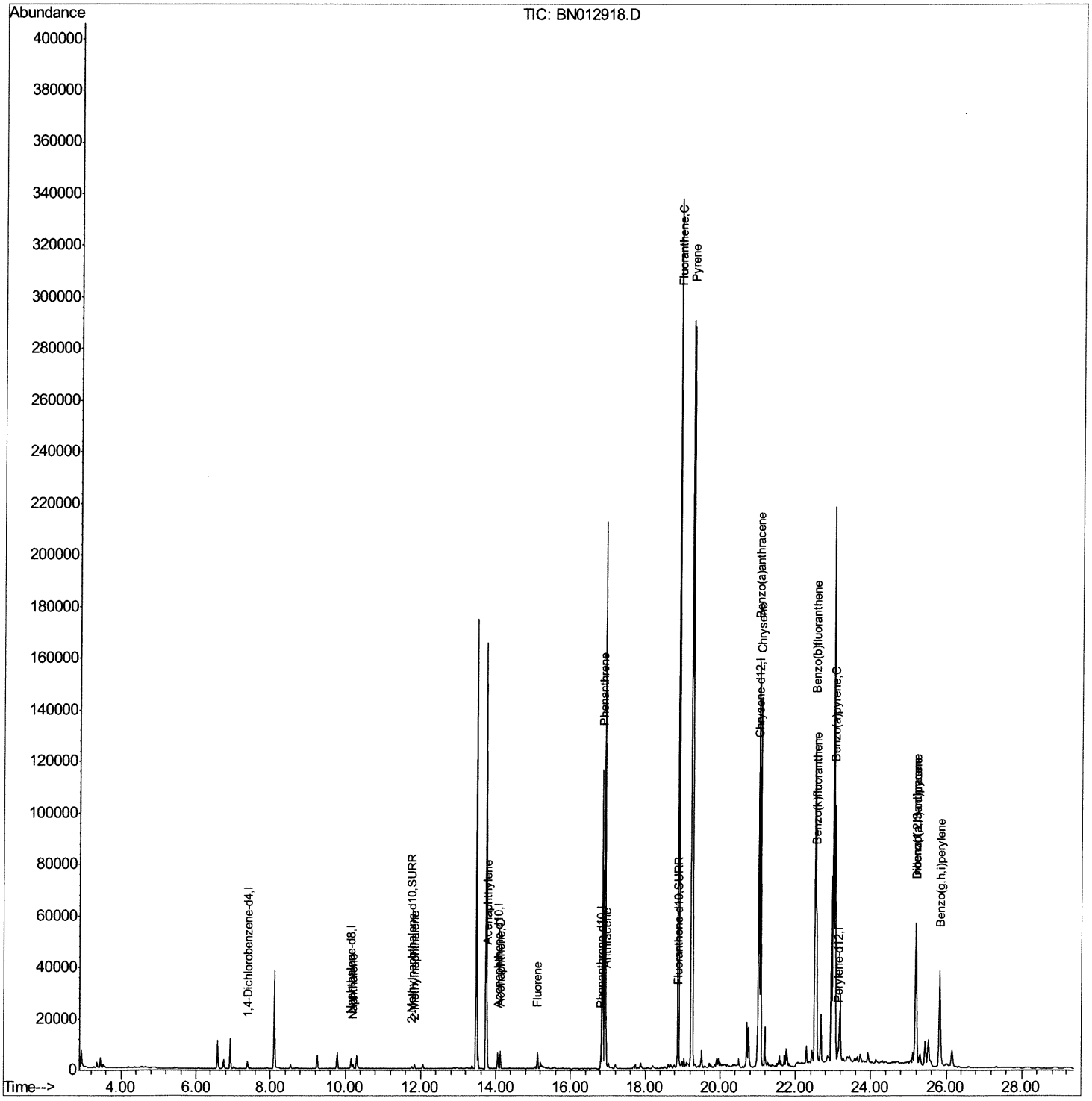
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120620\
Data File : BN012918.D
Acq On : 06 Dec 2020 15:29
Operator : CG/JU
Sample : L4859-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Dec 07 03:19:10 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 : Mon Dec 07 03:06:53 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0B26

