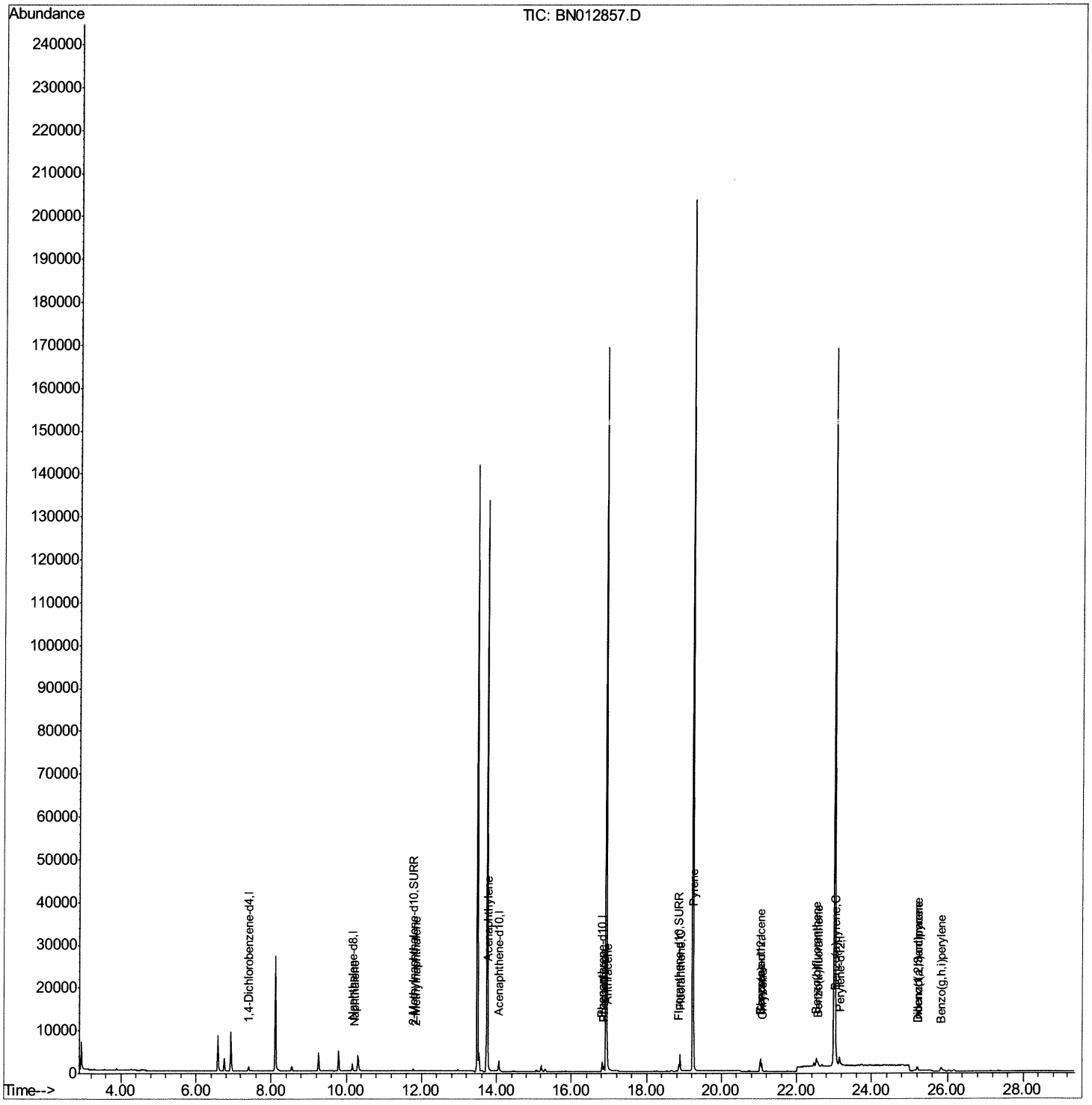
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120320\
Data File : BN012857.D
Acq On : 03 Dec 2020 21:20
Operator : CG/JU
Sample : L4866-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 04 00:37:46 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 : Fri Dec 04 00:14:34 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0BC5

Manual Integrations APPROVED
mohammad
12/7/2020 8:51:22 AM



Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120320\
Data File : BN012857.D
Acq On : 03 Dec 2020 21:20
Operator : CG/JU
Sample : L4866-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 04 00:18:38 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 : Fri Dec 04 00:14:34 2020
Response via : Initial Calibration

