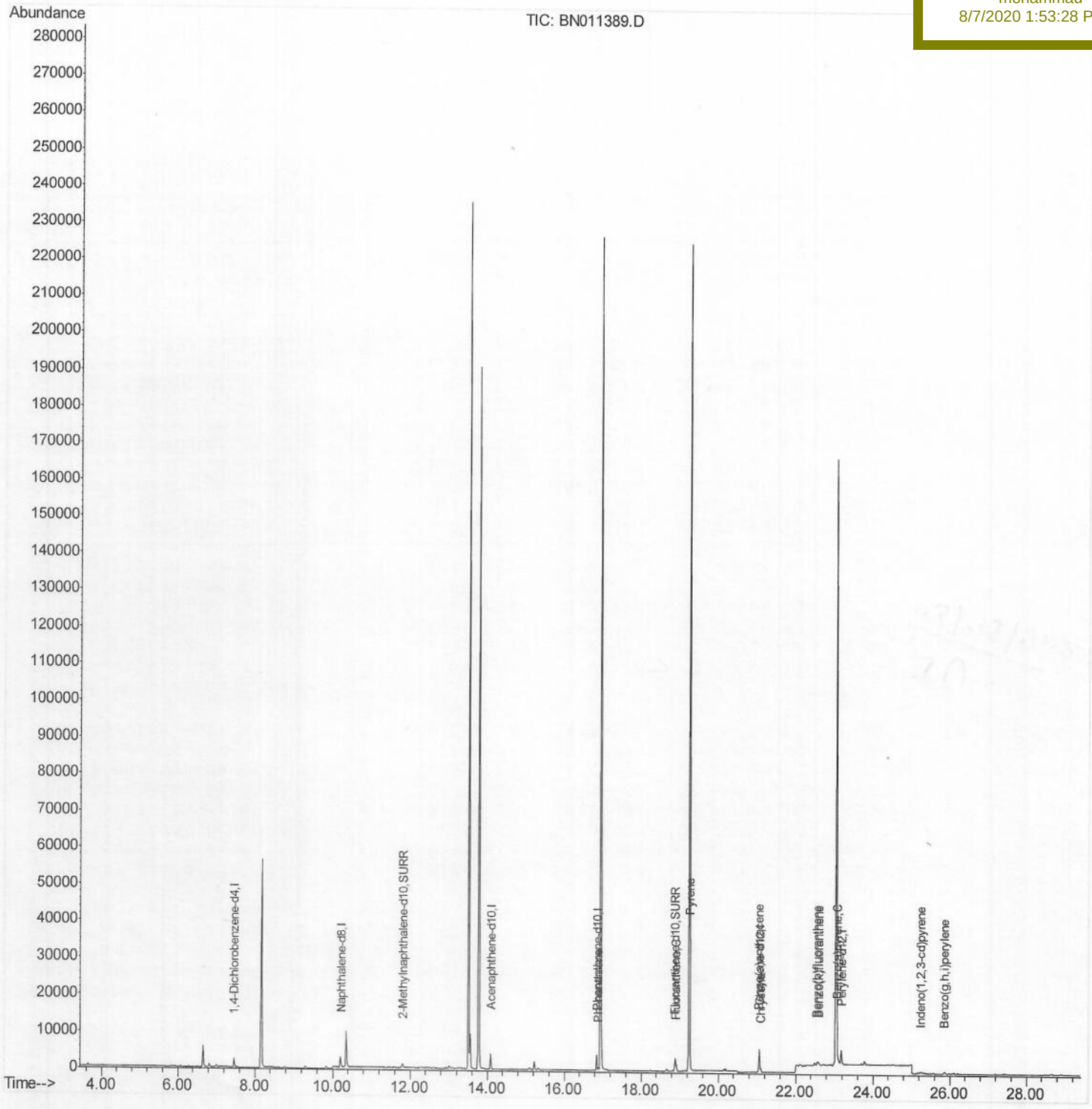
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080620\
Data File : BN011389.D
Acq On : 06 Aug 2020 21:01
Operator : CG/JU
Sample : L3419-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Aug 07 02:20:06 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 : Fri Aug 07 02:04:45 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AF2

Manual Integrations APPROVED
mohammad
8/7/2020 1:53:28 PM



Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080620\
Data File : BN011389.D
Acq On : 06 Aug 2020 21:01
Operator : CG/JU
Sample : L3419-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Aug 07 02:06:38 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 : Fri Aug 07 02:04:45 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AF2