Manual Integrations APPROVED
mohammad
12/7/2020 2:11:36 PM



Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120620\
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Acq On : 06 Dec 2020 15:29
Operator : CG/JU
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ClientSampleId :
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Manual Integrations APPROVED
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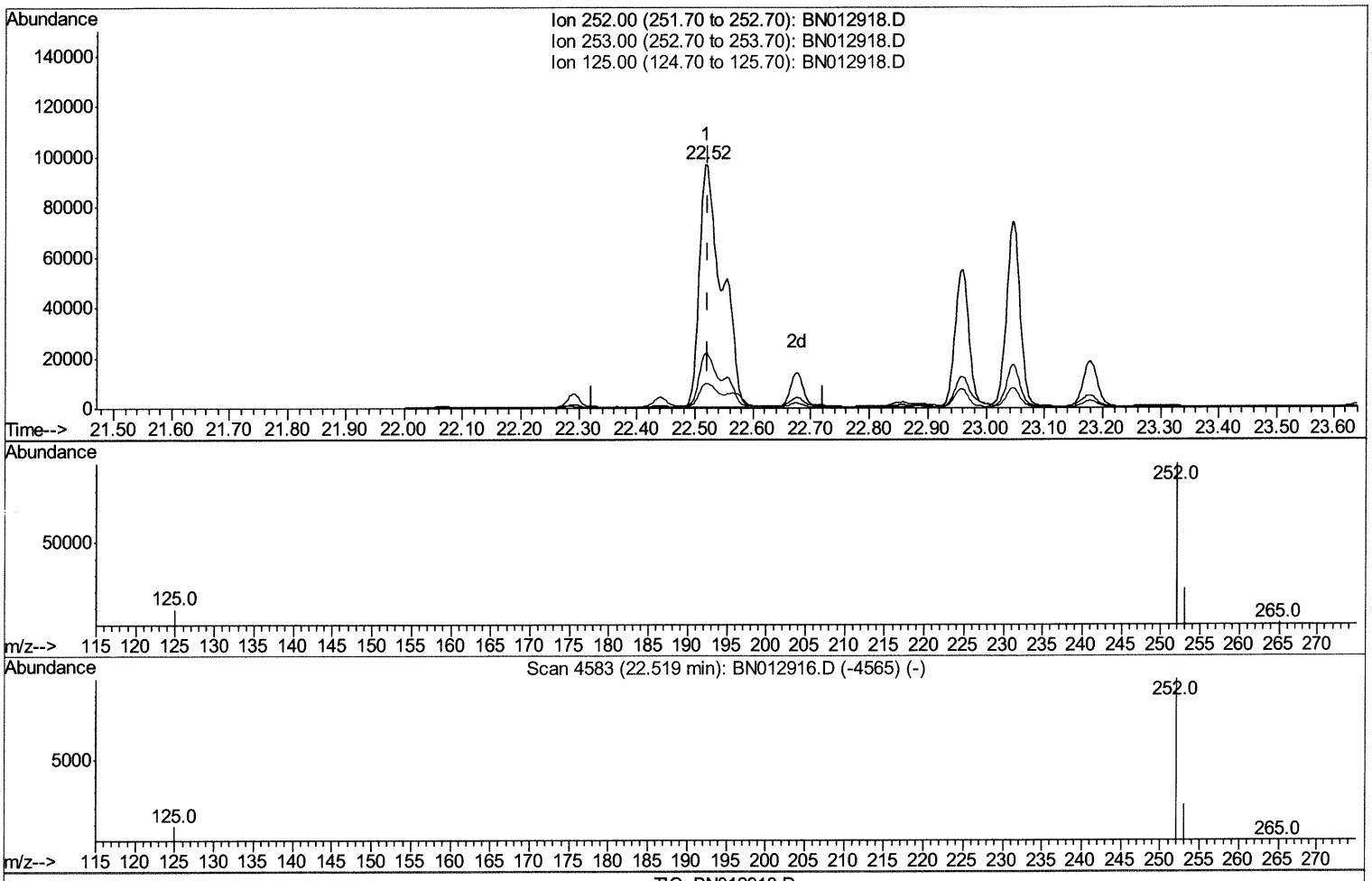

TIC: BN012918.D

(21) Benzo(b)fluoranthene

22.518min (-0.004) 9.53ng/ul

response 260338

Ion	Exp%	Act%
252.00	100	100
253.00	29.80	22.50
125.00	13.00	9.94
0.00	0.00	0.00

Quantitation Report (Qedit)