Instrument :
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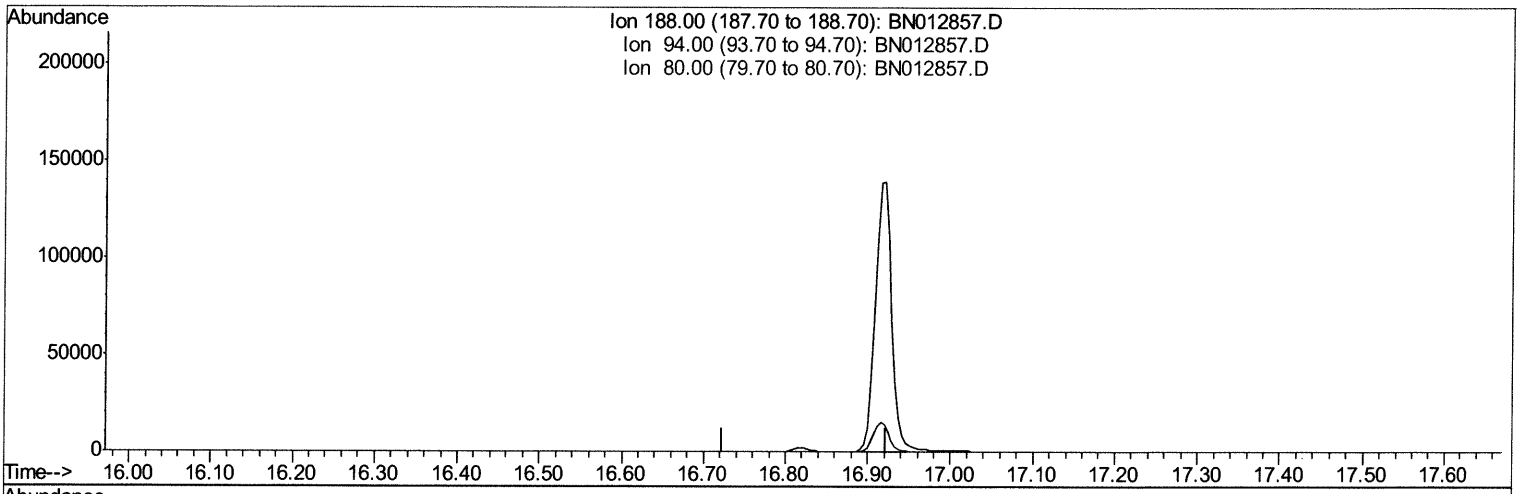
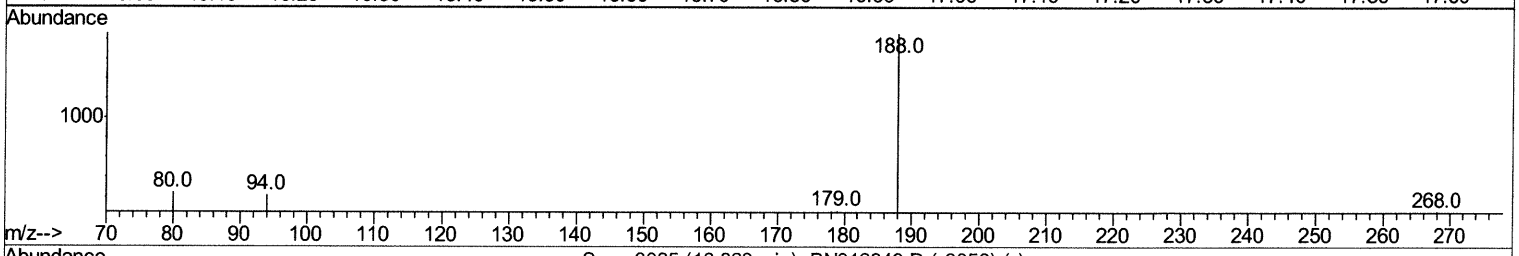
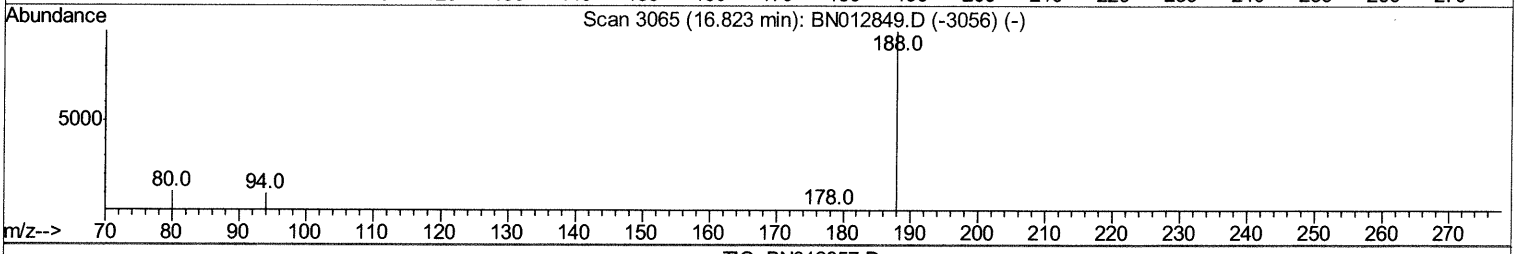
ClientSampleId :
C0BC5

Manual Integrations APPROVED
mohammad
12/7/2020 8:51:22 AM







TIC: BN012857.D

(10) Phenanthrene-d10 (I)

