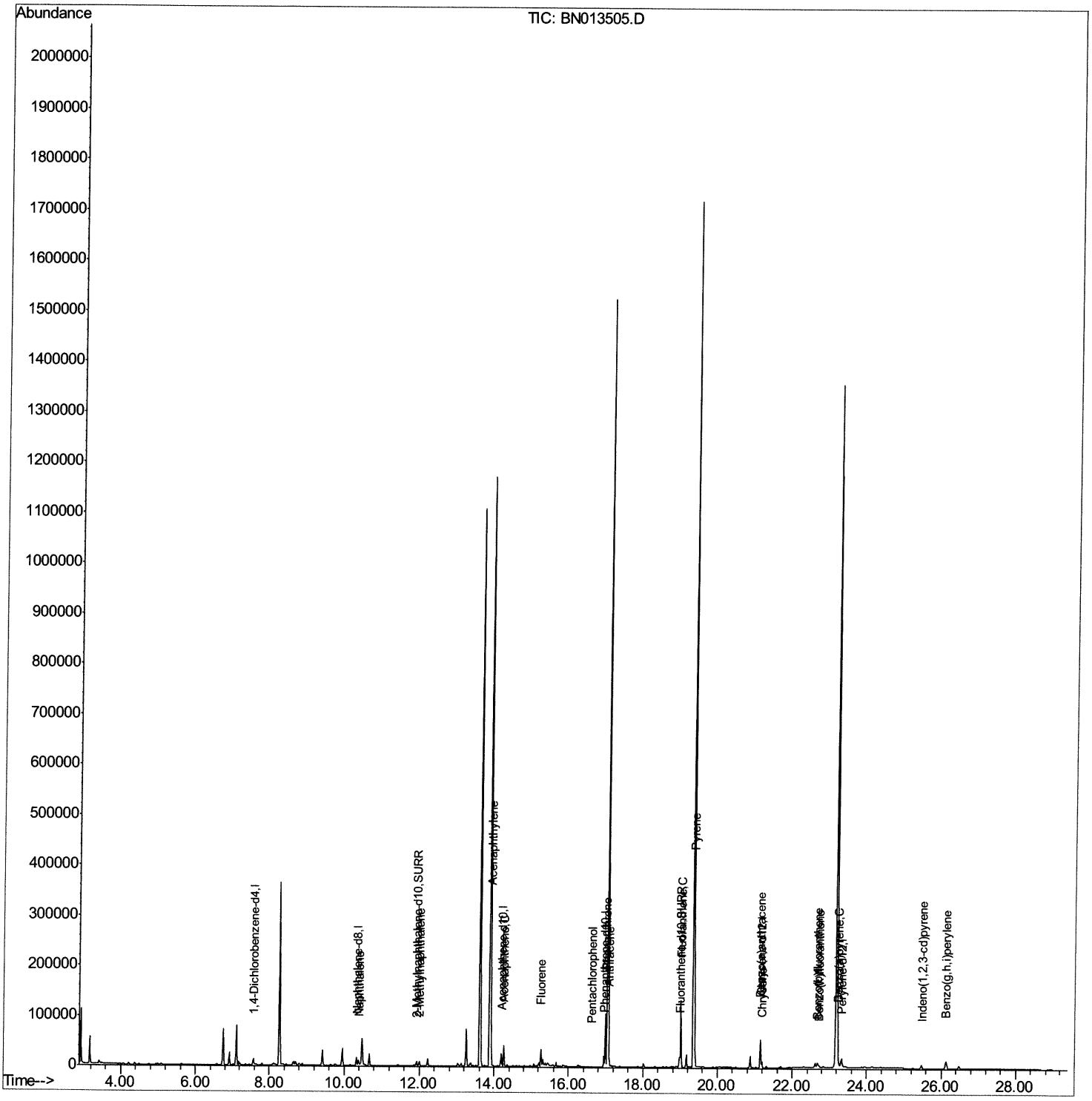
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN012721\
Data File : BN013505.D
Acq On : 27 Jan 2021 13:34
Operator : CG/JU
Sample : M1099-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 27 14:06:24 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 :
F1C12

