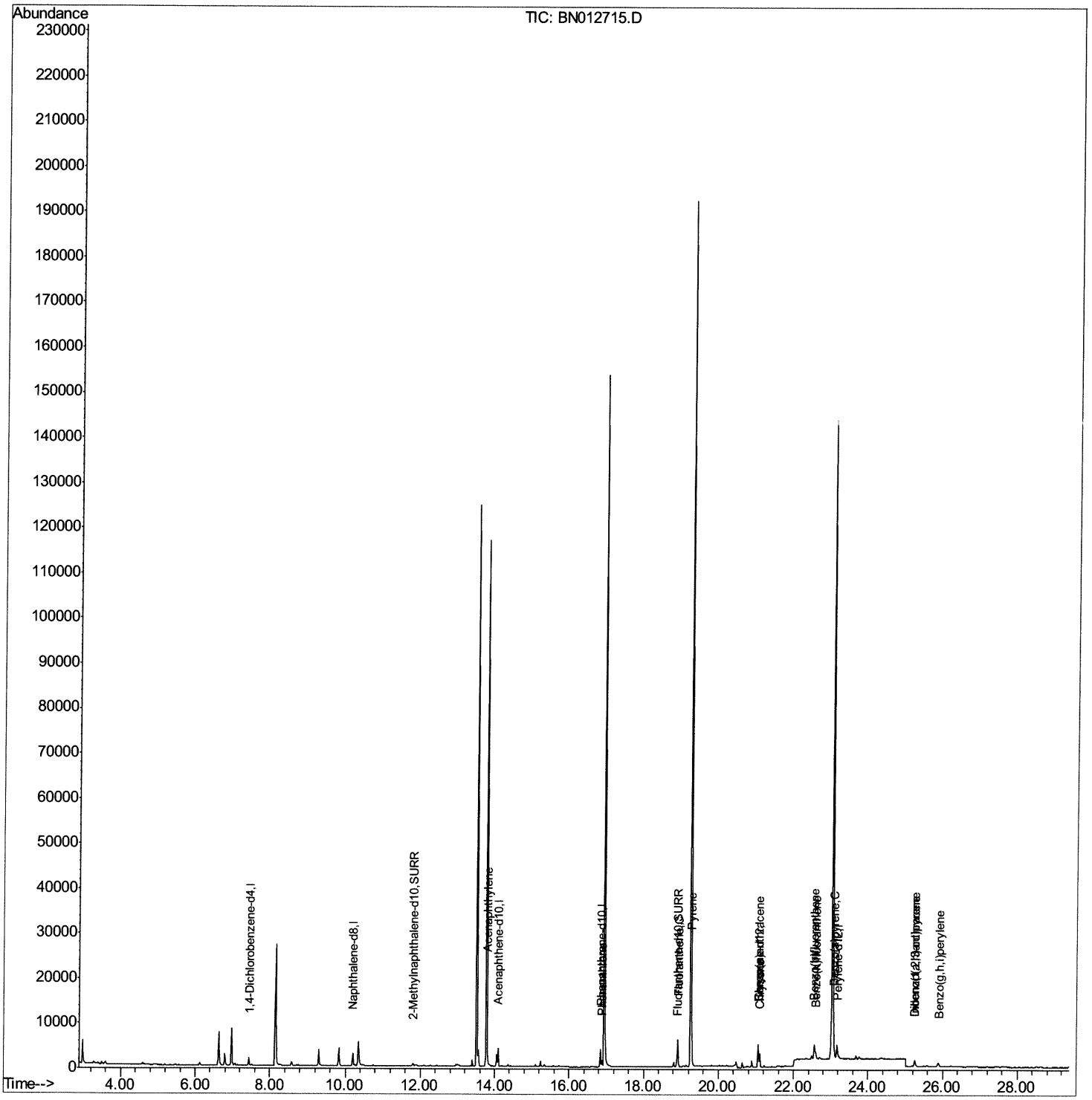
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN112420\
Data File : BN012715.D
Acq On : 24 Nov 2020 14:16
Operator : CG/JU
Sample : L4751-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 24 14:51:03 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 : Tue Nov 24 11:59:48 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0BG0

Manual Integrations APPROVED
mohammad
11/25/2020 1:20:47 PM



Quantitation Report (Qedit)

