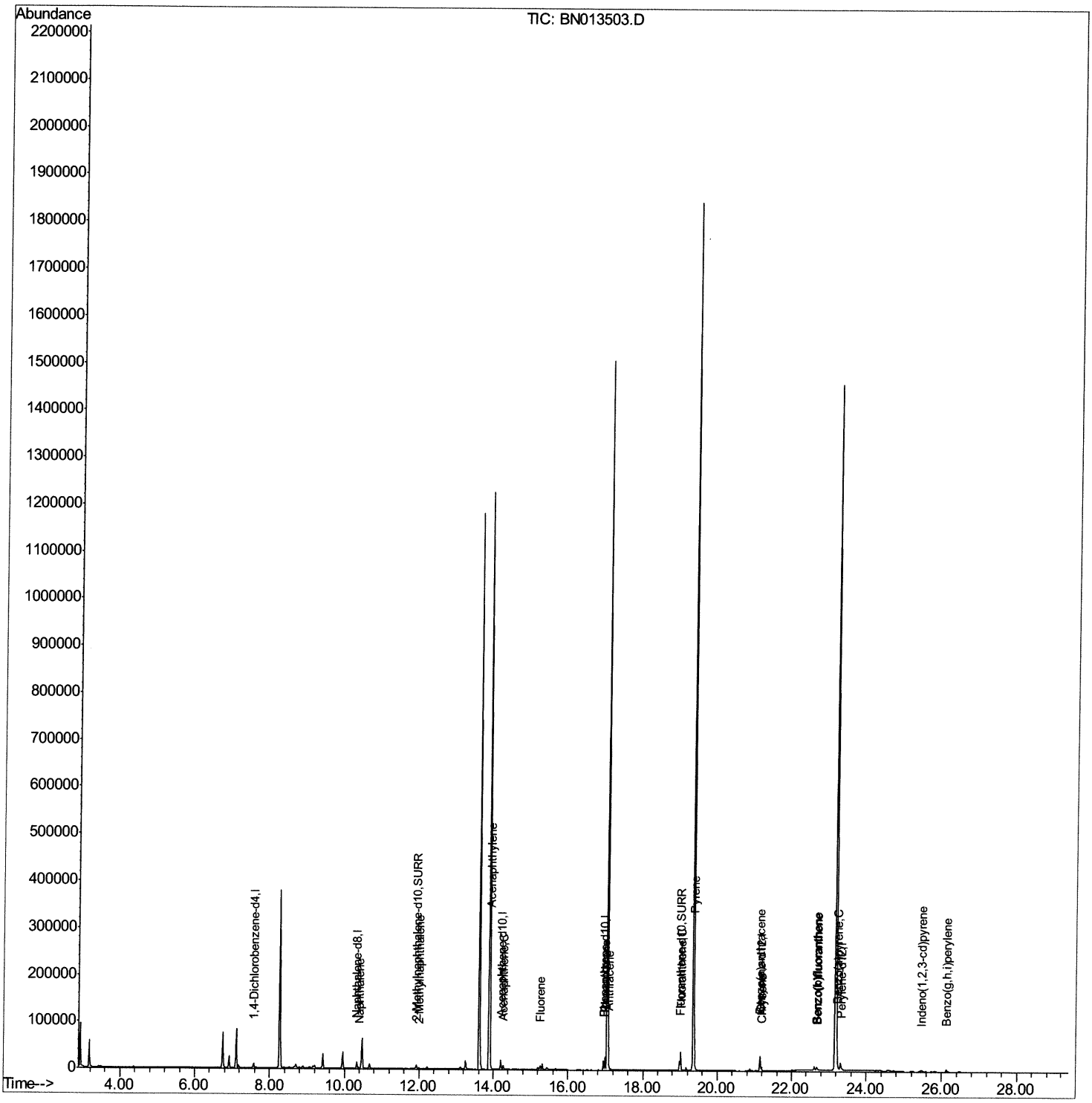
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN012721\
Data File : BN013503.D
Acq On : 27 Jan 2021 12:23
Operator : CG/JU
Sample : M1099-21
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 27 13:17:07 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 :
F1C17