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ClientSampleId :
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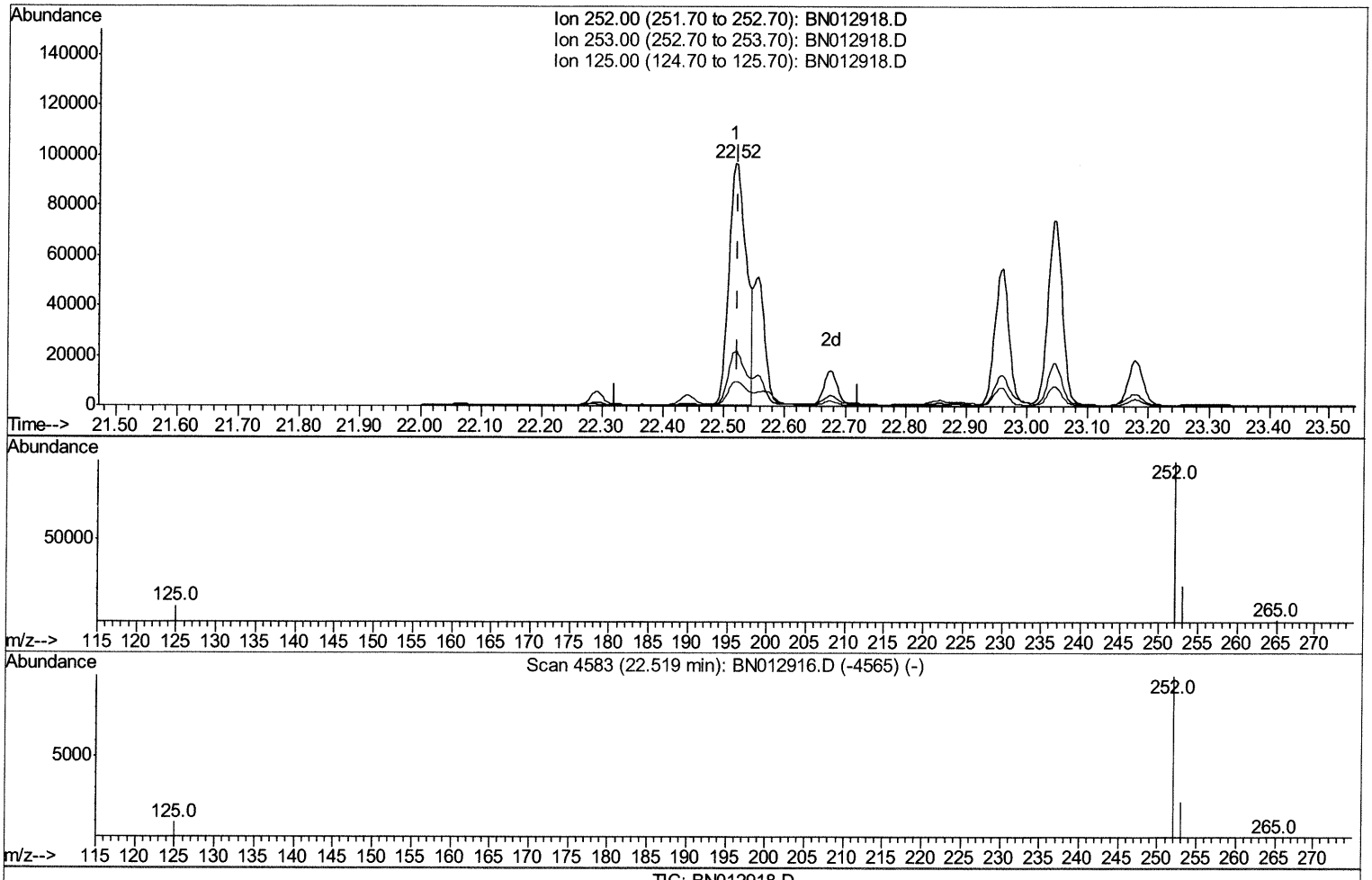
Manual Integrations APPROVED
mohammad
12/7/2020 2:11:36 PM



