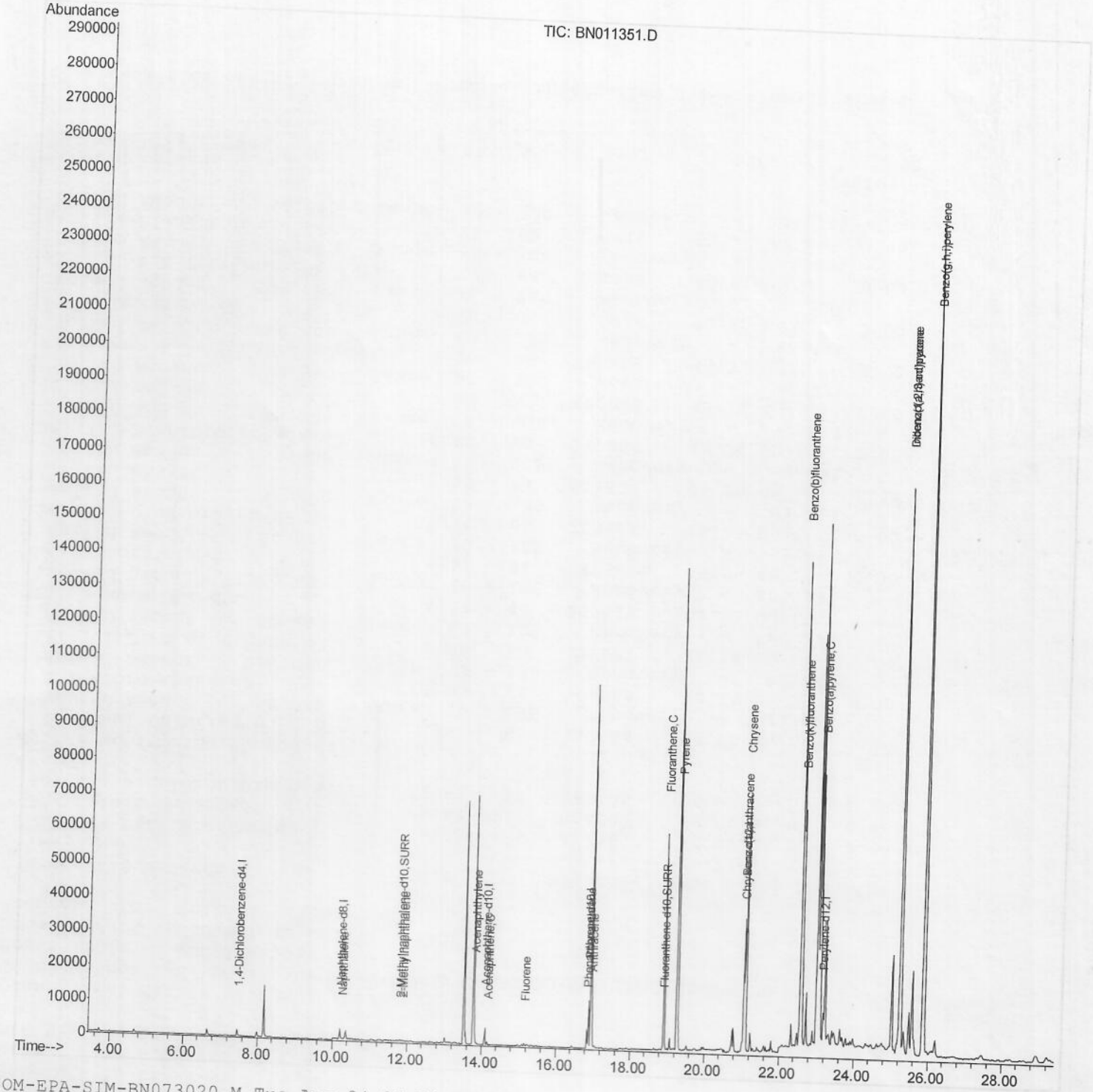
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080320\
Data File : BN011351.D
Acq On : 04 Aug 2020 03:14
Operator : CG/JU
Sample : L3419-18
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 04 07:22:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 06:45:43 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AG7

