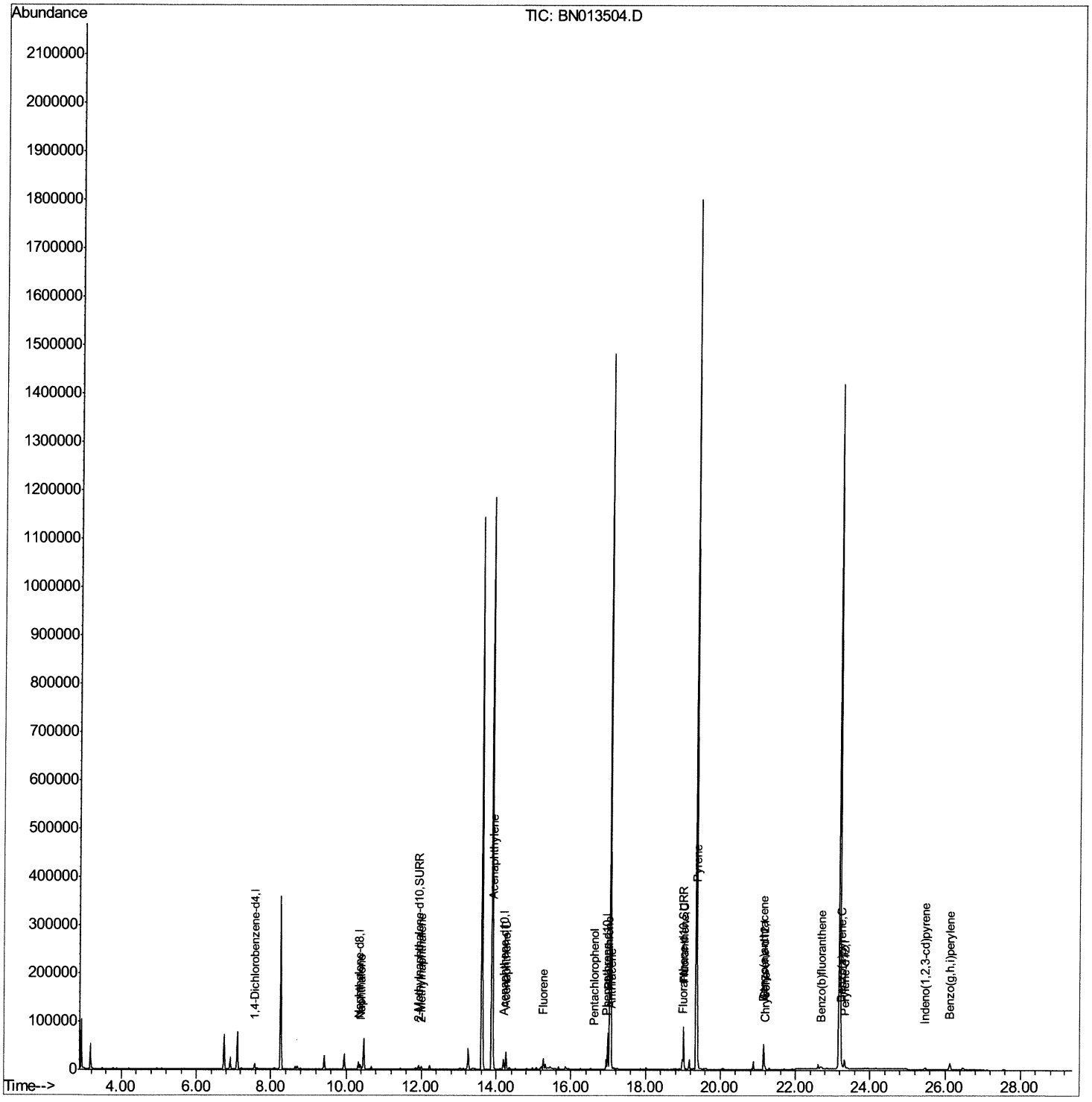
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN012721\
Data File : BN013504.D
Acq On : 27 Jan 2021 12:59
Operator : CG/JU
Sample : M1099-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 27 13:37:30 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 :
F1C09

Manual Integrations APPROVED
mohammad
1/28/2021 11:44:03 AM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN012721\
Data File : BN013504.D
Acq On : 27 Jan 2021 12:59
Operator : CG/JU
Sample : M1099-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 27 13:35:00 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