TIC: BN012918.D

(21) Benzo(b)fluoranthene

22.518min (-0.004) 6.95ng/ul m 12/09/2020

response 189948

Ion	Exp%	Act%
252.00	100	100
253.00	29.80	22.50
125.00	13.00	9.94
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120620\
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ALS Vial : 32 Sample Multiplier: 1

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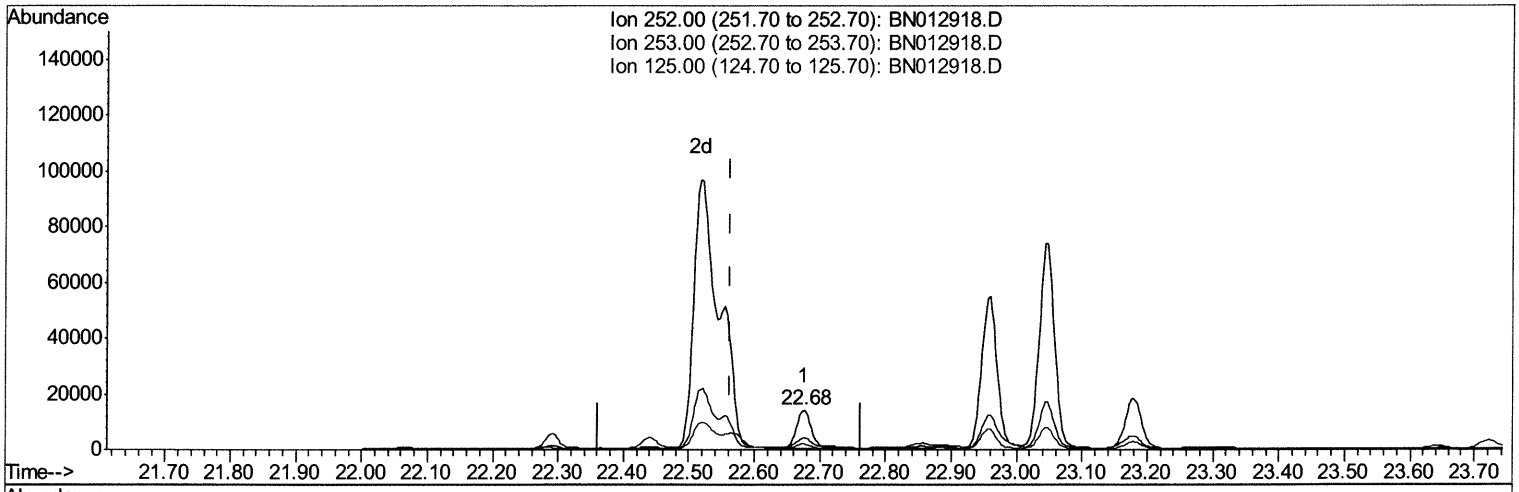
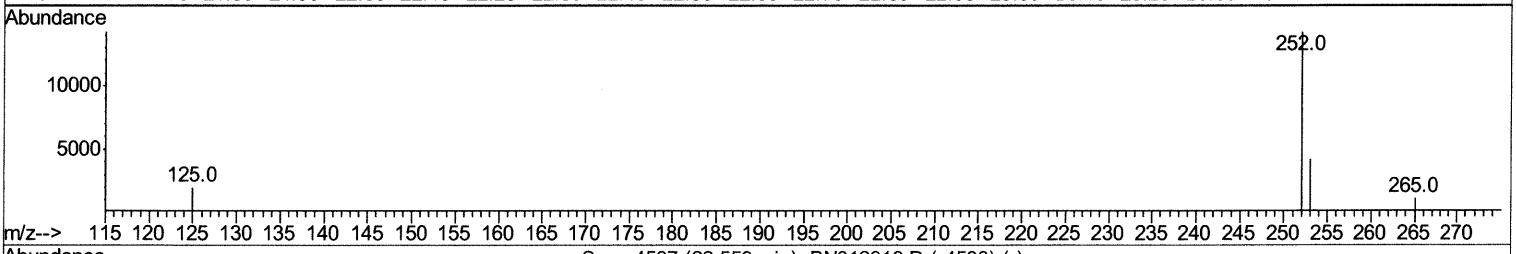
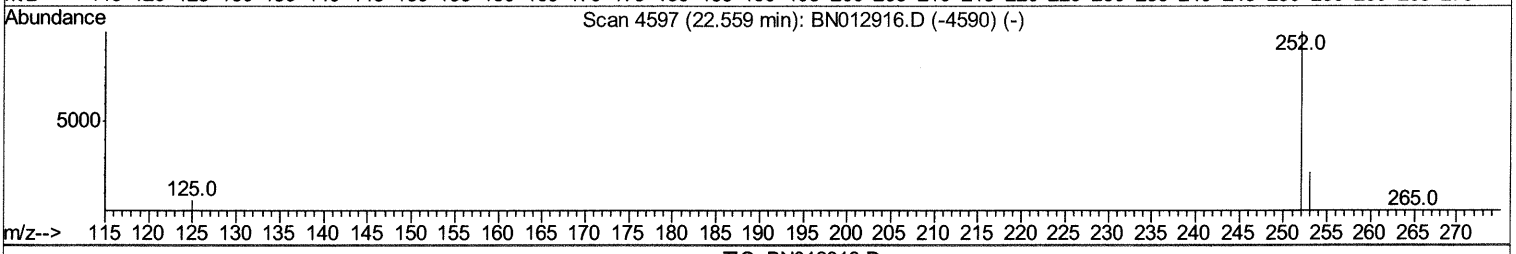
BNA_N
ClientSampleId :
C0B26