Manual Integrations APPROVED
mohammad
8/5/2020 10:28:10 AM



SOM-EPA-SIM-BN073020.M Tue Aug 04 07:21:37 2020

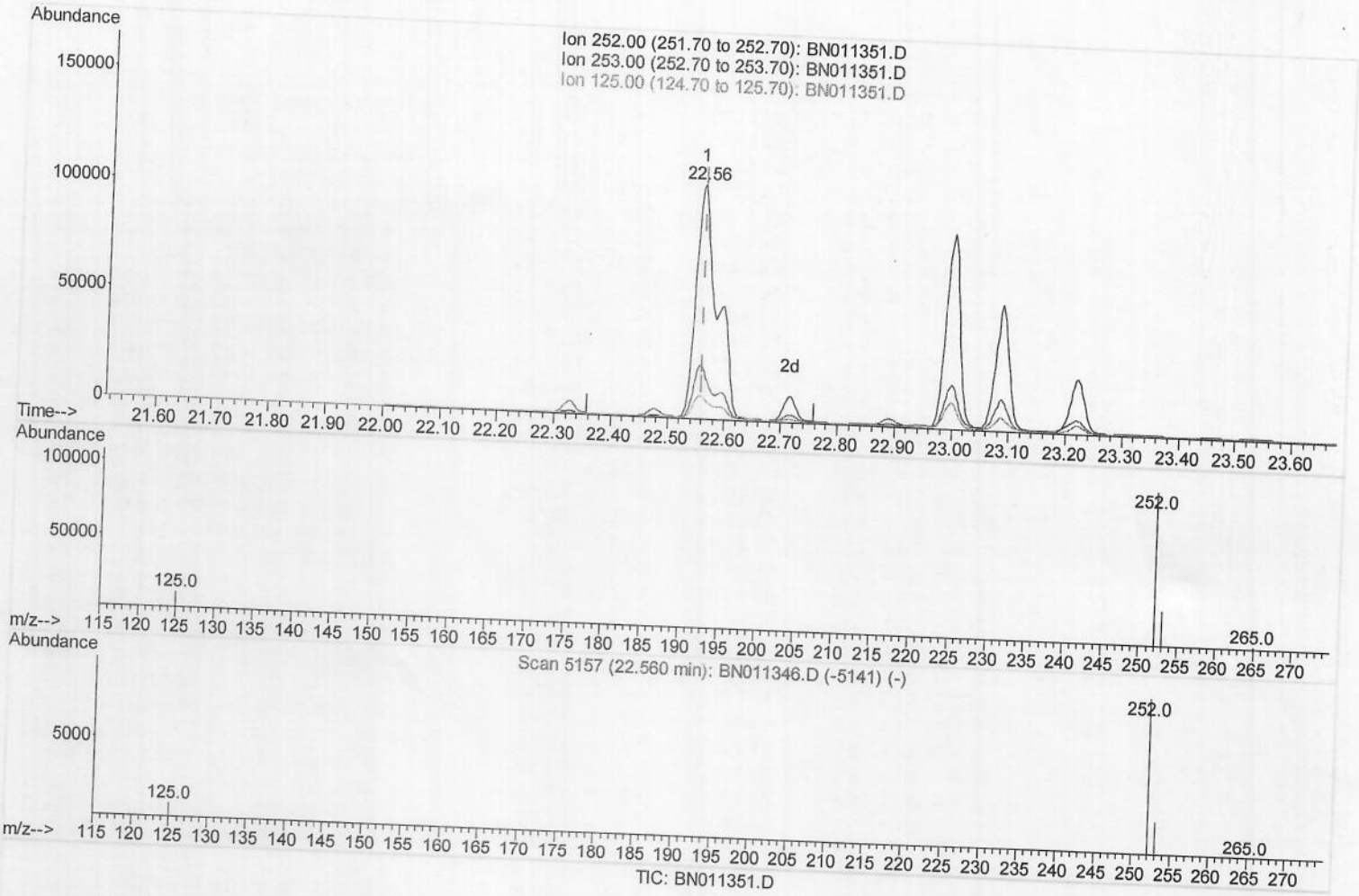
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080320\
Data File : BN011351.D
Acq On : 04 Aug 2020 03:14
Operator : CG/JU
Sample : L3419-18
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 04 06:47:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 06:45:43 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AG7

