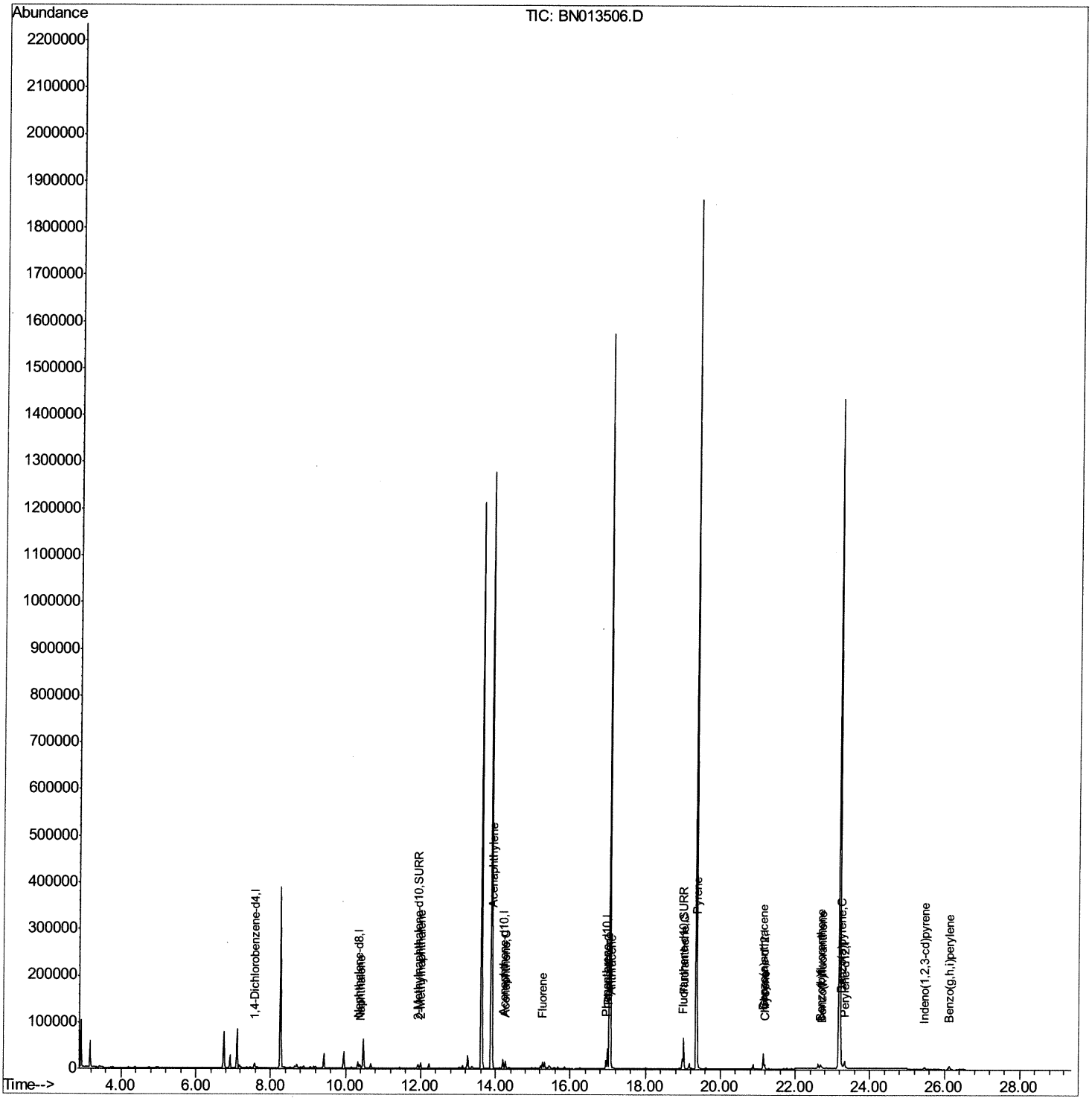
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN012721\
Data File : BN013506.D
Acq On : 27 Jan 2021 14:10
Operator : CG/JU
Sample : M1099-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 27 14:41:06 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 :
F1C16