Manual Integrations APPROVED
mohammad
1/28/2021 11:44:00 AM



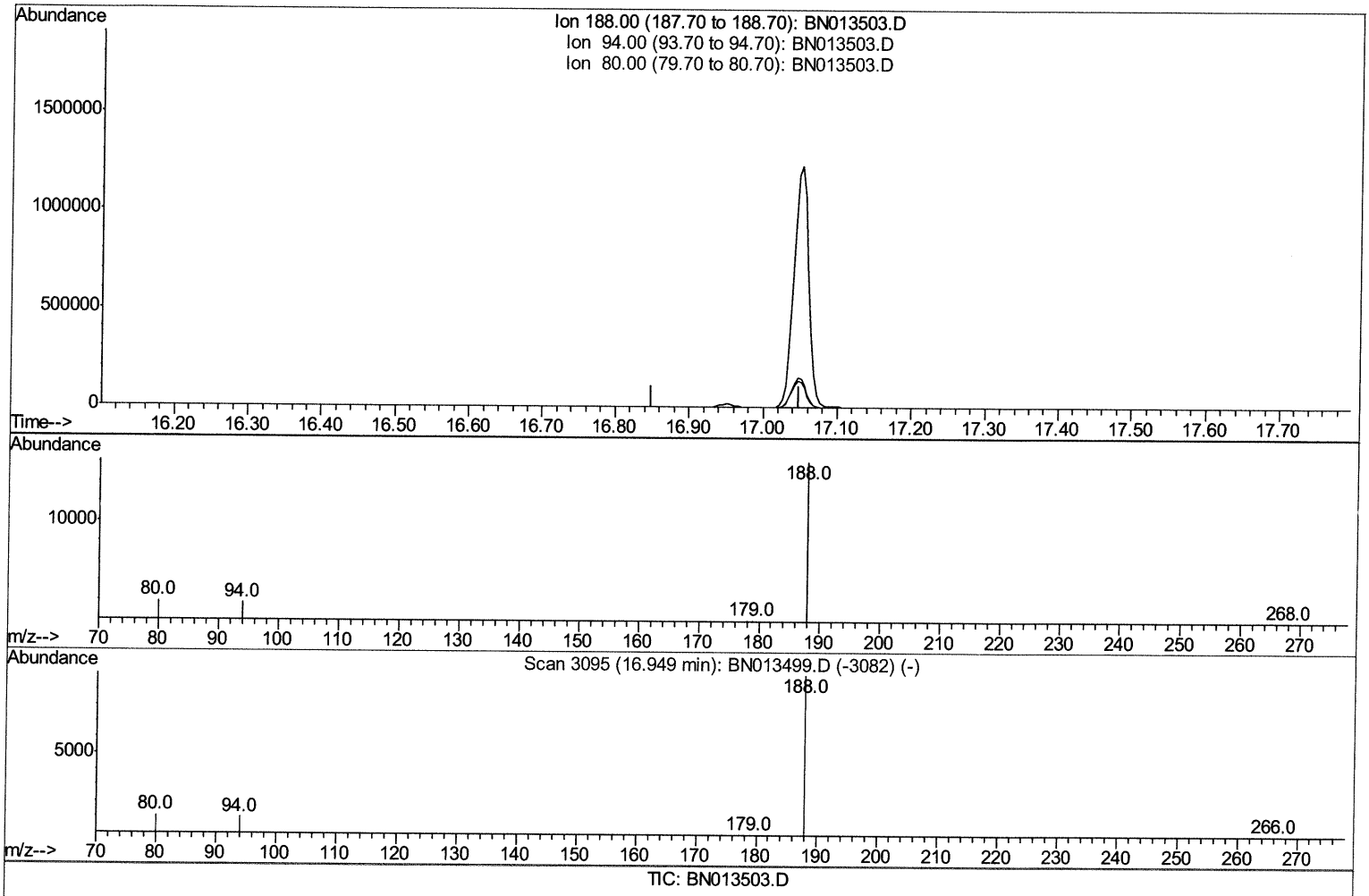
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN012721\
Data File : BN013503.D
Acq On : 27 Jan 2021 12:23
Operator : CG/JU
Sample : M1099-21
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 27 13:15:19 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 :
F1C17

