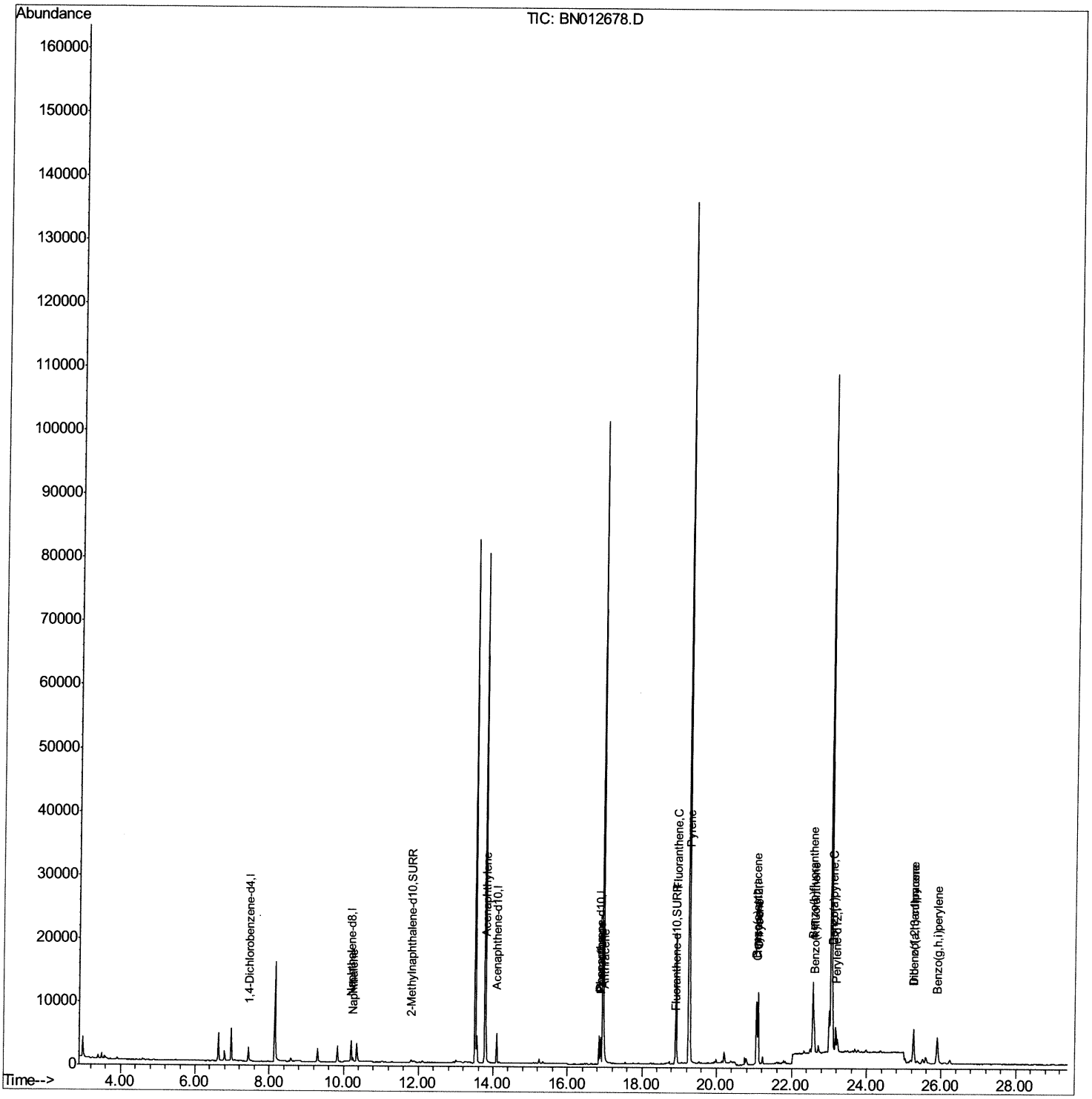
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112020\
Data File : BN012678.D
Acq On : 21 Nov 2020 10:01
Operator : CG/JU
Sample : L4710-12DL 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Nov 23 01:14:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 23 00:58:43 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0B32DL