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ClientSampleId :
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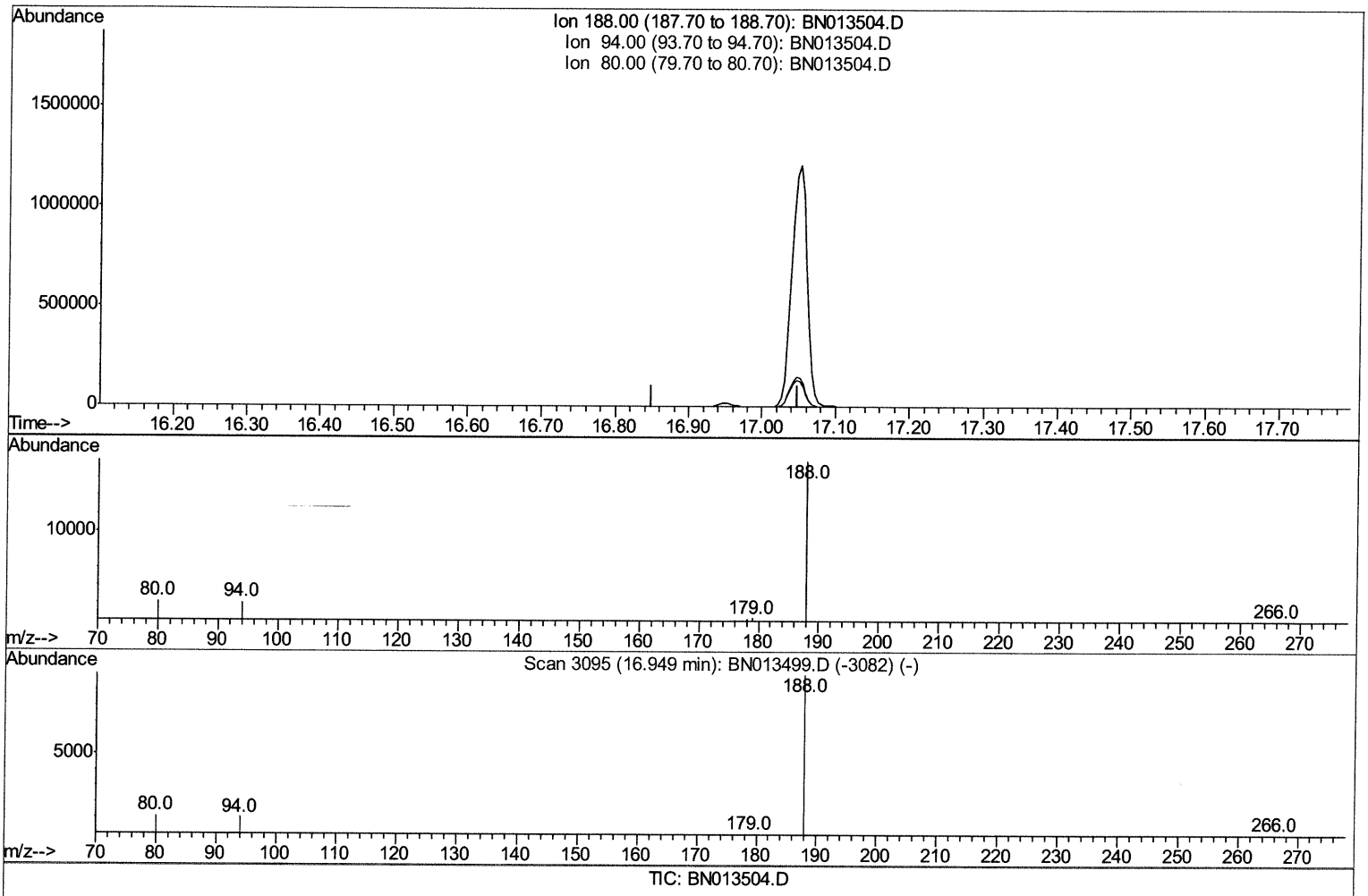
Manual Integrations APPROVED
mohammad
1/28/2021 11:44:03 AM