Manual Integrations APPROVED
mohammad
1/28/2021 11:44:00 AM



TIC: BN013503.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 : BN013503.D
Acq On : 27 Jan 2021 12:23
Operator : CG/JU
Sample : M1099-21
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 27 13:15:19 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
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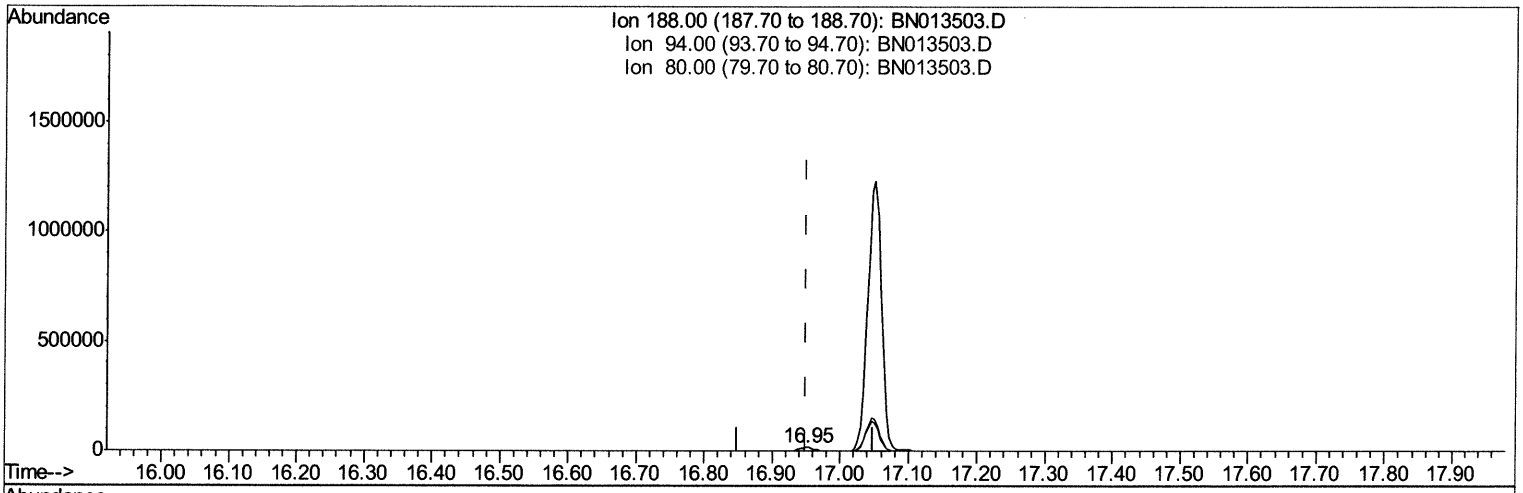
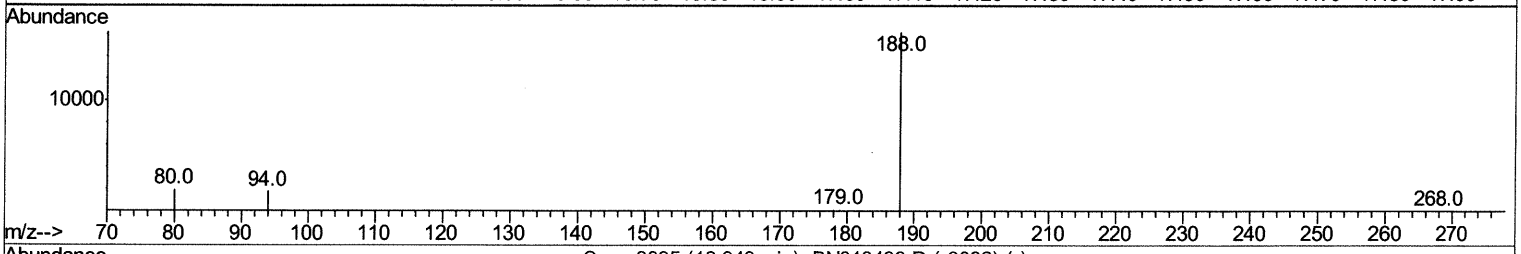
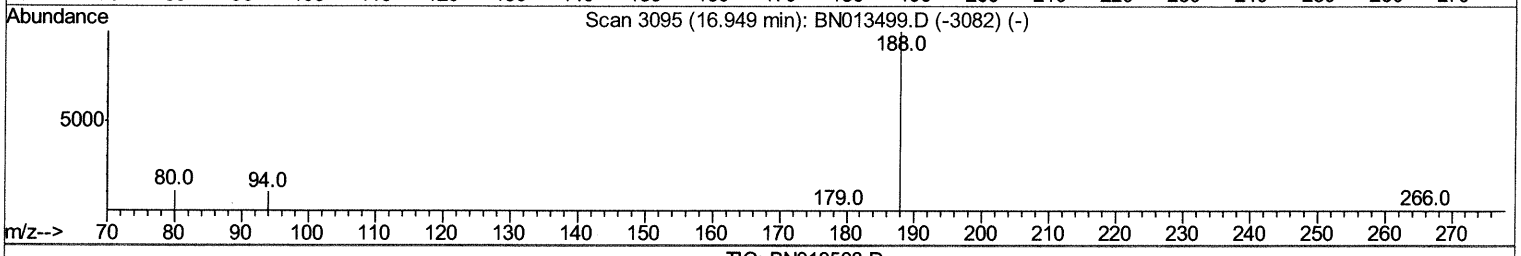
BNA_N
ClientSampleId :
F1C17

Manual Integrations APPROVED
mohammad
1/28/2021 11:44:00 AM







TIC: BN013503.D

(10) Phenanthrene-d10 (I)