Manual Integrations APPROVED
mohammad
1/28/2021 11:44:10 AM



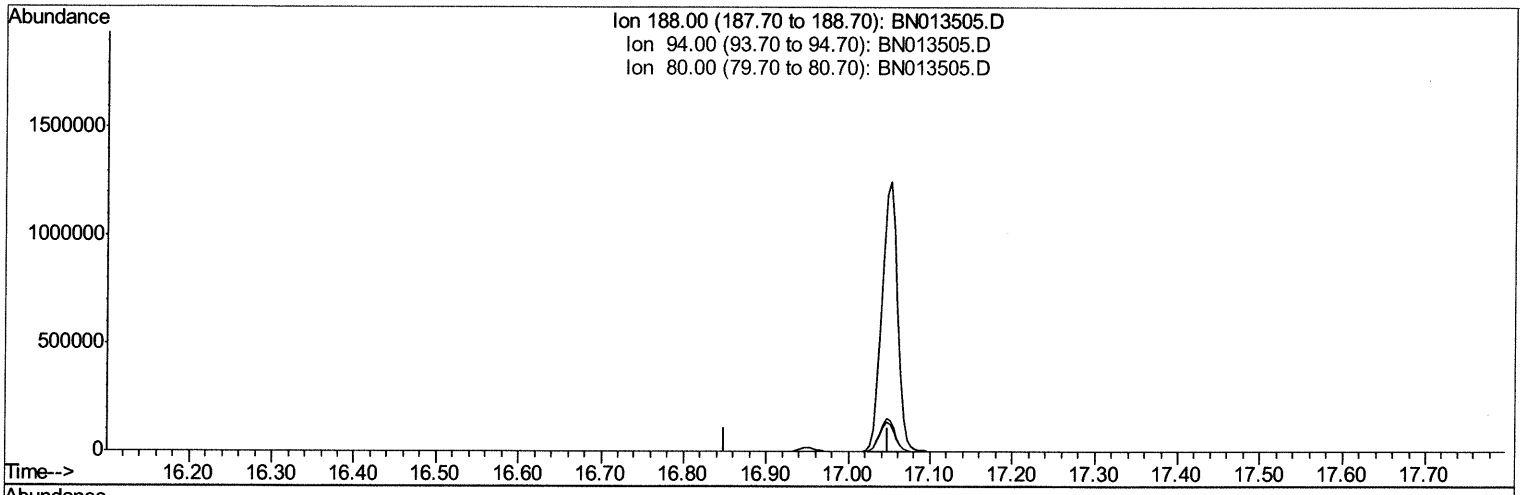
Quantitation Report (Qedit)

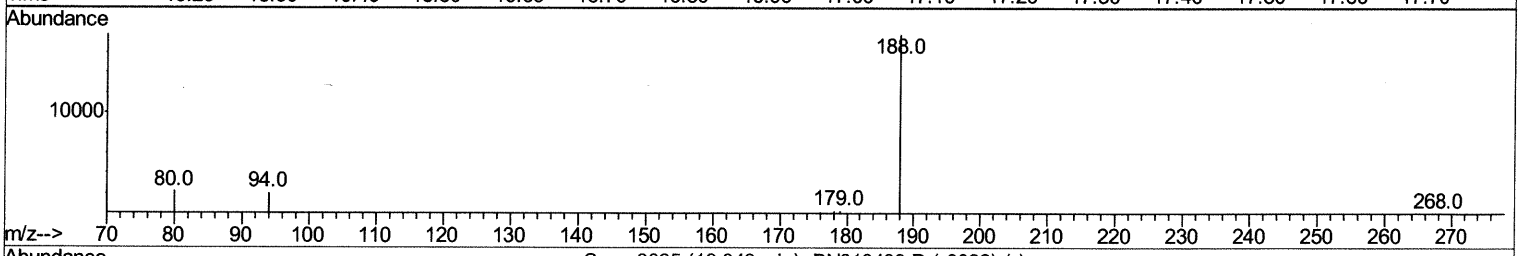
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN012721\
Data File : BN013505.D
Acq On : 27 Jan 2021 13:34
Operator : CG/JU
Sample : M1099-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

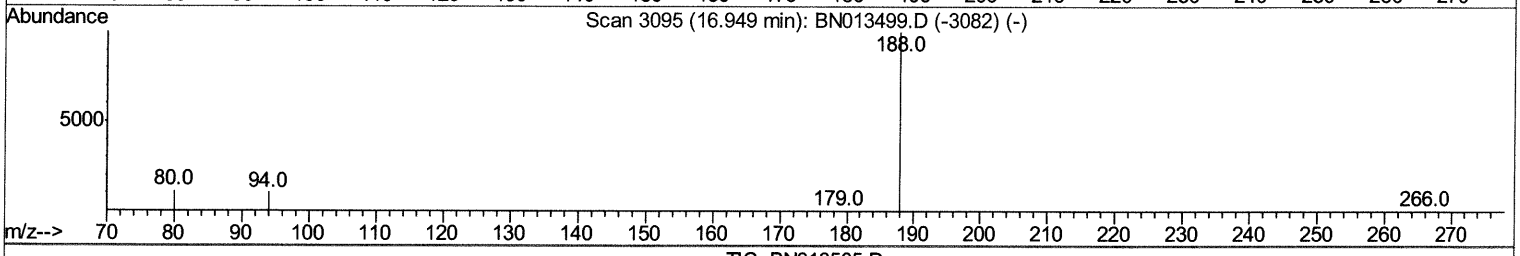
Quant Time: Jan 27 14:04:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 27 11:55:49 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F1C12