Manual Integrations APPROVED
mohammad
11/24/2020 8:56:40 AM



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112020\
Data File : BN012678.D
Acq On : 21 Nov 2020 10:01
Operator : CG/JU
Sample : L4710-12DL 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Nov 23 01:00:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 23 00:58:43 2020
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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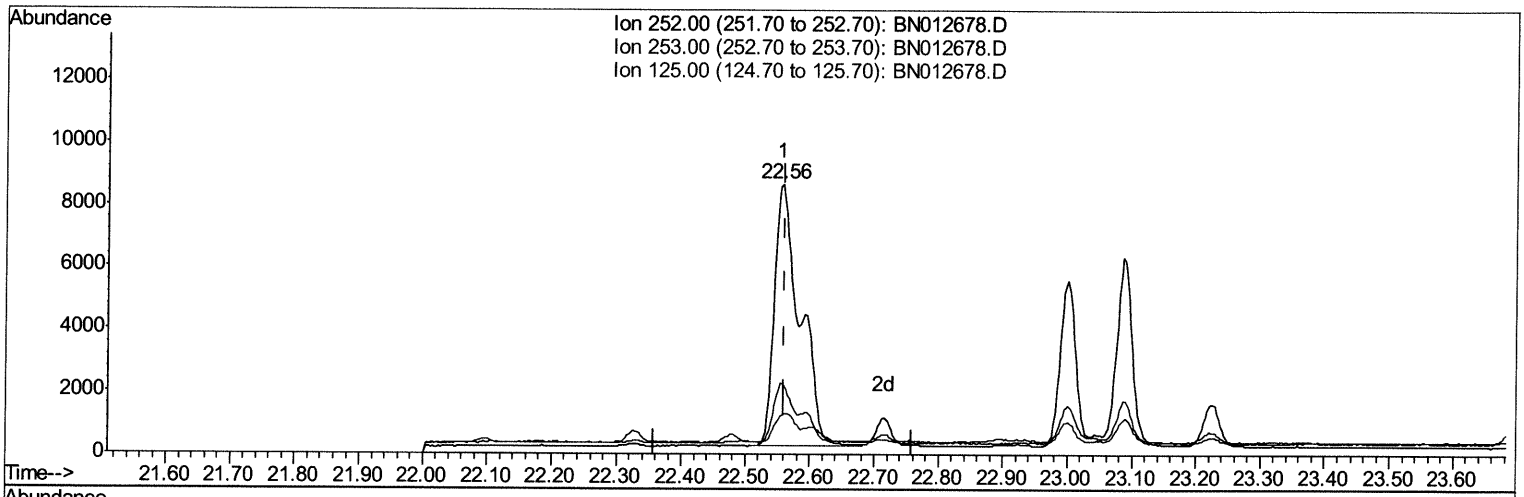
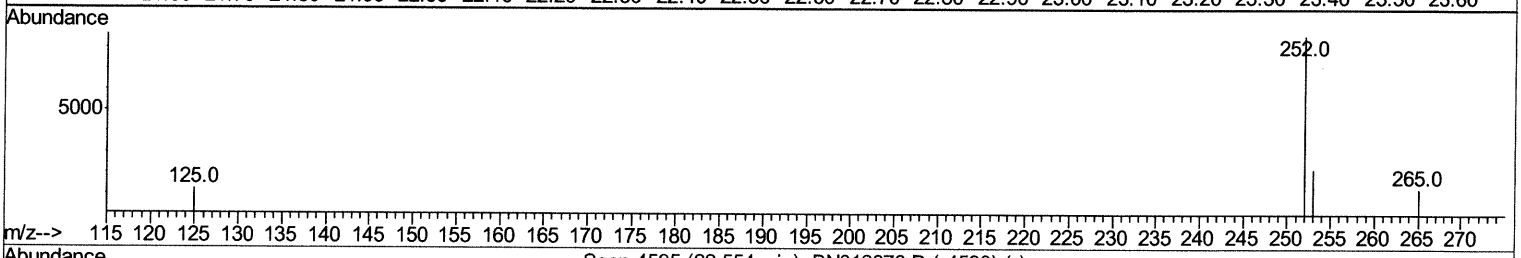
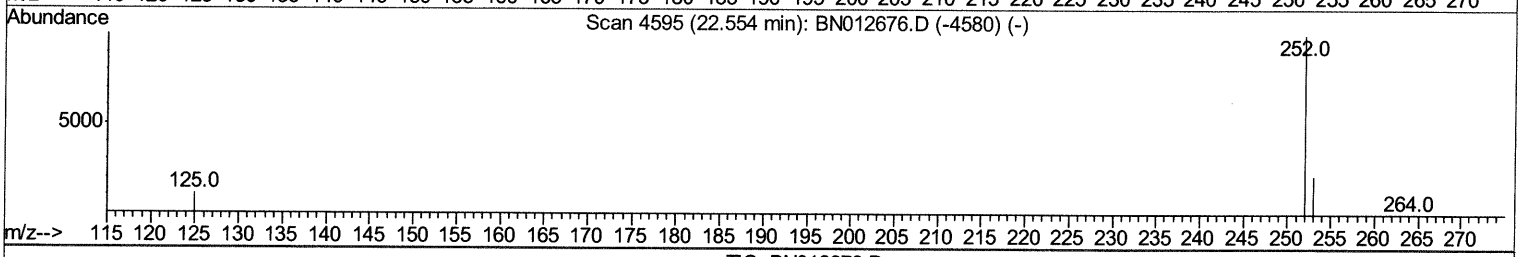
11/24/2020 8:56:40 AM