Manual Integrations APPROVED
mohammad
1/28/2021 11:44:06 AM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN012721\
Data File : BN013506.D
Acq On : 27 Jan 2021 14:10
Operator : CG/JU
Sample : M1099-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 27 14:39:18 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 :
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ClientSampleId :
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Manual Integrations APPROVED
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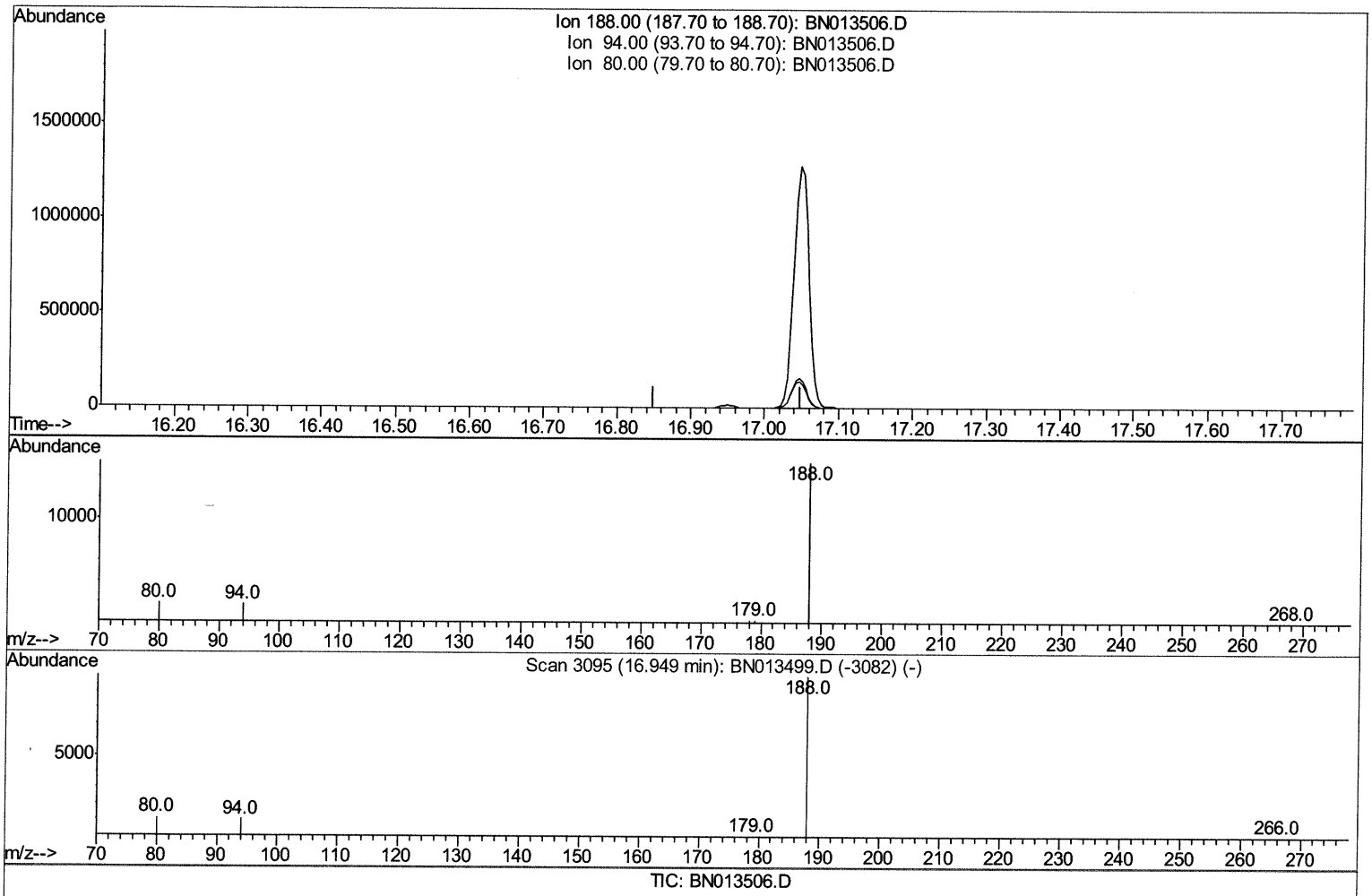