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Manual Integrations APPROVED
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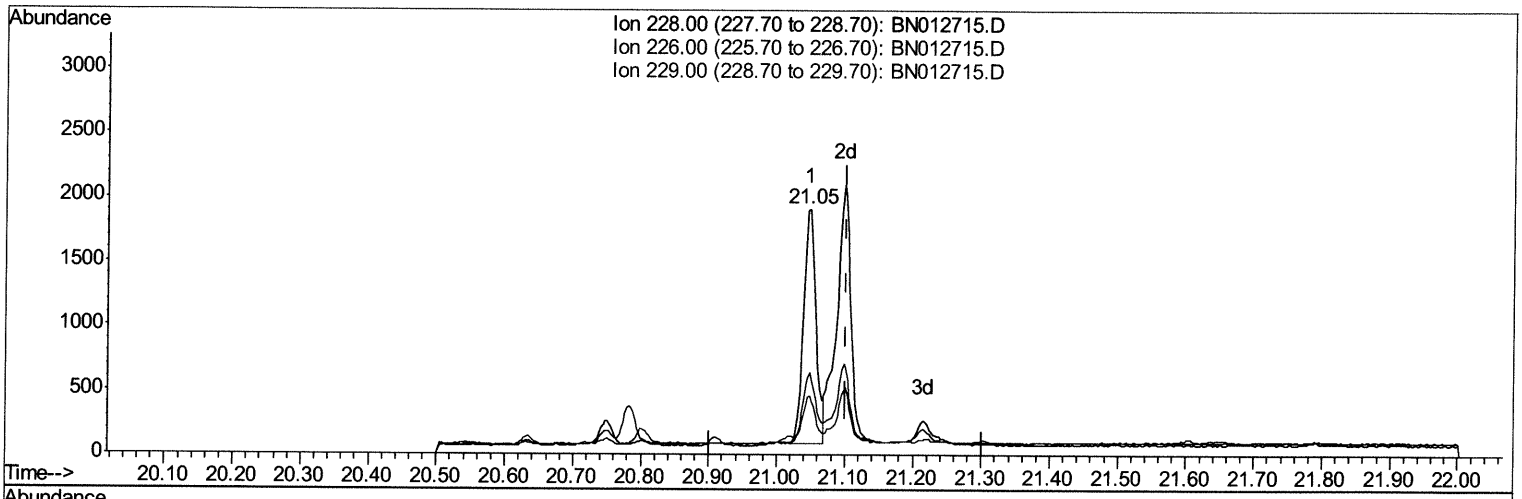

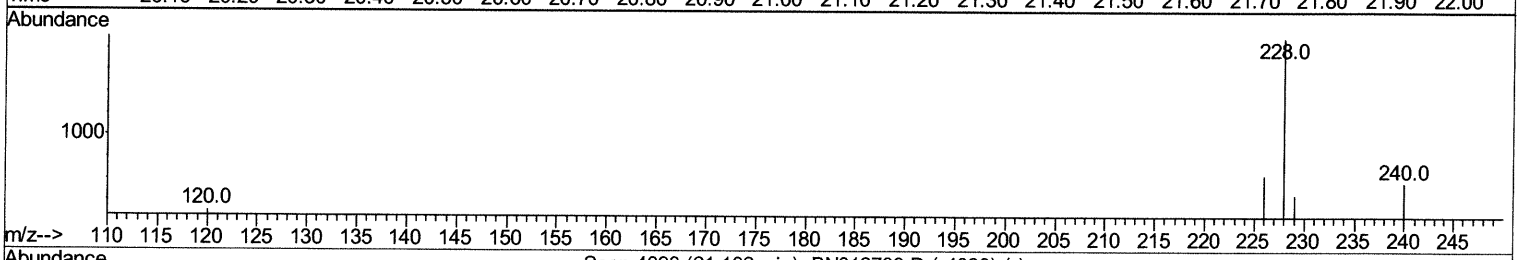

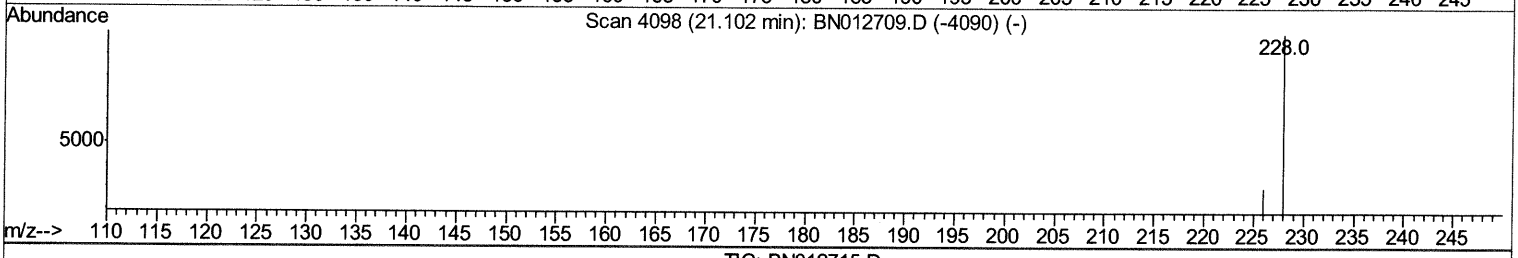

TIC: BN012715.D

(19) Chrysene

21.048min (-0.053) 0.15ng/ul

response 2357

Ion	Exp%	Act%
228.00	100	100
226.00	30.50	33.49
229.00	20.10	24.02
0.00	0.00	0.00

