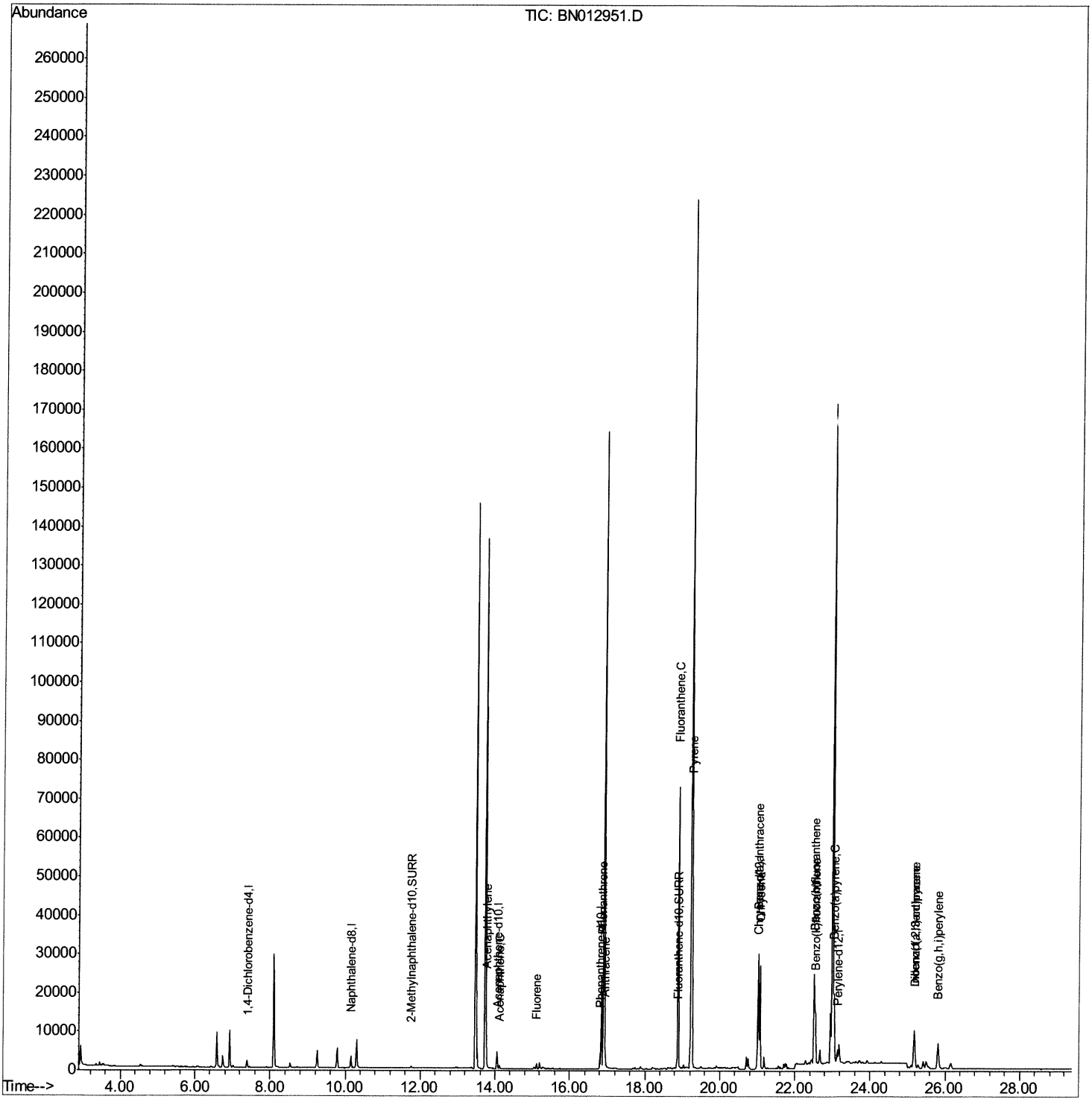
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN012951.D
Acq On : 07 Dec 2020 22:19
Operator : CG/JU
Sample : L4859-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Dec 08 00:53:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 08 00:15:39 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0BD0