TIC: BN012678.D

(21) Benzo(b)fluoranthene

22.557min (-0.003) 1.09ng/ul

response 23309

Ion	Exp%	Act%
252.00	100	100
253.00	29.20	26.09
125.00	14.30	14.50
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112020\
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Acq On : 21 Nov 2020 10:01
Operator : CG/JU
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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 23 00:58:43 2020
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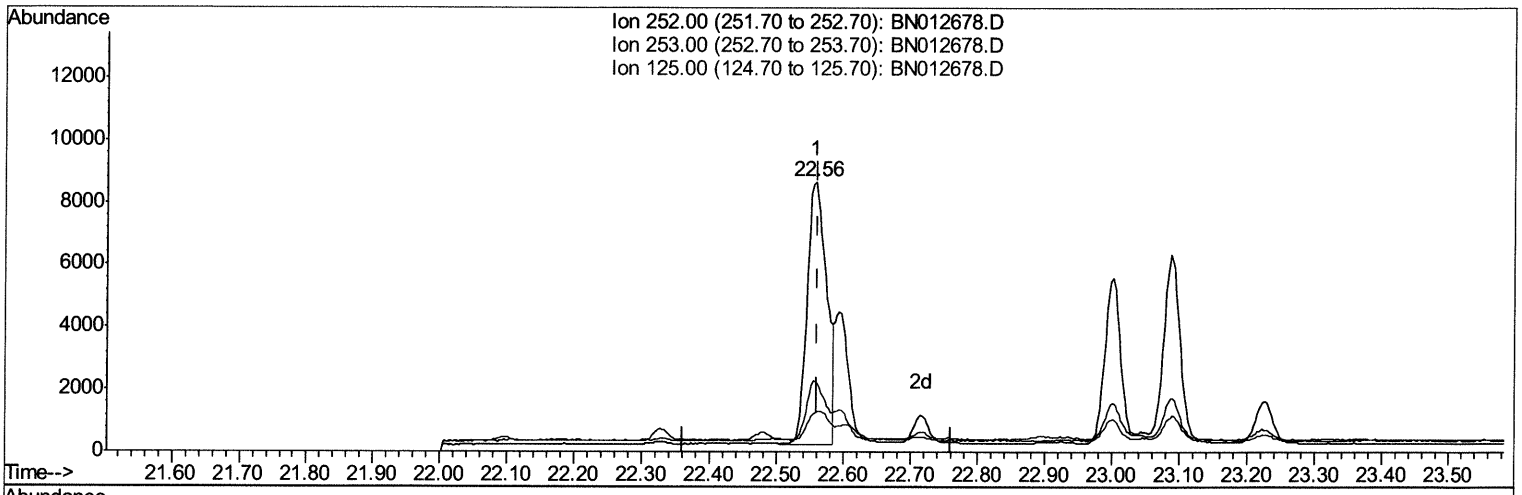
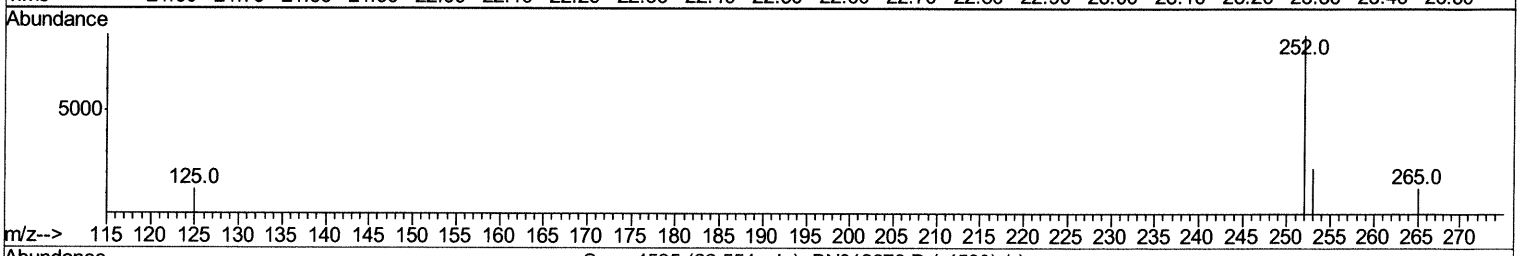
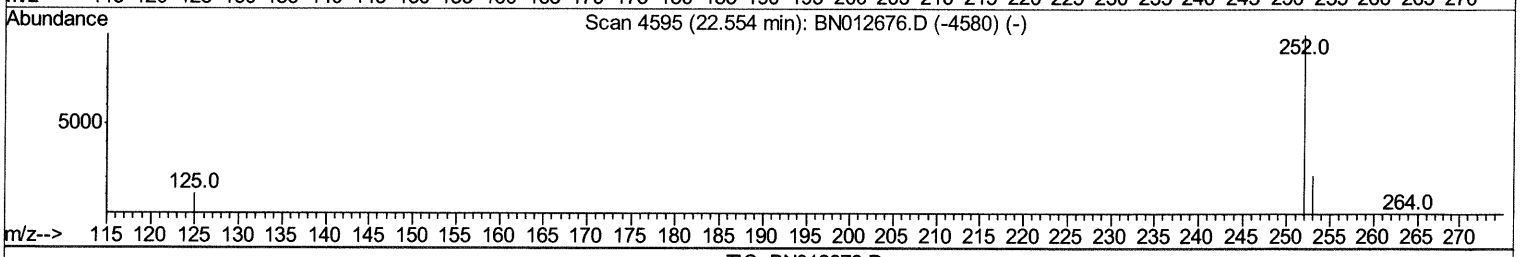
Instrument :
BNA_N
ClientSampleId :
C0B32DL