Manual Integrations APPROVED
mohammad
8/5/2020 10:28:10 AM



(21) Benzo(b)fluoranthene

22.557min (-0.003) 7.67ng/ul

response 276183

Ion	Exp%	Act%
252.00	100	100
253.00	25.90	22.84
125.00	12.10	9.78
0.00	0.00	0.00

Quantitation Report (Qedit)

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ClientSampleId :
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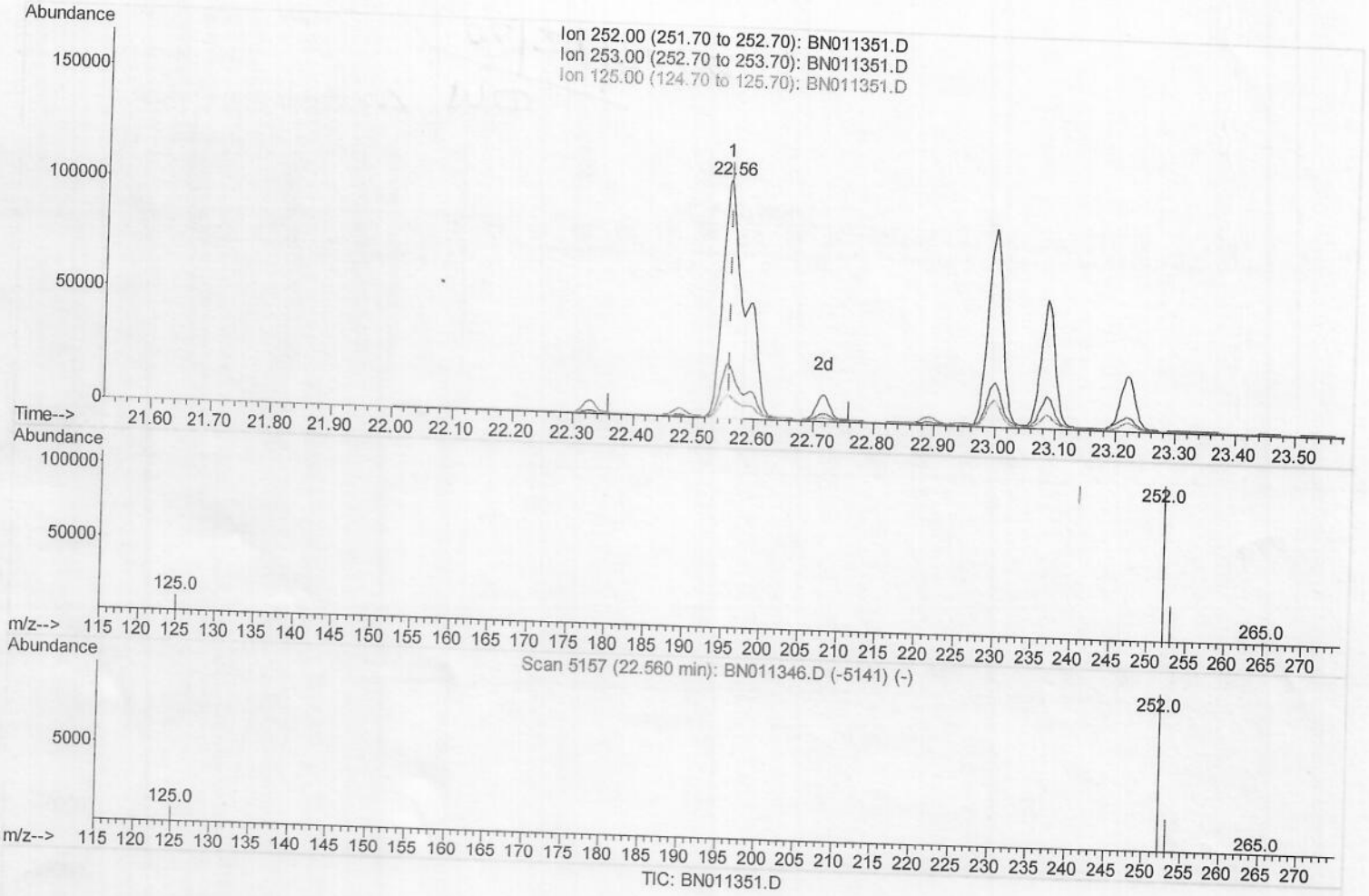
Manual Integrations APPROVED
mohammad
8/5/2020 10:28:10 AM