TIC: BN013504.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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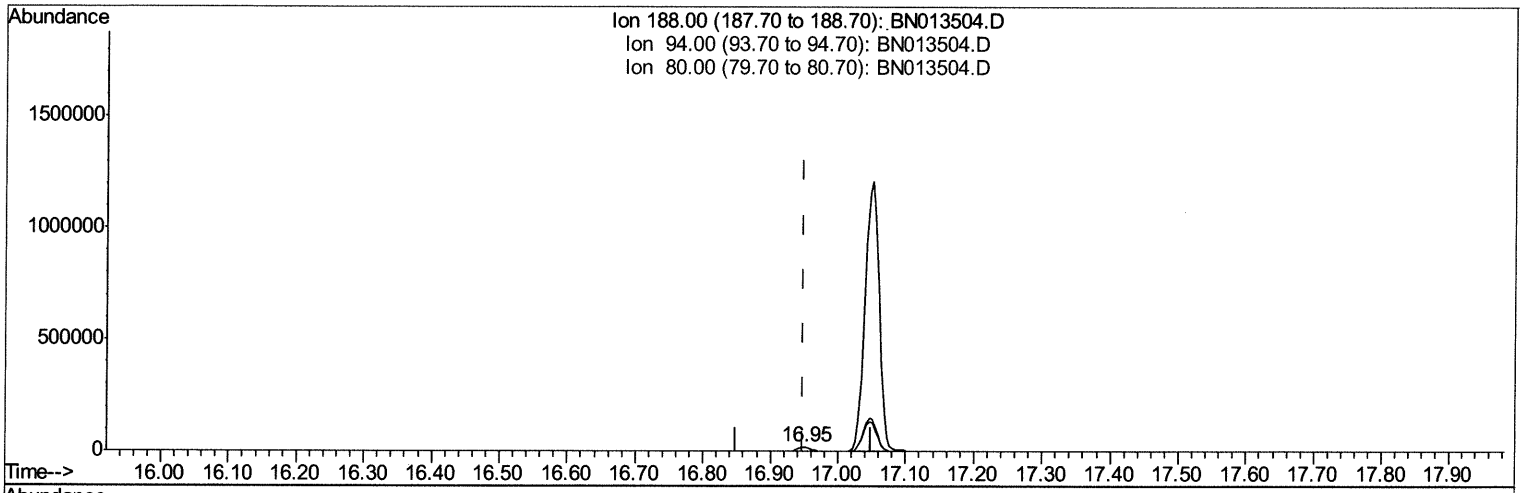
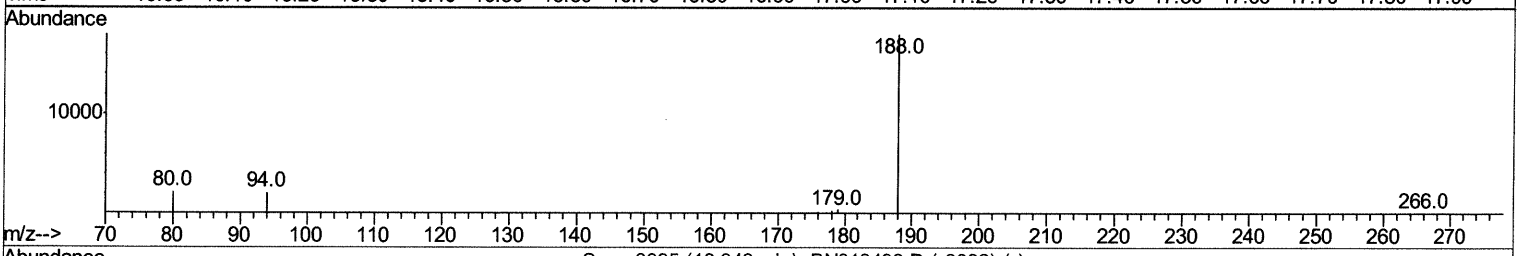
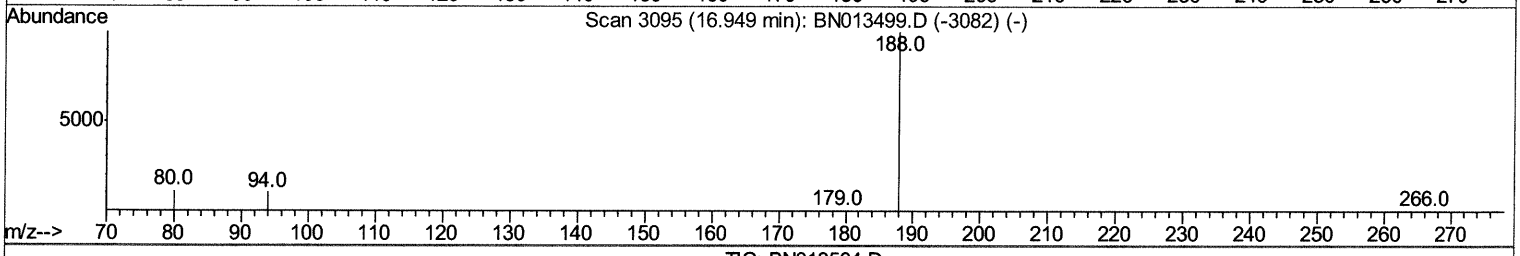
Manual Integrations APPROVED
mohammad
1/28/2021 11:44:03 AM







TIC: BN013504.D

(10) Phenanthrene-d10 (I)