Manual Integrations APPROVED
mohammad
11/24/2020 8:56:40 AM







TIC: BN012678.D

(21) Benzo(b)fluoranthene

22.557min (-0.003) 0.80ng/ul m 11/27/2020

response 17098

Ion	Exp%	Act%
252.00	100	100
253.00	29.20	26.09
125.00	14.30	14.50
0.00	0.00	0.00

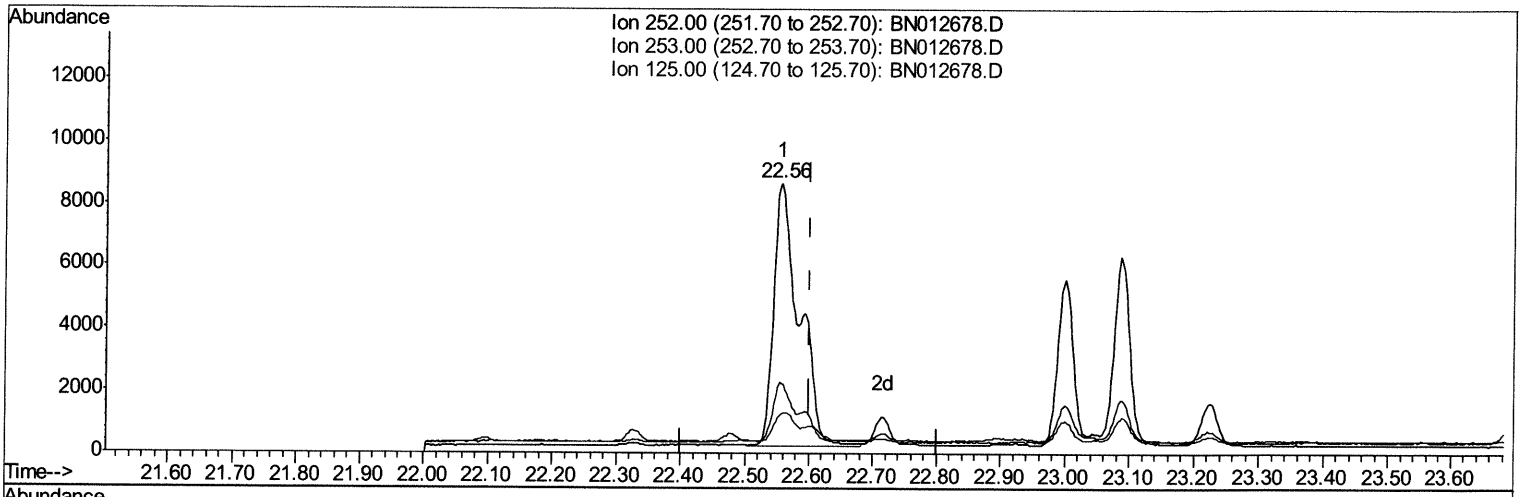
Quantitation Report (Qedit)

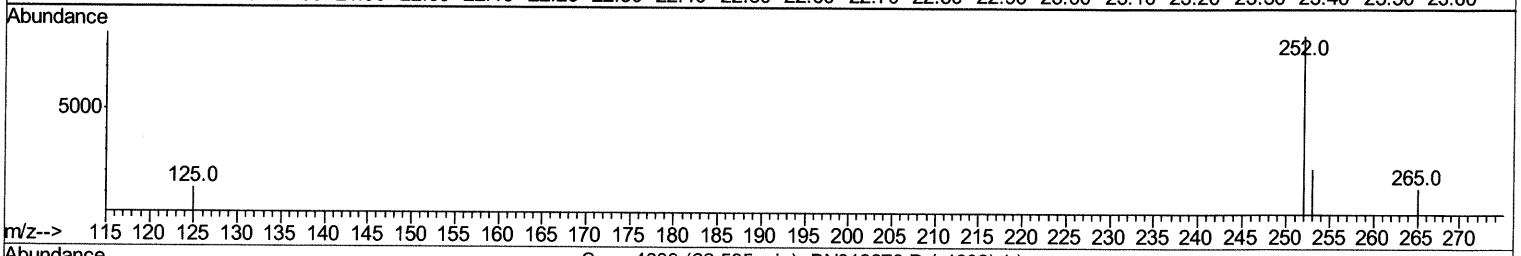
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112020\
Data File : BN012678.D
Acq On : 21 Nov 2020 10:01
Operator : CG/JU
Sample : L4710-12DL 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