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

response 22017

Ion	Exp%	Act%
188.00	100	100
94.00	10.80	11.13
80.00	11.50	12.01
0.00	0.00	0.00

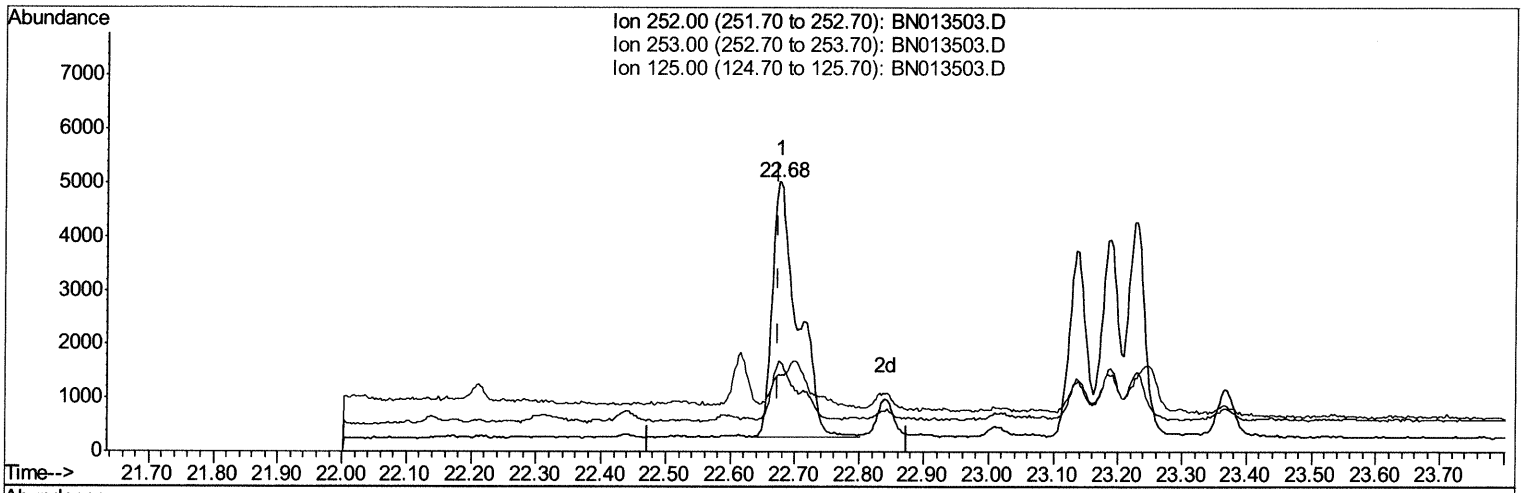
Quantitation Report (Qedit)

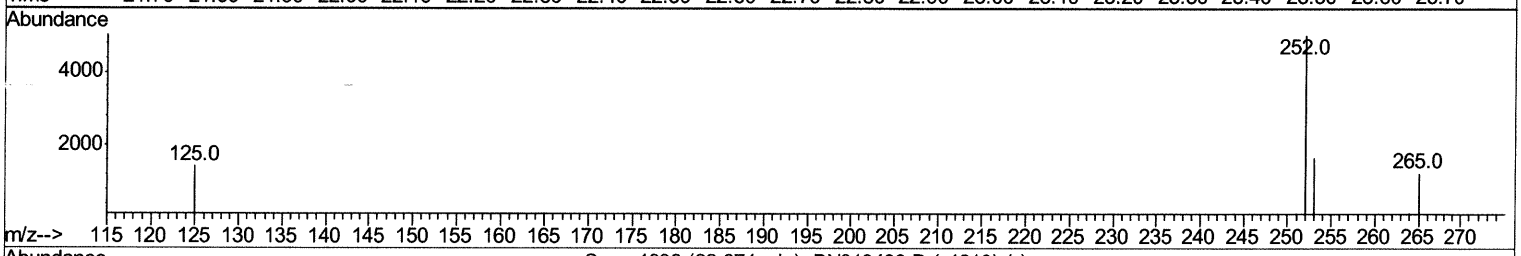
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN012721\
Data File : BN013503.D
Acq On : 27 Jan 2021 12:23
Operator : CG/JU
Sample : M1099-21
Misc :
ALS Vial : 6 Sample Multiplier: 1

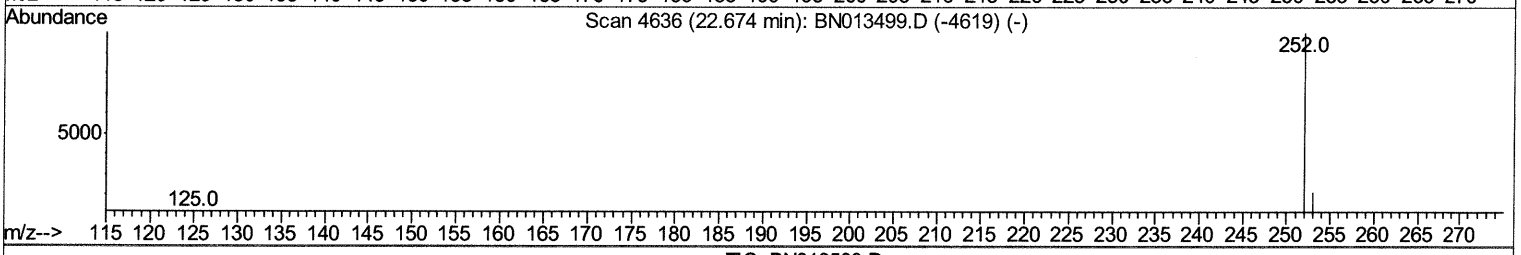
Quant Time: Jan 27 13:15:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 27 11:55:49 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F1C17

Manual Integrations APPROVED
mohammad
1/28/2021 11:44:00 AM







TIC: BN013503.D

(21) Benzo(b)fluoranthene

22.676min (+0.003) 0.15ng/ul

response 13079

Ion	Exp%	Act%
252.00	100	100
253.00	23.70	33.03
125.00	13.40	28.37#
0.00	0.00	0.00