Manual Integrations APPROVED
mohammad
1/28/2021 11:44:10 AM







TIC: BN013505.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\
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Acq On : 27 Jan 2021 13:34
Operator : CG/JU
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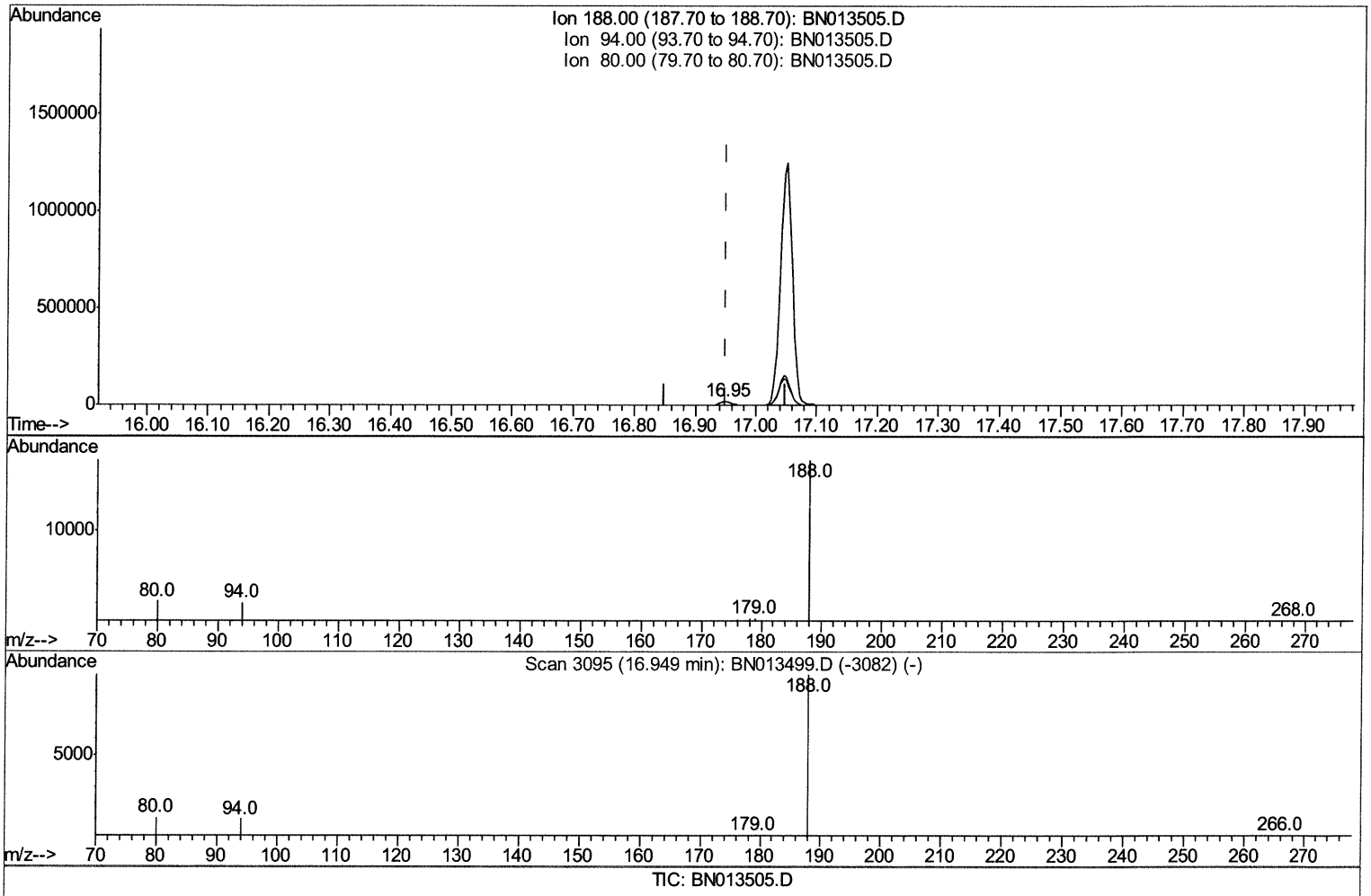
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 27 14:04:31 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 :
F1C12

Manual Integrations APPROVED
mohammad
1/28/2021 11:44:10 AM



TIC: BN013505.D

(10) Phenanthrene-d10 (I)