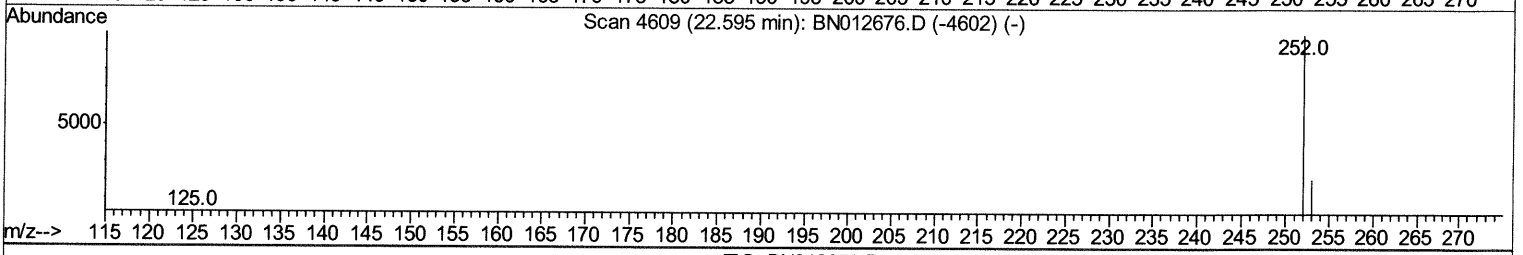
Quant Time: Nov 23 01:12:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 23 00:58:43 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0B32DL

Manual Integrations APPROVED
mohammad
11/24/2020 8:56:40 AM







TIC: BN012678.D

(22) Benzo(k)fluoranthene

22.557min (-0.044) 0.95ng/ul

response 23352

Ion	Exp%	Act%
252.00	100	100
253.00	29.30	26.09
125.00	12.70	14.50
0.00	0.00	0.00

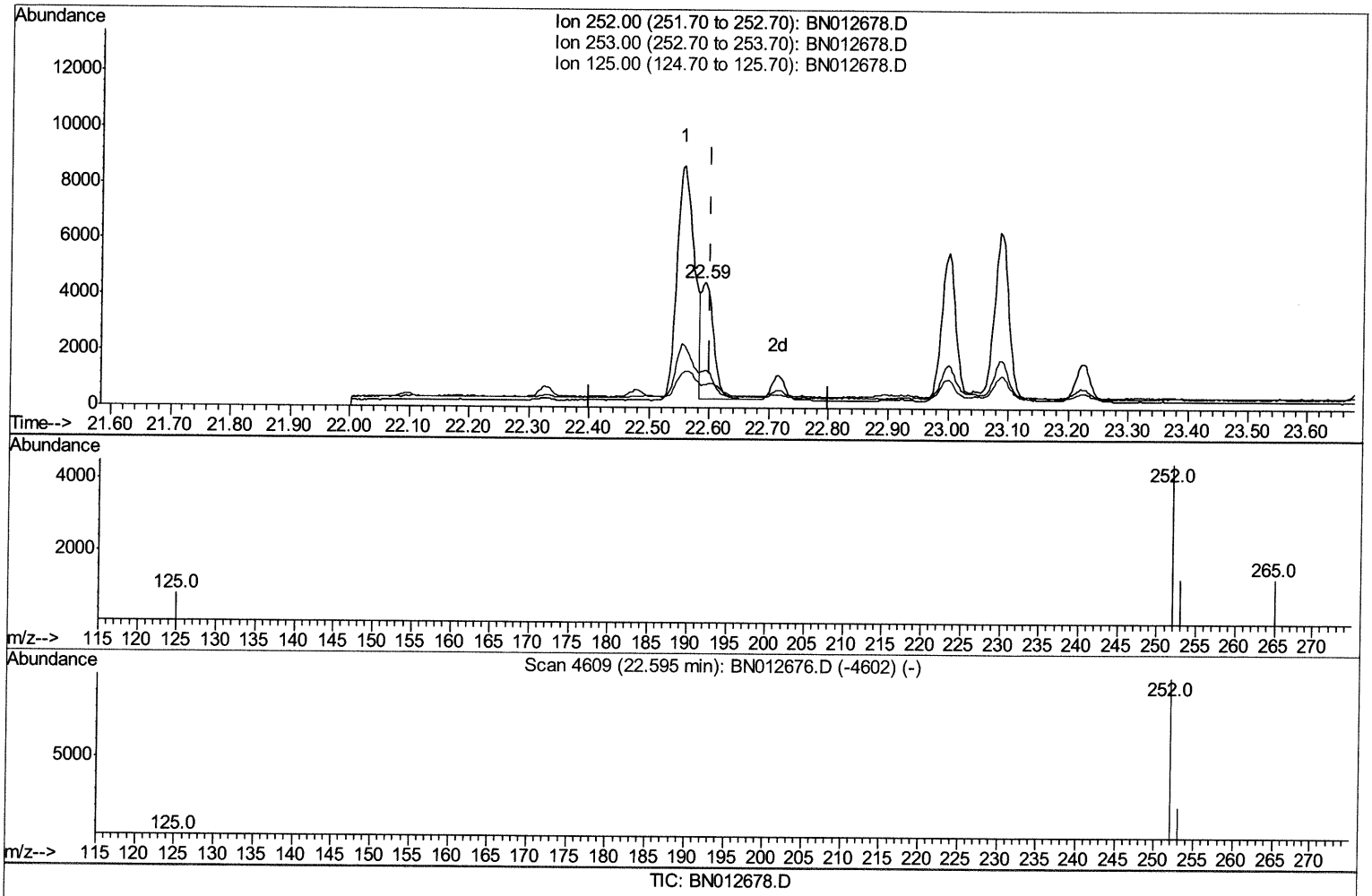
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112020\
Data File : BN012678.D
Acq On : 21 Nov 2020 10:01
Operator : CG/JU
Sample : L4710-12DL 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Nov 23 01:12:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 23 00:58:43 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0B32DL