(21) Benzo(b)fluoranthene

22.557min (-0.003) 5.75ng/ul m > JU 08/05/20

response 206899

Ion	Exp%	Act%
252.00	100	100
253.00	25.90	22.84
125.00	12.10	9.78
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080320\
Data File : BN011351.D
Acq On : 04 Aug 2020 03:14
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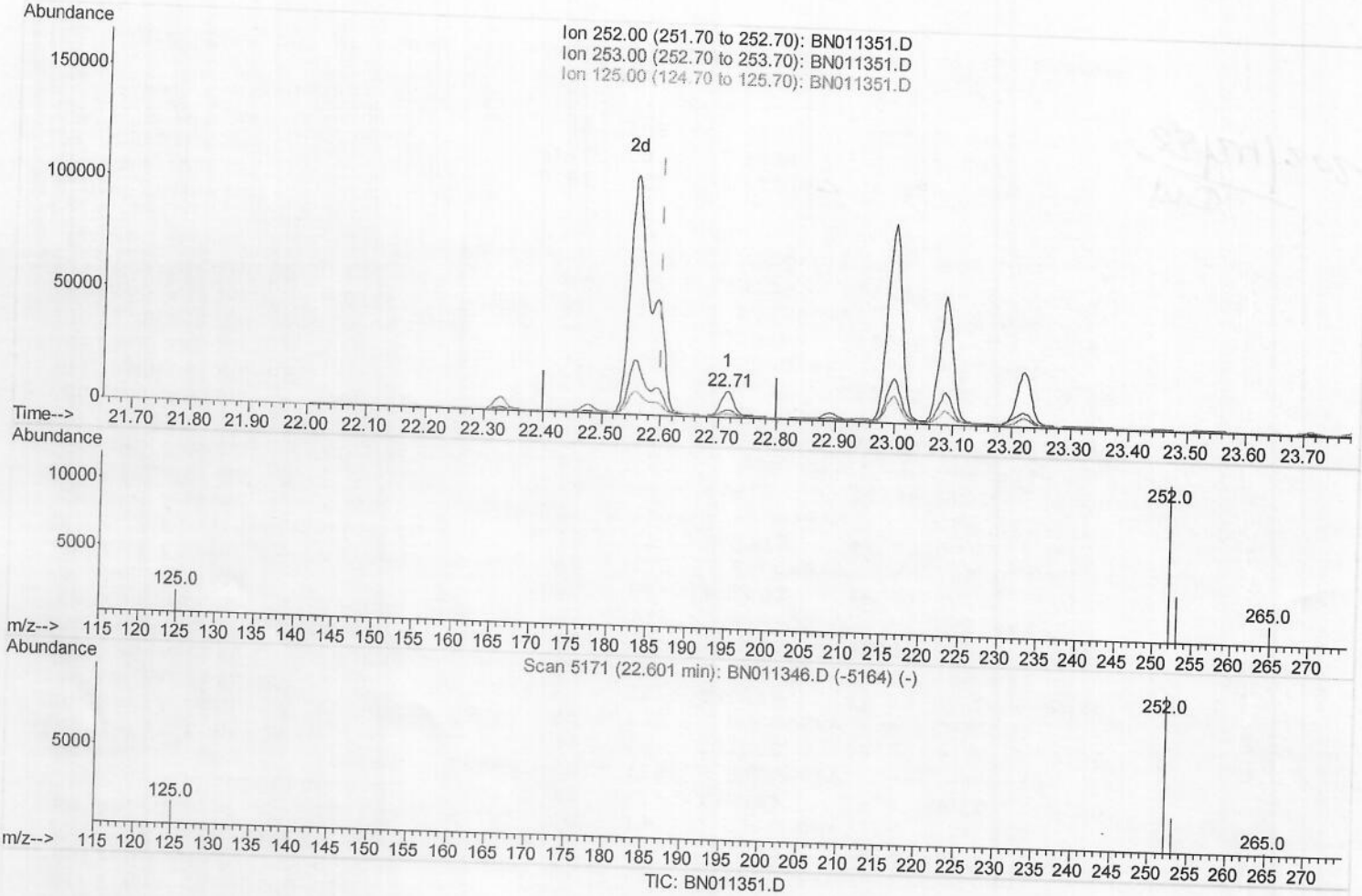
BNA_N
ClientSampleId :
C0AG7