TIC: BN013506.D

(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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ClientSampleId :
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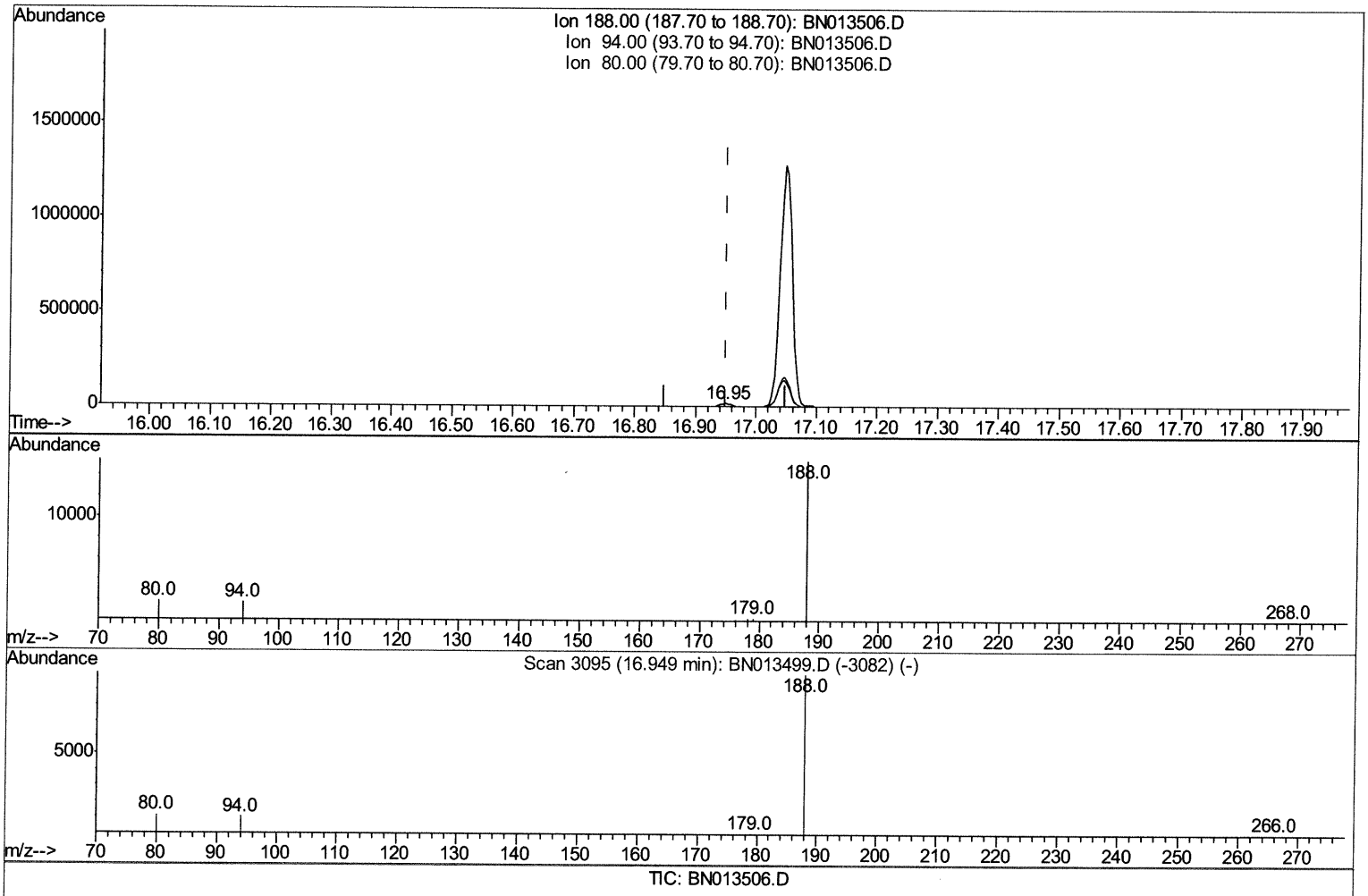
Manual Integrations APPROVED
mohammad
1/28/2021 11:44:06 AM



(10) Phenanthrene-d10 (I)