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

response 25109

Ion	Exp%	Act%
188.00	100	100
94.00	10.80	11.31
80.00	11.50	12.30
0.00	0.00	0.00

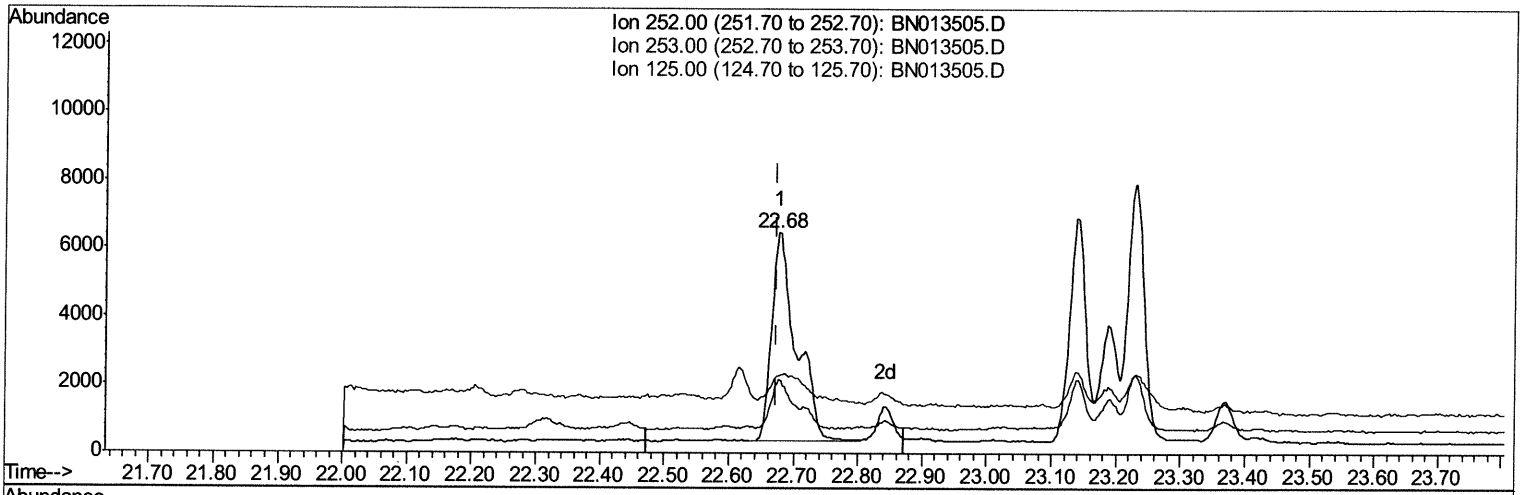
Quantitation Report (Qedit)

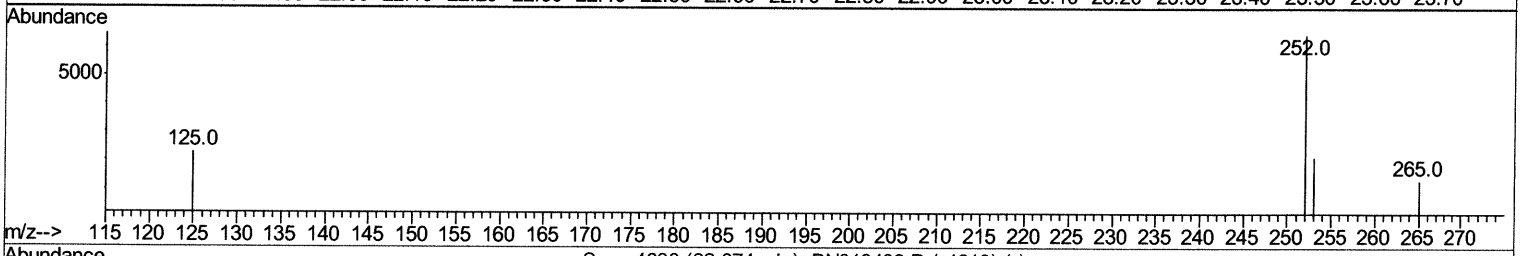
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN012721\
Data File : BN013505.D
Acq On : 27 Jan 2021 13:34
Operator : CG/JU
Sample : M1099-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

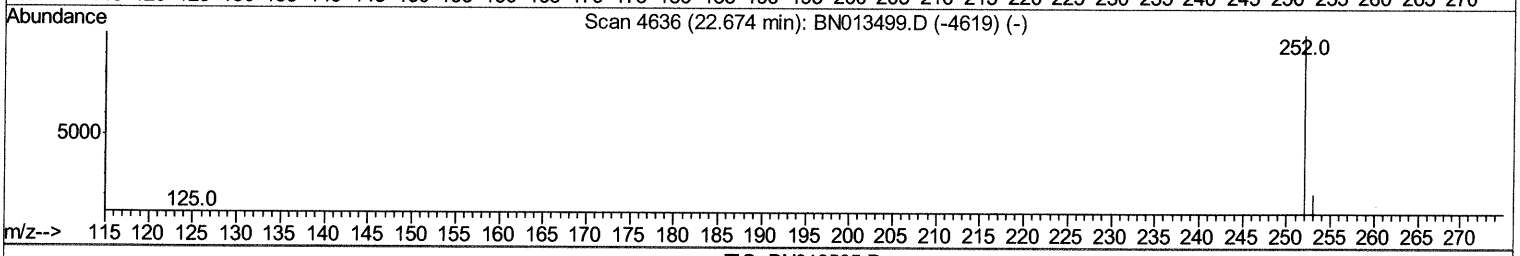
Quant Time: Jan 27 14:05:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 27 11:55:49 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F1C12

Manual Integrations APPROVED
mohammad
1/28/2021 11:44:10 AM







TIC: BN013505.D

(21) Benzo(b)fluoranthene

22.676min (+0.003) 0.17ng/ul

response 16474

Ion	Exp%	Act%
252.00	100	100
253.00	23.70	33.53
125.00	13.40	35.36#
0.00	0.00	0.00