Manual Integrations APPROVED
mohammad
12/7/2020 2:11:36 PM







TIC: BN012918.D

(22) Benzo(k)fluoranthene

22.676min (+0.113) 0.71ng/ul

response 21423

Ion	Exp%	Act%
252.00	100	100
253.00	29.30	29.48
125.00	13.90	14.05
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120620\
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Acq On : 06 Dec 2020 15:29
Operator : CG/JU
Sample : L4859-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Dec 07 03:08:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
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QLast Update : Mon Dec 07 03:06:53 2020
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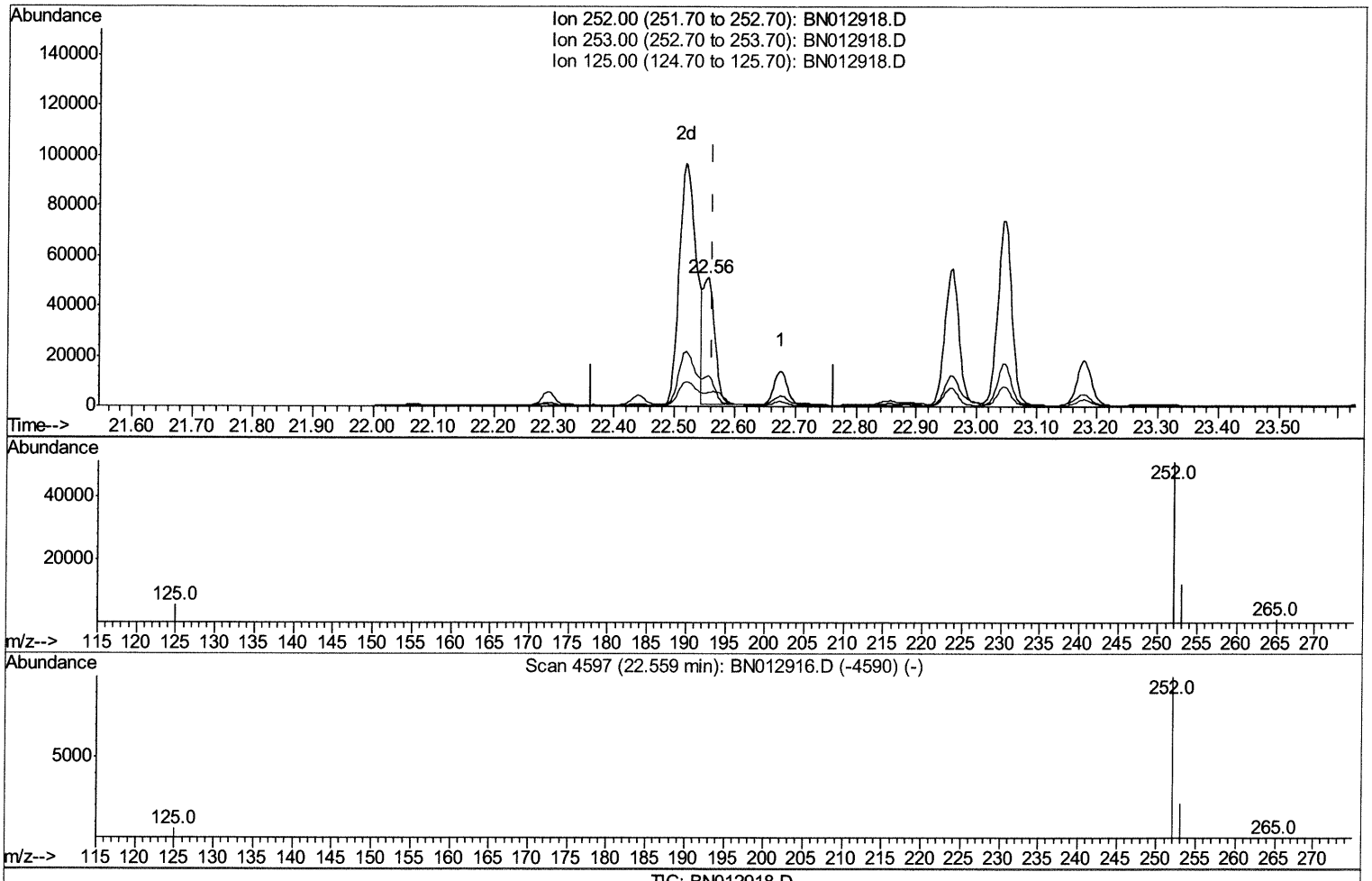
Instrument :
BNA_N
ClientSampleId :
C0B26