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

response 20926

Ion	Exp%	Act%
188.00	100	100
94.00	10.80	11.10
80.00	11.50	11.79
0.00	0.00	0.00

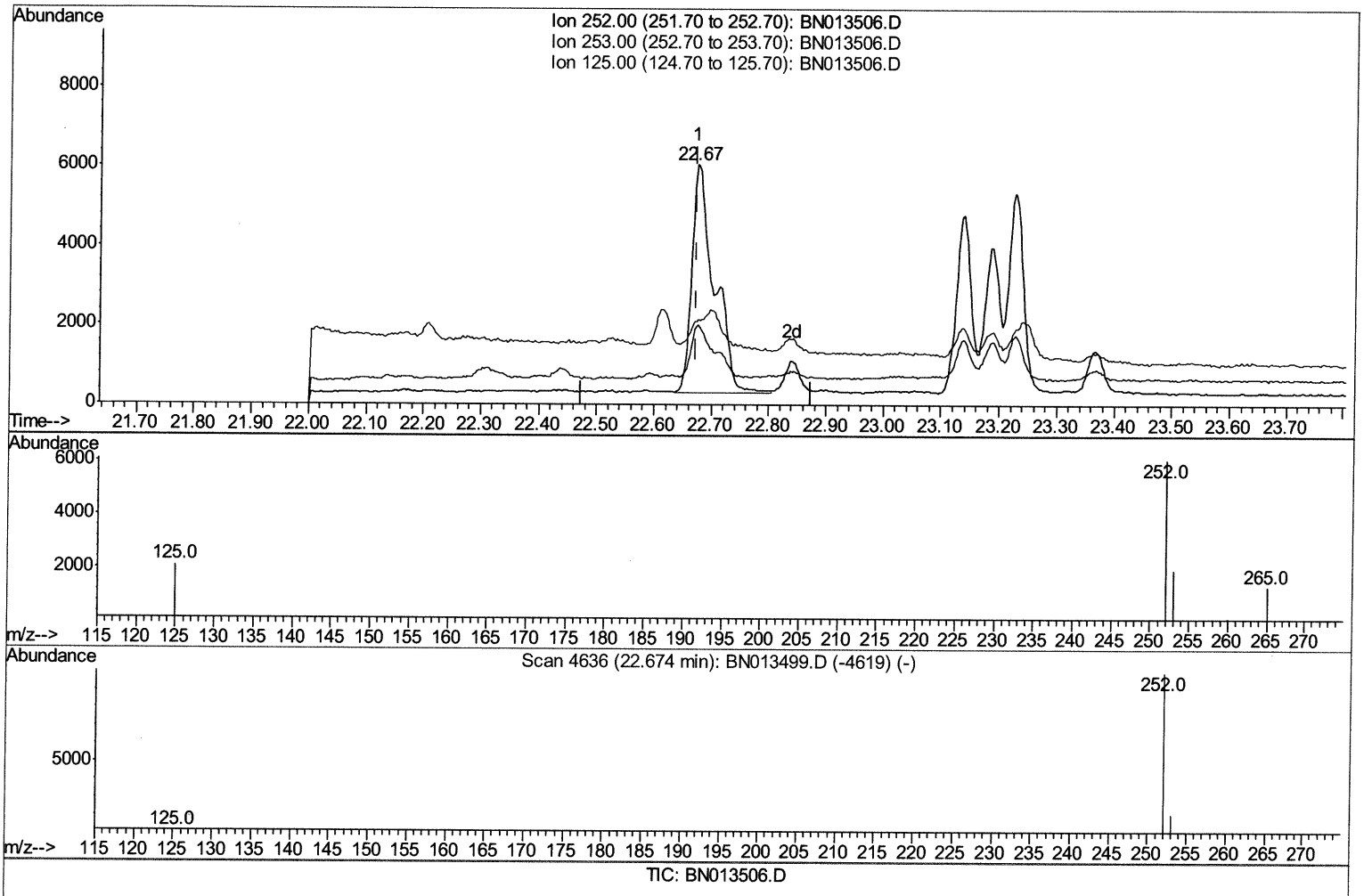
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN012721\
Data File : BN013506.D
Acq On : 27 Jan 2021 14:10
Operator : CG/JU
Sample : M1099-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 27 14:39:56 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 :
F1C16

Manual Integrations APPROVED
mohammad
1/28/2021 11:44:06 AM



TIC: BN013506.D

(21) Benzo(b)fluoranthene

22.674min (+0.000) 0.20ng/ul

response 15603

Ion	Exp%	Act%
252.00	100	100
253.00	23.70	32.76
125.00	13.40	34.64#
0.00	0.00	0.00