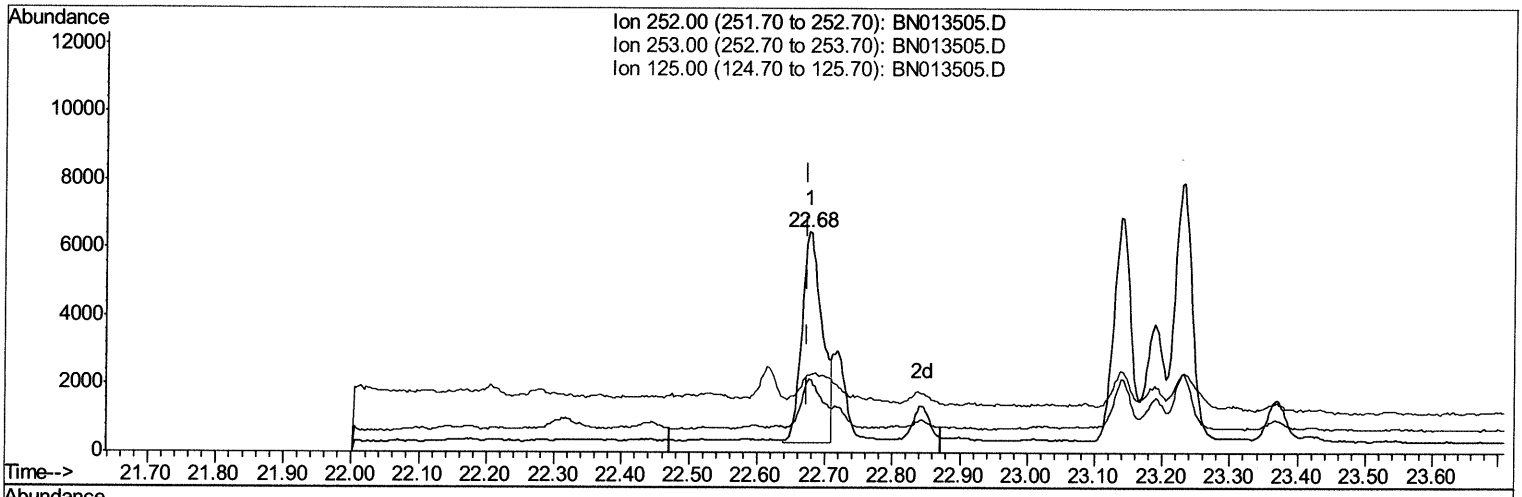
Quantitation Report (Qedit)

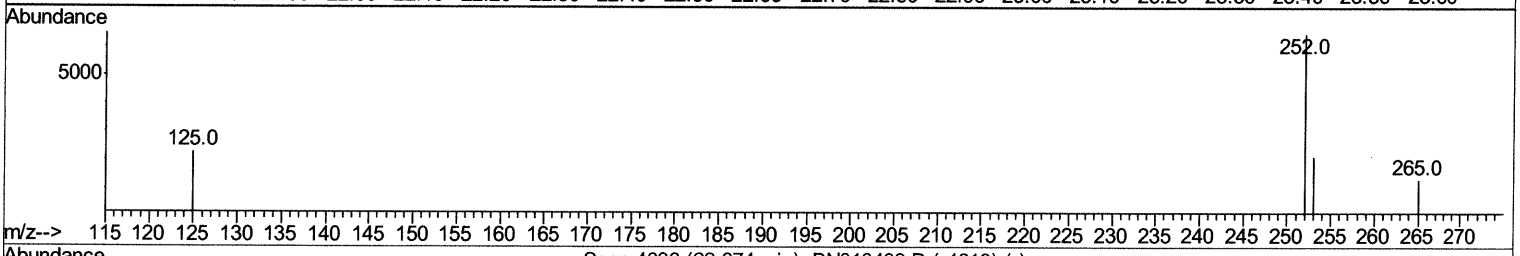
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN012721\
Data File : BN013505.D
Acq On : 27 Jan 2021 13:34
Operator : CG/JU
Sample : M1099-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

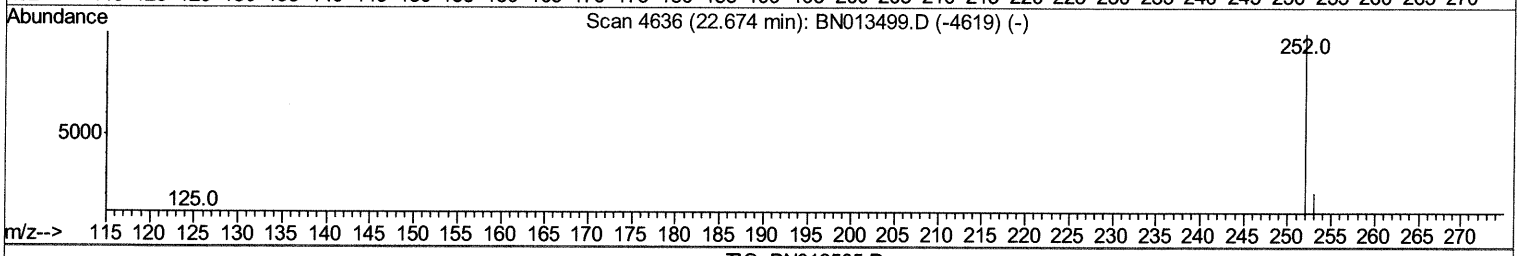
Quant Time: Jan 27 14:05:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 27 11:55:49 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F1C12