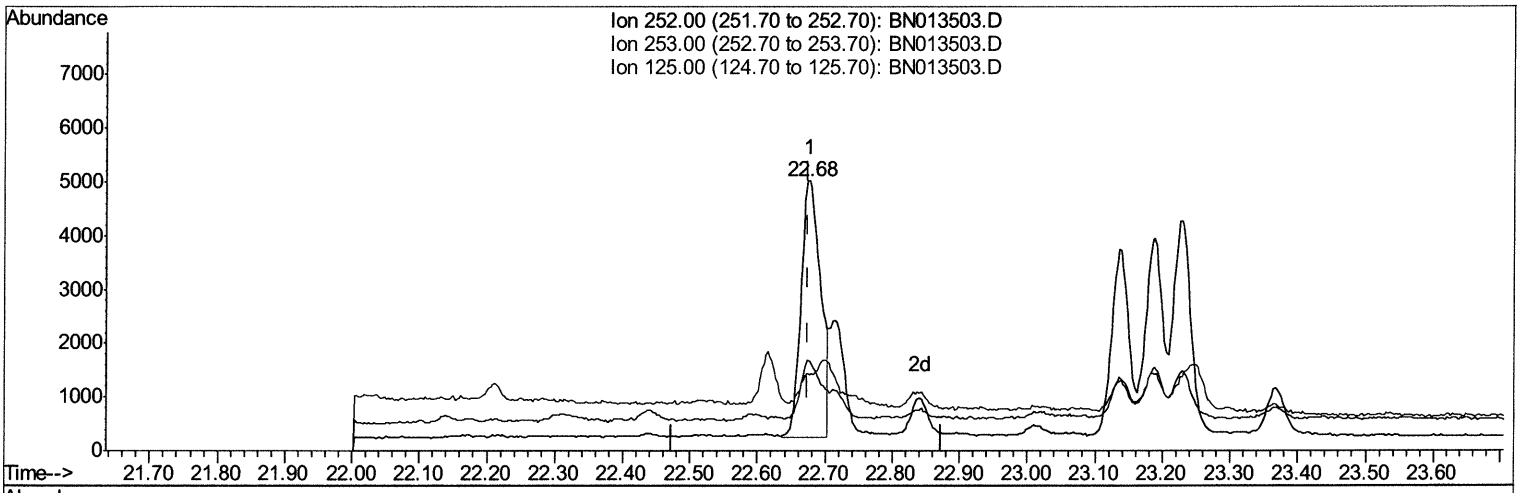
Quantitation Report (Qedit)

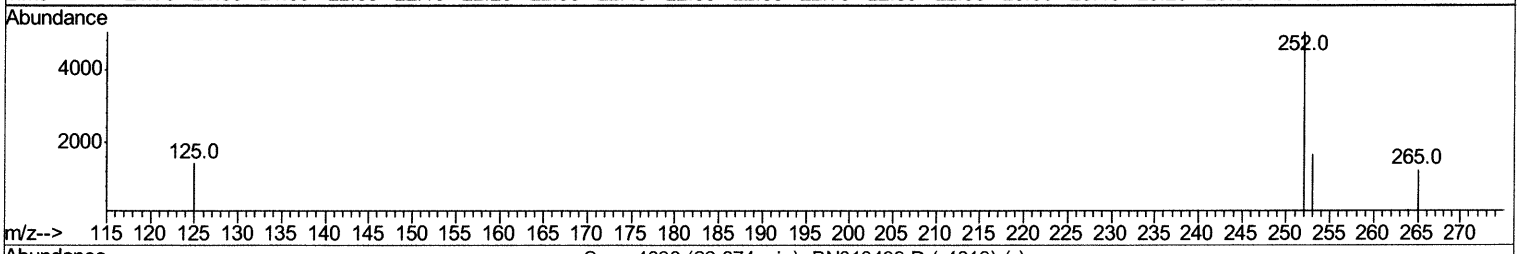
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN012721\
Data File : BN013503.D
Acq On : 27 Jan 2021 12:23
Operator : CG/JU
Sample : M1099-21
Misc :
ALS Vial : 6 Sample Multiplier: 1

