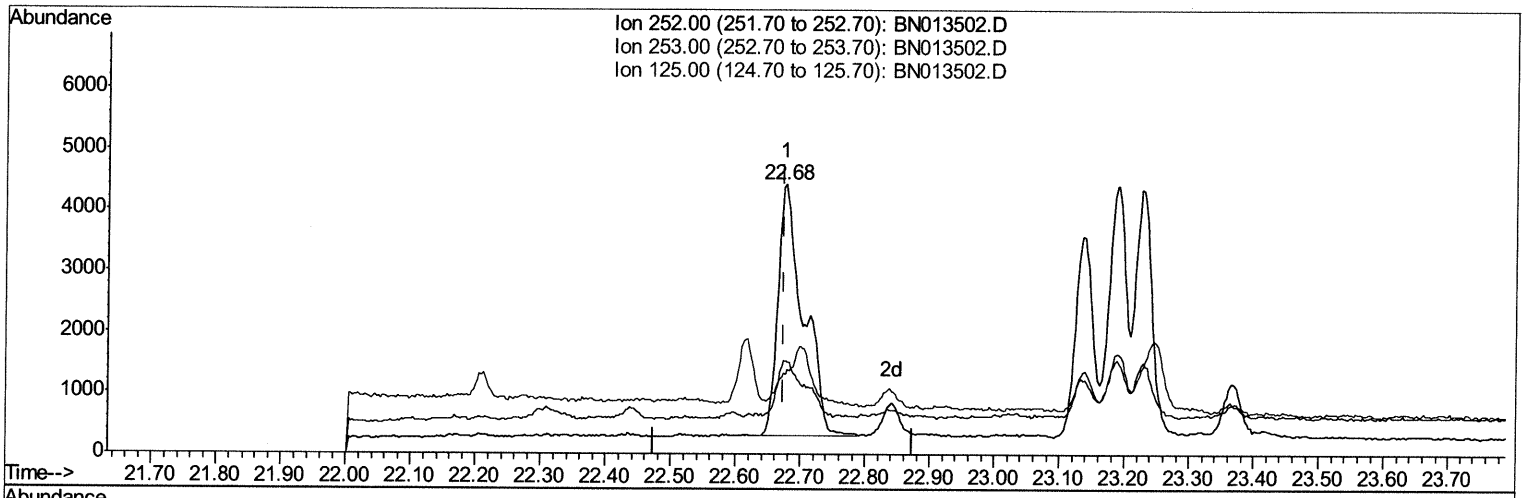
Quantitation Report (Qedit)

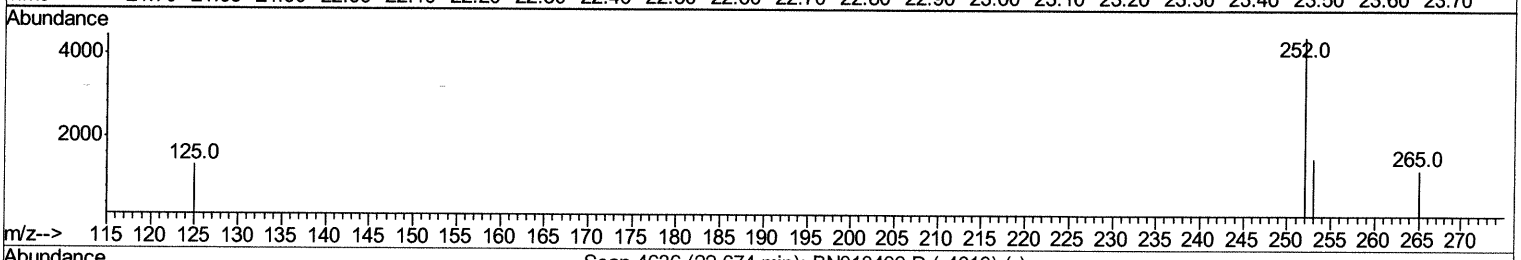
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN012721\
Data File : BN013502.D
Acq On : 27 Jan 2021 11:47
Operator : CG/JU
Sample : M1099-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