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Instrument :
BNA_N
ClientSampleId :
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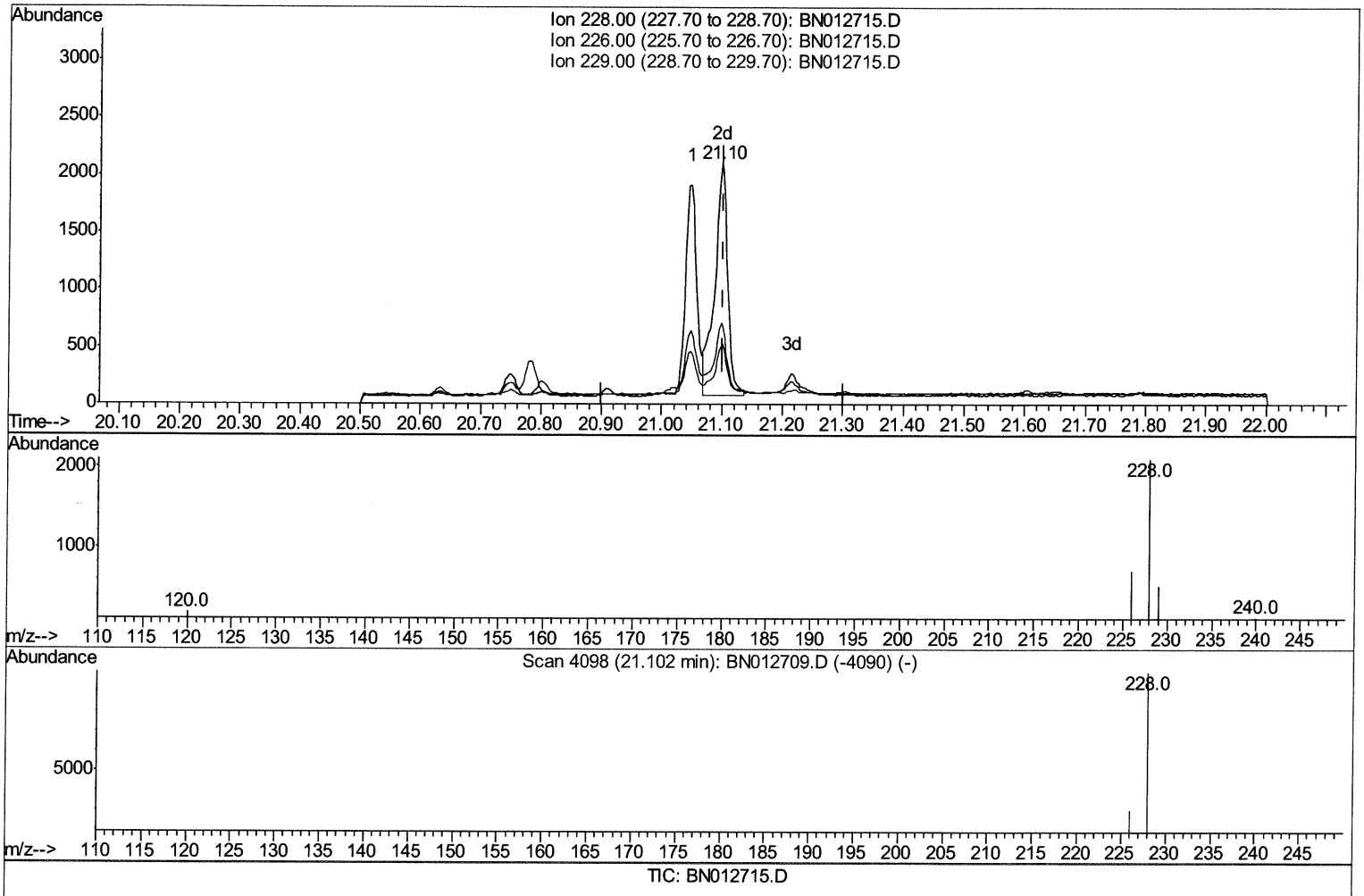
Manual Integrations APPROVED
mohammad
11/25/2020 1:20:47 PM