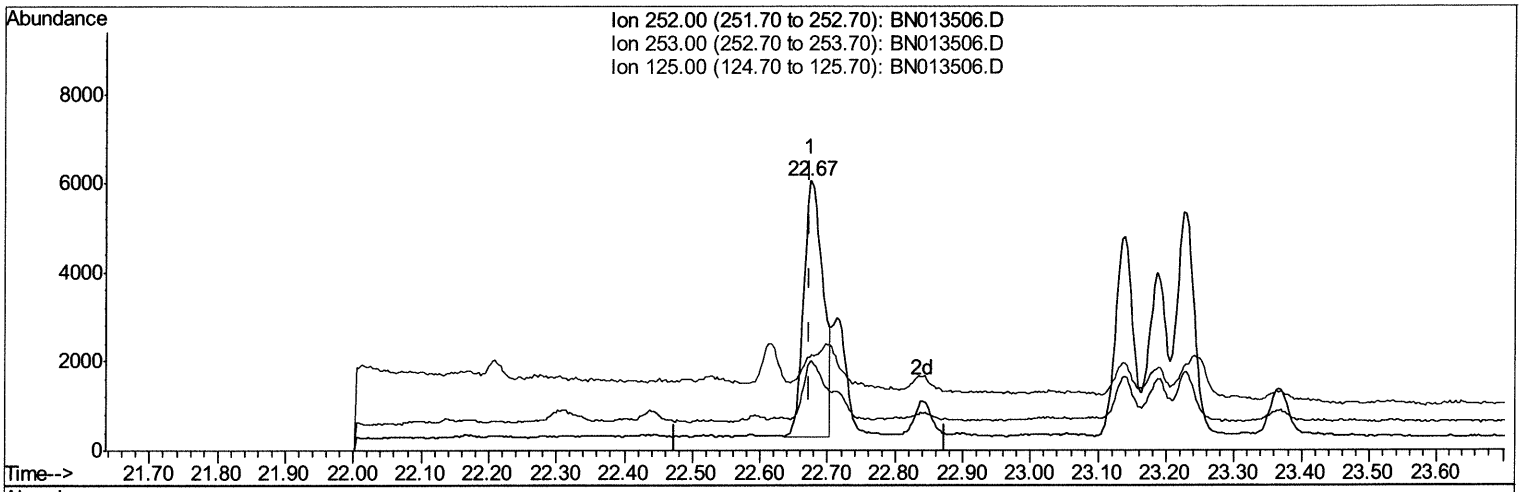
Quantitation Report (Qedit)

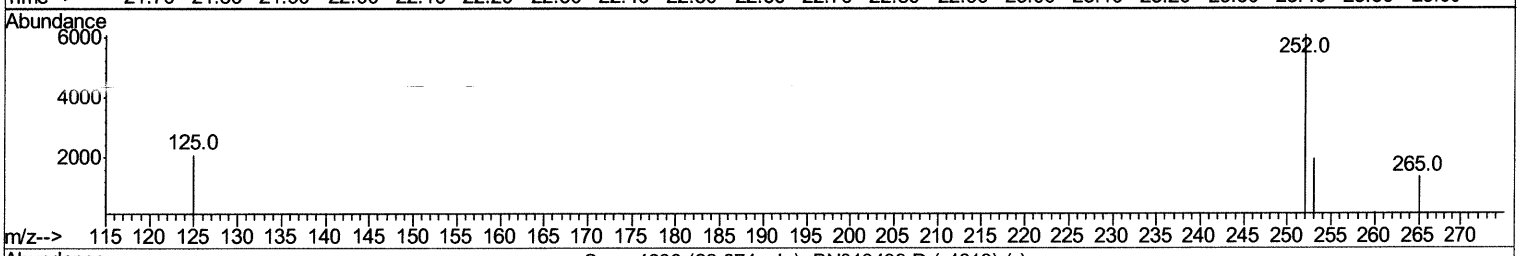
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN012721\
Data File : BN013506.D
Acq On : 27 Jan 2021 14:10
Operator : CG/JU
Sample : M1099-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

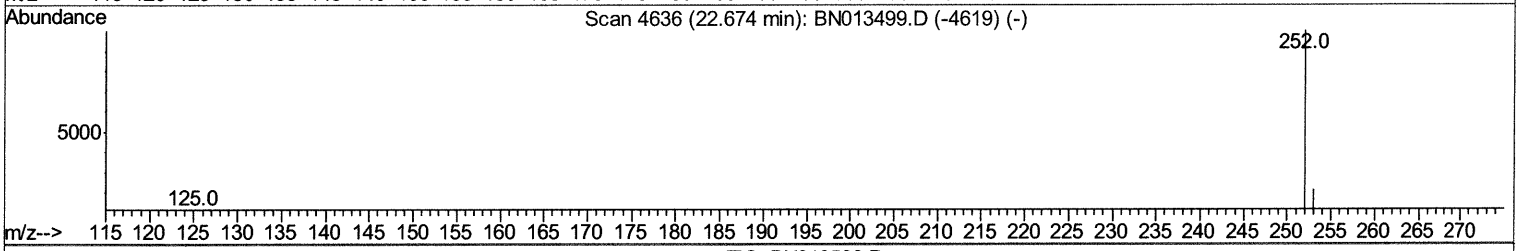
Quant Time: Jan 27 14:39:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 27 11:55:49 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F1C16

Manual Integrations APPROVED
mohammad
1/28/2021 11:44:06 AM







TIC: BN013506.D

(21) Benzo(b)fluoranthene

22.674min (+0.000) 0.15ng/ul m 01/28/2021

response 11507

Ion	Exp%	Act%
252.00	100	100
253.00	23.70	32.76
125.00	13.40	34.64#
0.00	0.00	0.00