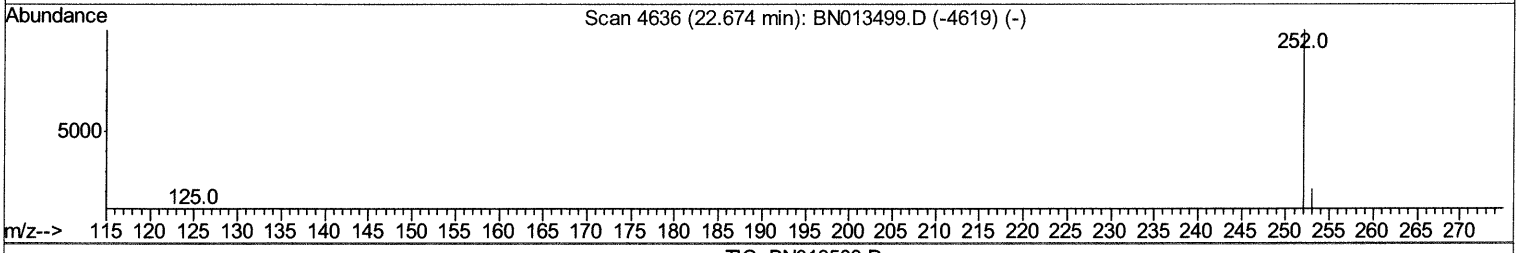
Quant Time: Jan 27 13:15:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 27 11:55:49 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F1C17

Manual Integrations APPROVED
mohammad
1/28/2021 11:44:00 AM







TIC: BN013503.D

(21) Benzo(b)fluoranthene

22.676min (+0.003) 0.11ng/ul m 01/28/21 JU

response 9575

Ion	Exp%	Act%
252.00	100	100
253.00	23.70	33.03
125.00	13.40	28.37#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN012721\
Data File : BN013503.D
Acq On : 27 Jan 2021 12:23
Operator : CG/JU
Sample : M1099-21
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 27 13:15:54 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 :
F1C17

Manual Integrations APPROVED
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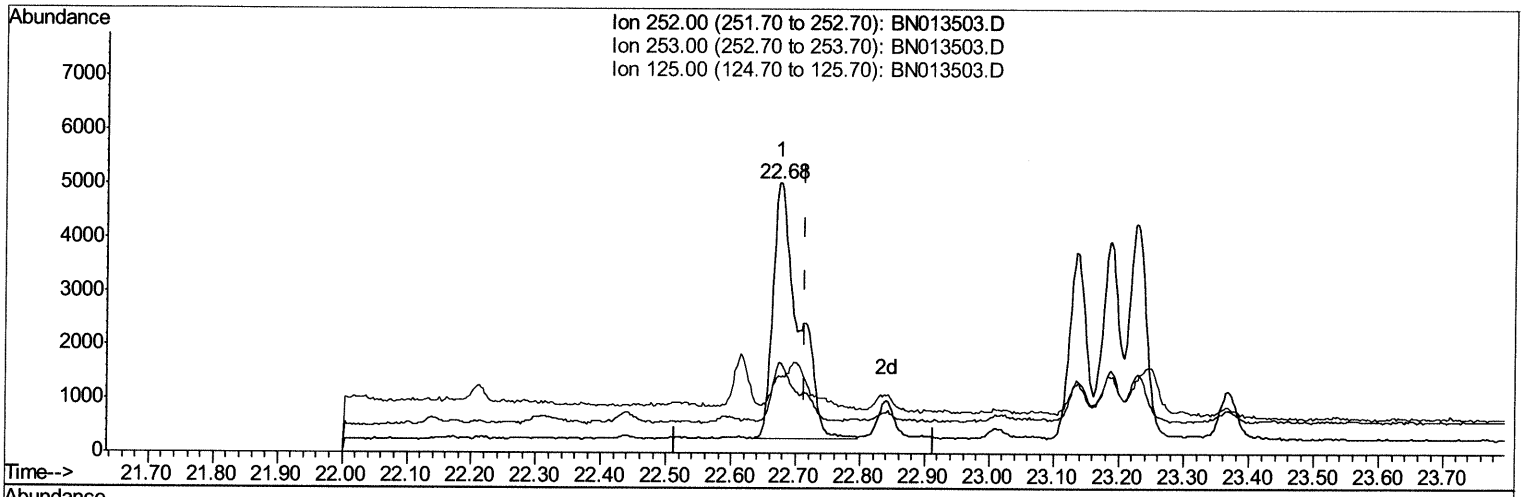
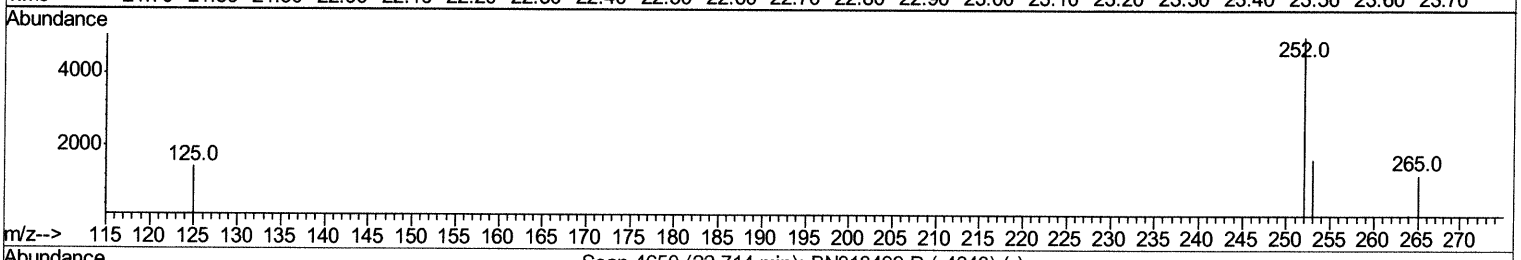
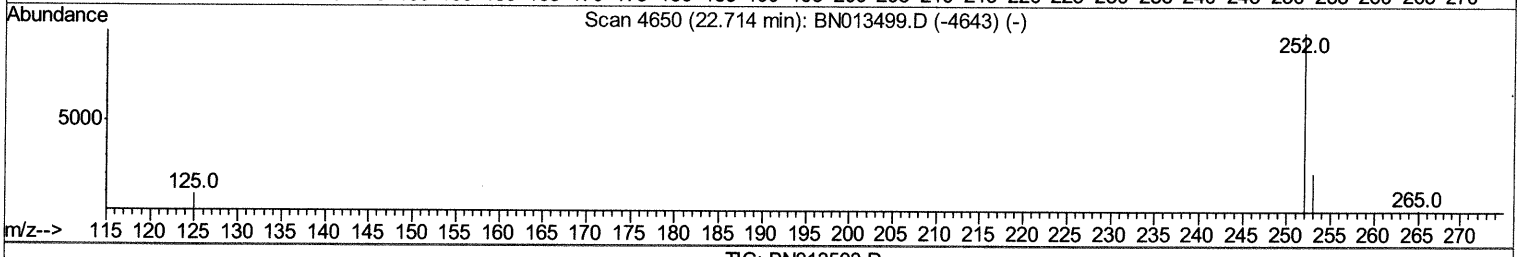
1/28/2021 11:44:00 AM