Manual Integrations APPROVED
mohammad
1/28/2021 11:44:10 AM







TIC: BN013505.D

(21) Benzo(b)fluoranthene

22.676min (+0.003) 0.14ng/ul m 01/28/21 JD

response 13015

Ion	Exp%	Act%
252.00	100	100
253.00	23.70	33.53
125.00	13.40	35.36#
0.00	0.00	0.00

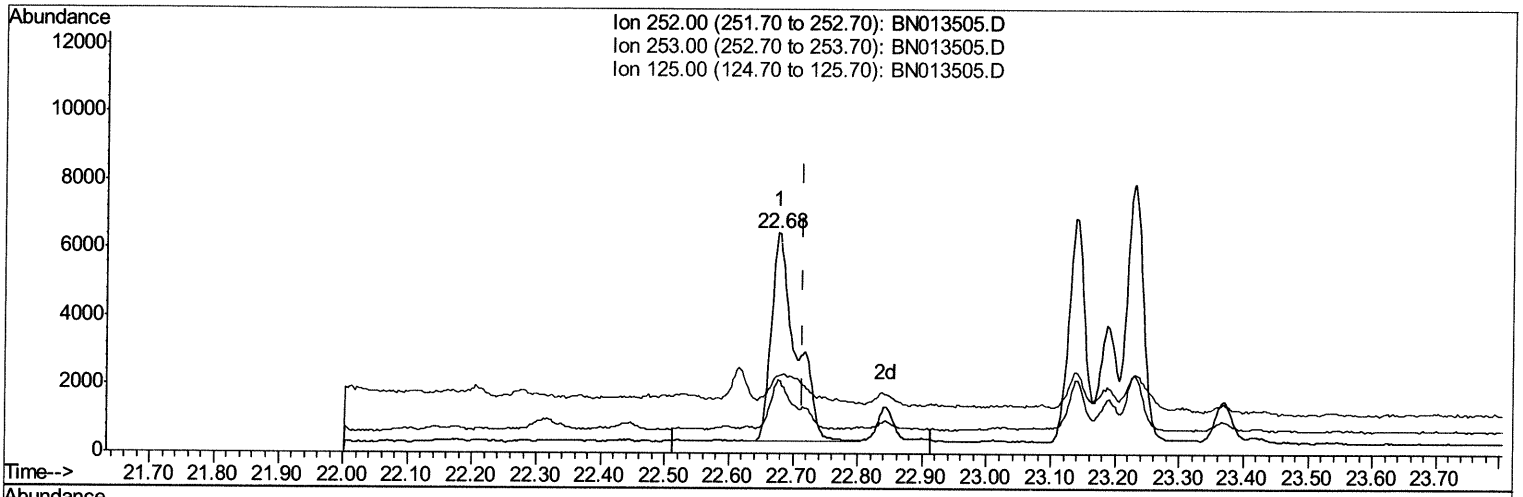
Quantitation Report (Qedit)

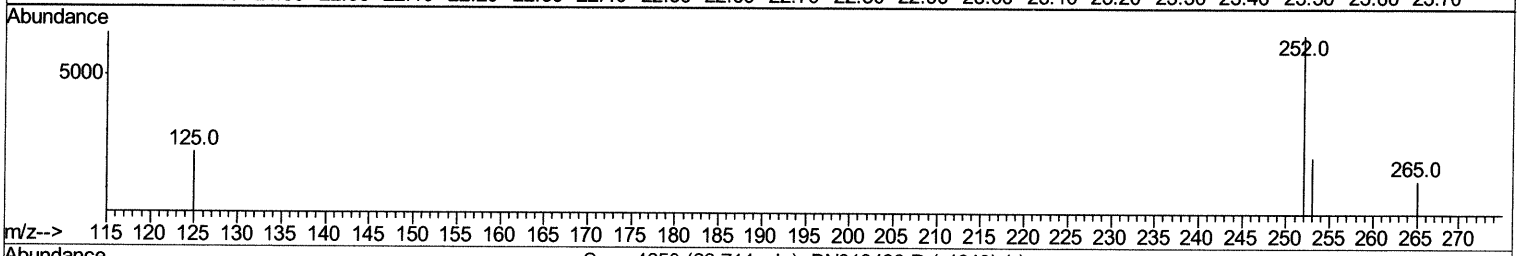
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN012721\
Data File : BN013505.D
Acq On : 27 Jan 2021 13:34
Operator : CG/JU
Sample : M1099-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