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

response 24365

Ion	Exp%	Act%
188.00	100	100
94.00	10.80	11.26
80.00	11.50	12.04
0.00	0.00	0.00

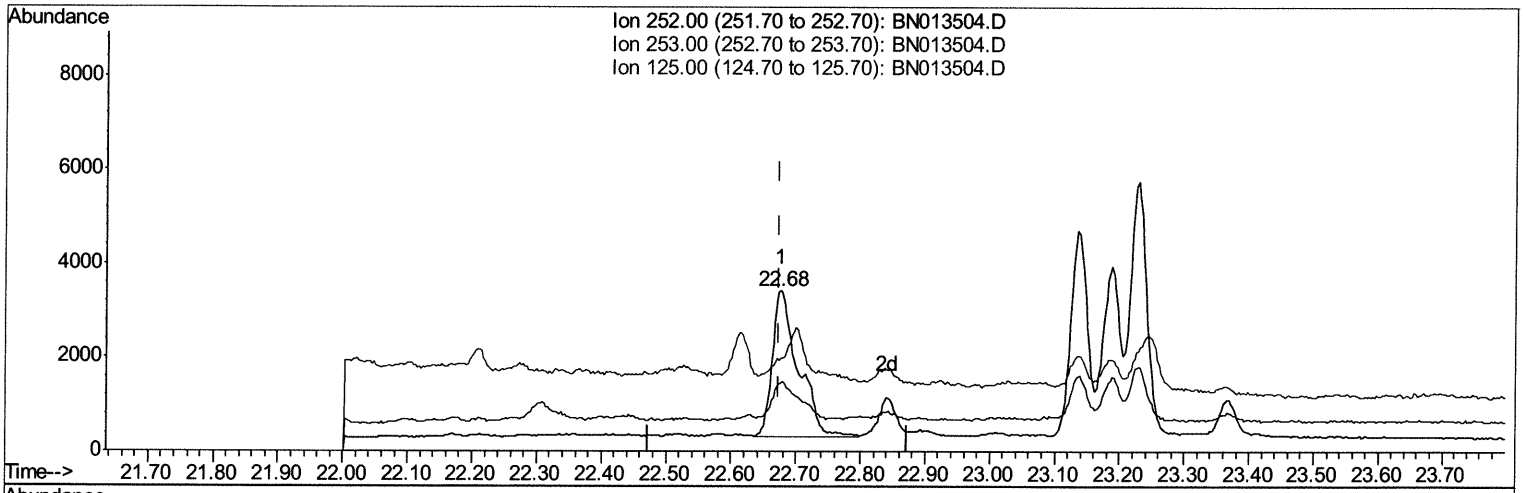
Quantitation Report (Qedit)

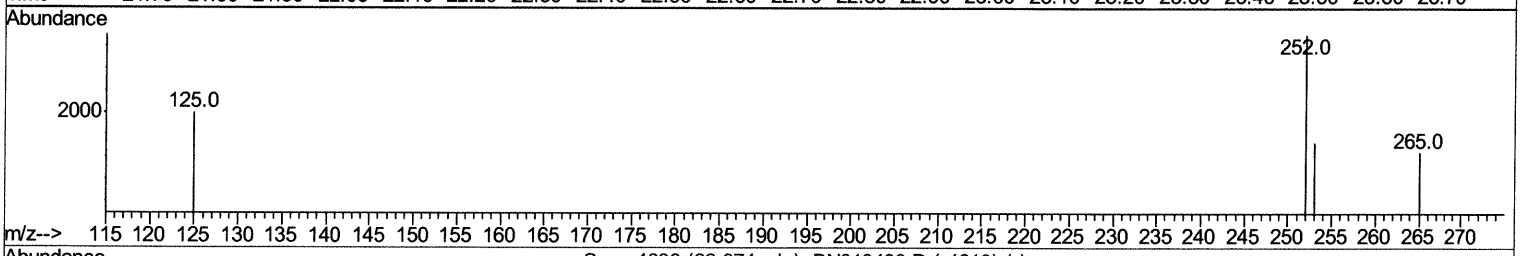
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN012721\
Data File : BN013504.D
Acq On : 27 Jan 2021 12:59
Operator : CG/JU
Sample : M1099-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

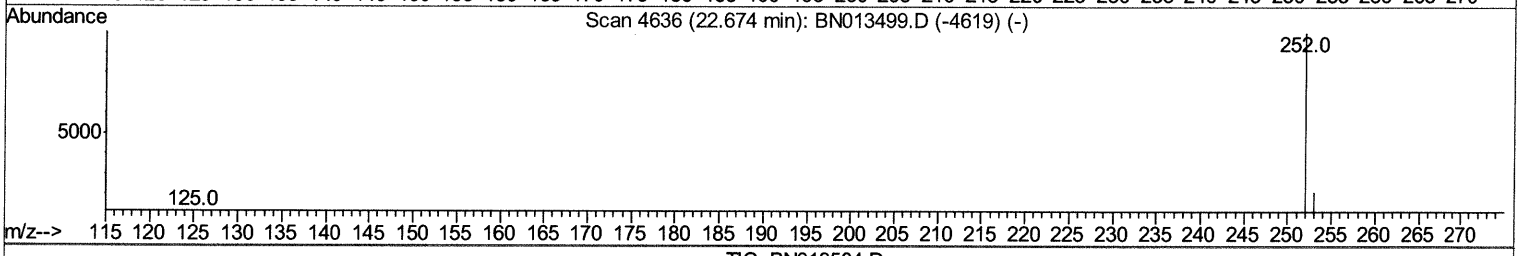
Quant Time: Jan 27 13:36:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 27 11:55:49 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F1C09