16.823min (-16.823) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	11.40	0.00#
80.00	12.40	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120320\
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Acq On : 03 Dec 2020 21:20
Operator : CG/JU
Sample : L4866-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 04 00:18:38 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 : Fri Dec 04 00:14:34 2020
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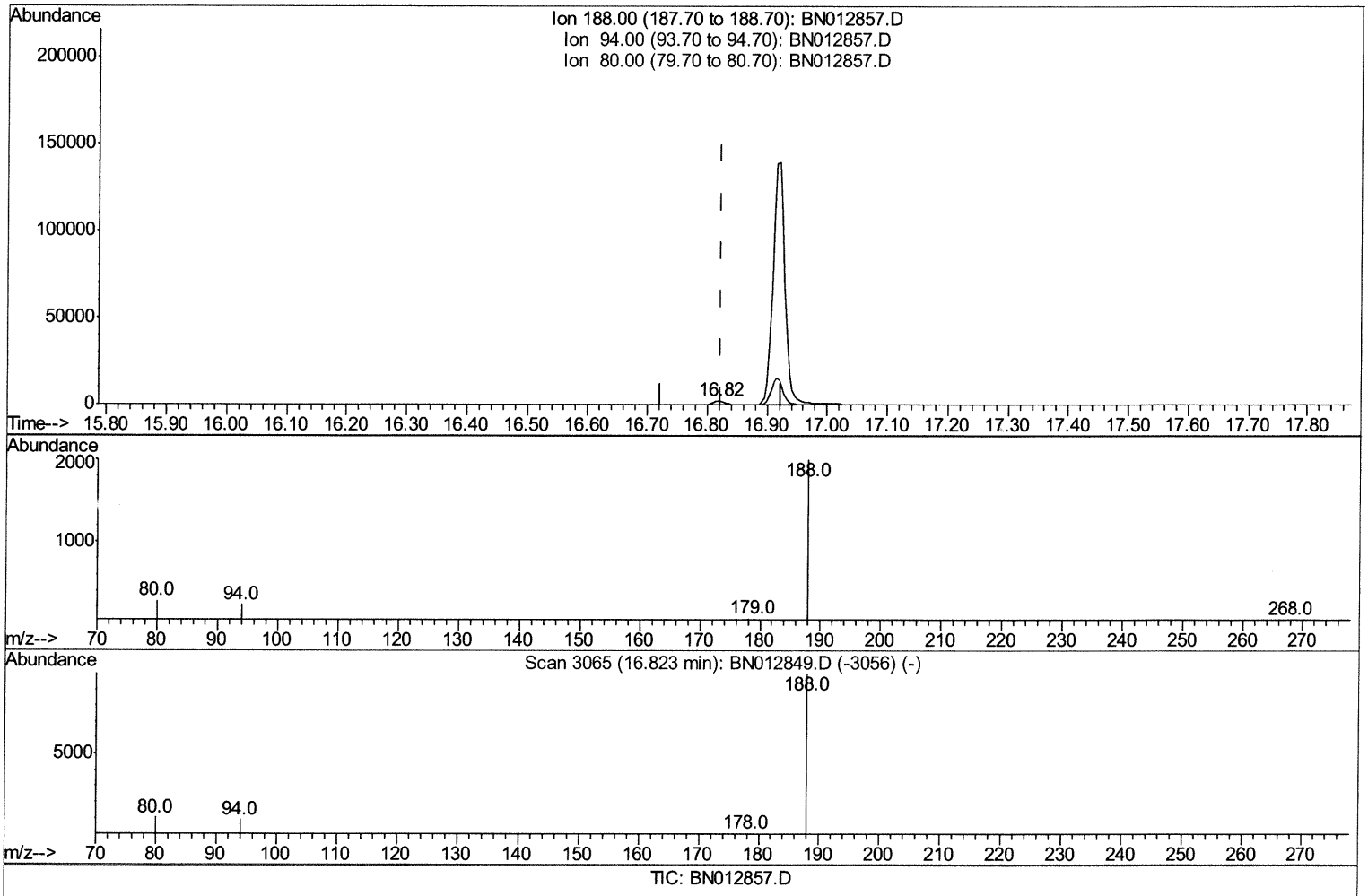
Instrument :
BNA_N
ClientSampleId :
C0BC5

Manual Integrations APPROVED
mohammad
12/7/2020 8:51:22 AM



TIC: BN012857.D

(10) Phenanthrene-d10 (I)