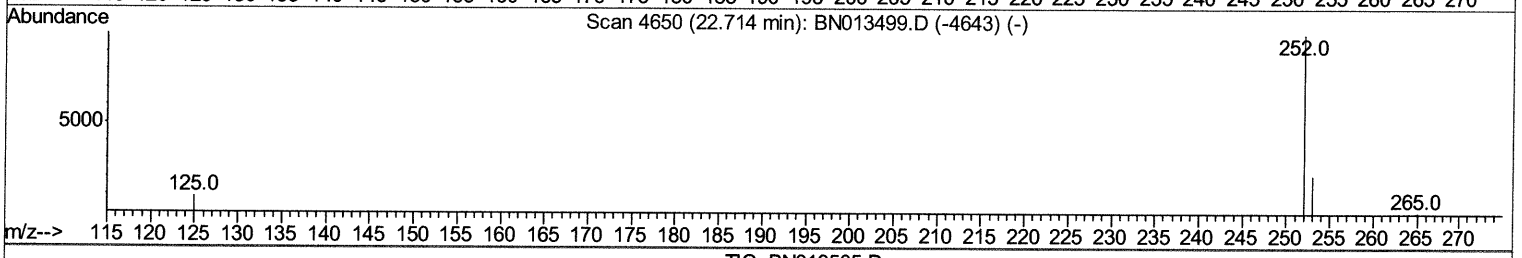
Quant Time: Jan 27 14:05:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 27 11:55:49 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F1C12

Manual Integrations APPROVED
mohammad
1/28/2021 11:44:10 AM







TIC: BN013505.D

(22) Benzo(k)fluoranthene

22.676min (-0.038) 0.16ng/ul

response 16474

Ion	Exp%	Act%
252.00	100	100
253.00	24.00	33.53#
125.00	14.30	35.36#
0.00	0.00	0.00

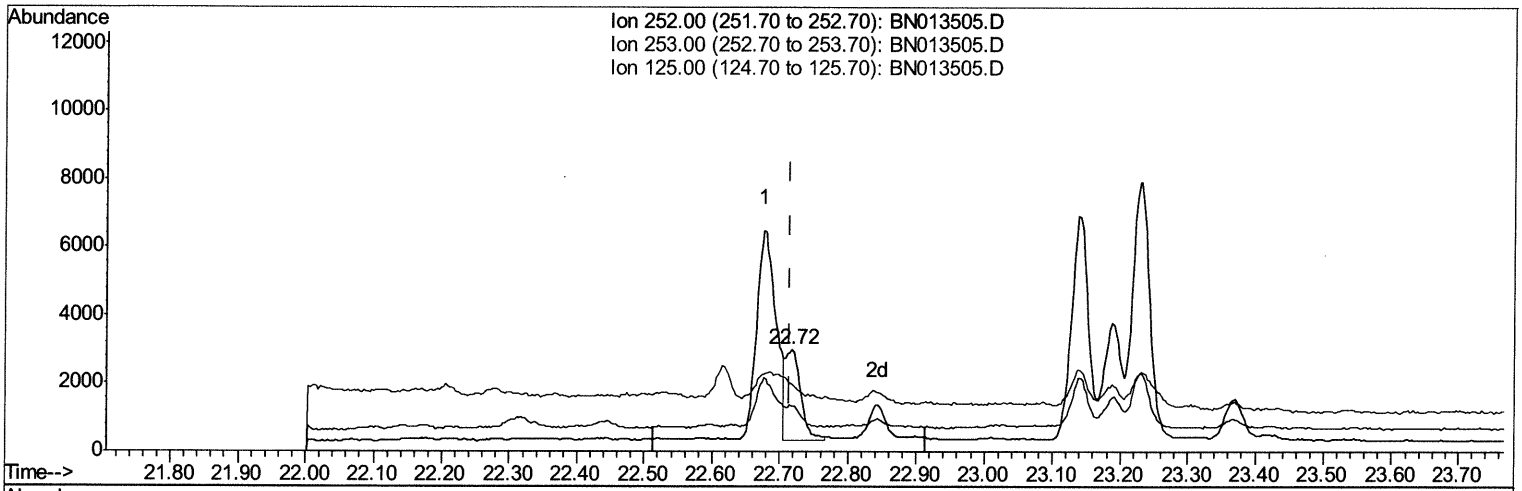
Quantitation Report (Qedit)