Manual Integrations APPROVED
mohammad
12/7/2020 2:11:36 PM



TIC: BN012918.D

(22) Benzo(k)fluoranthene

22.556min (-0.007) 2.28ng/ul m 12/09/20 JU

response 68763

Ion	Exp%	Act%
252.00	100	100
253.00	29.30	23.90
125.00	13.90	11.13
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120620\
Data File : BN012918.D
Acq On : 06 Dec 2020 15:29
Operator : CG/JU
Sample : L4859-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Dec 07 03:08:45 2020
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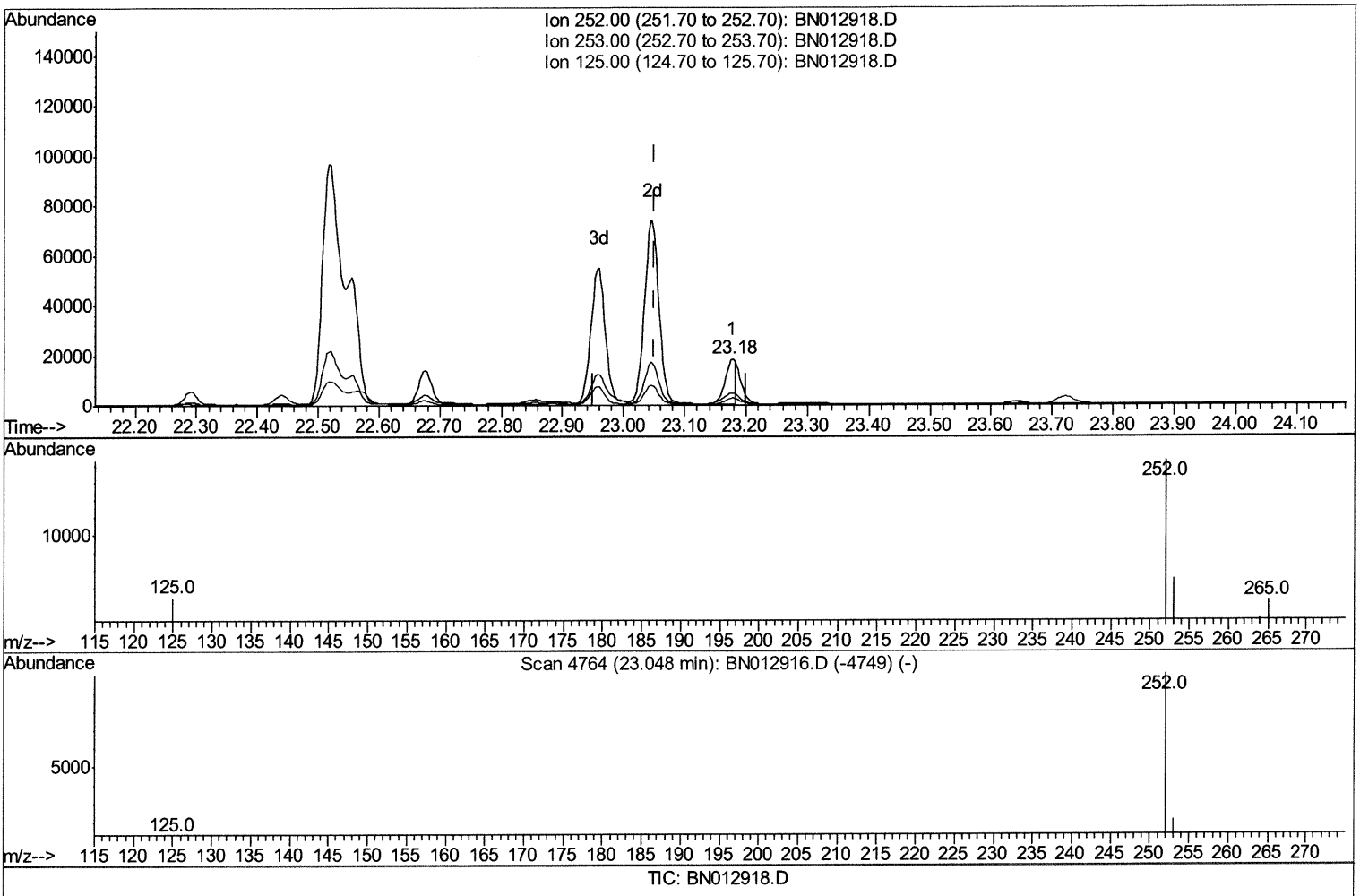
Instrument :
BNA_N
ClientSampleId :
C0B26