Manual Integrations APPROVED
mohammad
12/9/2020 12:21:37 PM



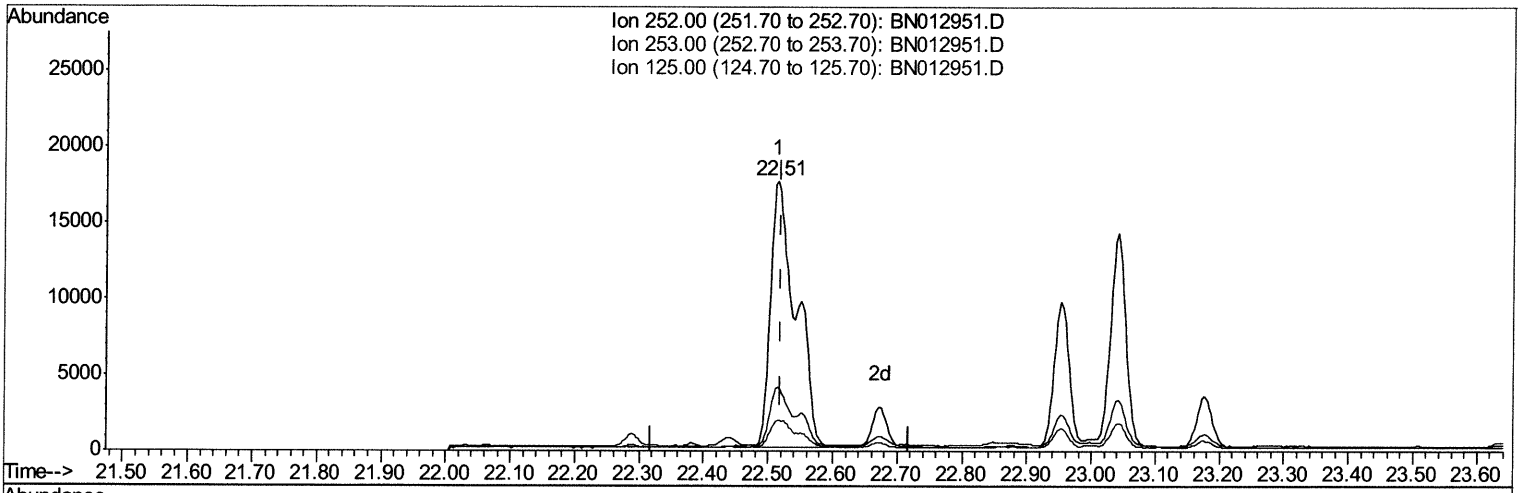
Quantitation Report (Qedit)

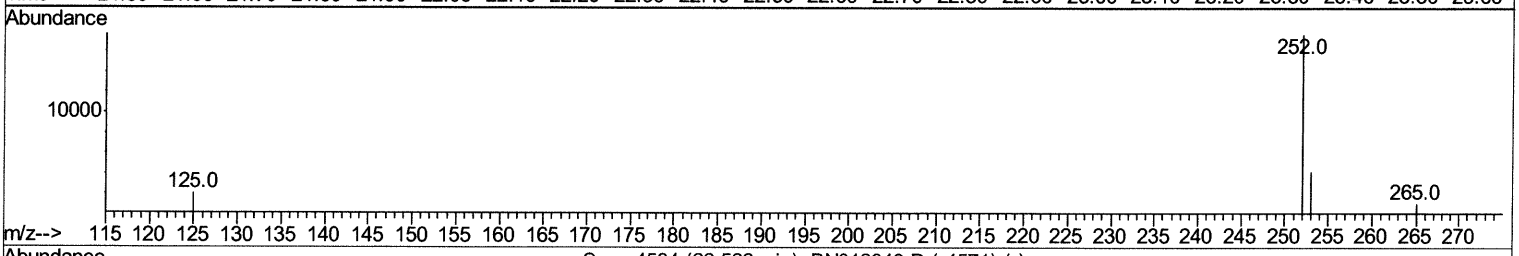
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN012951.D
Acq On : 07 Dec 2020 22:19
Operator : CG/JU
Sample : L4859-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

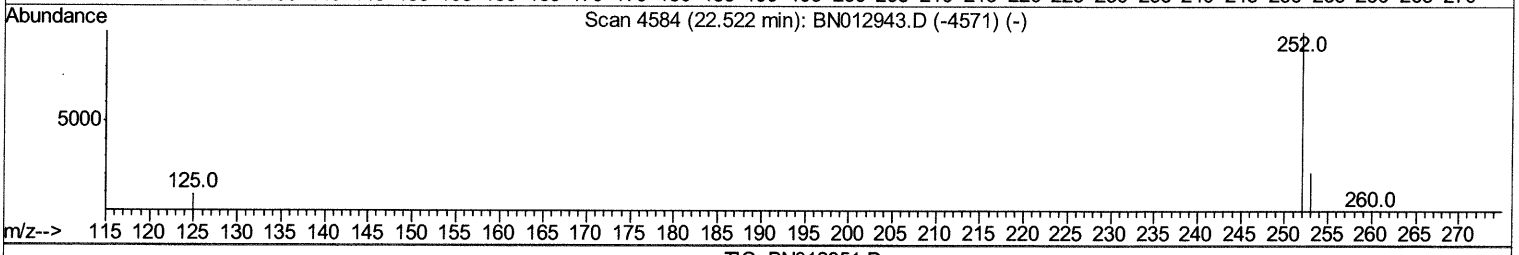
Quant Time: Dec 08 00:17:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 08 00:15:39 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0BD0