Manual Integrations APPROVED
mohammad
8/5/2020 10:28:10 AM



TIC: BN011351.D

(22) Benzo(k)fluoranthene

22.715min (+0.114) 0.44ng/ul

response 17696

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	30.11
125.00	15.70	14.61
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080320\
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Acq On : 04 Aug 2020 03:14
Operator : CG/JU
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Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 04 06:47:23 2020
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BNA_N
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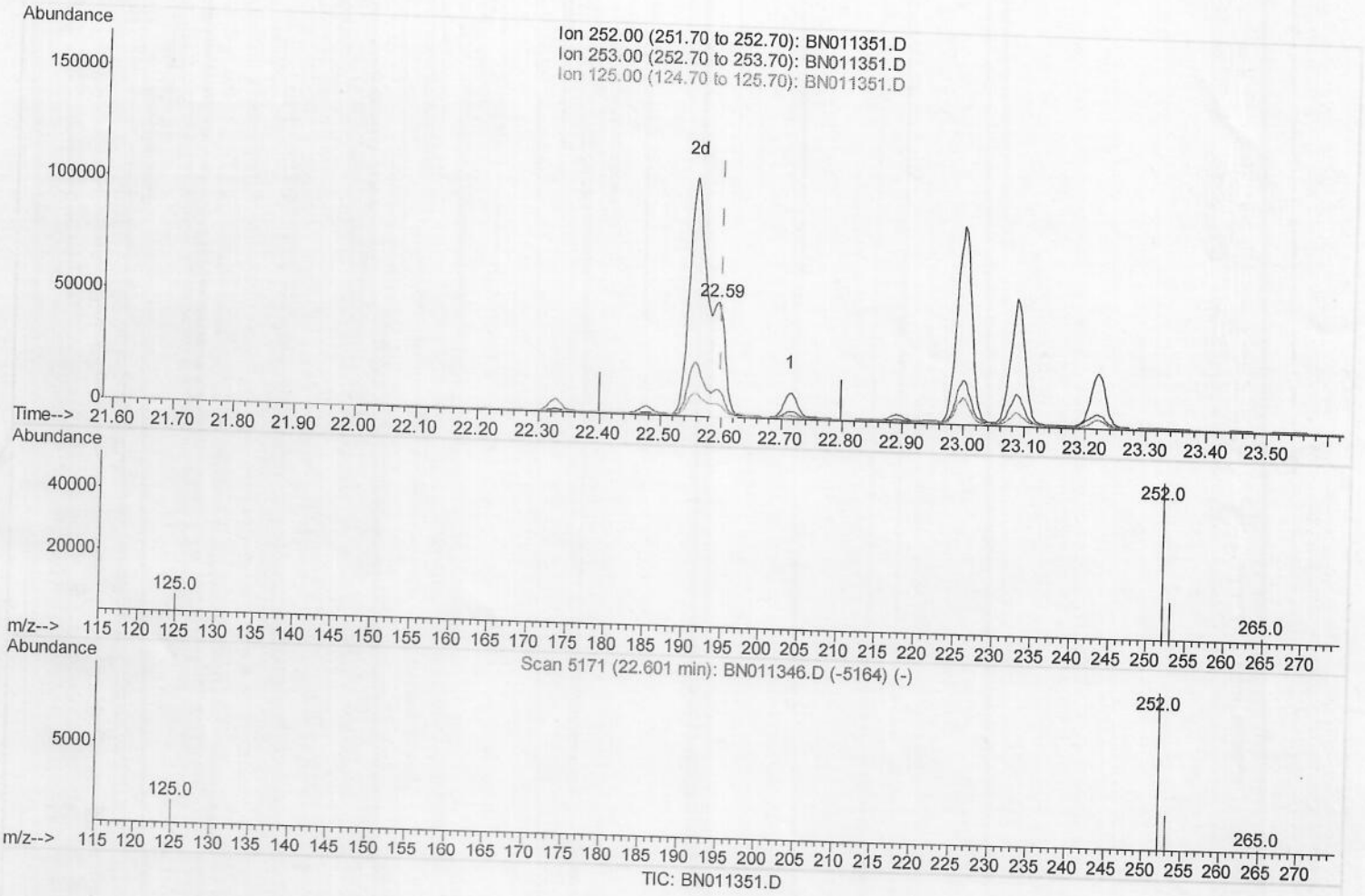
Manual Integrations APPROVED
mohammad
8/5/2020 10:28:10 AM