16.819min (-0.004) 0.40ng/ul m 12/07/20 JY

response 2766

Ion	Exp%	Act%
188.00	100	100
94.00	11.40	11.33
80.00	12.40	13.78
0.00	0.00	0.00

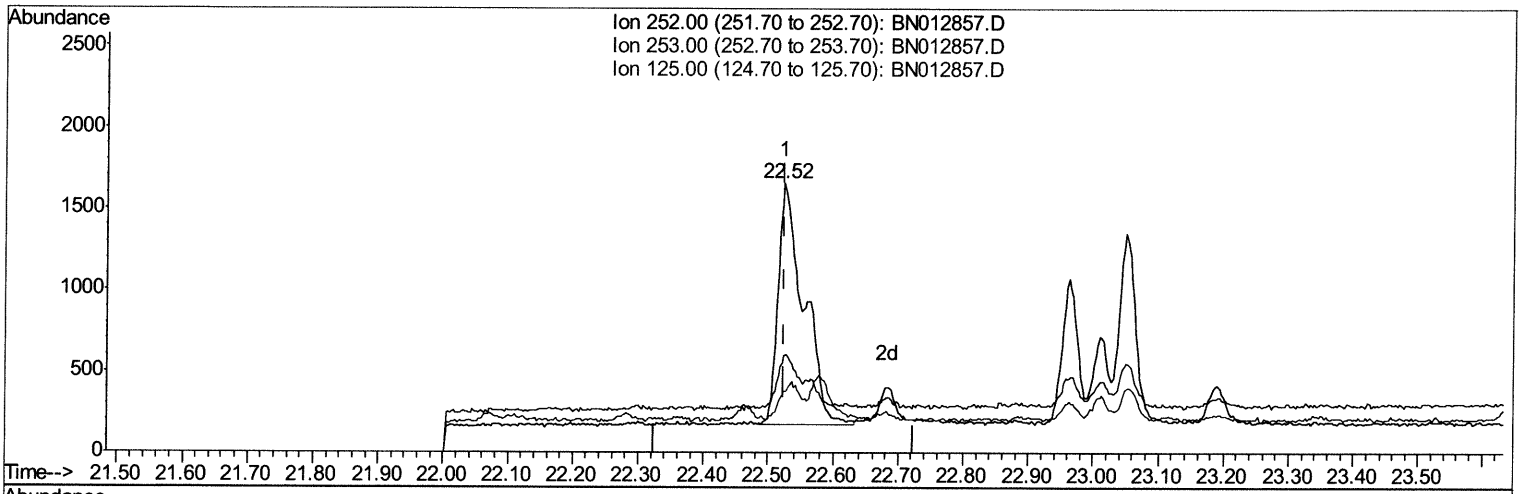
Quantitation Report (Qedit)

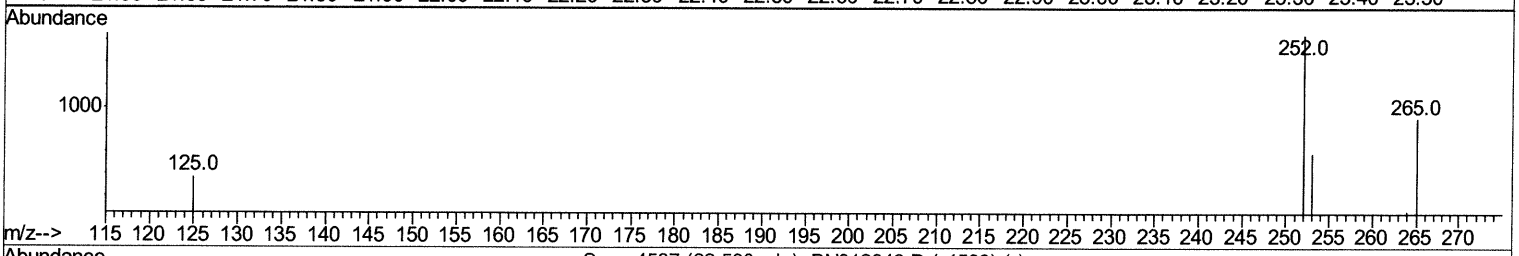
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120320\
Data File : BN012857.D
Acq On : 03 Dec 2020 21:20
Operator : CG/JU
Sample : L4866-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

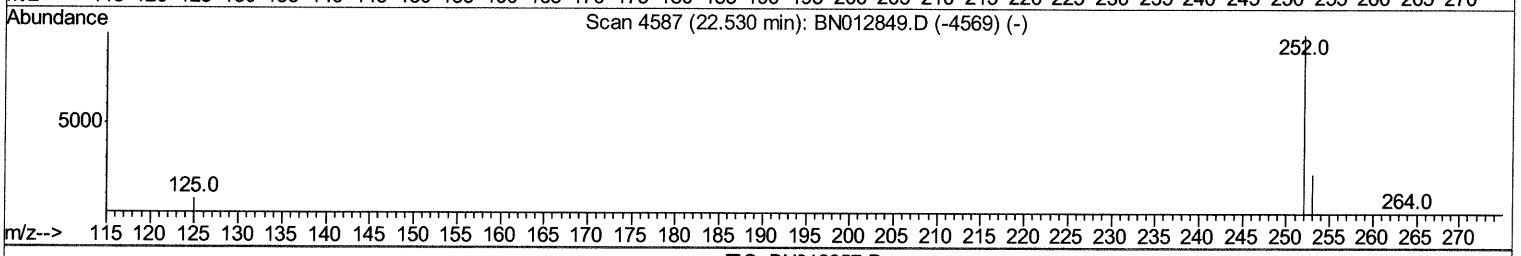
Quant Time: Dec 04 00:34:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 04 00:14:34 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0BC5