Manual Integrations APPROVED
mohammad
12/9/2020 12:21:37 PM







TIC: BN012951.D

(21) Benzo(b)fluoranthene

22.515min (-0.004) 2.57ng/ul

response 48137

Ion	Exp%	Act%
252.00	100	100
253.00	29.80	23.55
125.00	13.00	11.32
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN012951.D
Acq On : 07 Dec 2020 22:19
Operator : CG/JU
Sample : L4859-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Dec 08 00:17:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 08 00:15:39 2020
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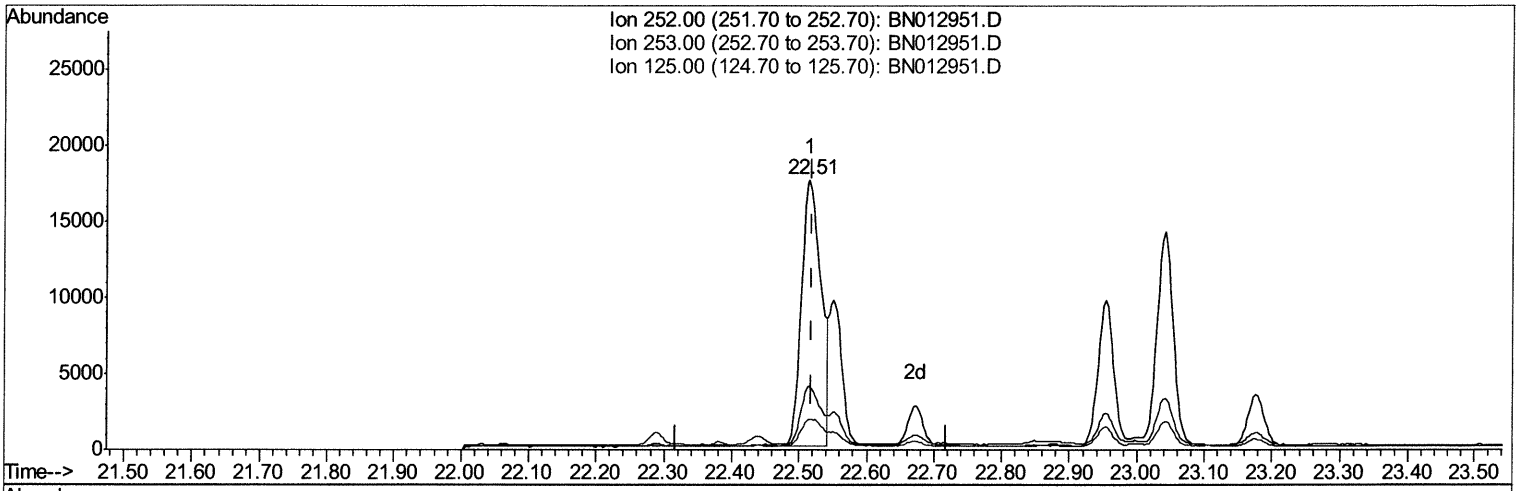
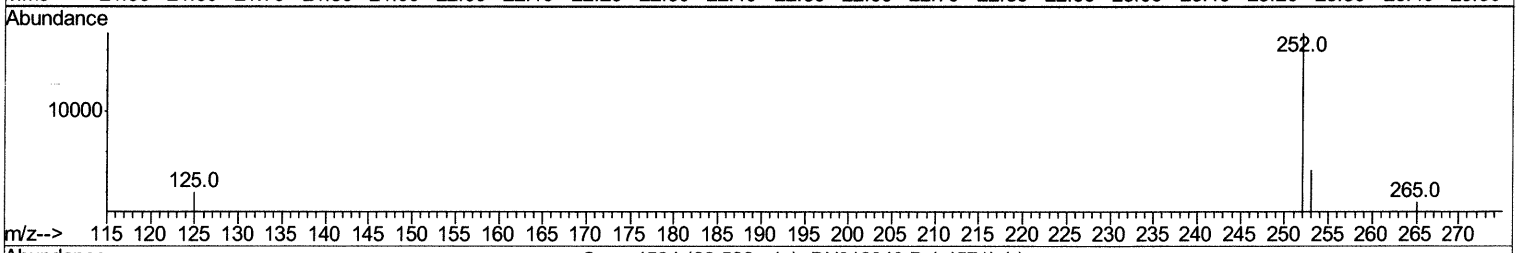
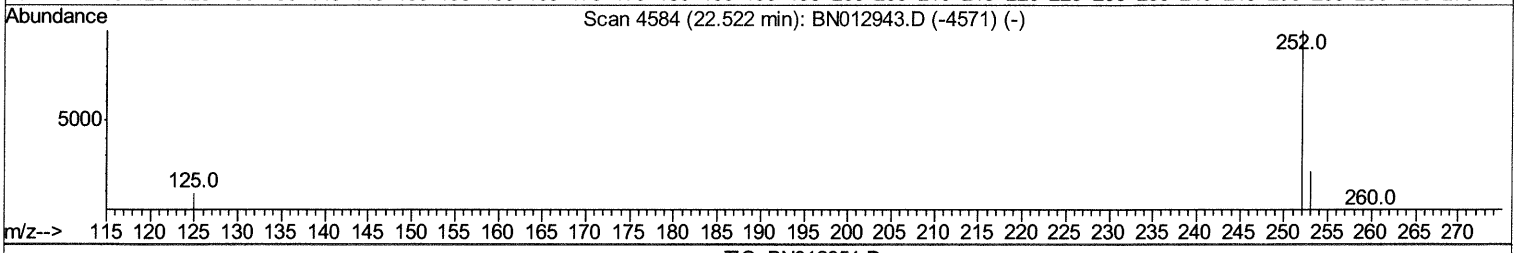
Instrument :
BNA_N
ClientSampleId :
C0BD0