Manual Integrations APPROVED
mohammad
11/24/2020 8:56:40 AM



TIC: BN012678.D

(22) Benzo(k)fluoranthene

22.592min (-0.009) 0.24ng/ul m 11/21/2020

response 5961

Ion	Exp%	Act%
252.00	100	100
253.00	29.30	29.64
125.00	12.70	18.58#
0.00	0.00	0.00

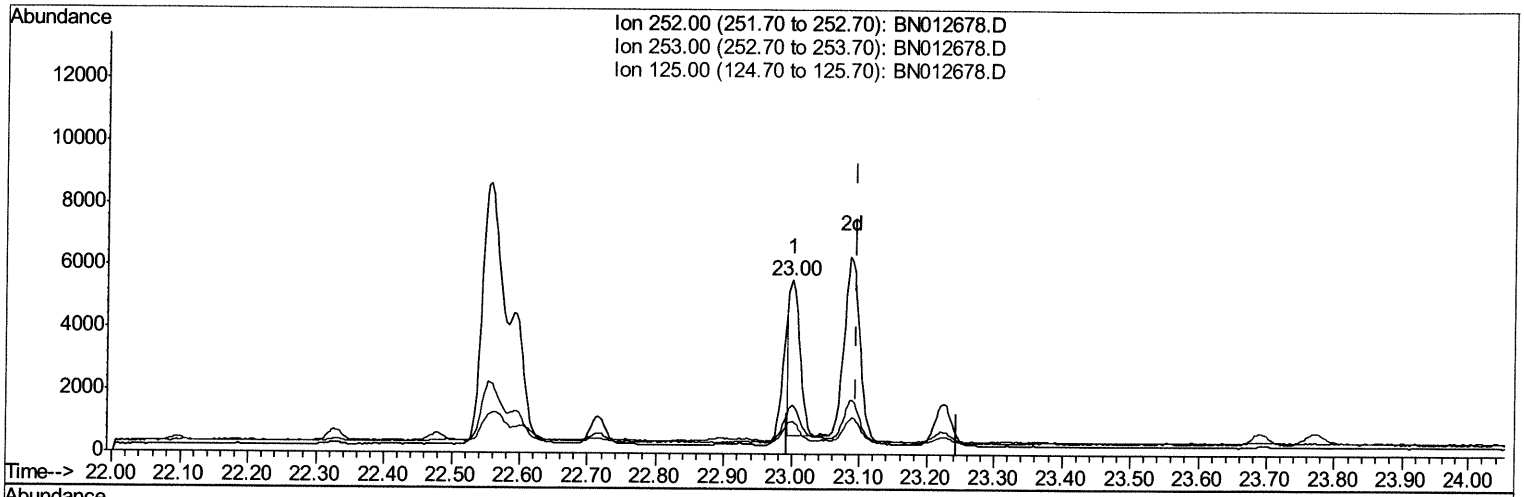
Quantitation Report (Qedit)

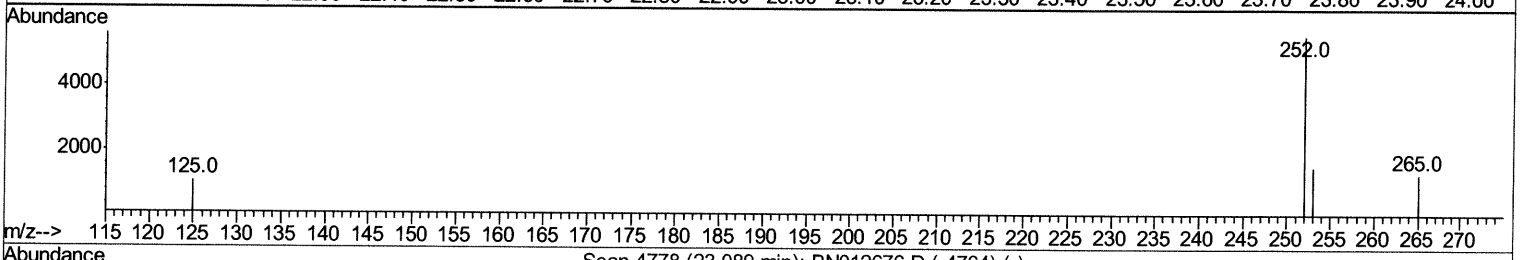
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112020\
Data File : BN012678.D
Acq On : 21 Nov 2020 10:01
Operator : CG/JU
Sample : L4710-12DL 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