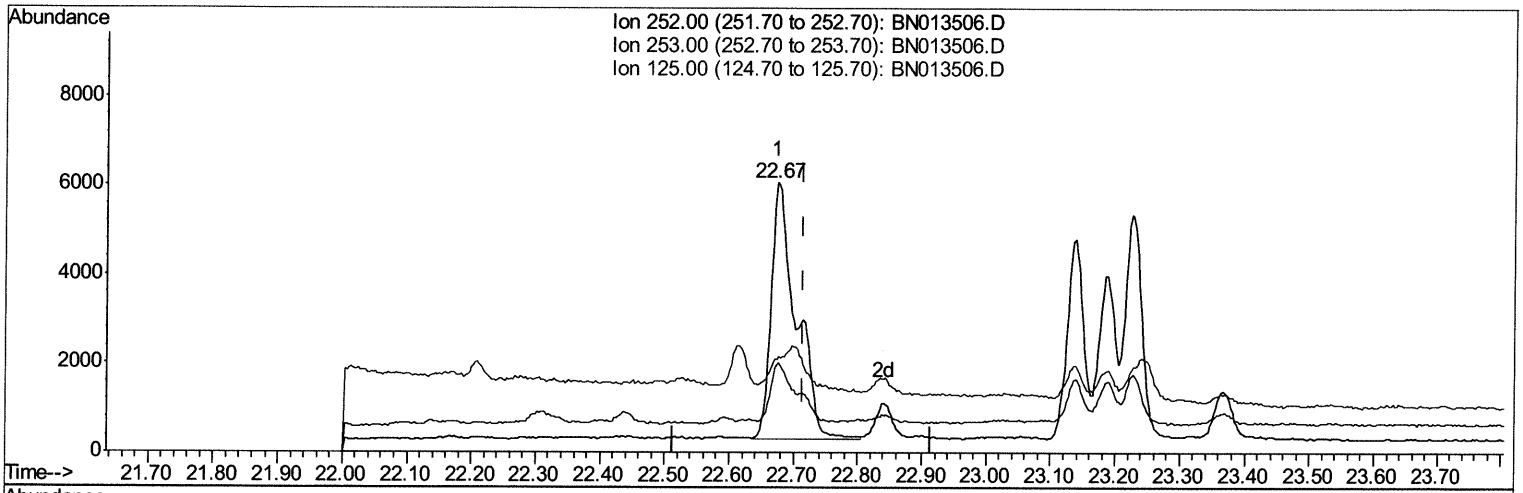
Quantitation Report (Qedit)

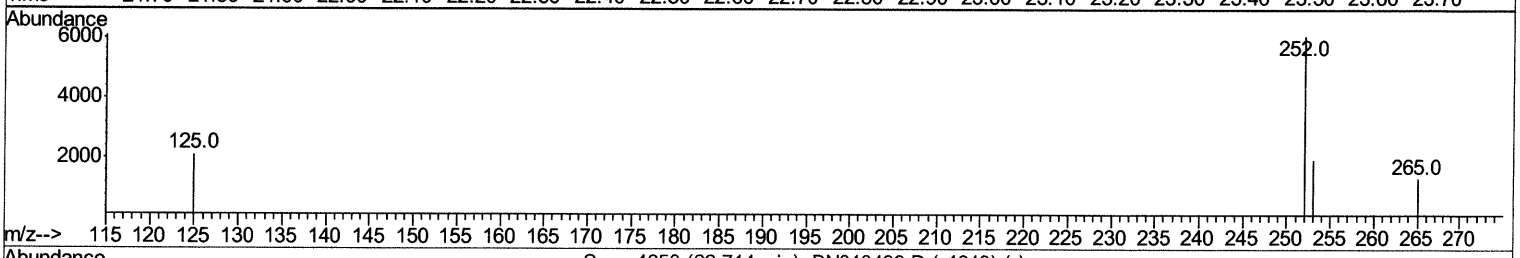
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN012721\
Data File : BN013506.D
Acq On : 27 Jan 2021 14:10
Operator : CG/JU
Sample : M1099-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