Manual Integrations APPROVED
mohammad
12/9/2020 12:21:37 PM







TIC: BN012951.D

(21) Benzo(b)fluoranthene

22.515min (-0.004) 1.87ng/ul m 12/09/2020

response 35051

Ion	Exp%	Act%
252.00	100	100
253.00	29.80	23.55
125.00	13.00	11.32
0.00	0.00	0.00

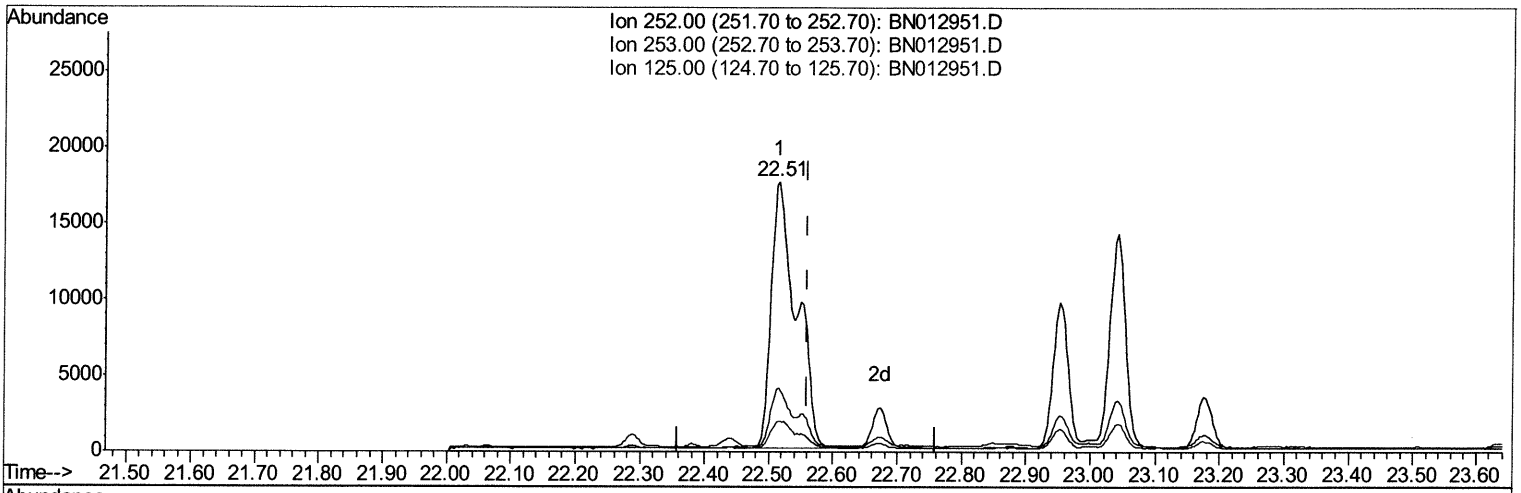
Quantitation Report (Qedit)