Manual Integrations APPROVED
mohammad
12/7/2020 8:51:22 AM







TIC: BN012857.D

(21) Benzo(b)fluoranthene

22.525min (+0.000) 0.34ng/ul

response 4052

Ion	Exp%	Act%
252.00	100	100
253.00	29.80	35.83
125.00	13.00	22.68
0.00	0.00	0.00

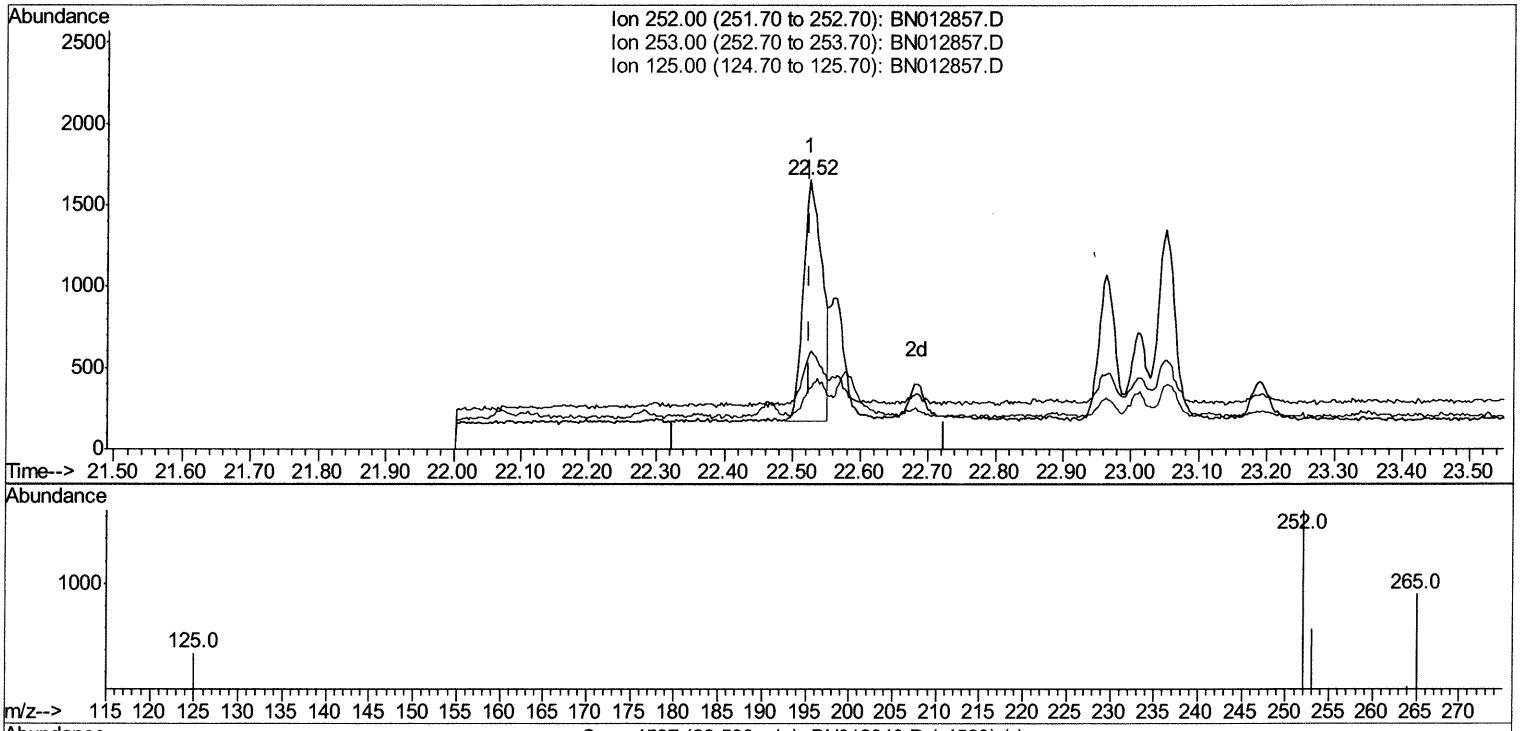
Quantitation Report (Qedit)