TIC: BN011351.D

(22) Benzo(k)fluoranthene

22.595min (-0.006) 1.76ng/ul m

response 70873

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	23.84
125.00	15.70	11.10#
0.00	0.00	0.00

Quantitation Report (Qedit)

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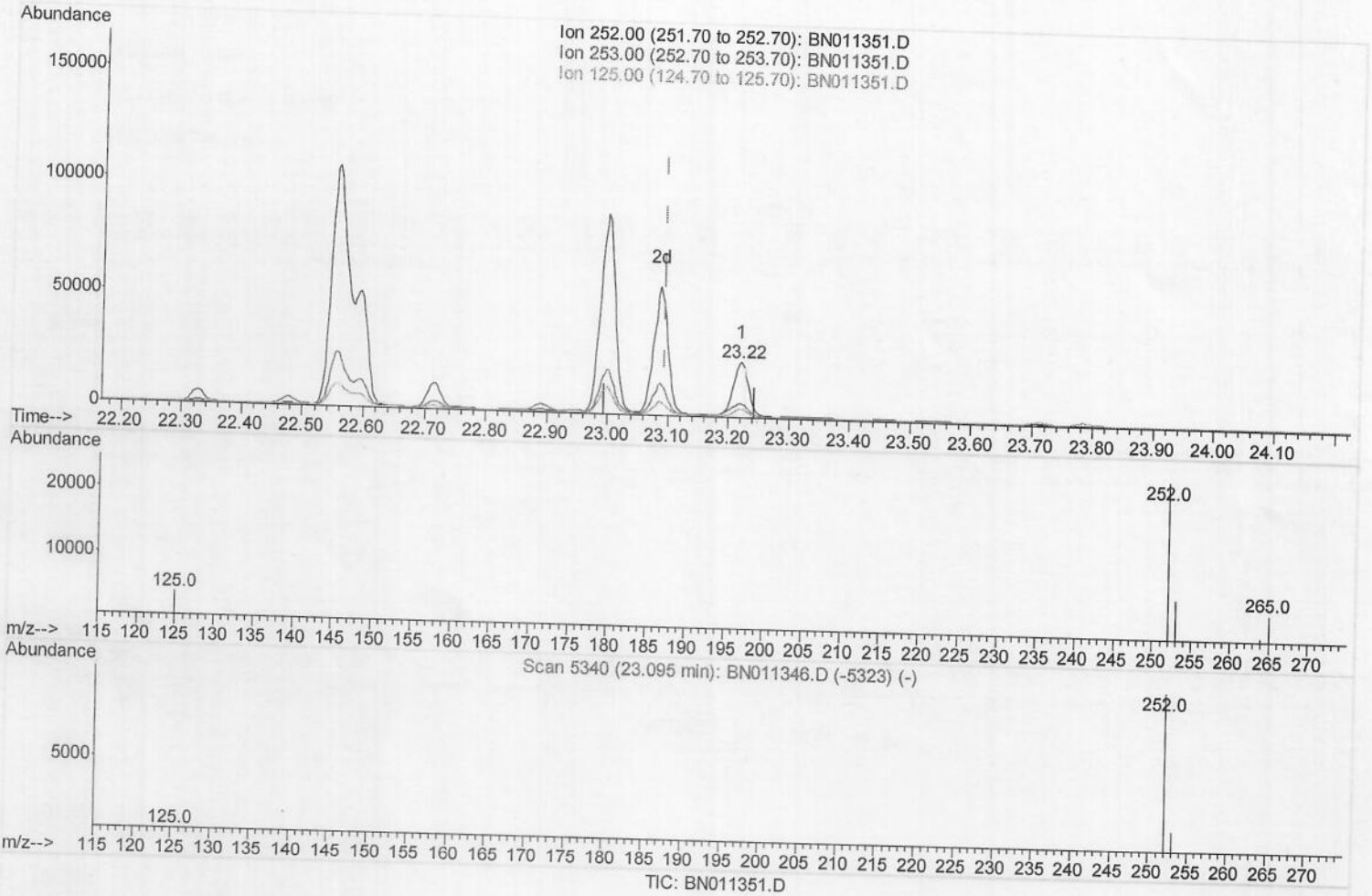
ClientSampleId :
C0AG7