TIC: BN012715.D

(19) Chrysene

21.098min (-0.004) 0.19ng/ul m 11/25/20 SG

response 3010

Ion	Exp%	Act%
228.00	100	100
226.00	30.50	33.48
229.00	20.10	24.29#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 24 Nov 2020 14:16
Operator : CG/JU
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Misc :
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Quant Time: Nov 24 14:48:16 2020
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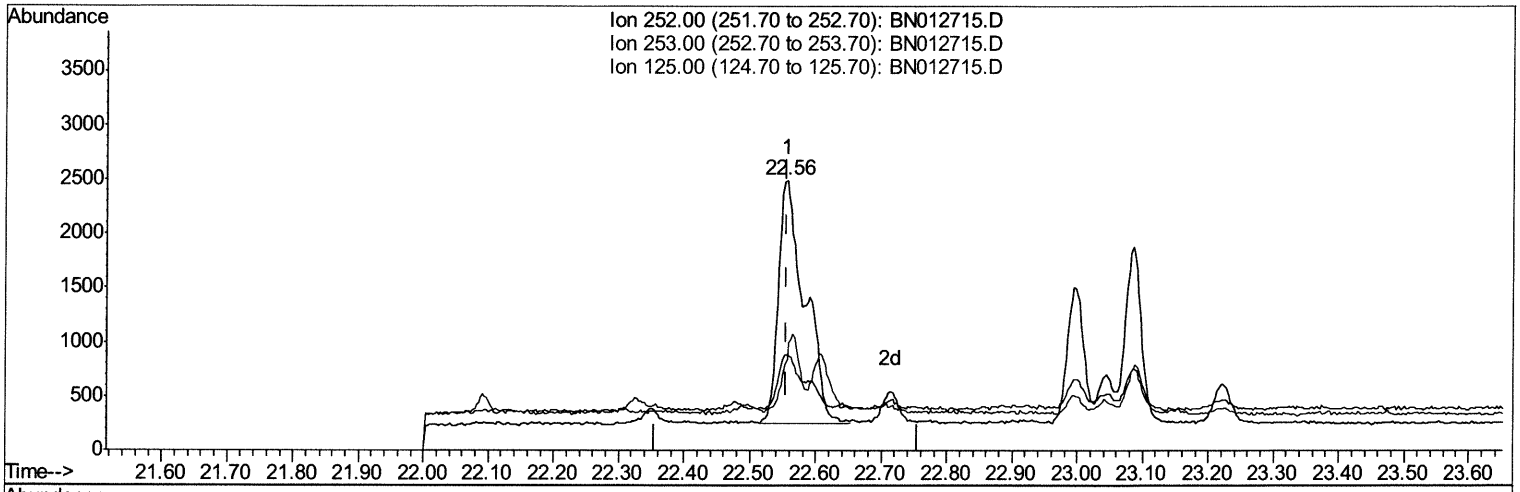
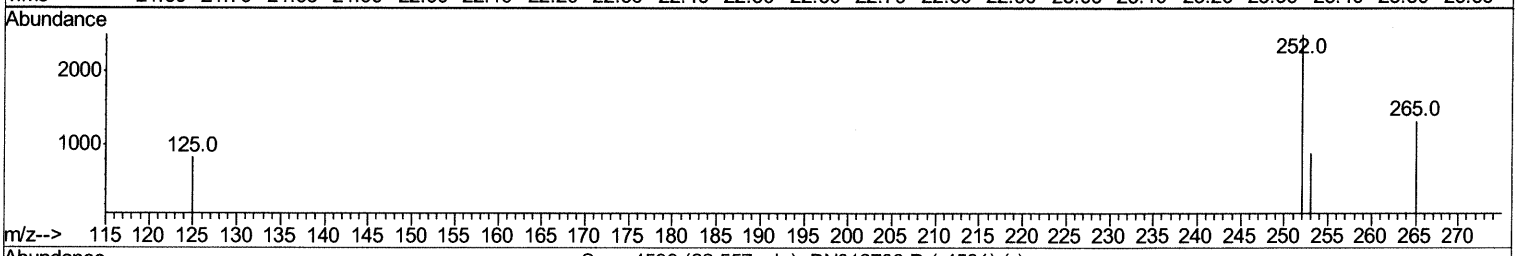
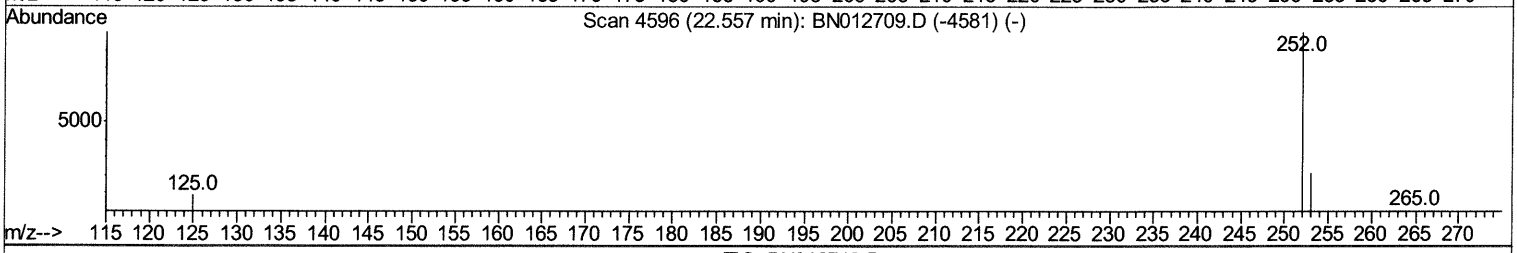
BNA_N
ClientSampleId :
C0BG0