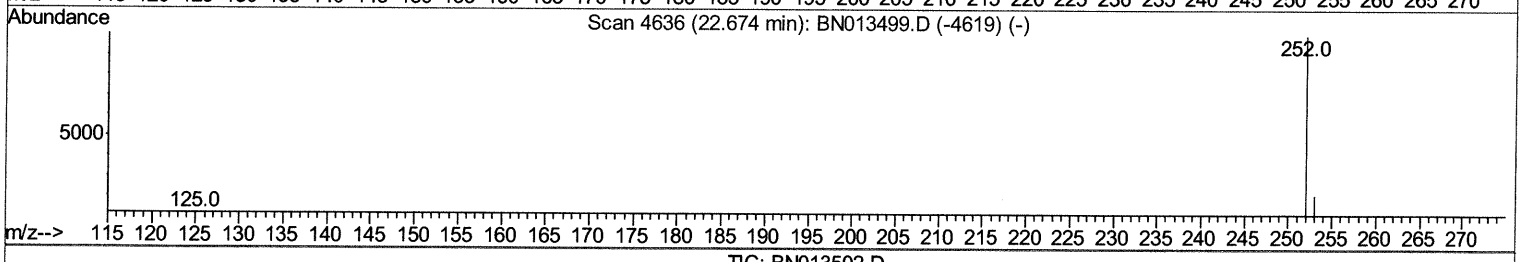
Quant Time: Jan 27 12:46:20 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 27 11:55:49 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F1C14

Manual Integrations APPROVED
mohammad
1/28/2021 11:43:58 AM







TIC: BN013502.D

(21) Benzo(b)fluoranthene

22.676min (+0.003) 0.12ng/ul

response 11357

Ion	Exp%	Act%
252.00	100	100
253.00	23.70	34.65
125.00	13.40	29.61#
0.00	0.00	0.00

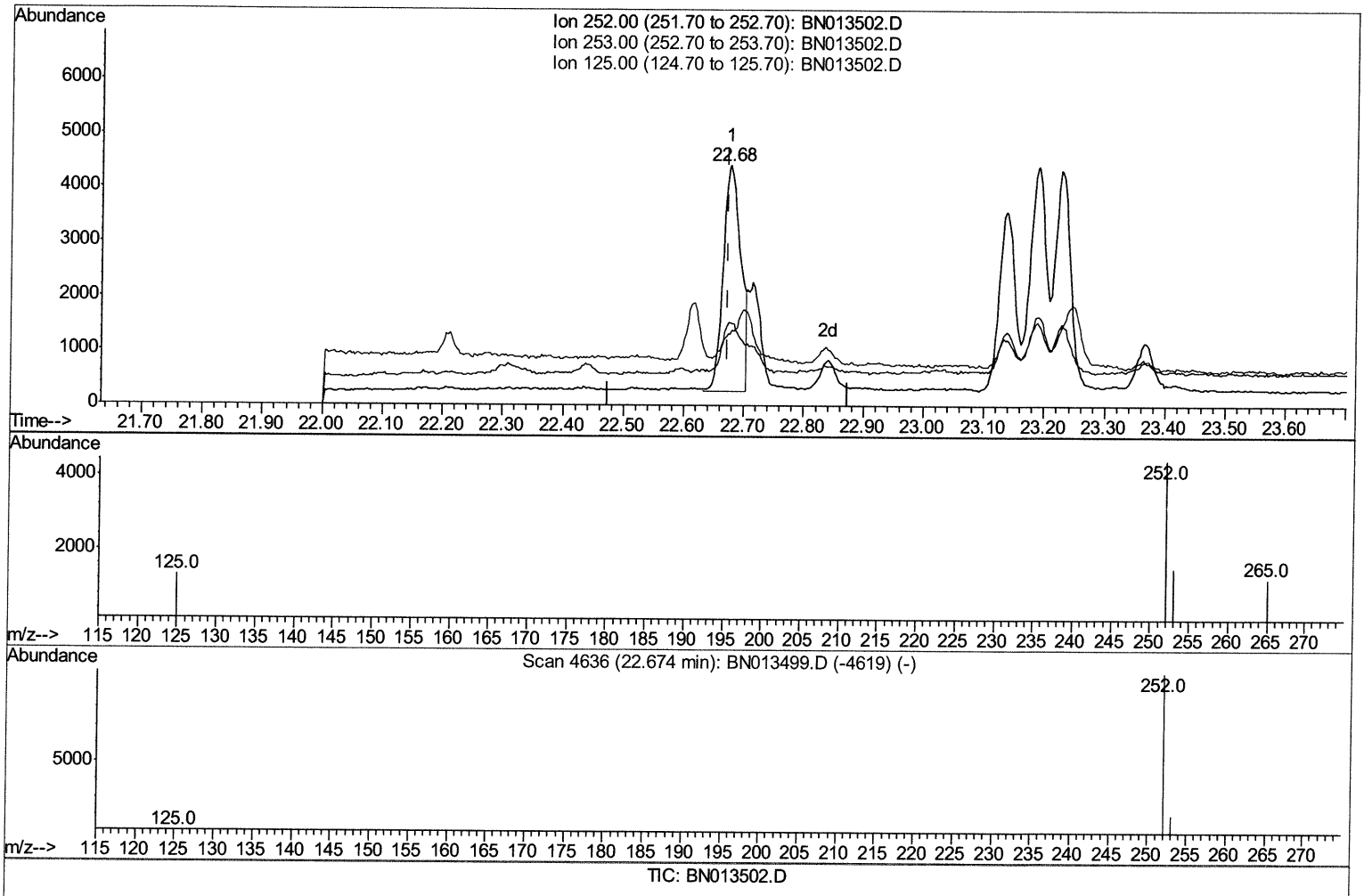
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN012721\
Data File : BN013502.D
Acq On : 27 Jan 2021 11:47
Operator : CG/JU
Sample : M1099-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 27 12:46:20 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 :
F1C14