Manual Integrations APPROVED
mohammad
8/5/2020 10:28:10 AM



TIC: BN011351.D

(23) Benzo(a)pyrene (C)

23.220min (+0.126) 0.99ng/ul

response 30840

Ion	Exp%	Act%
252.00	100	100
253.00	28.30	25.70
125.00	15.70	15.42
0.00	0.00	0.00

Quantitation Report (Qedit)

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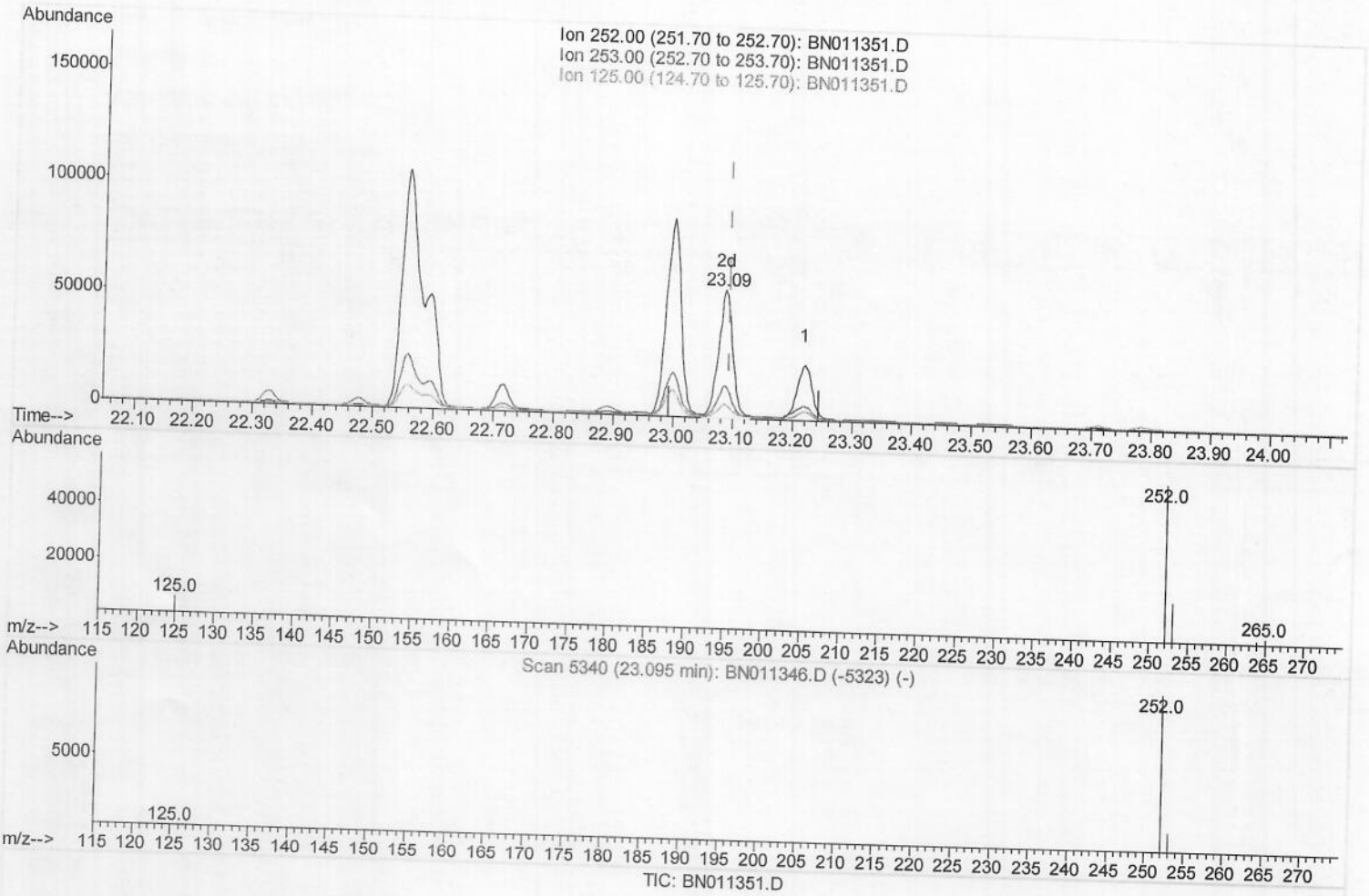
Operator : CG/JU
Sample : L3419-18
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 04 06:47:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 06:45:43 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AG7