Manual Integrations APPROVED
mohammad
11/25/2020 1:20:47 PM







TIC: BN012715.D

(21) Benzo(b)fluoranthene

22.556min (-0.001) 0.35ng/ul

response 6203

Ion	Exp%	Act%
252.00	100	100
253.00	29.20	35.49
125.00	14.30	33.68#
0.00	0.00	0.00

Quantitation Report (Qedit)

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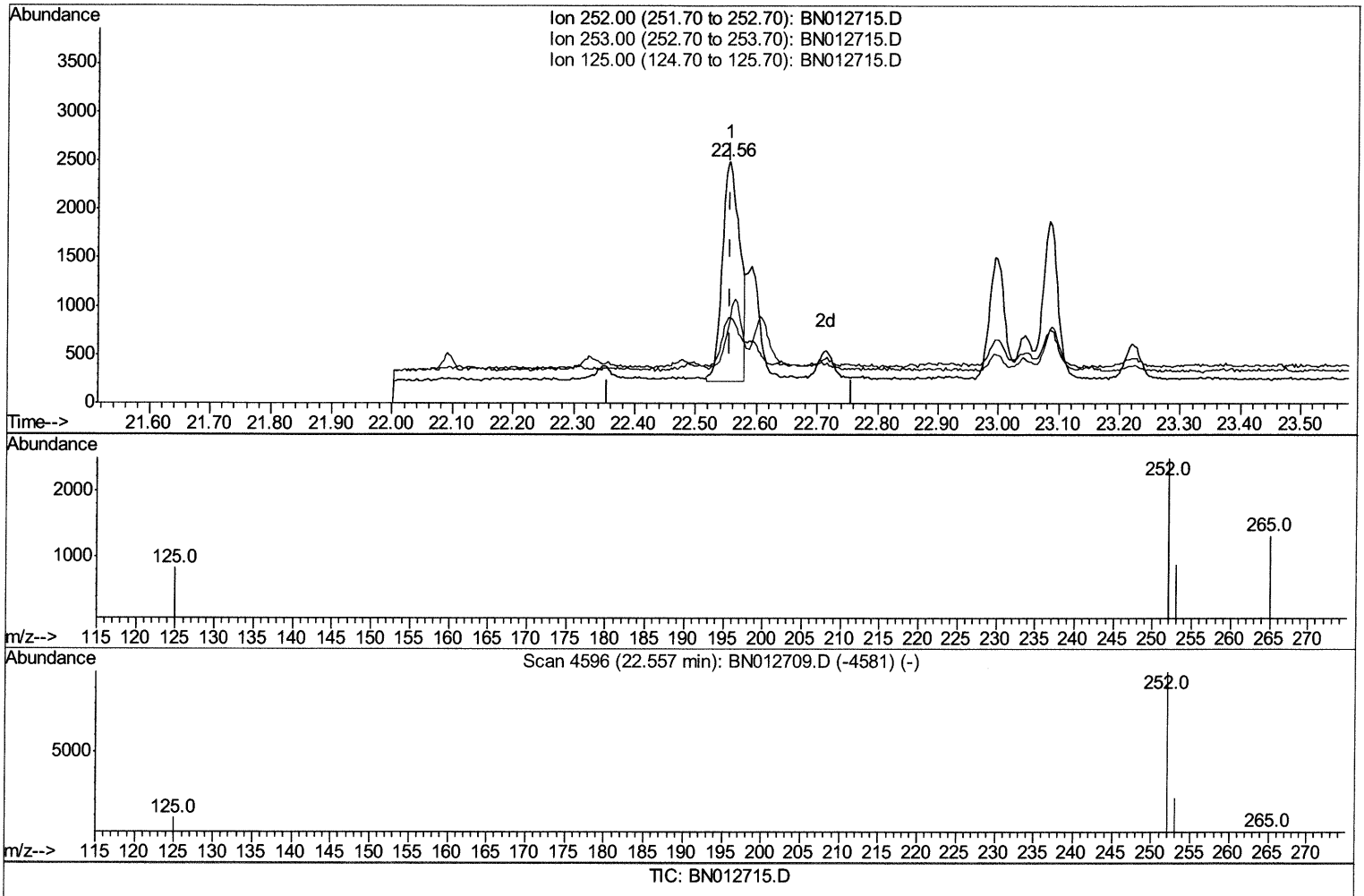
Acq On : 24 Nov 2020 14:16
Operator : CG/JU
Sample : L4751-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 24 14:48:16 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 : Tue Nov 24 11:59:48 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0BG0