Manual Integrations APPROVED
mohammad
1/28/2021 11:44:03 AM







TIC: BN013504.D

(21) Benzo(b)fluoranthene

22.677min (+0.003) 0.09ng/ul

response 8553

Ion	Exp%	Act%
252.00	100	100
253.00	23.70	43.02
125.00	13.40	58.12#
0.00	0.00	0.00

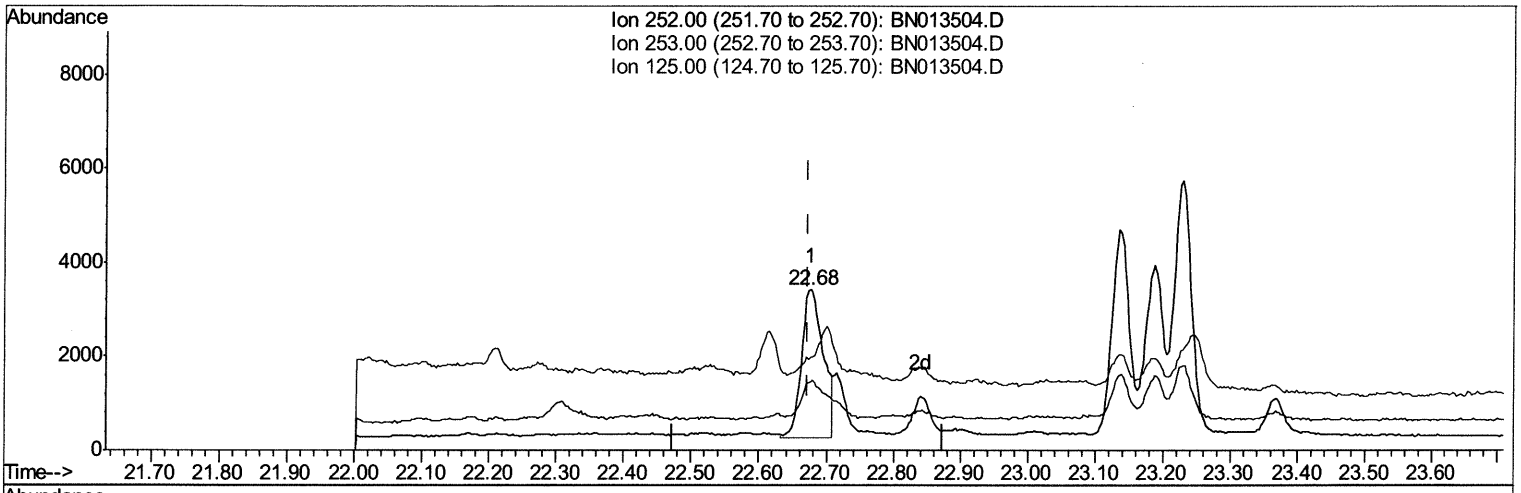
Quantitation Report (Qedit)

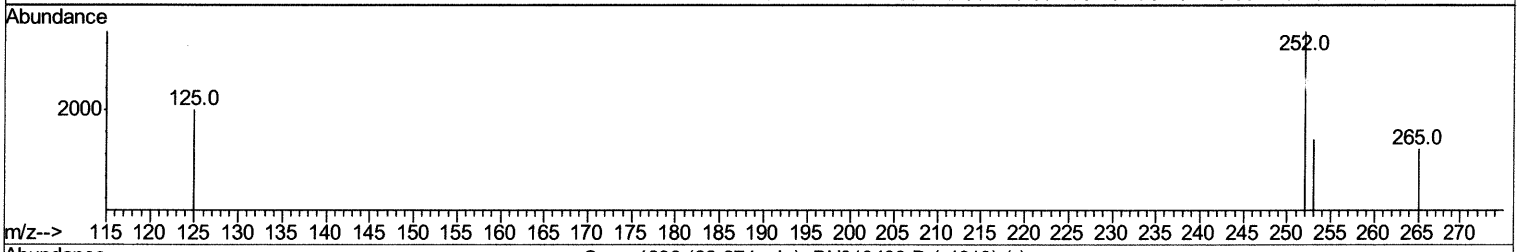
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN012721\
Data File : BN013504.D
Acq On : 27 Jan 2021 12:59
Operator : CG/JU
Sample : M1099-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