Manual Integrations APPROVED
mohammad
12/7/2020 2:11:36 PM



TIC: BN012918.D

(23) Benzo(a)pyrene (C)

23.178min (+0.128) 0.77ng/ul

response 19537

Ion	Exp%	Act%
252.00	100	100
253.00	33.10	26.64
125.00	17.70	15.52
0.00	0.00	0.00

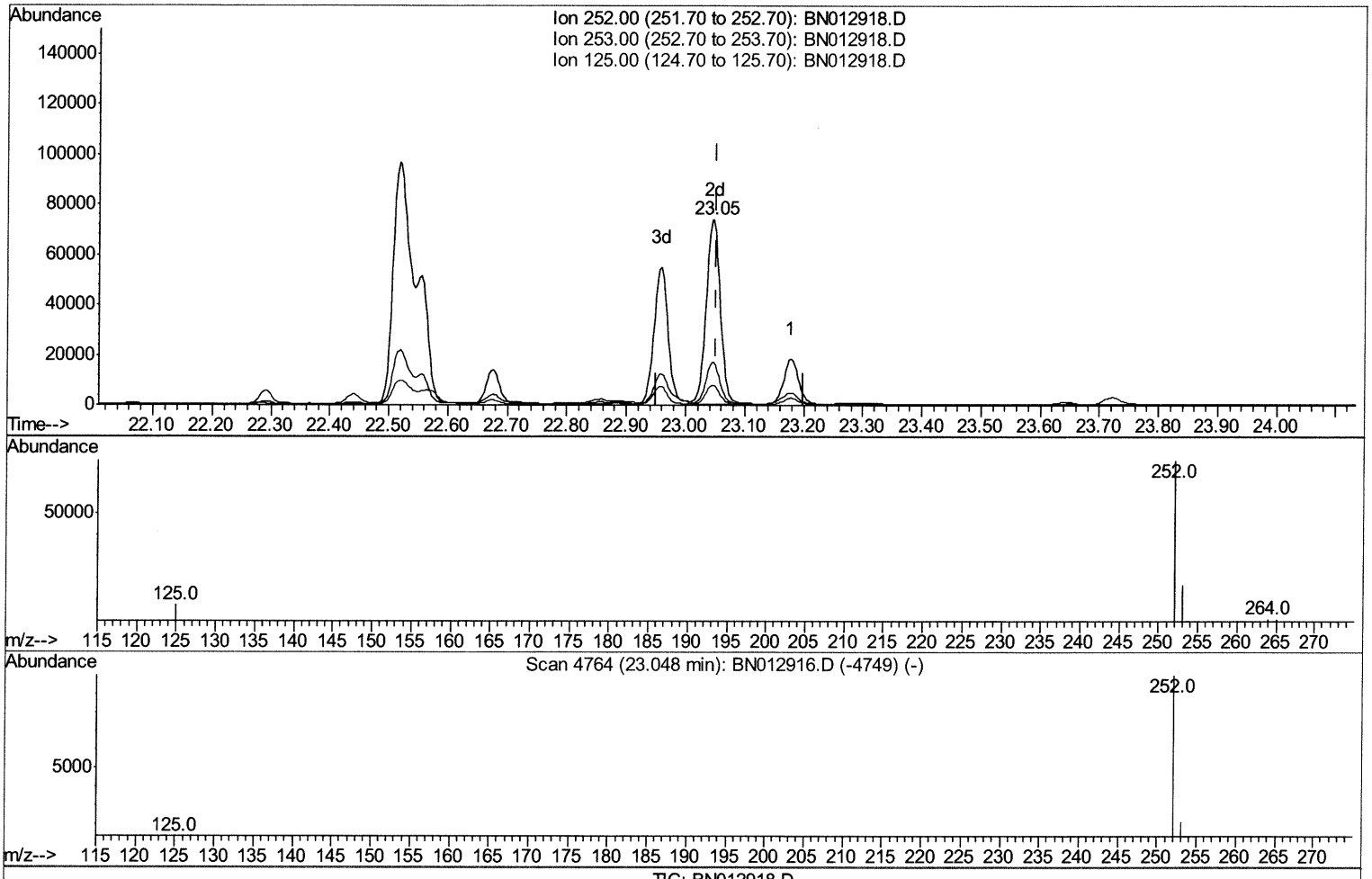
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120620\
Data File : BN012918.D
Acq On : 06 Dec 2020 15:29
Operator : CG/JU
Sample : L4859-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Dec 07 03:08:45 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 : Mon Dec 07 03:06:53 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0B26

Manual Integrations APPROVED
mohammad
12/7/2020 2:11:36 PM



TIC: BN012918.D

(23) Benzo(a)pyrene (C)

23.047min (-0.004) 4.79ng/ul m 12/04/2020

response 121365

Ion	Exp%	Act%
252.00	100	100
253.00	33.10	22.98#
125.00	17.70	10.64#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Misc :
ALS Vial : 32 Sample Multiplier: 1

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ClientSampleId :
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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1337	0.40	ng/ul	0.00