Manual Integrations APPROVED
mohammad
11/25/2020 1:20:47 PM



TIC: BN012715.D

(21) Benzo(b)fluoranthene

22.556min (-0.001) 0.26ng/ul m 11/25/20 JU

response 4521

Ion	Exp%	Act%
252.00	100	100
253.00	29.20	35.49
125.00	14.30	33.68#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN112420\
Data File : BN012715.D
Acq On : 24 Nov 2020 14:16
Operator : CG/JU
Sample : L4751-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 24 14:48:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
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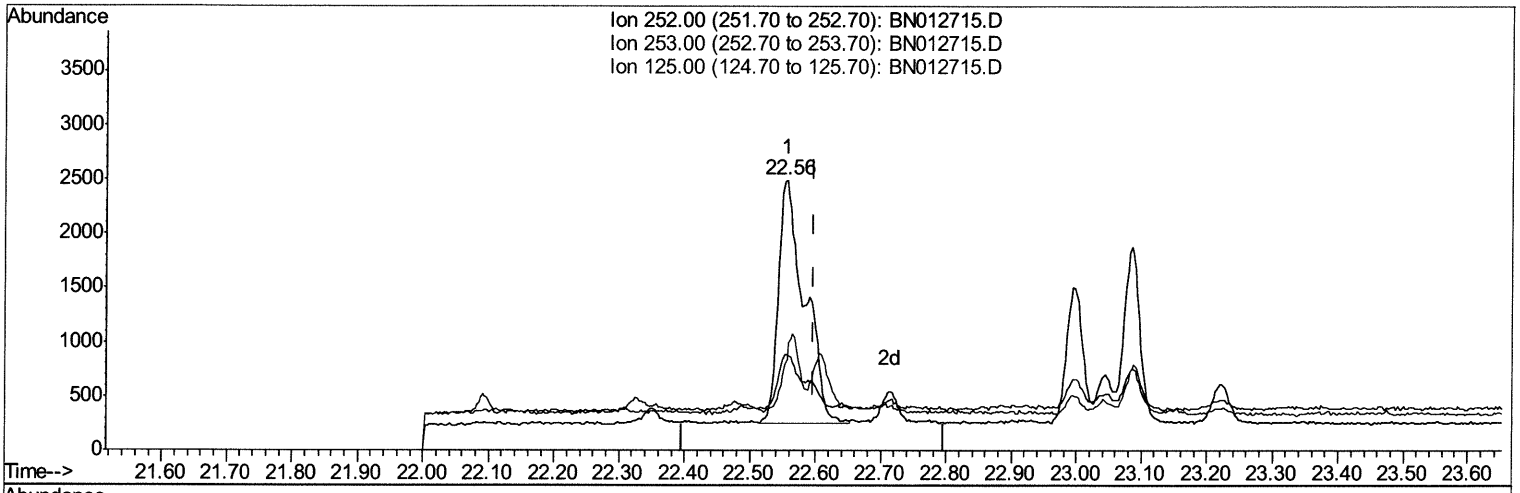
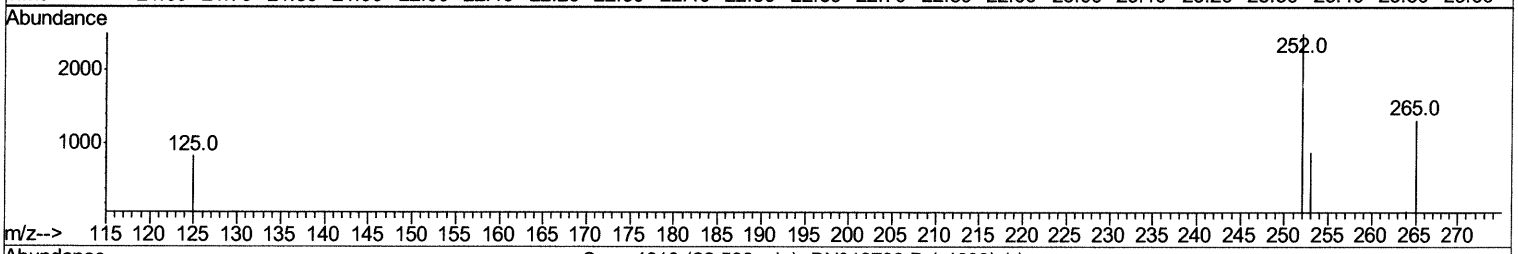
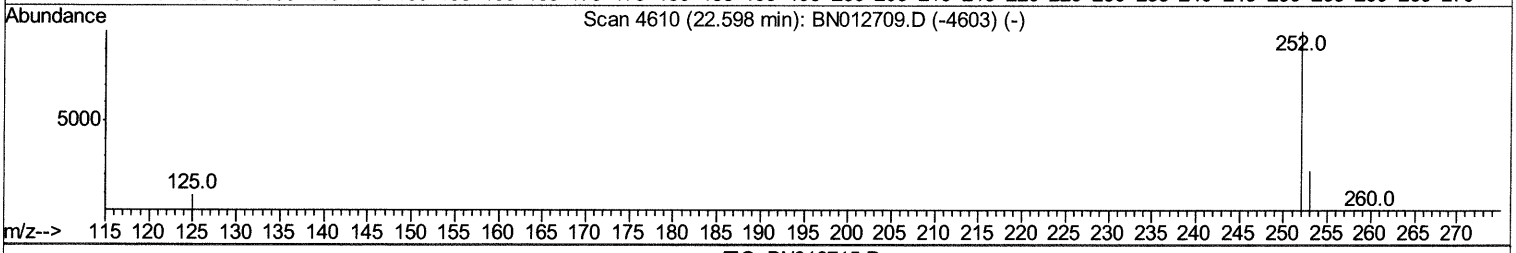
Instrument :
BNA_N
ClientSampleId :
C0BG0