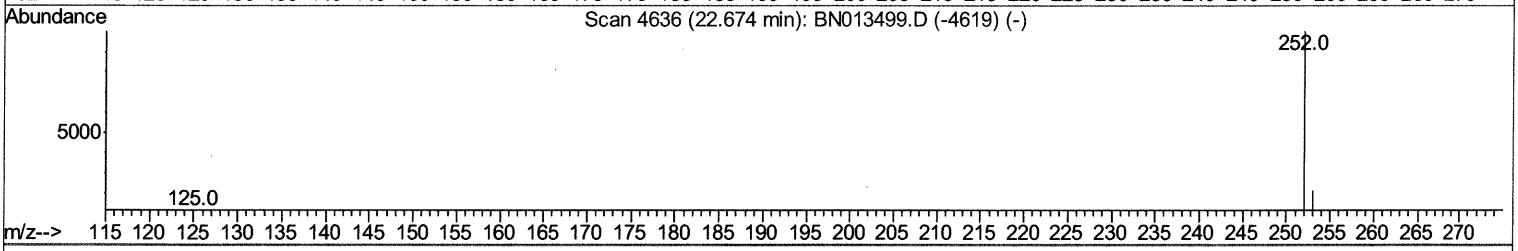
Quant Time: Jan 27 13:36:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 27 11:55:49 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F1C09

Manual Integrations APPROVED
mohammad
1/28/2021 11:44:03 AM







TIC: BN013504.D

(21) Benzo(b)fluoranthene

22.677min (+0.003) 0.08ng/ul m 01/28/21 JU

response 7174

Ion	Exp%	Act%
252.00	100	100
253.00	23.70	43.02
125.00	13.40	58.12#
0.00	0.00	0.00

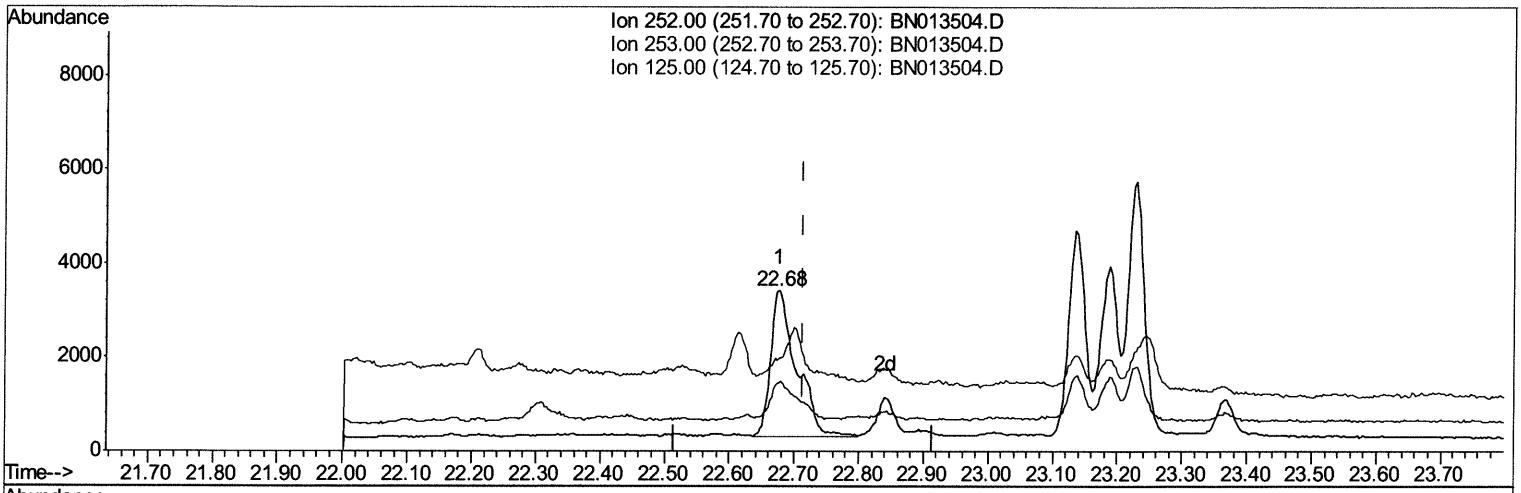
Quantitation Report (Qedit)

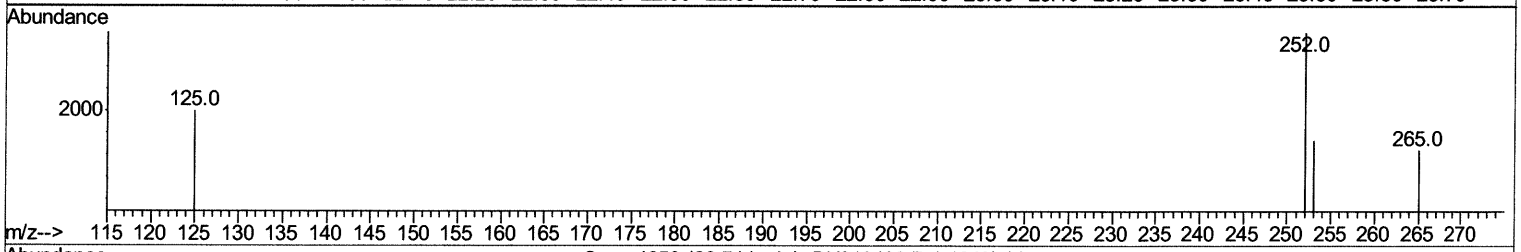
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN012721\
Data File : BN013504.D
Acq On : 27 Jan 2021 12:59
Operator : CG/JU
Sample : M1099-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