Manual Integrations APPROVED
mohammad
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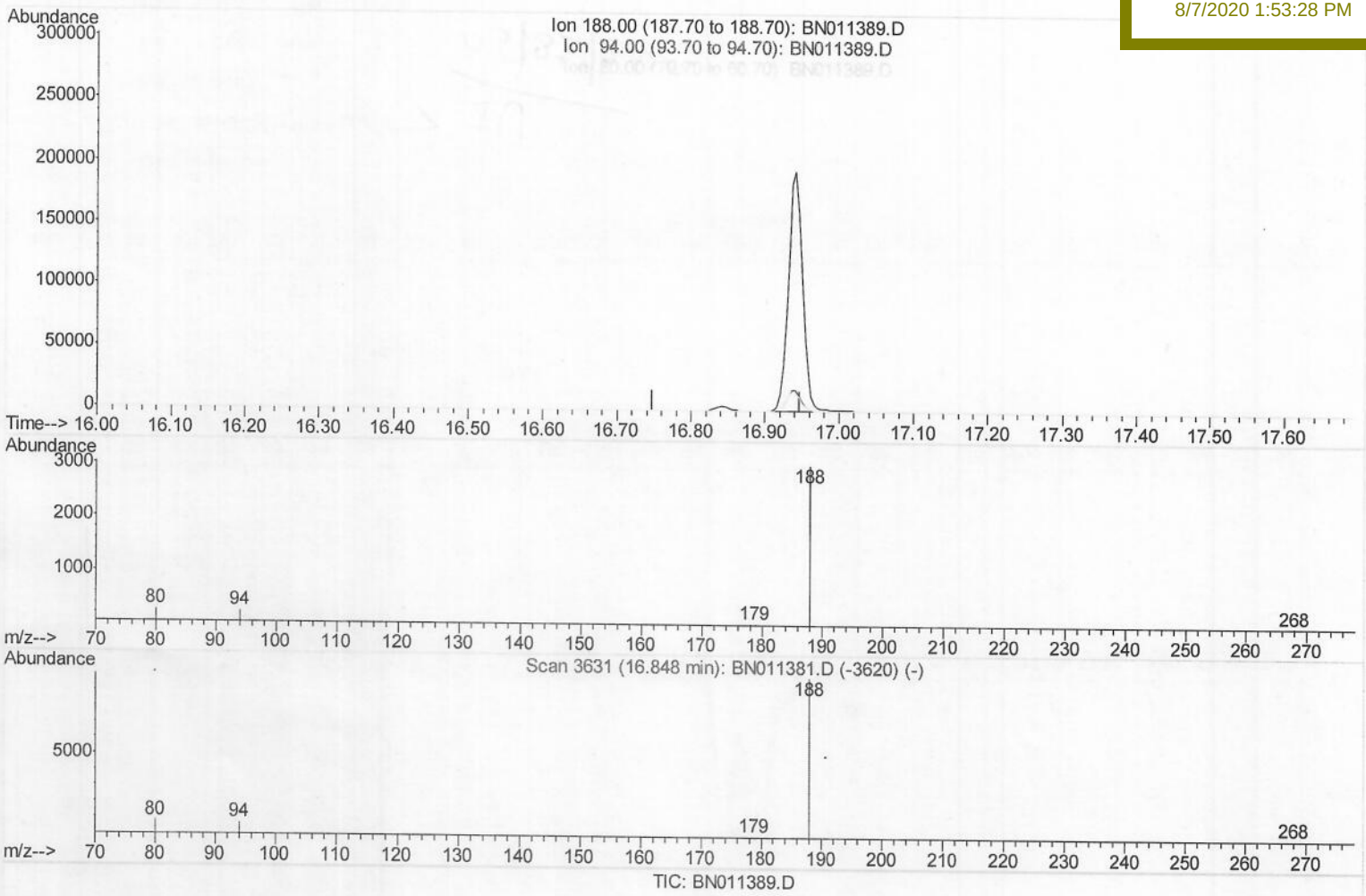

(10) Phenanthrene-d10 (I)

16.848min (-16.848) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	8.90	0.00#
80.00	10.30	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

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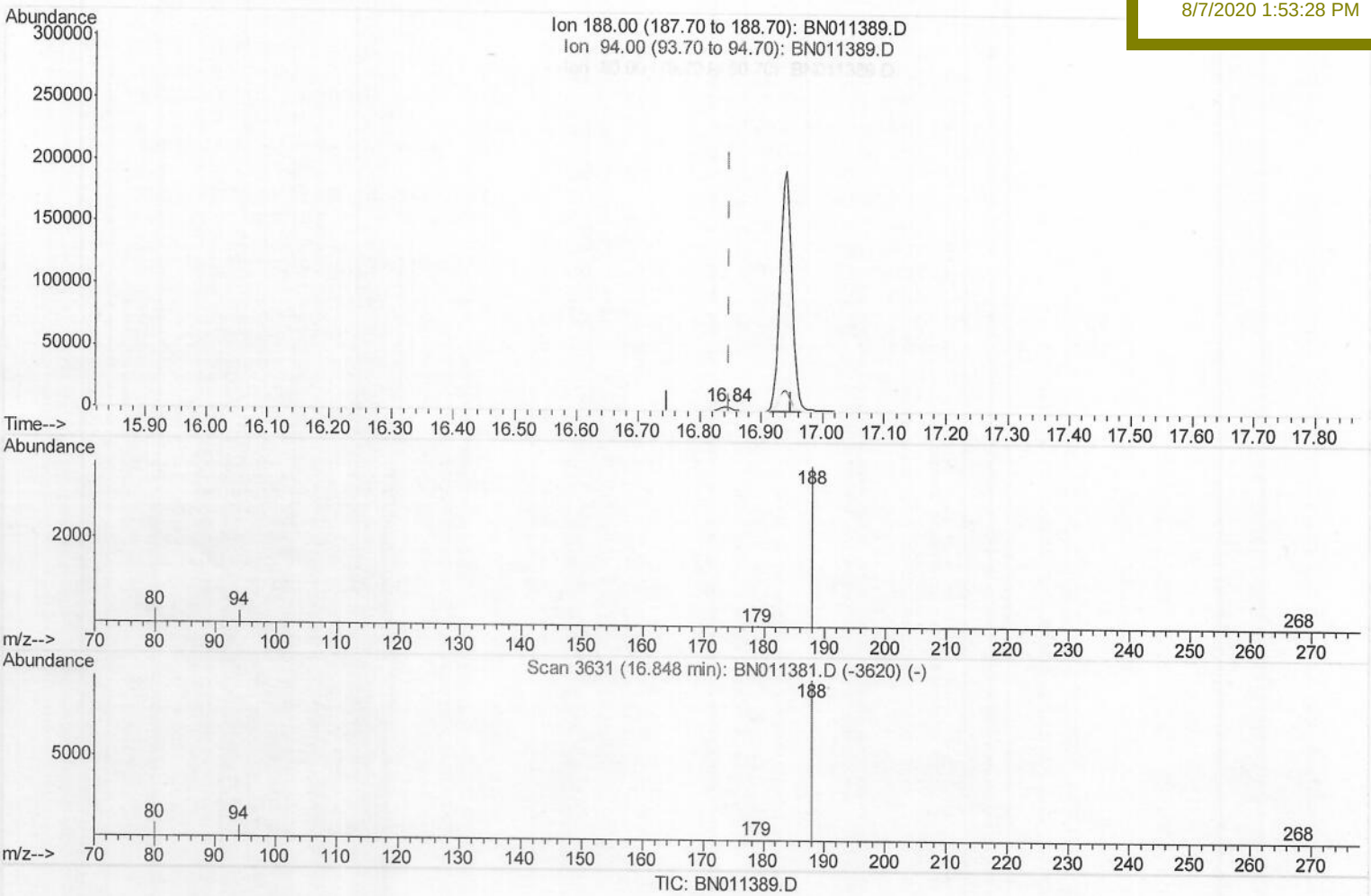
BNA_N
ClientSampleId :
C0AF2