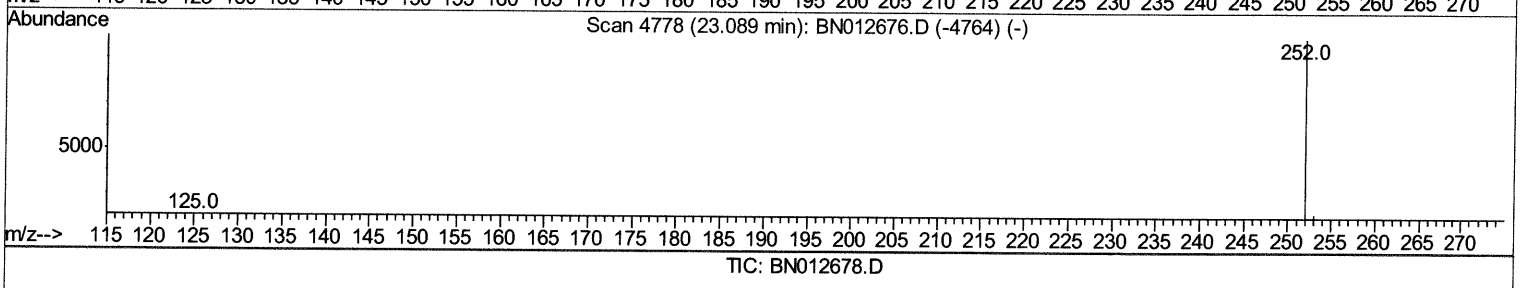
Quant Time: Nov 23 01:13:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 23 00:58:43 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0B32DL

Manual Integrations APPROVED
mohammad
11/24/2020 8:56:40 AM







TIC: BN012678.D

(23) Benzo(a)pyrene (C)

23.001min (-0.094) 0.28ng/ul

response 5623

Ion	Exp%	Act%
252.00	100	100
253.00	34.50	28.17
125.00	21.20	19.29
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112020\
Data File : BN012678.D
Acq On : 21 Nov 2020 10:01
Operator : CG/JU
Sample : L4710-12DL 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Nov 23 01:13:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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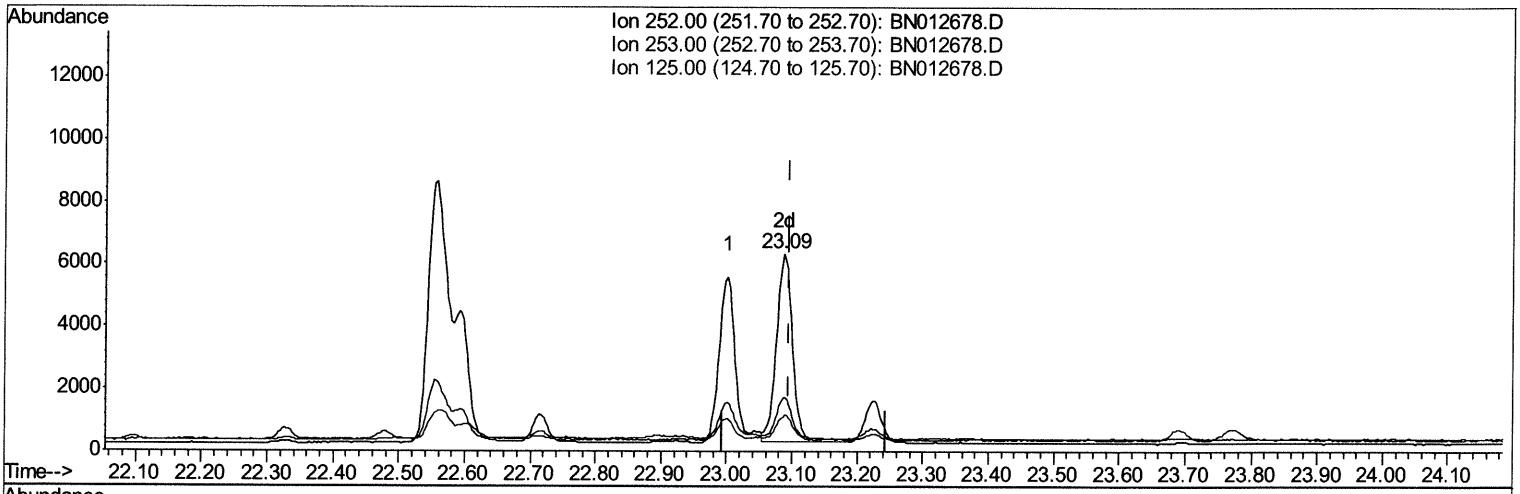
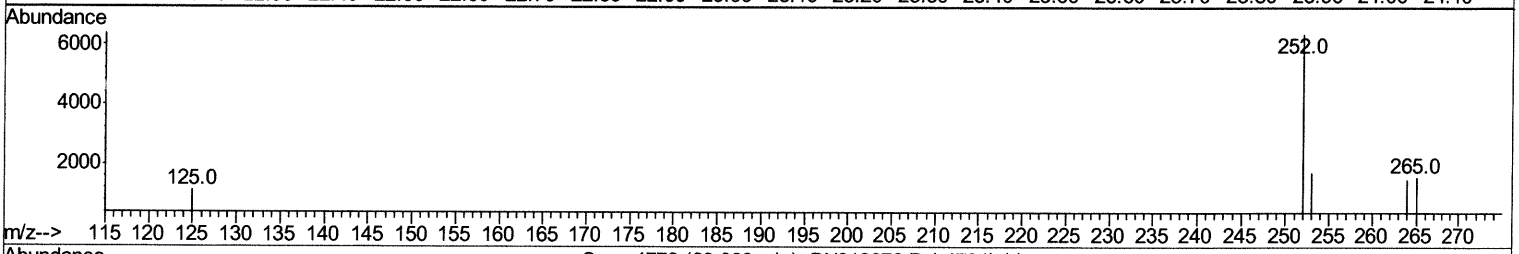
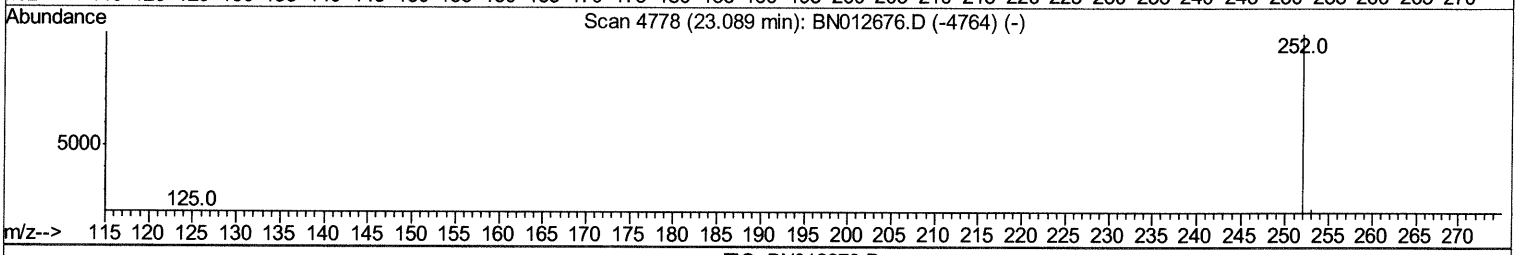
Instrument :
BNA_N
ClientSampleId :
C0B32DL