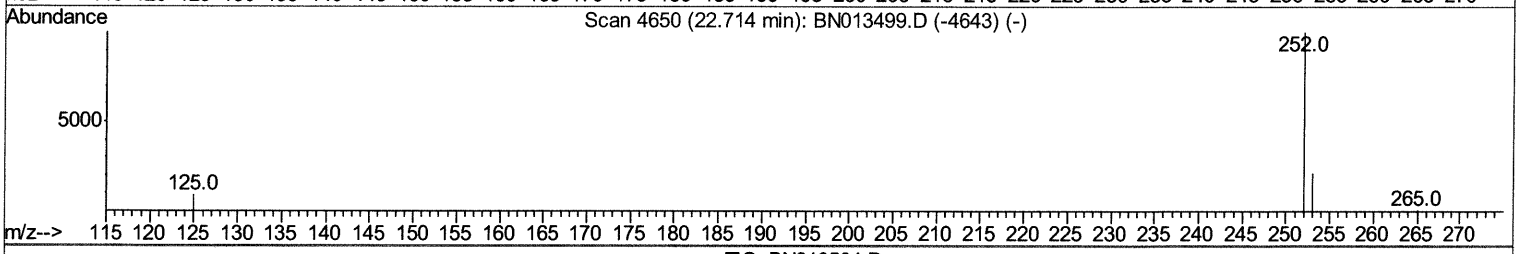
Quant Time: Jan 27 13:36:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 27 11:55:49 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F1C09

Manual Integrations APPROVED
mohammad
1/28/2021 11:44:03 AM







TIC: BN013504.D

(22) Benzo(k)fluoranthene

22.677min (-0.038) 0.09ng/ul

response 8553

Ion	Exp%	Act%
252.00	100	100
253.00	24.00	43.02#
125.00	14.30	58.12#
0.00	0.00	0.00

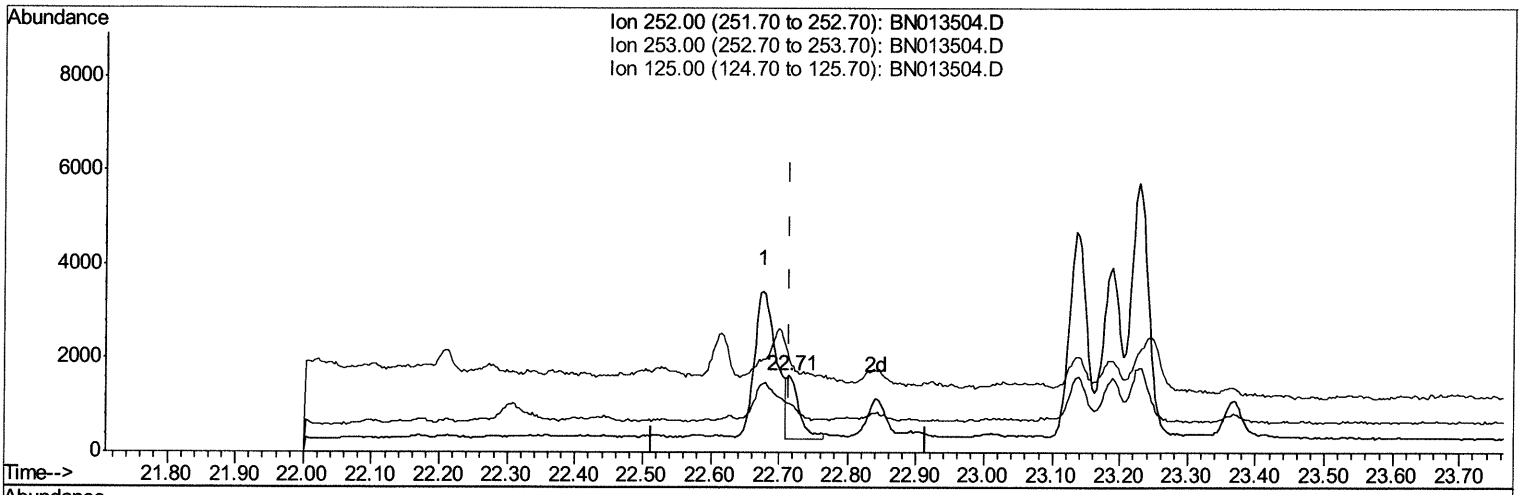
Quantitation Report (Qedit)