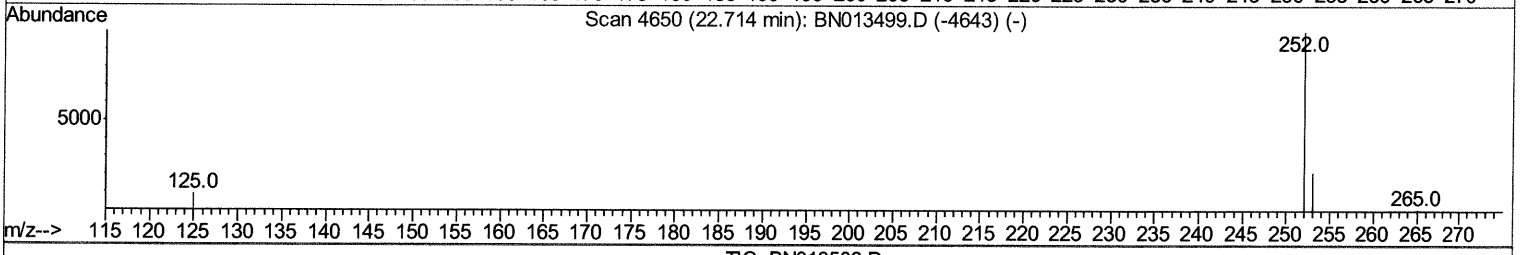
Quant Time: Jan 27 14:39:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 27 11:55:49 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F1C16

Manual Integrations APPROVED
mohammad
1/28/2021 11:44:06 AM







TIC: BN013506.D

(22) Benzo(k)fluoranthene

22.674min (-0.041) 0.19ng/ul

response 15603

Ion	Exp%	Act%
252.00	100	100
253.00	24.00	32.76#
125.00	14.30	34.64#
0.00	0.00	0.00

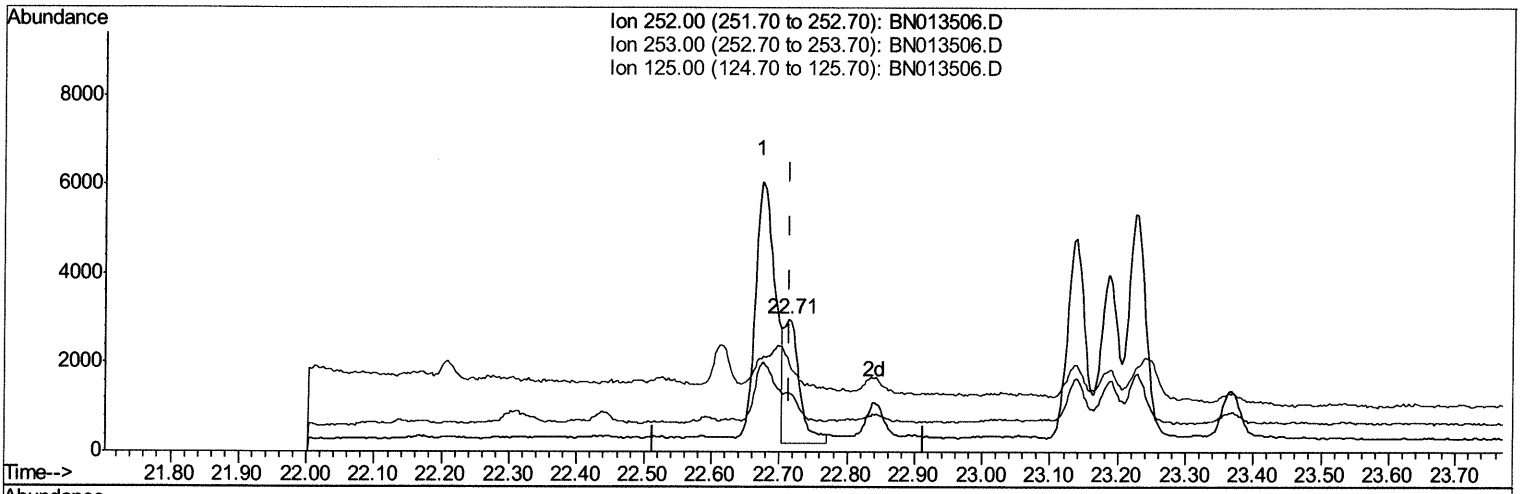
Quantitation Report (Qedit)

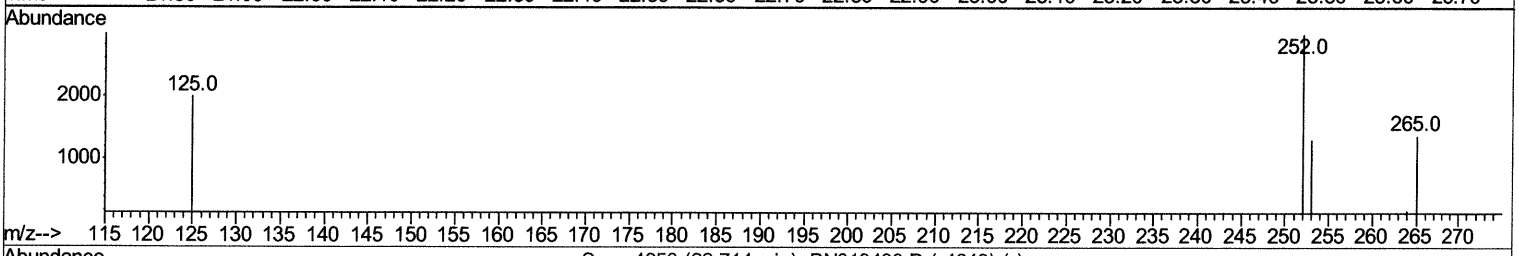
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN012721\
Data File : BN013506.D
Acq On : 27 Jan 2021 14:10
Operator : CG/JU
Sample : M1099-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