Manual Integrations APPROVED
mohammad
8/7/2020 1:53:28 PM



TIC: BN011389.D

(10) Phenanthrene-d10 (I)

16.844min (-0.004) 0.40ng/ul m > JU 08/07/20

response 5112

Ion	Exp%	Act%
188.00	100	100
94.00	8.90	8.68
80.00	10.30	9.30
0.00	0.00	0.00

Quantitation Report (Qedit)

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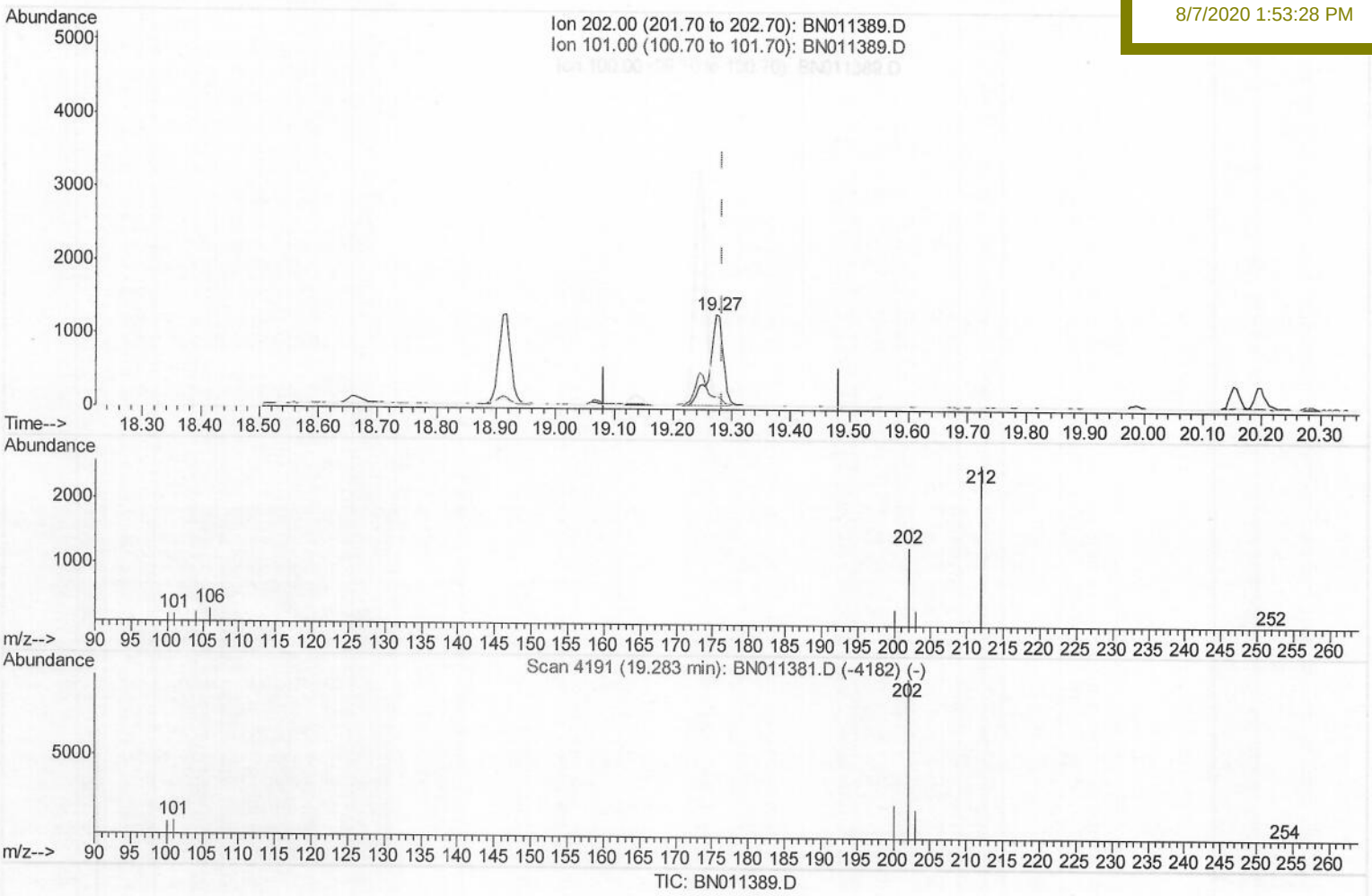
Data File : BN011389.D
Acq On : 06 Aug 2020 21:01
Operator : CG/JU
Sample : L3419-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Aug 07 02:18:47 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 : Fri Aug 07 02:04:45 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AF2