Manual Integrations APPROVED
mohammad
11/24/2020 8:56:40 AM







TIC: BN012678.D

(23) Benzo(a)pyrene (C)

23.086min (-0.009) 0.51ng/ul m 11/27/20 JU

response 10299

Ion	Exp%	Act%
252.00	100	100
253.00	34.50	27.21#
125.00	21.20	17.64
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112020\
Data File : BN012678.D
Acq On : 21 Nov 2020 10:01
Operator : CG/JU
Sample : L4710-12DL 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0B32DL

Manual Integrations APPROVED
mohammad
11/24/2020 8:56:40 AM

Quant Time: Nov 23 01:14:41 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	1103	0.40	ng/ul	0.00
2) Naphthalene-d8	10.20	136	4579	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.10	164	2519	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.85	188	5209	0.40	ng/ul	0.00
16) Chrysene-d12	21.06	240	4533	0.40	ng/ul	0.00
20) Perylene-d12	23.18	264	4657	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.81	152	566	0.09	ng/ul	-0.01
14) Fluoranthene-d10	18.89	212	1389	0.10	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.25	128	772	0.056	ng/ul#	85
7) Acenaphthylene	13.81	152	290	0.024	ng/ul#	61
12) Phenanthrene	16.89	178	4440	0.245	ng/ul	99
13) Anthracene	16.98	178	664	0.042	ng/ul#	83
15) Fluoranthene	18.92	202	17598	0.841	ng/ul	99
17) Pyrene	19.28	202	15961	0.787	ng/ul#	95
18) Benzo(a)anthracene	21.05	228	7991	0.492	ng/ul	99
19) Chrysene	21.10	228	11640	0.574	ng/ul	99
21) Benzo(b)fluoranthene	22.56	252	17098m	0.798	ng/ul	
22) Benzo(k)fluoranthene	22.59	252	5961m	0.241	ng/ul	11/27/2020
23) Benzo(a)pyrene	23.09	252	10299m	0.511	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.26	276	8368	0.317	ng/ul	97
25) Dibenzo(a,h)anthracene	25.27	278	1886	0.089	ng/ul#	70
26) Benzo(g,h,i)perylene	25.89	276	8065	0.340	ng/ul	97

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