Manual Integrations APPROVED
mohammad
8/5/2020 10:28:10 AM



TIC: BN011351.D

(23) Benzo(a)pyrene (C)

23.086min (-0.009) 3.05ng/ul m > JU 08/05/20

response 95426

Ion	Exp%	Act%
252.00	100	100
253.00	28.30	25.22
125.00	15.70	10.77#
0.00	0.00	0.00

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ClientSampleId : C0AG7

Manual Integrations APPROVED
mohammad
8/5/2020 10:28:10 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	1065	0.40	ng/ul	0.00
2) Naphthalene-d8	10.21	136	4193	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.09	164	2611	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.85	188	6035	0.40	ng/ul	0.00
16) Chrysene-d12	21.06	240	6810	0.40	ng/ul	0.00
20) Perylene-d12	23.18	264	8622	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.81	152	536	0.05	ng/ul	0.00
14) Fluoranthene-d10	18.89	212	1502	0.05	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.26	128	302	0.024	ng/ul#	52
5) 2-Methylnaphthalene	11.88	142	187	0.022	ng/ul	99
7) Acenaphthylene	13.81	152	9494	0.761	ng/ul	99
8) Acenaphthene	14.16	153	457	0.046	ng/ul	93
9) Fluorene	15.15	166	593	0.051	ng/ul#	96
12) Phenanthrene	16.89	178	14196	0.710	ng/ul	100
13) Anthracene	16.98	178	8835	0.506	ng/ul	99
15) Fluoranthene	18.92	202	52681	2.137	ng/ul	99
17) Pyrene	19.28	202	55382	1.791	ng/ul	100
18) Benzo(a)anthracene	21.05	228	29739	1.137	ng/ul	94
19) Chrysene	21.10	228	77398	2.580	ng/ul	98
21) Benzo(b)fluoranthene	22.56	252	206899m	5.749	ng/ul	
22) Benzo(k)fluoranthene	22.59	252	70873m	1.757	ng/ul	
23) Benzo(a)pyrene	23.09	252	95426m	3.050	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.24	276	241809	7.353	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.24	278	52158	1.992	ng/ul	95
26) Benzo(g,h,i)perylene	25.87	276	434697	14.630	ng/ul	98

JU 08/05/20

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