Manual Integrations APPROVED
mohammad
8/7/2020 1:53:28 PM



TIC: BN011389.D

(17) Pyrene

19.274min (-0.009) 0.08ng/ul

response 2020

Ion	Exp%	Act%
202.00	100	100
101.00	10.60	14.41#
100.00	8.90	14.10#
0.00	0.00	0.00

Quantitation Report (Qedit)

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QLast Update : Fri Aug 07 02:04:45 2020
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Instrument :
BNA_N
ClientSampleId :
C0AF2

Manual Integrations APPROVED
mohammad
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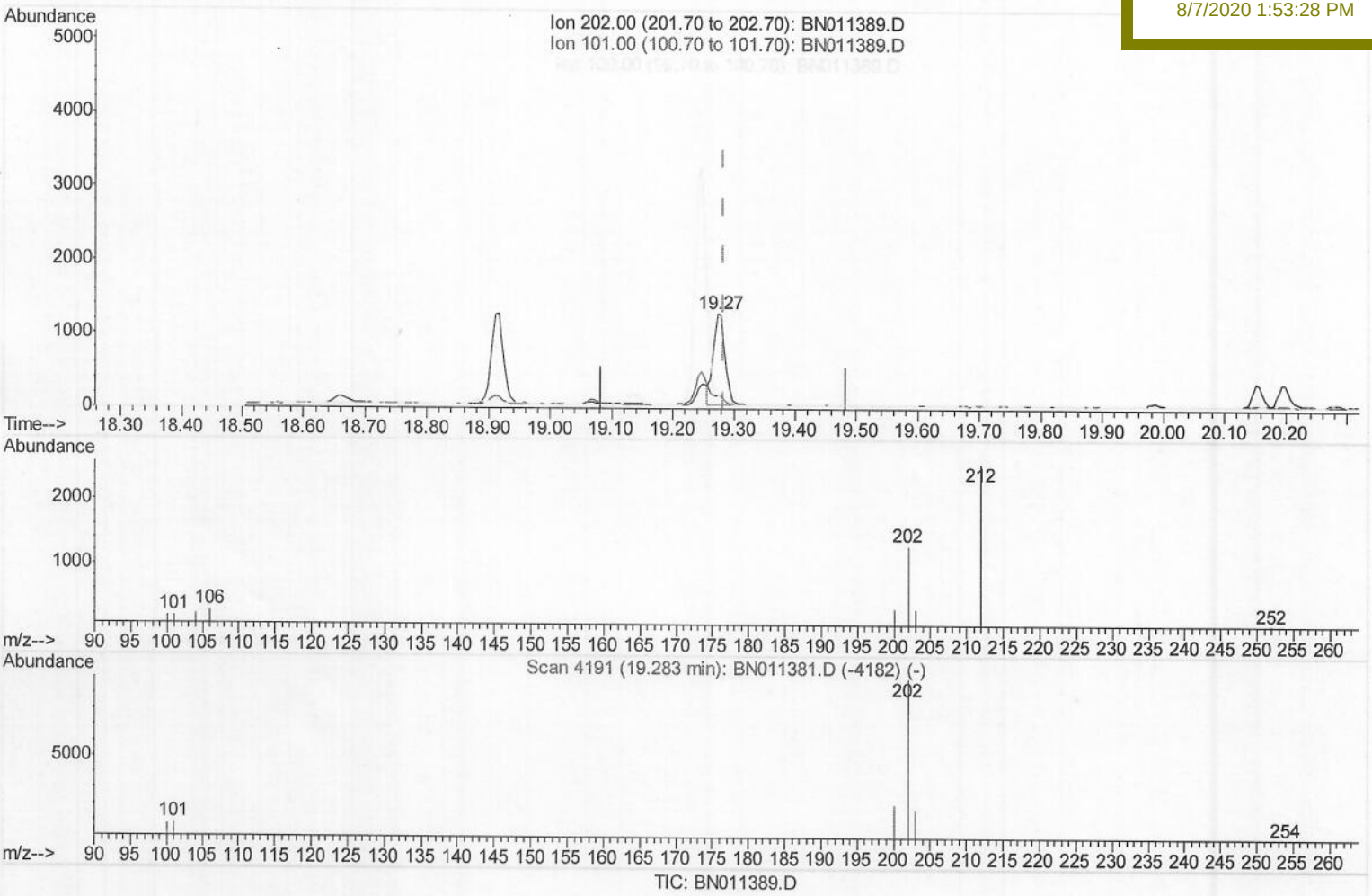