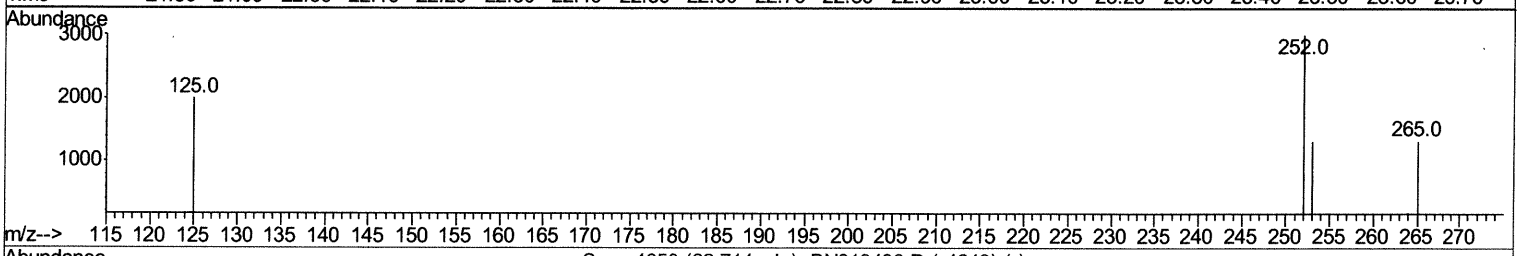
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN012721\
Data File : BN013505.D
Acq On : 27 Jan 2021 13:34
Operator : CG/JU
Sample : M1099-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

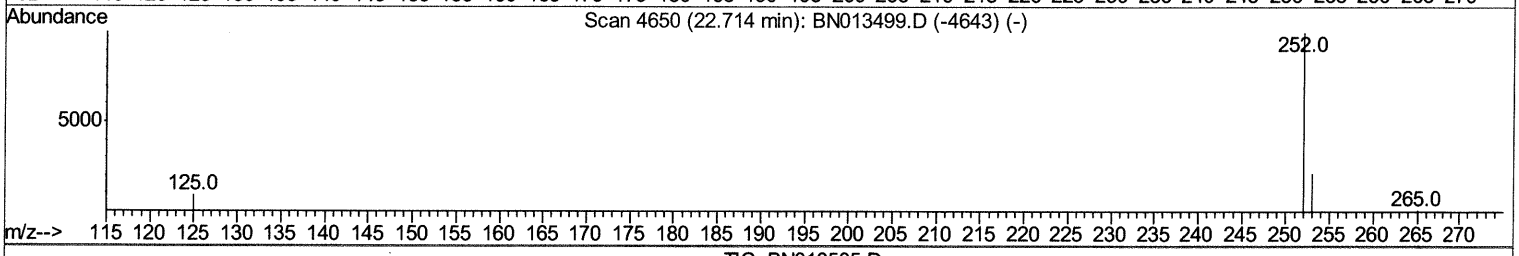
Quant Time: Jan 27 14:05:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 27 11:55:49 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F1C12

Manual Integrations APPROVED
mohammad
1/28/2021 11:44:10 AM







TIC: BN013505.D

(22) Benzo(k)fluoranthene

22.717min (+0.003) 0.04ng/ul m 01/29/21 JU

response 4095

Ion	Exp%	Act%
252.00	100	100
253.00	24.00	43.79#
125.00	14.30	66.26#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN012721\
Data File : BN013505.D
Acq On : 27 Jan 2021 13:34
Operator : CG/JU
Sample : M1099-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F1C12

Manual Integrations APPROVED
mohammad
1/28/2021 11:44:10 AM

Quant Time: Jan 27 14:06:24 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	5322	0.40	ng/ul	0.00
2) Naphthalene-d8	10.33	136	20585	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.20	164	12285	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.95	188	25109m >	0.40	ng/ul >	0.00 01/28/21 JU
16) Chrysene-d12	21.15	240	23262	0.40	ng/ul	0.00
20) Perylene-d12	23.32	264	22440	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.92	152	10544	0.34	ng/ul	0.00
14) Fluoranthene-d10	18.99	212	22923	0.34	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.38	128	20985	0.352	ng/ul	98
5) 2-Methylnaphthalene	12.00	142	6955	0.184	ng/ul	99
7) Acenaphthylene	13.92	152	65746	1.299	ng/ul	100
8) Acenaphthene	14.26	153	23194	0.515	ng/ul	99
9) Fluorene	15.25	166	27442	0.551	ng/ul	98
11) Pentachlorophenol	16.60	266	76	0.021	ng/ul	93
12) Phenanthrene	16.99	178	111090	1.351	ng/ul	99
13) Anthracene	17.08	178	21185	0.314	ng/ul	98
15) Fluoranthene	19.01	202	108873	1.212	ng/ul	99
17) Pyrene	19.38	202	213400	2.241	ng/ul	99
18) Benzo(a)anthracene	21.14	228	10001	0.130	ng/ul#	1
19) Chrysene	21.19	228	13331	0.139	ng/ul#	89
21) Benzo(b)fluoranthene	22.68	252	13015m }	0.138	ng/ul }	01/28/21 JU
22) Benzo(k)fluoranthene	22.72	252	4095m }	0.041	ng/ul }	
23) Benzo(a)pyrene	23.23	252	13235	0.166	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	25.48	276	11228	0.106	ng/ul#	100
26) Benzo(g,h,i)perylene	26.13	276	30358	0.323	ng/ul	99

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