Manual Integrations APPROVED
mohammad
1/28/2021 11:43:58 AM



TIC: BN013502.D

(21) Benzo(b)fluoranthene

22.676min (+0.003) 0.09ng/ul m 01/28/21JU

response 8410

Ion	Exp%	Act%
252.00	100	100
253.00	23.70	34.65
125.00	13.40	29.61#
0.00	0.00	0.00

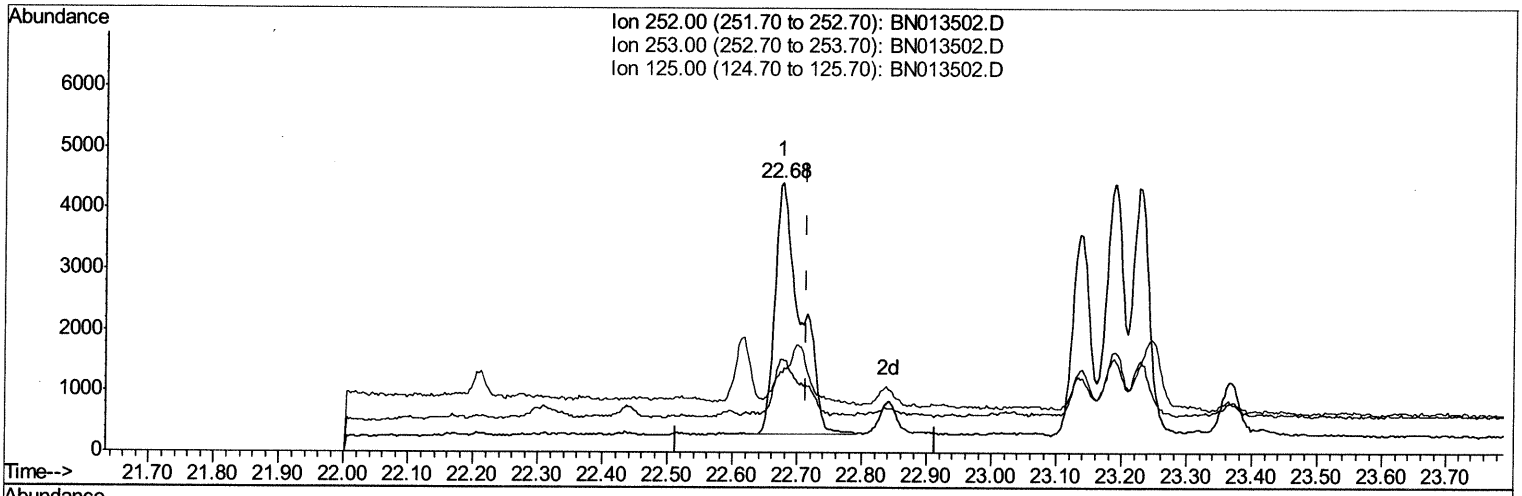
Quantitation Report (Qedit)