TIC: BN011389.D

(17) Pyrene

19.274min (-0.009) 0.07ng/ul m > JU 08/07/20

response 1670

Ion	Exp%	Act%
202.00	100	100
101.00	10.60	14.41#
100.00	8.90	14.10#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080620\
Data File : BN011389.D
Acq On : 06 Aug 2020 21:01
Operator : CG/JU
Sample : L3419-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Aug 07 02:18:47 2020
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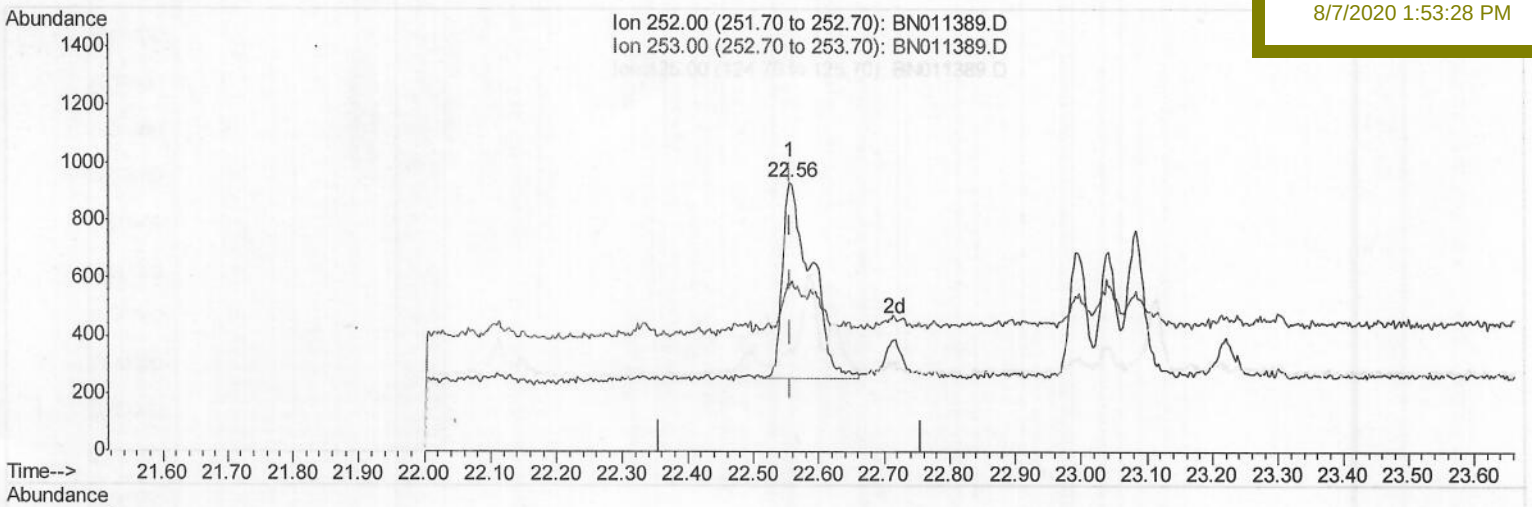
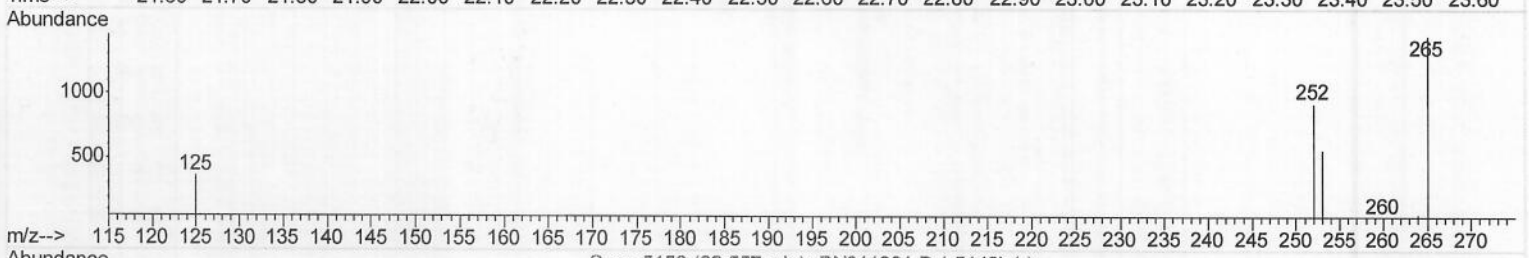
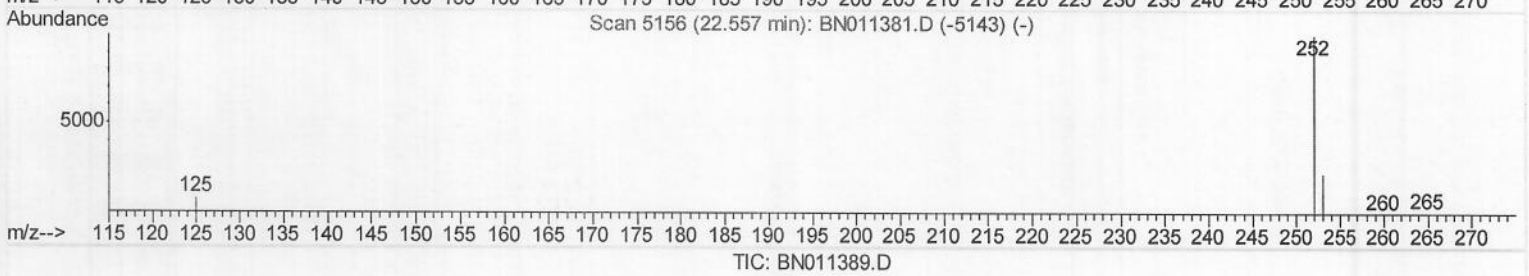
QLast Update : Fri Aug 07 02:04:45 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AF2