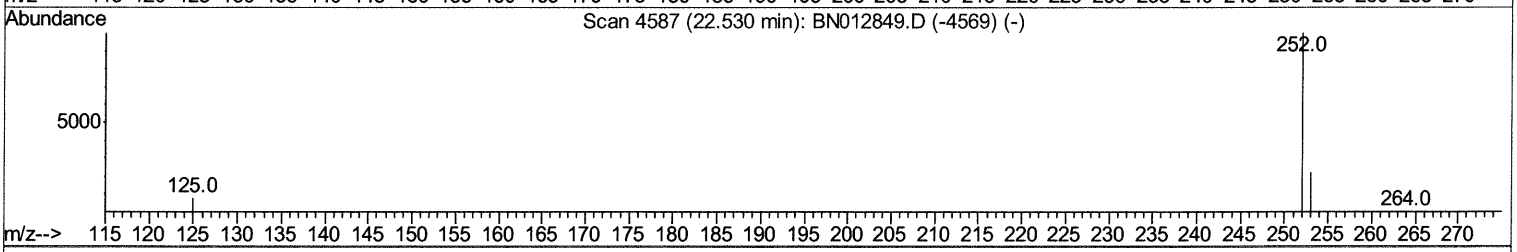
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120320\
Data File : BN012857.D
Acq On : 03 Dec 2020 21:20
Operator : CG/JU
Sample : L4866-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 04 00:34:49 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 : Fri Dec 04 00:14:34 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0BC5

Manual Integrations APPROVED
mohammad
12/7/2020 8:51:22 AM





TIC: BN012857.D

(21) Benzo(b)fluoranthene

22.525min (+0.000) 0.24ng/ul m 12/07/2020

response 2828

Ion	Exp%	Act%
252.00	100	100
253.00	29.80	35.83
125.00	13.00	22.68
0.00	0.00	0.00

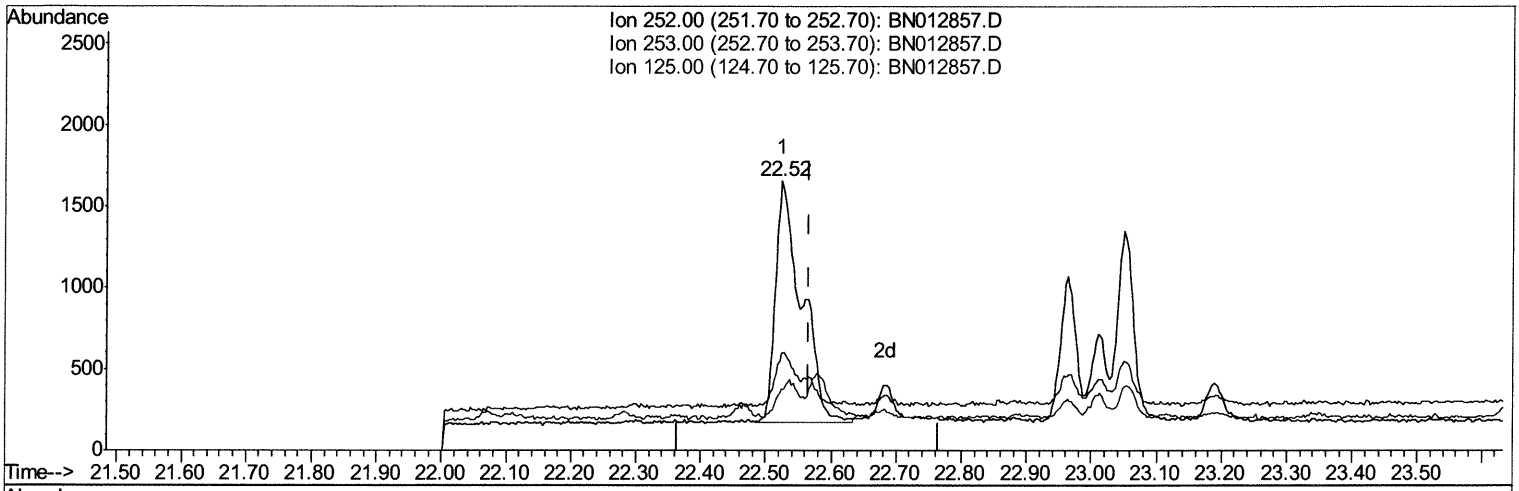
Quantitation Report (Qedit)

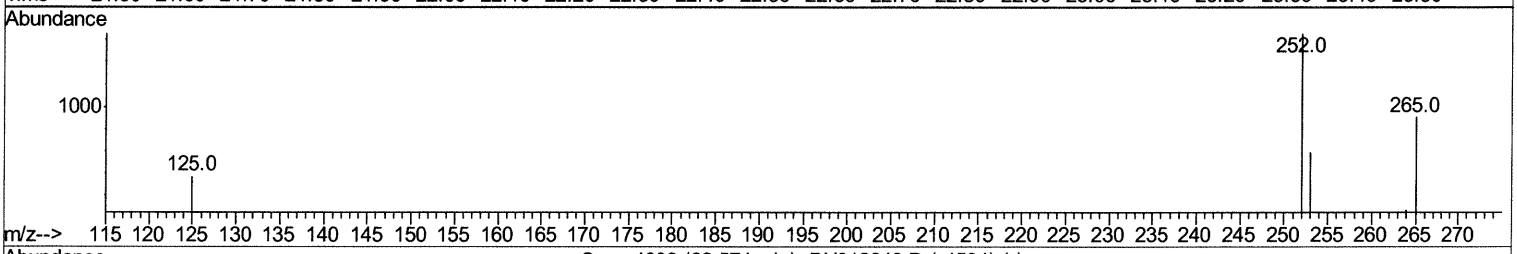
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120320\
Data File : BN012857.D
Acq On : 03 Dec 2020 21:20
Operator : CG/JU
Sample : L4866-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