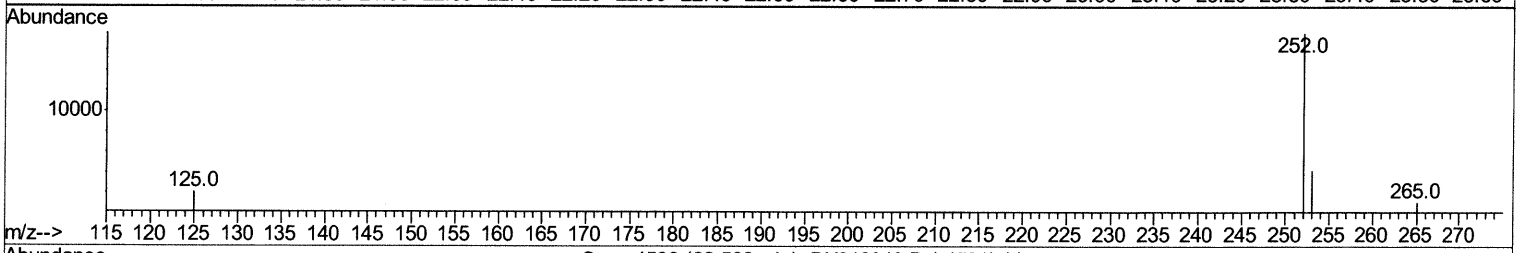
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN012951.D
Acq On : 07 Dec 2020 22:19
Operator : CG/JU
Sample : L4859-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

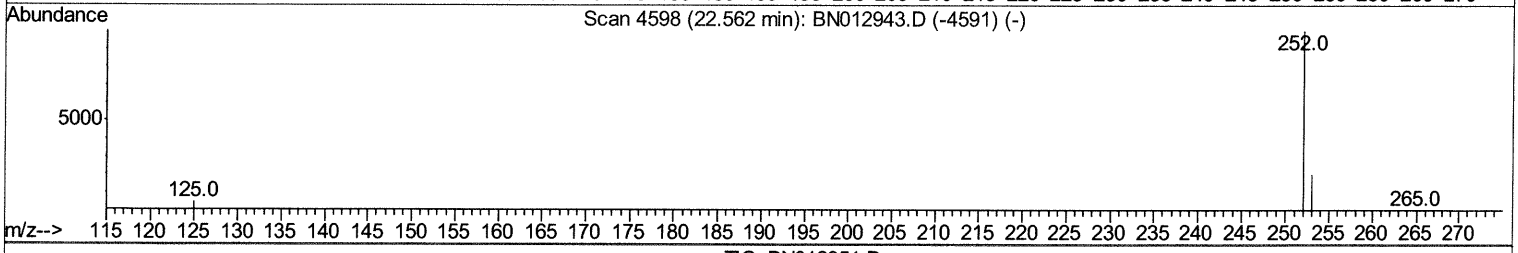
Quant Time: Dec 08 00:17:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 08 00:15:39 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0BD0

Manual Integrations APPROVED
mohammad
12/9/2020 12:21:37 PM







TIC: BN012951.D

(22) Benzo(k)fluoranthene

22.515min (-0.045) 2.32ng/ul

response 48127

Ion	Exp%	Act%
252.00	100	100
253.00	29.30	23.55
125.00	13.90	11.32
0.00	0.00	0.00

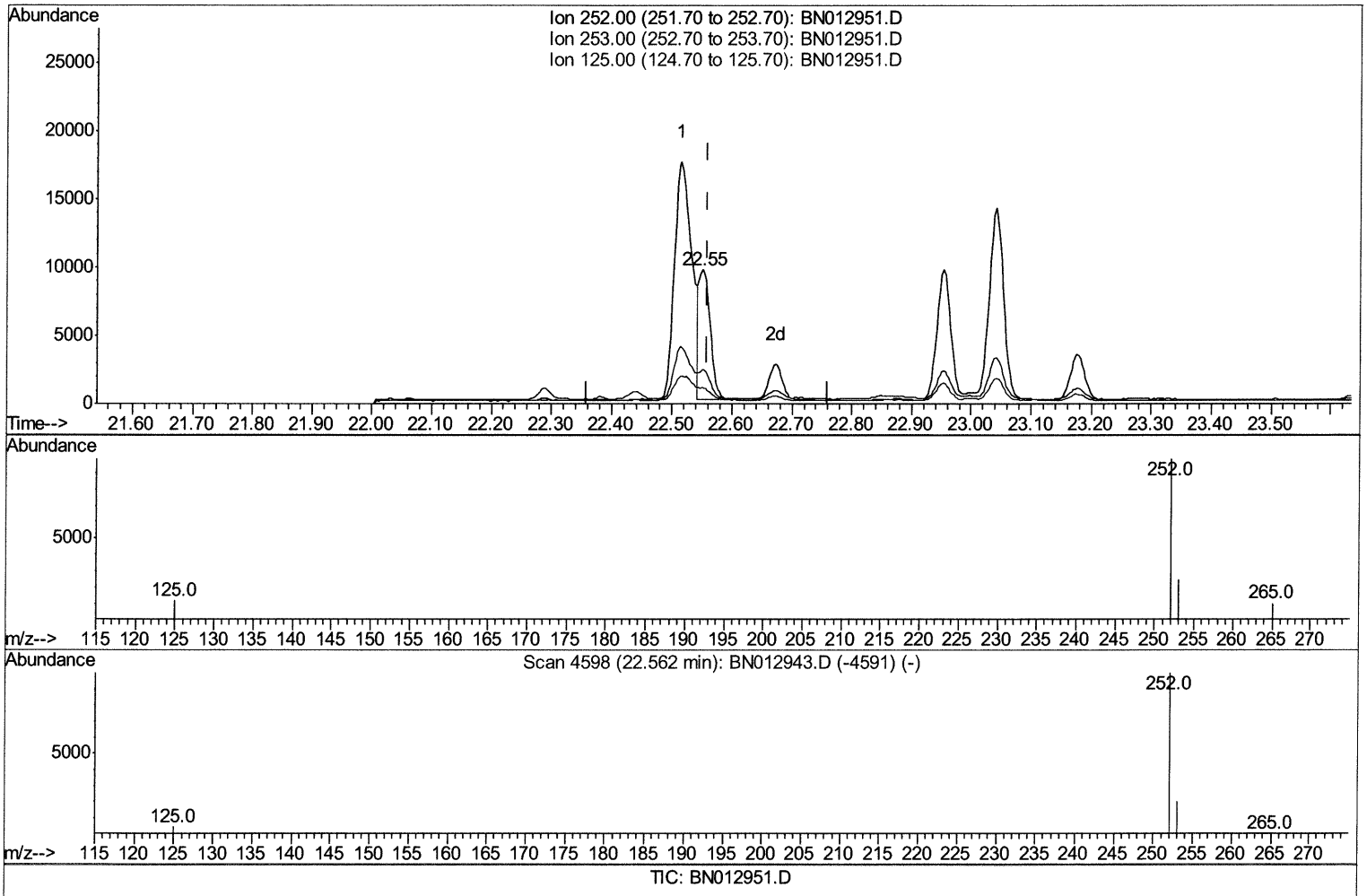
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN012951.D
Acq On : 07 Dec 2020 22:19
Operator : CG/JU
Sample : L4859-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Dec 08 00:17:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 08 00:15:39 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0BD0