Manual Integrations APPROVED
mohammad
8/7/2020 1:53:28 PM







TIC: BN011389.D

(21) Benzo(b)fluoranthene

22.557min (0.000) 0.10ng/ul

response 2072

Ion	Exp%	Act%
252.00	100	100
253.00	25.90	61.87#
125.00	12.10	38.35#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080620\
Data File : BN011389.D
Acq On : 06 Aug 2020 21:01
Operator : CG/JU
Sample : L3419-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Aug 07 02:18:47 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 : Fri Aug 07 02:04:45 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AF2

Manual Integrations APPROVED
mohammad
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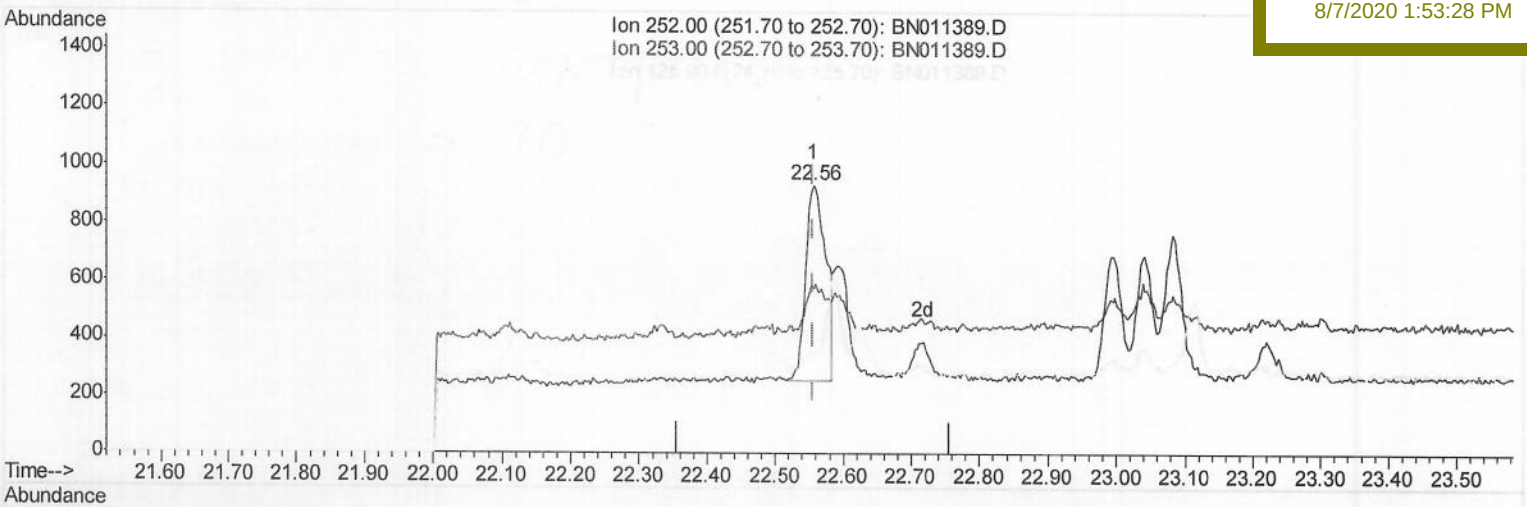

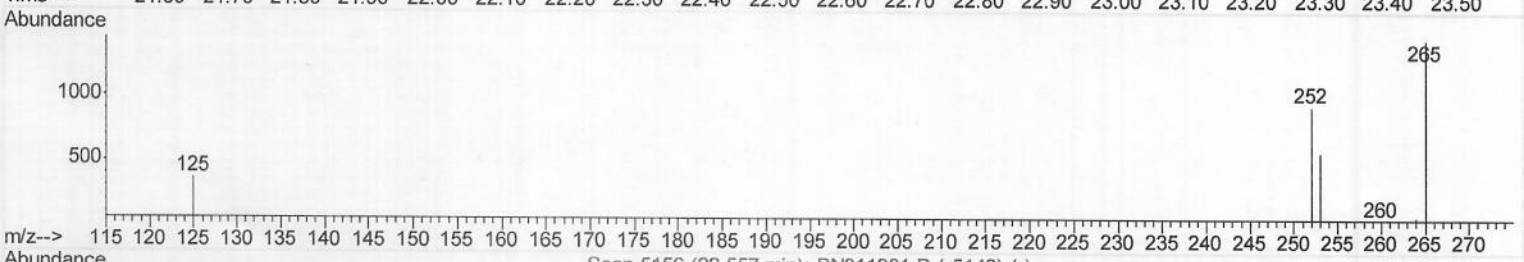

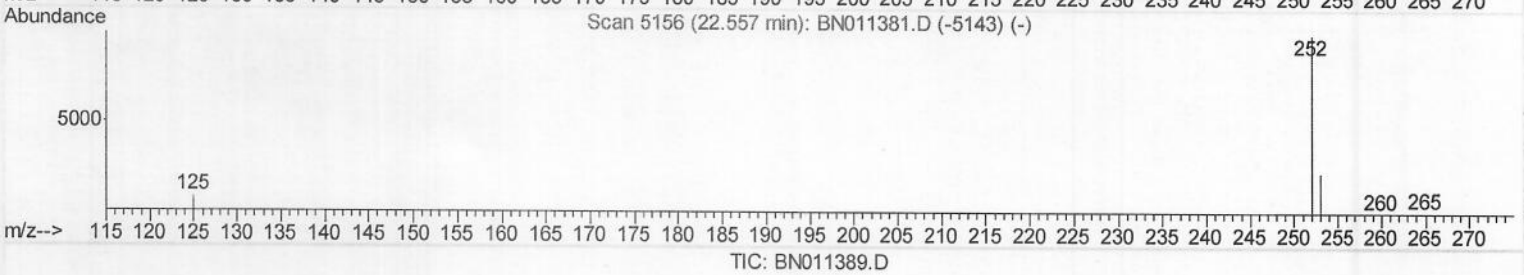

TIC: BN011389.D

(21) Benzo(b)fluoranthene

22.557min (0.000) 0.07ng/ul m

response 1415

Ion	Exp%	Act%
252.00	100	100
253.00	25.90	61.87#
125.00	12.10	38.35#
0.00	0.00	0.00