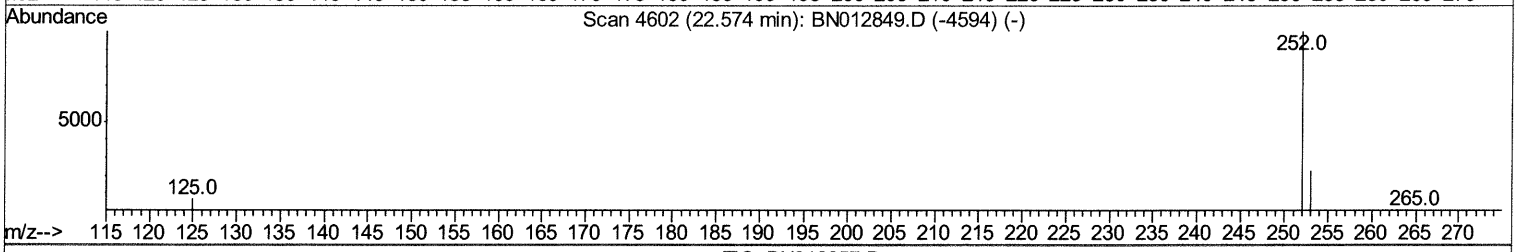
Quant Time: Dec 04 00:34:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 04 00:14:34 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0BC5

Manual Integrations APPROVED
mohammad
12/7/2020 8:51:22 AM







TIC: BN012857.D

(22) Benzo(k)fluoranthene

22.525min (-0.041) 0.31ng/ul

response 4052

Ion	Exp%	Act%
252.00	100	100
253.00	29.30	35.83#
125.00	13.90	22.68#
0.00	0.00	0.00

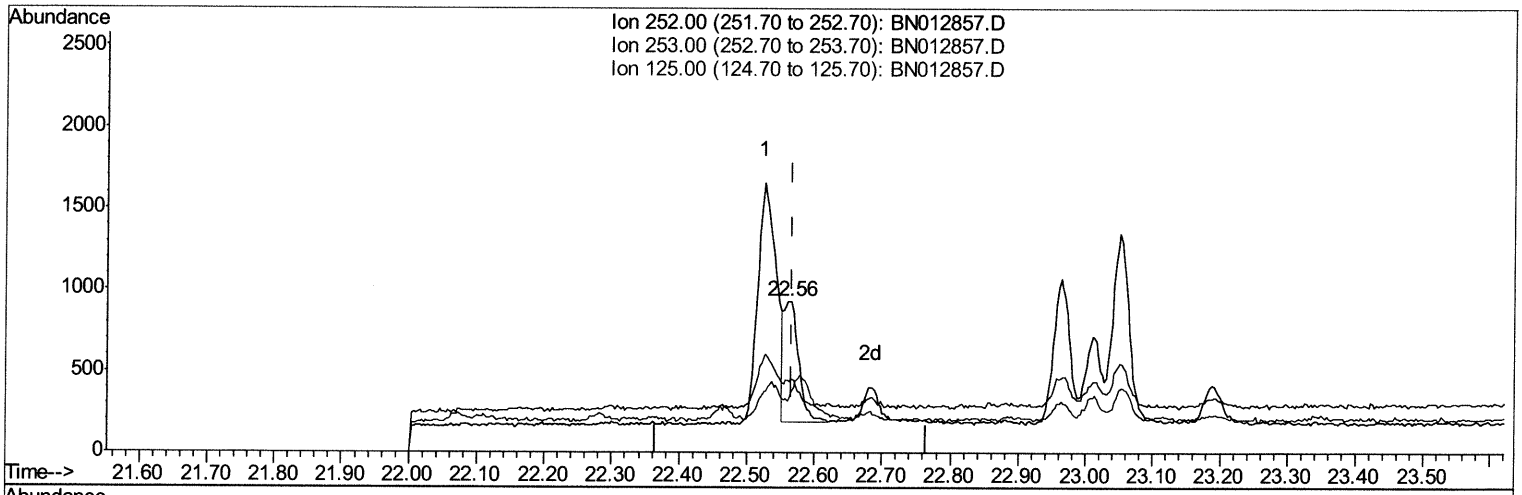
Quantitation Report (Qedit)