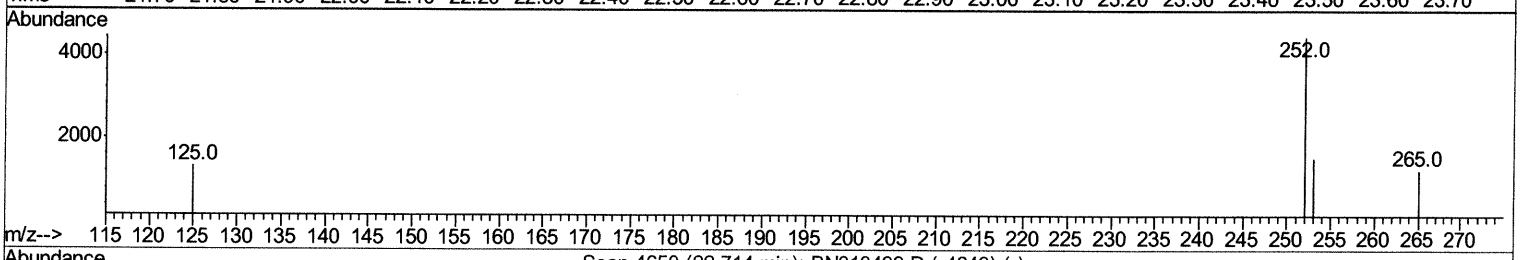
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN012721\
Data File : BN013502.D
Acq On : 27 Jan 2021 11:47
Operator : CG/JU
Sample : M1099-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

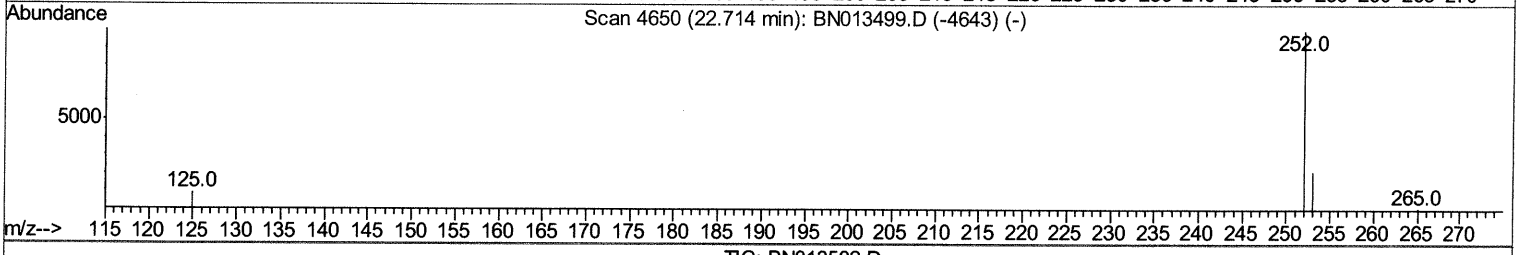
Quant Time: Jan 27 12:46:20 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 27 11:55:49 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F1C14

Manual Integrations APPROVED
mohammad
1/28/2021 11:43:58 AM







TIC: BN013502.D

(22) Benzo(k)fluoranthene

22.676min (-0.038) 0.11ng/ul

response 11357

Ion	Exp%	Act%
252.00	100	100
253.00	24.00	34.65#
125.00	14.30	29.61#
0.00	0.00	0.00