JU 08/07/20

Quantitation Report (Qedit)

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Instrument :
BNA_N
ClientSampleId :
C0AF2

Manual Integrations APPROVED
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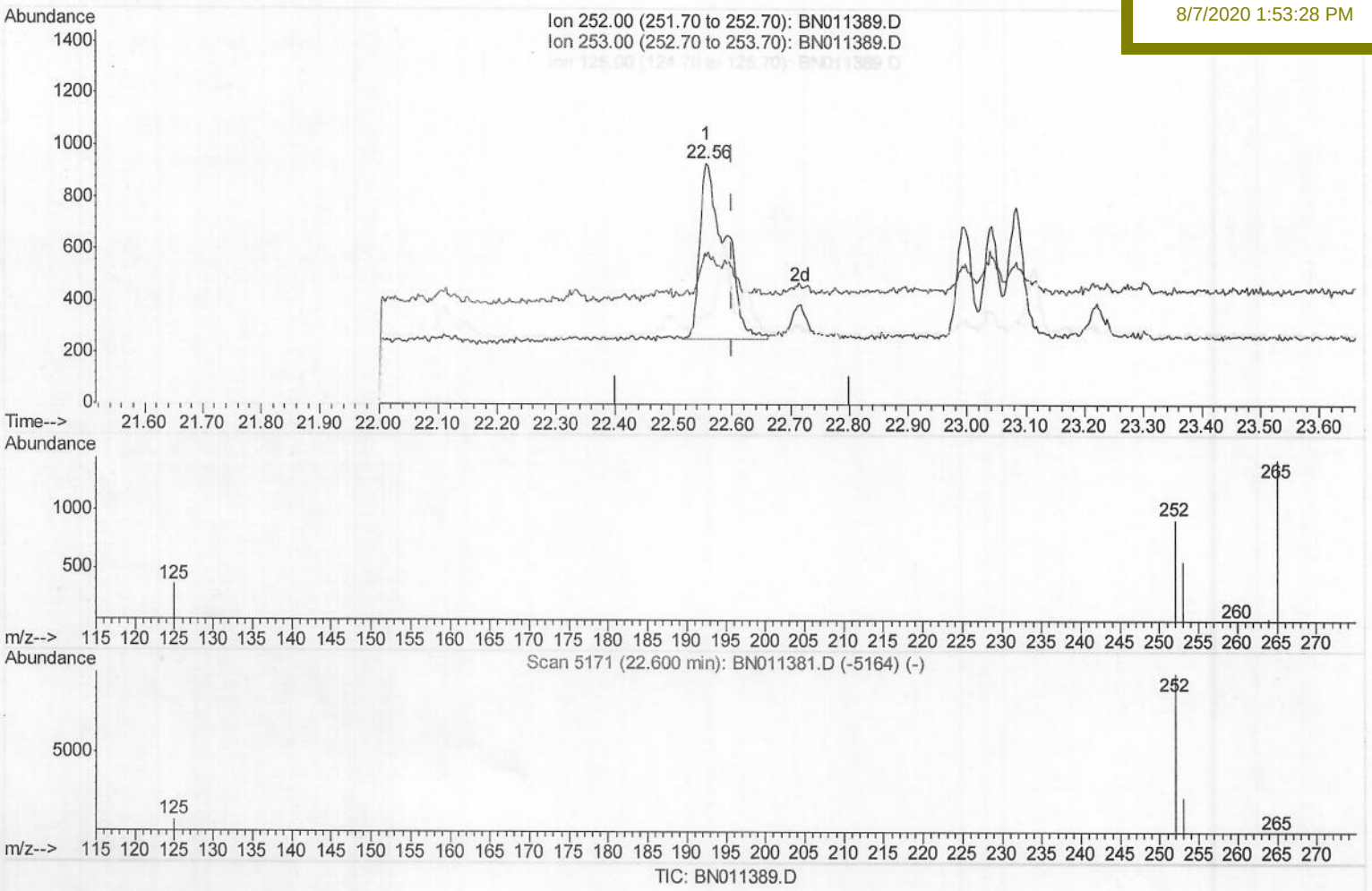

TIC: BN011389.D

(22) Benzo(k)fluoranthene

22.557min (-0.044) 0.09ng/ul

response 2072

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	61.87#
125.00	15.70	38.35#
0.00	0.00	0.00

Quantitation Report (Qedit)