Manual Integrations APPROVED
mohammad
12/9/2020 12:21:37 PM



TIC: BN012951.D

(22) Benzo(k)fluoranthene

22.550min (-0.010) 0.61ng/ul m 12/09/20 JD

response 12721

Ion	Exp%	Act%
252.00	100	100
253.00	29.30	25.64
125.00	13.90	12.14
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN012951.D
Acq On : 07 Dec 2020 22:19
Operator : CG/JU
Sample : L4859-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Dec 08 00:17:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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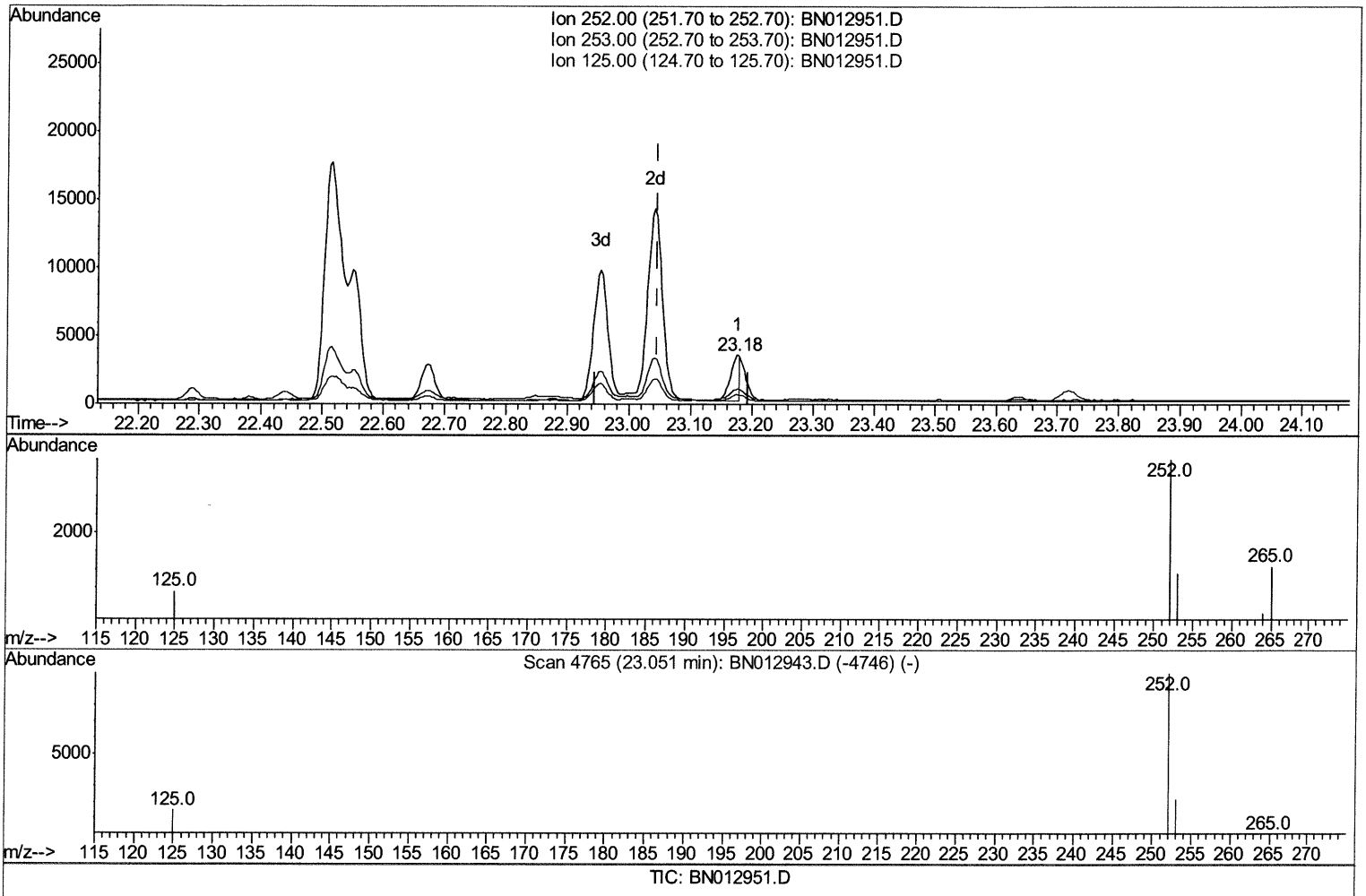
Instrument :
BNA_N
ClientSampleId :
C0BD0