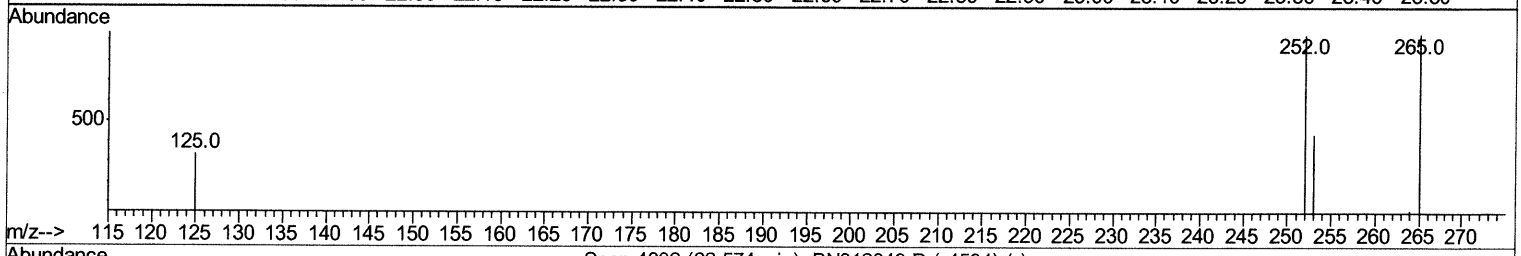
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120320\
Data File : BN012857.D
Acq On : 03 Dec 2020 21:20
Operator : CG/JU
Sample : L4866-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

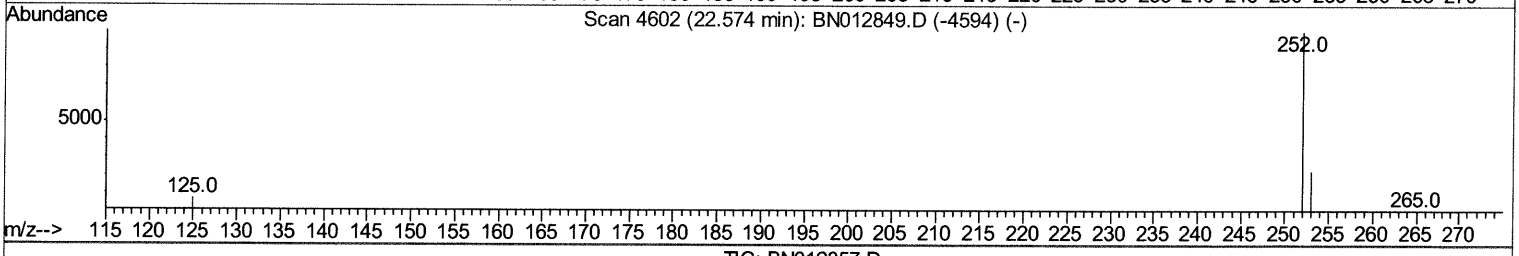
Quant Time: Dec 04 00:34:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 04 00:14:34 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0BC5

Manual Integrations APPROVED
mohammad
12/7/2020 8:51:22 AM







TIC: BN012857.D

(22) Benzo(k)fluoranthene

22.563min (-0.003) 0.09ng/ul m 12/07/20 JU

response 1138

Ion	Exp%	Act%
252.00	100	100
253.00	29.30	47.42#
125.00	13.90	36.02#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120320\
Data File : BN012857.D
Acq On : 03 Dec 2020 21:20
Operator : CG/JU
Sample : L4866-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BC5

Manual Integrations APPROVED
mohammad
12/7/2020 8:51:22 AM

Quant Time: Dec 04 00:37:46 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	571	0.40	ng/ul	0.00
2) Naphthalene-d8	10.16	136	2169	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.07	164	1313	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.82	188	2766m>	0.40	ng/ul>	0.00 12/07/20 JU
16) Chrysene-d12	21.04	240	2278	0.40	ng/ul	0.00
20) Perylene-d12	23.14	264	2563	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.78	152	811	0.25	ng/ul	0.00
14) Fluoranthene-d10	18.86	212	1753	0.23	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.21	128	128	0.020	ng/ul#	34
5) 2-Methylnaphthalene	11.86	142	83	0.020	ng/ul	86
7) Acenaphthylene	13.78	152	166	0.027	ng/ul#	44
12) Phenanthrene	16.86	178	1190	0.128	ng/ul	93
13) Anthracene	16.95	178	215	0.027	ng/ul#	55
15) Fluoranthene	18.89	202	3413	0.310	ng/ul	100
17) Pyrene	19.26	202	3906	0.363	ng/ul#	92
18) Benzo(a)anthracene	21.03	228	1554	0.165	ng/ul	97
19) Chrysene	21.08	228	2009	0.193	ng/ul	97
21) Benzo(b)fluoranthene	22.52	252	2828m }	0.239	ng/ul }	12/07/20 JU
22) Benzo(k)fluoranthene	22.56	252	1138m }	0.087	ng/ul }	
23) Benzo(a)pyrene	23.05	252	2006	0.182	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	25.21	276	1535	0.106	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.21	278	345	0.030	ng/ul#	3
26) Benzo(g,h,i)perylene	25.84	276	1678	0.128	ng/ul#	85

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