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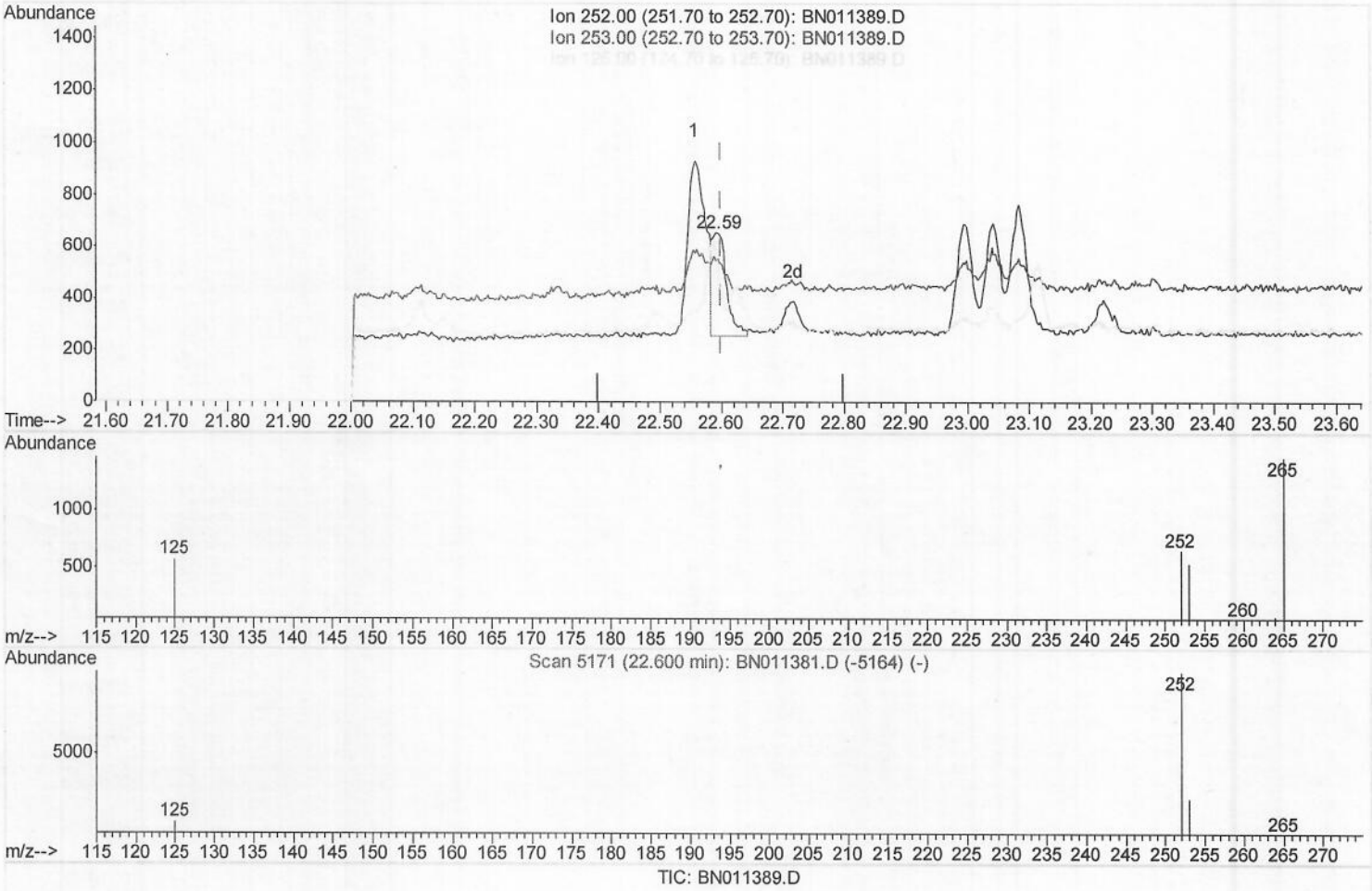
Data File : BN011389.D
Acq On : 06 Aug 2020 21:01
Operator : CG/JU
Sample : L3419-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Aug 07 02:18:47 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 : Fri Aug 07 02:04:45 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AF2

Manual Integrations APPROVED
mohammad
8/7/2020 1:53:28 PM



TIC: BN011389.D

(22) Benzo(k)fluoranthene

22.592min (-0.009) 0.03ng/ul m > JU 08/07/20

response 644

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	83.18#
125.00	15.70	87.77#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080620\
Data File : BN011389.D
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ALS Vial : 18 Sample Multiplier: 1

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Instrument : BNA_N
ClientSampleId : C0AF2

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	1172	0.40	ng/ul	0.00
2) Naphthalene-d8	10.20	136	3794	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.09	164	2199	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.84	188	5112m	0.40	ng/ul	0.00
16) Chrysene-d12	21.06	240	5374	0.40	ng/ul	0.00
20) Perylene-d12	23.18	264	4950	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.80	152	1989	0.21	ng/ul	0.00
14) Fluoranthene-d10	18.88	212	3828	0.16	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	16.88	178	827	0.049	ng/ul#	83
15) Fluoranthene	18.92	202	1714	0.082	ng/ul	90
17) Pyrene	19.27	202	1670m	0.068	ng/ul	
18) Benzo(a)anthracene	21.05	228	883	0.043	ng/ul#	85
19) Chrysene	21.10	228	1074	0.045	ng/ul#	88
21) Benzo(b)fluoranthene	22.56	252	1415m	0.068	ng/ul	
22) Benzo(k)fluoranthene	22.59	252	644m	0.028	ng/ul	
23) Benzo(a)pyrene	23.08	252	882	0.049	ng/ul#	23
24) Indeno(1,2,3-cd)pyrene	25.24	276	664	0.035	ng/ul#	88
26) Benzo(g,h,i)perylene	25.87	276	669	0.039	ng/ul#	58

JU 08/07/20

SO 08/07/20

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