Manual Integrations APPROVED
mohammad
12/9/2020 12:21:37 PM



(23) Benzo(a)pyrene (C)

23.176min (+0.131) 0.20ng/ul

response 3466

Ion	Exp%	Act%
252.00	100	100
253.00	33.10	31.15
125.00	17.70	19.60
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN012951.D
Acq On : 07 Dec 2020 22:19
Operator : CG/JU
Sample : L4859-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Dec 08 00:17:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
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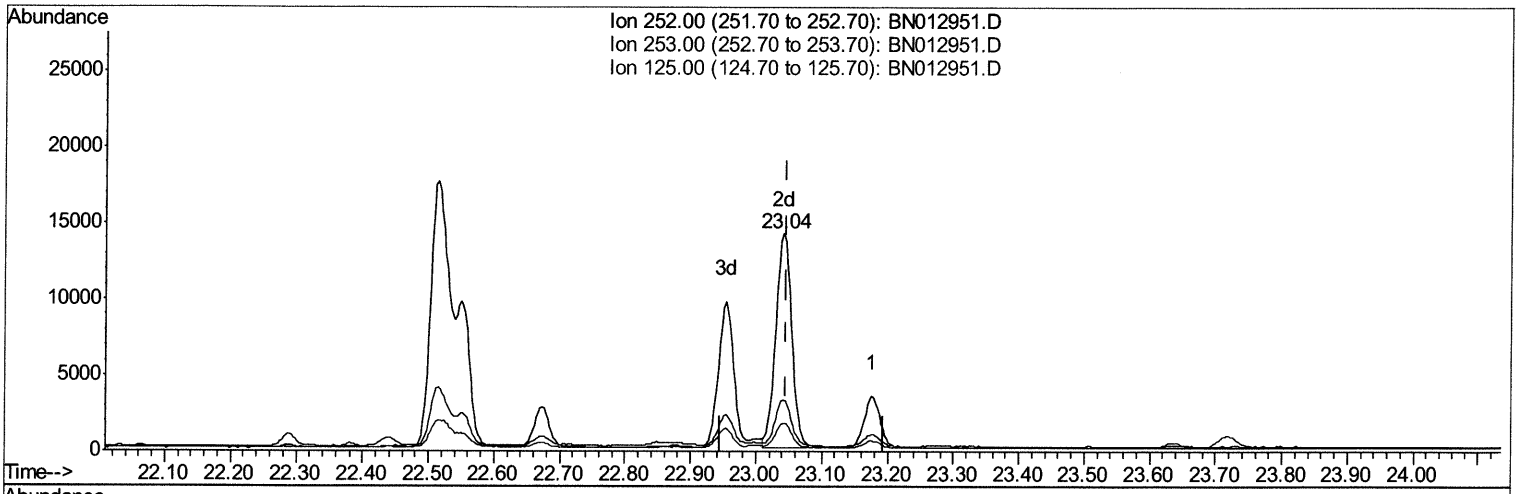
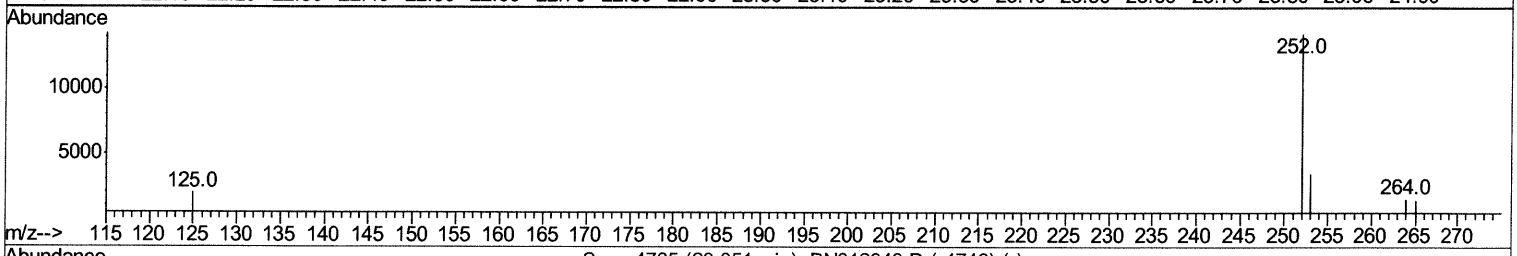
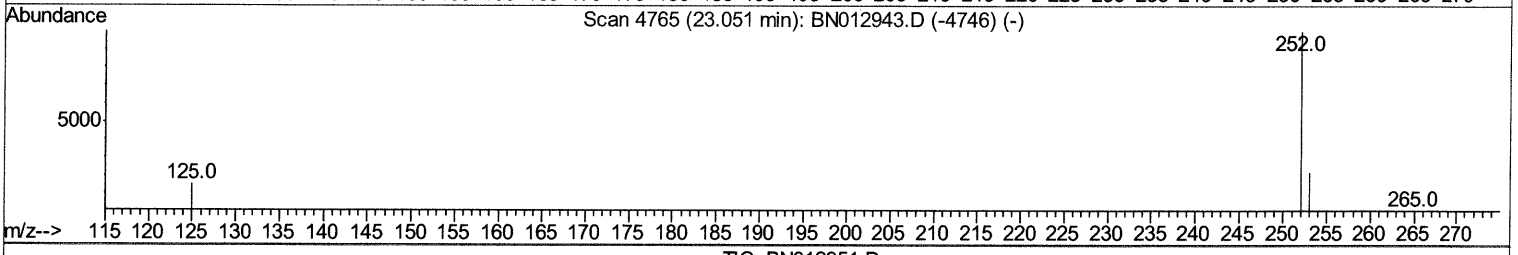
Instrument :
BNA_N
ClientSampleId :
C0BD0