2) Naphthalene-d8	10.16	136	5528	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	3183	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	7141	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	6273	0.40	ng/ul	0.00
20) Perylene-d12	23.13	264	5907	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	1043	0.13	ng/ul	-0.02
14) Fluoranthene-d10	18.85	212	2645	0.14	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.20	128	2605	0.163	ng/ul	96
5) 2-Methylnaphthalene	11.83	142	1471	0.140	ng/ul	98
7) Acenaphthylene	13.77	152	4322	0.287	ng/ul	97
8) Acenaphthene	14.12	153	4002	0.324	ng/ul	98
9) Fluorene	15.11	166	4091	0.288	ng/ul	99
12) Phenanthrene	16.85	178	115831	4.838	ng/ul	97
13) Anthracene	16.94	178	19777	0.971	ng/ul	95
15) Fluoranthene	18.89	202	281840	9.906	ng/ul	96
17) Pyrene	19.25	202	237717	8.023	ng/ul	99
18) Benzo(a)anthracene	21.02	228	128234	4.941	ng/ul	99
19) Chrysene	21.07	228	135185	4.714	ng/ul	98
21) Benzo(b)fluoranthene	22.52	252	189948m	6.951	ng/ul	
22) Benzo(k)fluoranthene	22.56	252	68763m	2.276	ng/ul	
23) Benzo(a)pyrene	23.05	252	121365m	4.786	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.19	276	81487	2.446	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.20	278	19701	0.748	ng/ul	95
26) Benzo(g,h,i)perylene	25.82	276	70025	2.324	ng/ul	96

12/09/2020

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