Manual Integrations APPROVED
mohammad
11/25/2020 1:20:47 PM







TIC: BN012715.D

(22) Benzo(k)fluoranthene

22.556min (-0.042) 0.30ng/ul

response 6203

Ion	Exp%	Act%
252.00	100	100
253.00	29.30	35.49#
125.00	12.70	33.68#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : CG/JU
Sample : L4751-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 24 14:48:16 2020
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Instrument :
BNA_N
ClientSampleId :
C0BG0

Manual Integrations APPROVED
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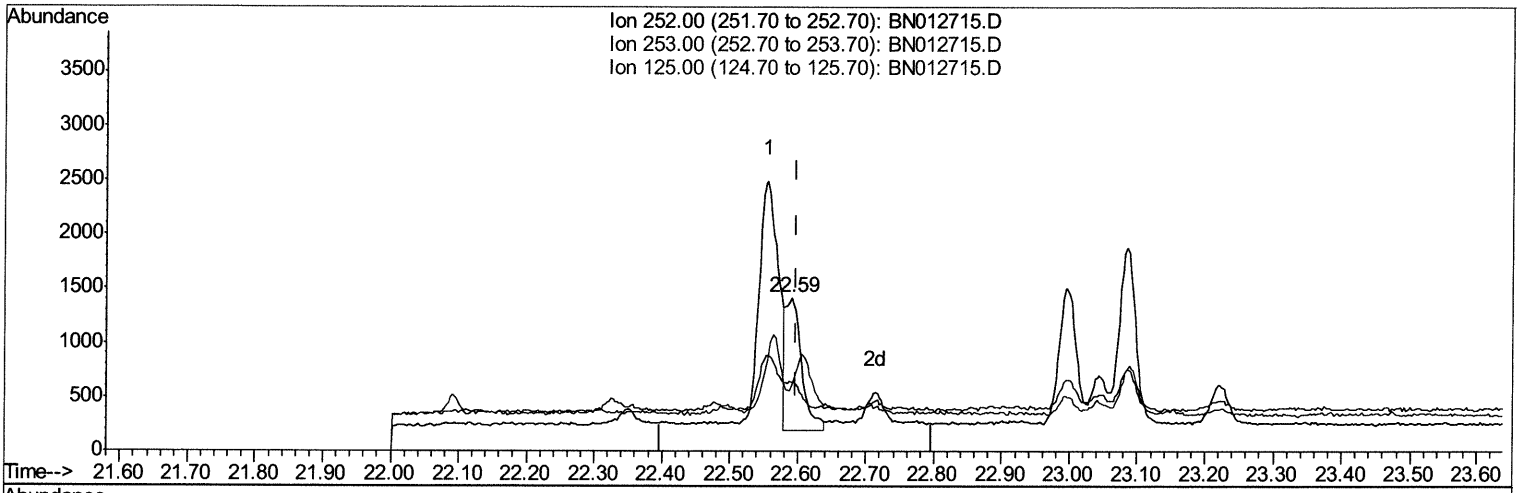