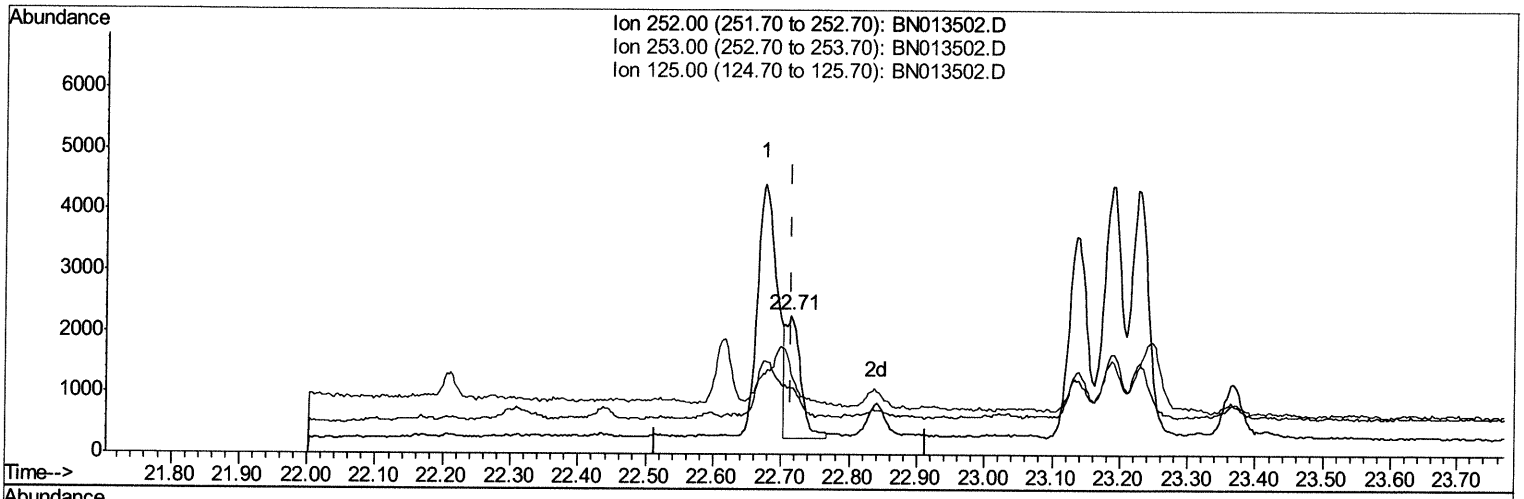
Quantitation Report (Qedit)

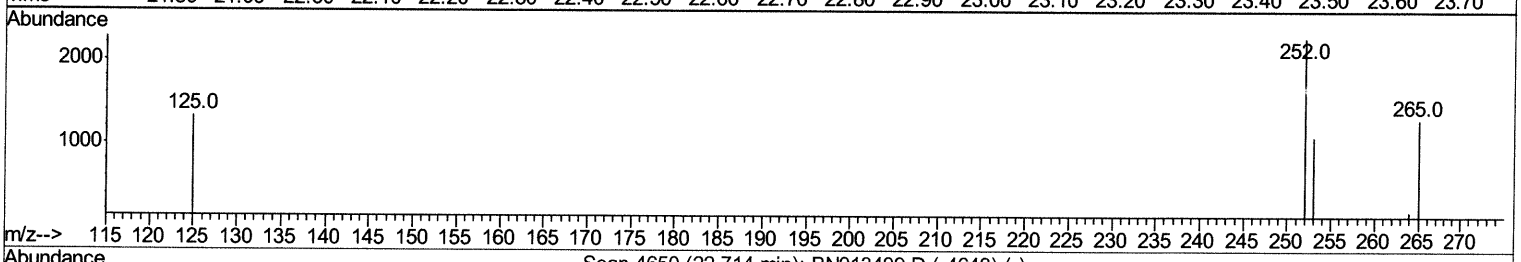
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN012721\
Data File : BN013502.D
Acq On : 27 Jan 2021 11:47
Operator : CG/JU
Sample : M1099-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