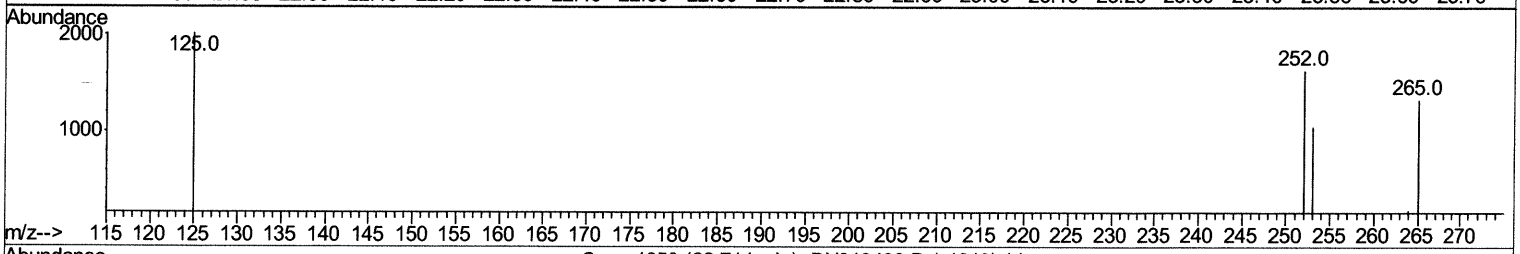
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN012721\
Data File : BN013504.D
Acq On : 27 Jan 2021 12:59
Operator : CG/JU
Sample : M1099-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

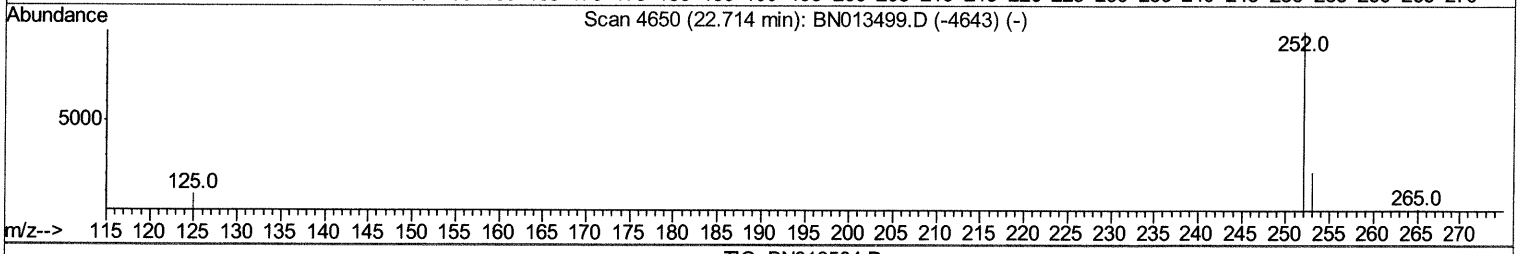
Quant Time: Jan 27 13:36:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 27 11:55:49 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F1C09

Manual Integrations APPROVED
mohammad
1/28/2021 11:44:03 AM







TIC: BN013504.D

(22) Benzo(k)fluoranthene

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

response 1755

Ion	Exp%	Act%
252.00	100	100
253.00	24.00	63.72#
125.00	14.30	122.87#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN012721\
Data File : BN013504.D
Acq On : 27 Jan 2021 12:59
Operator : CG/JU
Sample : M1099-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F1C09

Manual Integrations APPROVED
mohammad
1/28/2021 11:44:03 AM

Quant Time: Jan 27 13:37:30 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	5039	0.40	ng/ul	0.00
2) Naphthalene-d8	10.33	136	19269	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.20	164	11621	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.95	188	24365m >	0.40	ng/ul >	0.00
16) Chrysene-d12	21.15	240	23015	0.40	ng/ul	0.00
20) Perylene-d12	23.32	264	22358	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.92	152	10328	0.36	ng/ul	0.00
14) Fluoranthene-d10	18.99	212	24226	0.38	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.38	128	14964	0.268	ng/ul	99
5) 2-Methylnaphthalene	12.00	142	3970	0.112	ng/ul	99
7) Acenaphthylene	13.92	152	46887	0.979	ng/ul	100
8) Acenaphthene	14.26	153	20466	0.480	ng/ul	99
9) Fluorene	15.26	166	14922	0.317	ng/ul	98
11) Pentachlorophenol	16.60	266	139	0.039	ng/ul	97
12) Phenanthrene	16.99	178	78300	0.982	ng/ul	99
13) Anthracene	17.08	178	14401	0.220	ng/ul	97
15) Fluoranthene	19.01	202	70854	0.813	ng/ul	98
17) Pyrene	19.38	202	151450	1.608	ng/ul	99
18) Benzo(a)anthracene	21.14	228	6494	0.085	ng/ul#	1
19) Chrysene	21.19	228	7130	0.075	ng/ul#	79
21) Benzo(b)fluoranthene	22.68	252	7174m >	0.076	ng/ul >	
23) Benzo(a)pyrene	23.23	252	9552	0.120	ng/ul#	73
24) Indeno(1,2,3-cd)pyrene	25.47	276	8326	0.079	ng/ul#	100
26) Benzo(g,h,i)perylene	26.13	276	25806	0.276	ng/ul	98

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