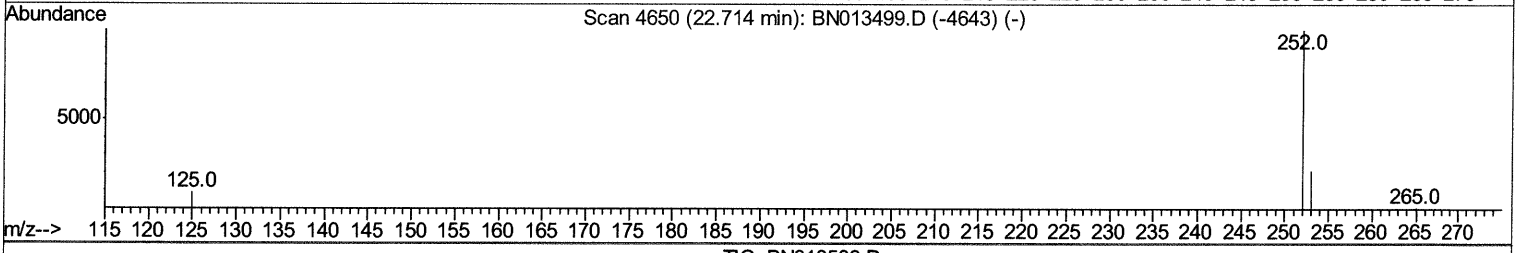
Quant Time: Jan 27 14:39:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 27 11:55:49 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F1C16

Manual Integrations APPROVED
mohammad
1/28/2021 11:44:06 AM







TIC: BN013506.D

(22) Benzo(k)fluoranthene

22.715min (+0.000) 0.06ng/ul m 01/28/21 JU

response 4572

Ion	Exp%	Act%
252.00	100	100
253.00	24.00	44.09#
125.00	14.30	66.81#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN012721\
Data File : BN013506.D
Acq On : 27 Jan 2021 14:10
Operator : CG/JU
Sample : M1099-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F1C16

Manual Integrations APPROVED
mohammad
1/28/2021 11:44:06 AM

Quant Time: Jan 27 14:41:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN012721.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	4379	0.40	ng/ul	0.00
2) Naphthalene-d8	10.33	136	16867	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.20	164	10235	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.95	188	20926m >	0.40	ng/ul >	0.00 01/28/21 JJ
16) Chrysene-d12	21.15	240	19348	0.40	ng/ul	0.00
20) Perylene-d12	23.32	264	18508	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.92	152	11367	0.45	ng/ul	0.00
14) Fluoranthene-d10	18.99	212	24323	0.44	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.38	128	13217	0.271	ng/ul	98
5) 2-Methylnaphthalene	12.00	142	8340	0.269	ng/ul	100
7) Acenaphthylene	13.92	152	28086	0.666	ng/ul	99
8) Acenaphthene	14.26	153	8839	0.235	ng/ul	99
9) Fluorene	15.25	166	9953	0.240	ng/ul#	98
12) Phenanthrene	16.99	178	44588	0.651	ng/ul	99
13) Anthracene	17.08	178	11700	0.208	ng/ul	97
15) Fluoranthene	19.01	202	54992	0.734	ng/ul	99
17) Pyrene	19.38	202	102327	1.292	ng/ul	99
18) Benzo(a)anthracene	21.14	228	7397	0.116	ng/ul#	1
19) Chrysene	21.19	228	10310	0.129	ng/ul#	91
21) Benzo(b)fluoranthene	22.67	252	11507m J	0.148	ng/ul J	
22) Benzo(k)fluoranthene	22.71	252	4572m J	0.055	ng/ul J	01/29/21 JU
23) Benzo(a)pyrene	23.23	252	8810	0.134	ng/ul#	74
24) Indeno(1,2,3-cd)pyrene	25.47	276	7509	0.086	ng/ul#	100
26) Benzo(g,h,i)perylene	26.13	276	13909	0.179	ng/ul	97

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