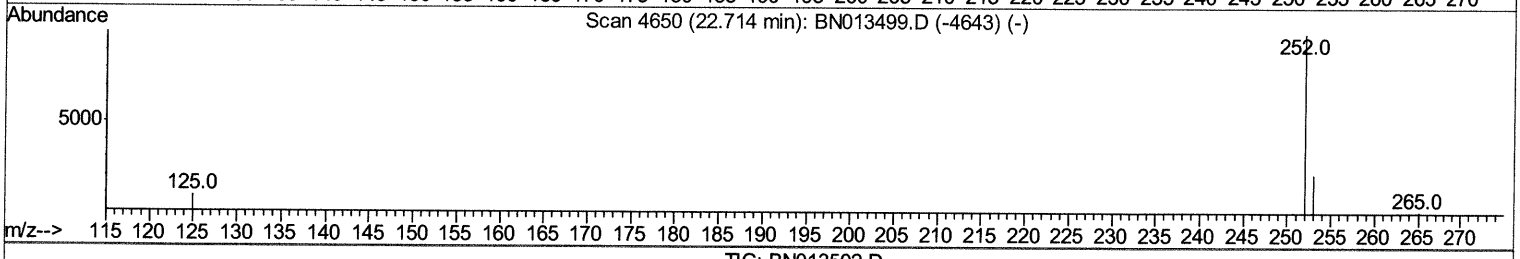
Quant Time: Jan 27 12:46:20 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 27 11:55:49 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F1C14

Manual Integrations APPROVED
mohammad
1/28/2021 11:43:58 AM







TIC: BN013502.D

(22) Benzo(k)fluoranthene

22.714min (0.000) 0.03ng/ul m 01/28/21JU

response 3160

Ion	Exp%	Act%
252.00	100	100
253.00	24.00	47.85#
125.00	14.30	58.30#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN012721\
Data File : BN013502.D
Acq On : 27 Jan 2021 11:47
Operator : CG/JU
Sample : M1099-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F1C14

Manual Integrations APPROVED
mohammad
1/28/2021 11:43:58 AM

Quant Time: Jan 27 12:47:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	5240	0.40	ng/ul	0.00
2) Naphthalene-d8	10.33	136	19763	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.20	164	11543	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.95	188	23768m	0.40	ng/ul	0.00 01/28/2021 JU
16) Chrysene-d12	21.15	240	22895	0.40	ng/ul	0.00
20) Perylene-d12	23.32	264	22578	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.92	152	12078	0.41	ng/ul	0.00
14) Fluoranthene-d10	18.99	212	25728	0.41	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.38	128	7576	0.133	ng/ul	96
5) 2-Methylnaphthalene	12.00	142	2349	0.065	ng/ul	99
7) Acenaphthylene	13.92	152	16535	0.348	ng/ul	99
8) Acenaphthene	14.26	153	6624	0.156	ng/ul	99
9) Fluorene	15.25	166	6680	0.143	ng/ul#	96
12) Phenanthrene	16.99	178	28226	0.363	ng/ul	99
13) Anthracene	17.08	178	5562	0.087	ng/ul#	95
15) Fluoranthene	19.01	202	32566	0.383	ng/ul	98
17) Pyrene	19.38	202	65111	0.695	ng/ul	98
18) Benzo(a)anthracene	21.14	228	4527	0.060	ng/ul#	1
19) Chrysene	21.19	228	6578	0.070	ng/ul#	88
21) Benzo(b)fluoranthene	22.68	252	8410m	0.089	ng/ul	
22) Benzo(k)fluoranthene	22.71	252	3160m	0.031	ng/ul	01/28/2021 JU
23) Benzo(a)pyrene	23.23	252	6934	0.086	ng/ul#	75
24) Indeno(1,2,3-cd)pyrene	25.47	276	6096	0.057	ng/ul#	100
26) Benzo(g,h,i)perylene	26.13	276	12481	0.132	ng/ul	97

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