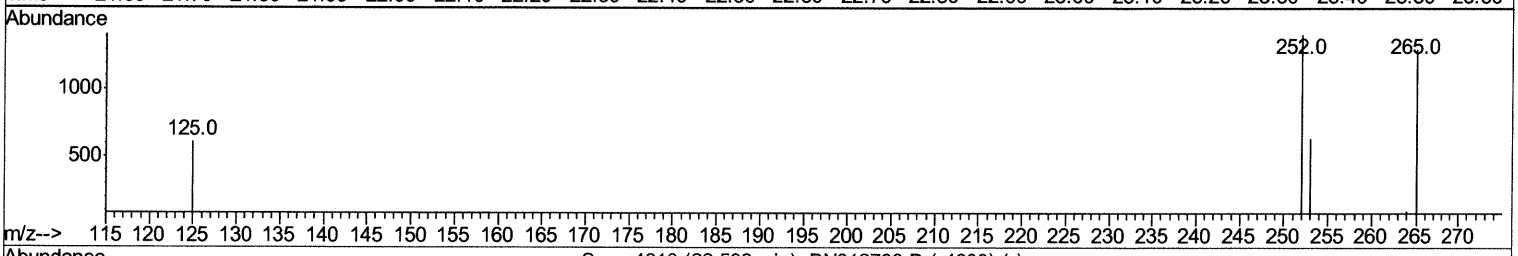

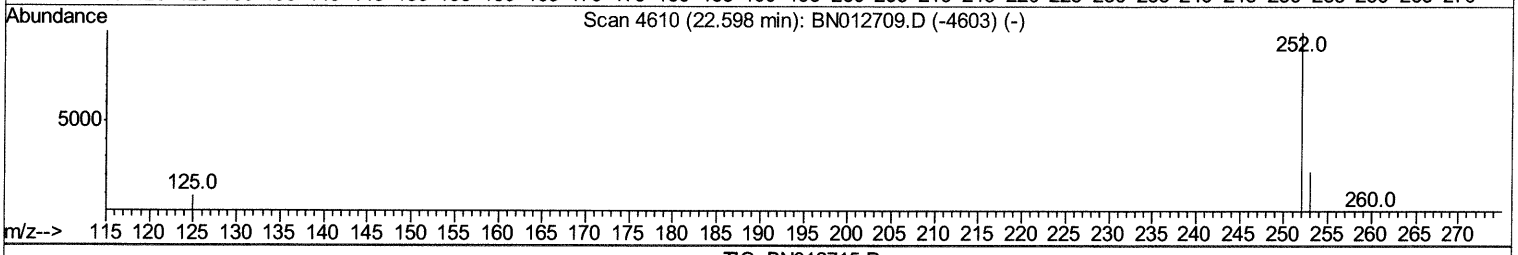

TIC: BN012715.D

(22) Benzo(k)fluoranthene

22.591min (-0.007) 0.10ng/ul m 11/25/20 JU

response 1973

Ion	Exp%	Act%
252.00	100	100
253.00	29.30	45.09#
125.00	12.70	43.32#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual Integrations APPROVED
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11/25/2020 1:20:47 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	882	0.40	ng/ul	0.00
2) Naphthalene-d8	10.20	136	3718	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.10	164	2213	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.85	188	4428	0.40	ng/ul	0.00
16) Chrysene-d12	21.06	240	3603	0.40	ng/ul	0.00
20) Perylene-d12	23.18	264	3841	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.81	152	731	0.14	ng/ul	0.00
14) Fluoranthene-d10	18.89	212	1736	0.15	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	13.81	152	241	0.022	ng/ul#	44
12) Phenanthrene	16.89	178	1579	0.102	ng/ul	94
15) Fluoranthene	18.92	202	5274	0.296	ng/ul	98
17) Pyrene	19.28	202	4985	0.309	ng/ul#	91
18) Benzo(a)anthracene	21.05	228	2356	0.182	ng/ul	92
19) Chrysene	21.10	228	3010m	0.187	ng/ul	
21) Benzo(b)fluoranthene	22.56	252	4521m	0.256	ng/ul	
22) Benzo(k)fluoranthene	22.59	252	1973m	0.097	ng/ul	
23) Benzo(a)pyrene	23.08	252	2803	0.169	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	25.26	276	2149	0.099	ng/ul#	89
25) Dibenzo(a,h)anthracene	25.26	278	501	0.029	ng/ul#	3
26) Benzo(g,h,i)perylene	25.89	276	2030	0.104	ng/ul#	82

11/25/20 JU

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