TIC: BN013503.D

(22) Benzo(k)fluoranthene

22.676min (-0.038) 0.14ng/ul

response 13065

Ion	Exp%	Act%
252.00	100	100
253.00	24.00	33.03#
125.00	14.30	28.37#
0.00	0.00	0.00

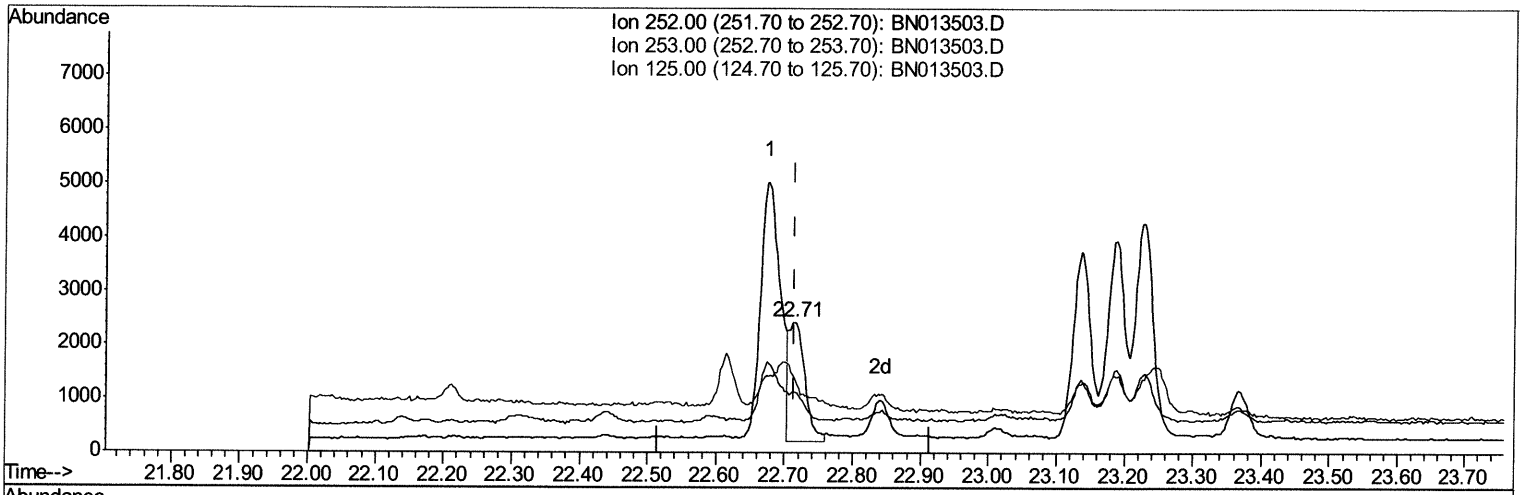
Quantitation Report (Qedit)