Manual Integrations APPROVED
mohammad
12/9/2020 12:21:37 PM







TIC: BN012951.D

(23) Benzo(a)pyrene (C)

23.041min (-0.004) 1.37ng/ul m 12/09/20 JU

response 23862

Ion	Exp%	Act%
252.00	100	100
253.00	33.10	23.70#
125.00	17.70	13.18#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN012951.D
Acq On : 07 Dec 2020 22:19
Operator : CG/JU
Sample : L4859-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BD0

Manual Integrations APPROVED
mohammad
12/9/2020 12:21:37 PM

Quant Time: Dec 08 00:53:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 08 00:15:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1008	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	4199	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	2318	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	4832	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	4210	0.40	ng/ul	0.00
20) Perylene-d12	23.13	264	4051	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	853	0.14	ng/ul	0.00
14) Fluoranthene-d10	18.85	212	1973	0.15	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	13.77	152	1740	0.159	ng/ul	99
8) Acenaphthene	14.11	153	481	0.053	ng/ul	95
9) Fluorene	15.11	166	815	0.079	ng/ul#	96
12) Phenanthrene	16.85	178	23423	1.446	ng/ul	97
13) Anthracene	16.94	178	3538	0.257	ng/ul	99
15) Fluoranthene	18.88	202	60580	3.147	ng/ul	98
17) Pyrene	19.25	202	51105	2.570	ng/ul	100
18) Benzo(a)anthracene	21.02	228	23798	1.366	ng/ul	99
19) Chrysene	21.07	228	25362	1.318	ng/ul	97
21) Benzo(b)fluoranthene	22.51	252	35051m	1.870	ng/ul	
22) Benzo(k)fluoranthene	22.55	252	12721m	0.614	ng/ul	
23) Benzo(a)pyrene	23.04	252	23862m	1.372	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.19	276	14990	0.656	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.19	278	3452	0.191	ng/ul#	92
26) Benzo(g,h,i)perylene	25.81	276	12881	0.623	ng/ul	98

12/04/20 JU

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