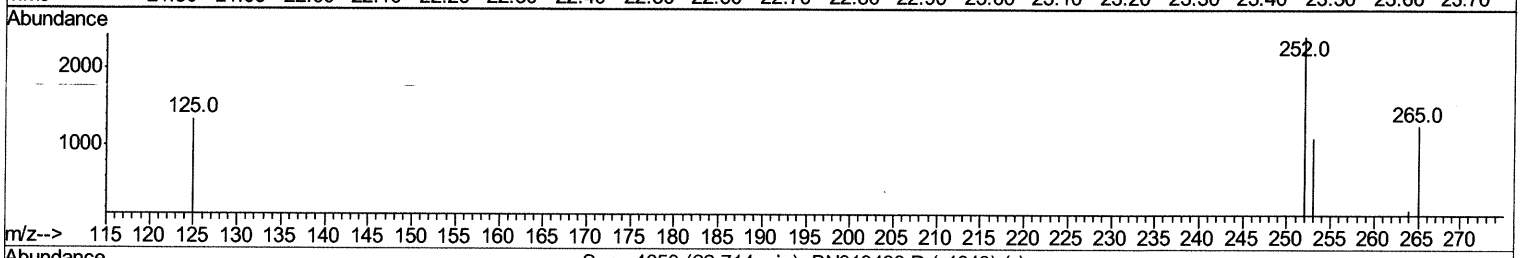
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN012721\
Data File : BN013503.D
Acq On : 27 Jan 2021 12:23
Operator : CG/JU
Sample : M1099-21
Misc :
ALS Vial : 6 Sample Multiplier: 1

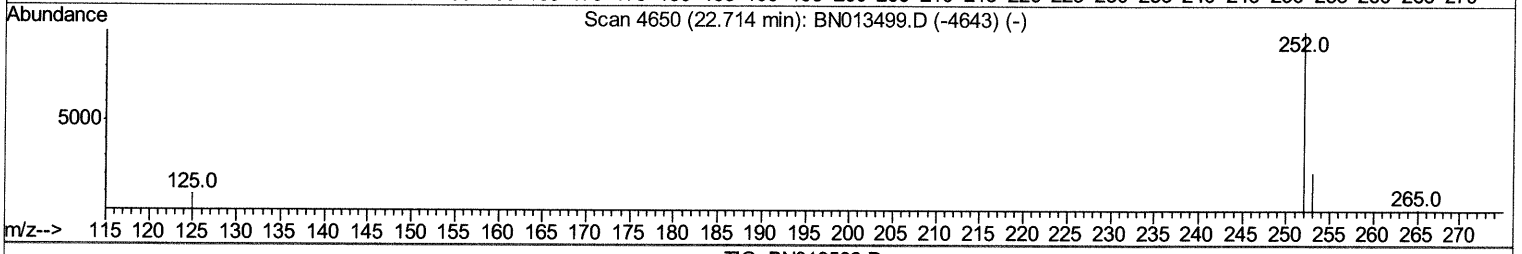
Quant Time: Jan 27 13:15:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 27 11:55:49 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F1C17

Manual Integrations APPROVED
mohammad
1/28/2021 11:44:00 AM







TIC: BN013503.D

(22) Benzo(k)fluoranthene

22.714min (-0.000) 0.04ng/ul m 01/28/21 JU

response 3690

Ion	Exp%	Act%
252.00	100	100
253.00	24.00	45.94#
125.00	14.30	55.13#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN012721\
Data File : BN013503.D
Acq On : 27 Jan 2021 12:23
Operator : CG/JU
Sample : M1099-21
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F1C17

Manual Integrations APPROVED
mohammad
1/28/2021 11:44:00 AM

Quant Time: Jan 27 13:17:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN012721.M
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QLast Update : Wed Jan 27 11:55:49 2021
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	4911	0.40	ng/ul	0.00
2) Naphthalene-d8	10.33	136	18415	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.20	164	10825	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.95	188	22017m	0.40	ng/ul	0.00 01/28/21 JU
16) Chrysene-d12	21.15	240	21378	0.40	ng/ul	0.00
20) Perylene-d12	23.32	264	20505	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.92	152	10783	0.39	ng/ul	0.00
14) Fluoranthene-d10	18.99	212	23075	0.40	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.38	128	5720	0.107	ng/ul	95
5) 2-Methylnaphthalene	12.00	142	1932	0.057	ng/ul	97
7) Acenaphthylene	13.92	152	17488	0.392	ng/ul	99
8) Acenaphthene	14.26	153	5173	0.130	ng/ul	99
9) Fluorene	15.25	166	5931	0.135	ng/ul#	98
12) Phenanthrene	16.99	178	30198	0.419	ng/ul	99
13) Anthracene	17.08	178	5978	0.101	ng/ul	97
15) Fluoranthene	19.01	202	32429	0.412	ng/ul	98
17) Pyrene	19.38	202	58877	0.673	ng/ul	99
18) Benzo(a)anthracene	21.14	228	5925	0.084	ng/ul#	40
19) Chrysene	21.19	228	7889	0.090	ng/ul#	94
21) Benzo(b)fluoranthene	22.68	252	9575m	0.111	ng/ul	01/28/21 JU
22) Benzo(k)fluoranthene	22.71	252	3690m	0.040	ng/ul	
23) Benzo(a)pyrene	23.23	252	6985	0.096	ng/ul#	74
24) Indeno(1,2,3-cd)pyrene	25.48	276	5419	0.056	ng/ul#	100
26) Benzo(g,h,i)perylene	26.13	276	8410	0.098	ng/ul	94

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