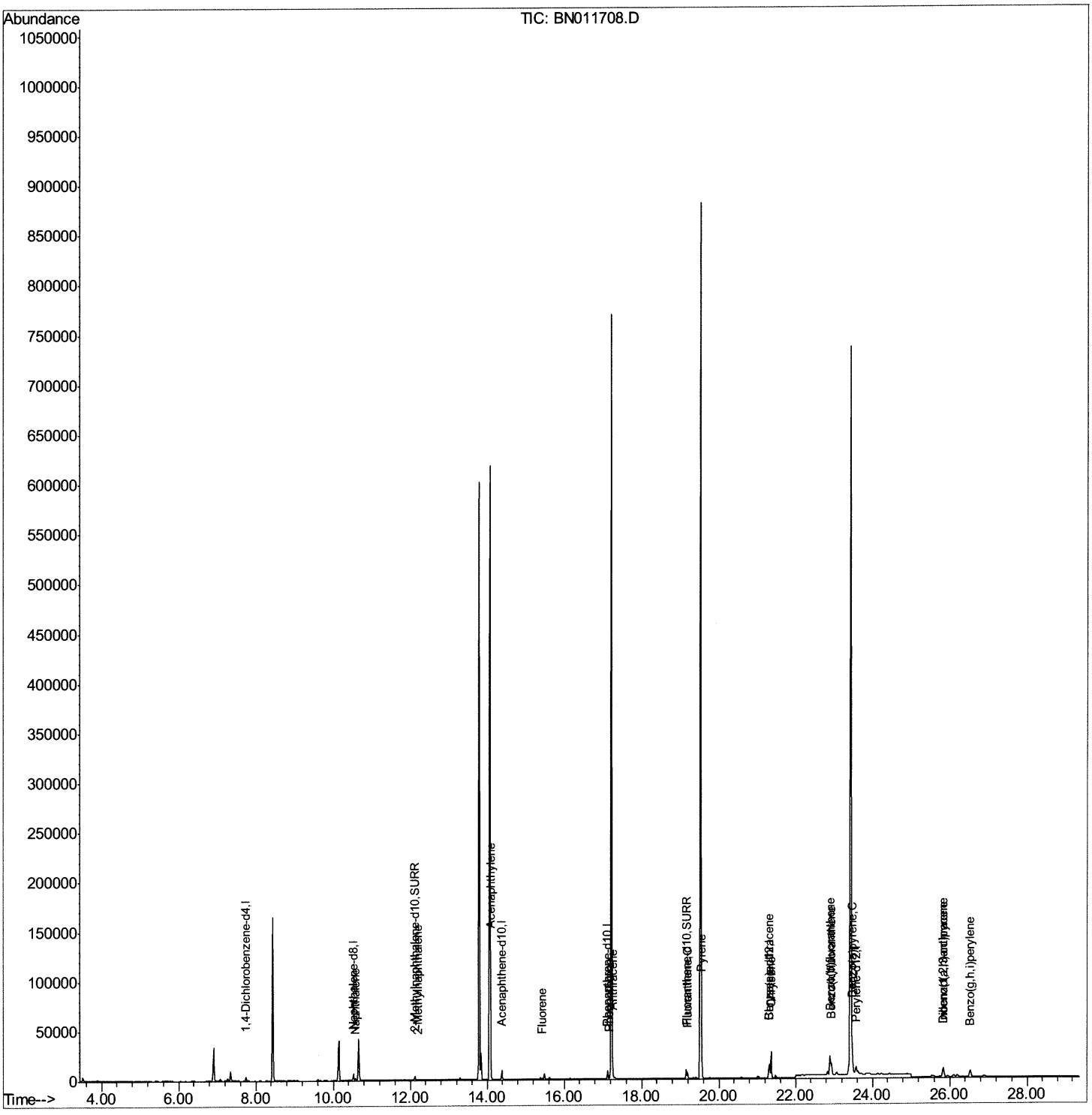
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090420\
Data File : BN011708.D
Acq On : 04 Sep 2020 18:44
Operator : CG/JU
Sample : L3840-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 05 01:48:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 05 01:37:48 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AA8

Manual Integrations APPROVED
mohammad
9/8/2020 1:47:00 PM



Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090420\
Data File : BN011708.D
Acq On : 04 Sep 2020 18:44
Operator : CG/JU
Sample : L3840-12
Misc :
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Quant Time: Sep 05 01:44:49 2020
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ClientSampleId :
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Manual Integrations APPROVED
mohammad
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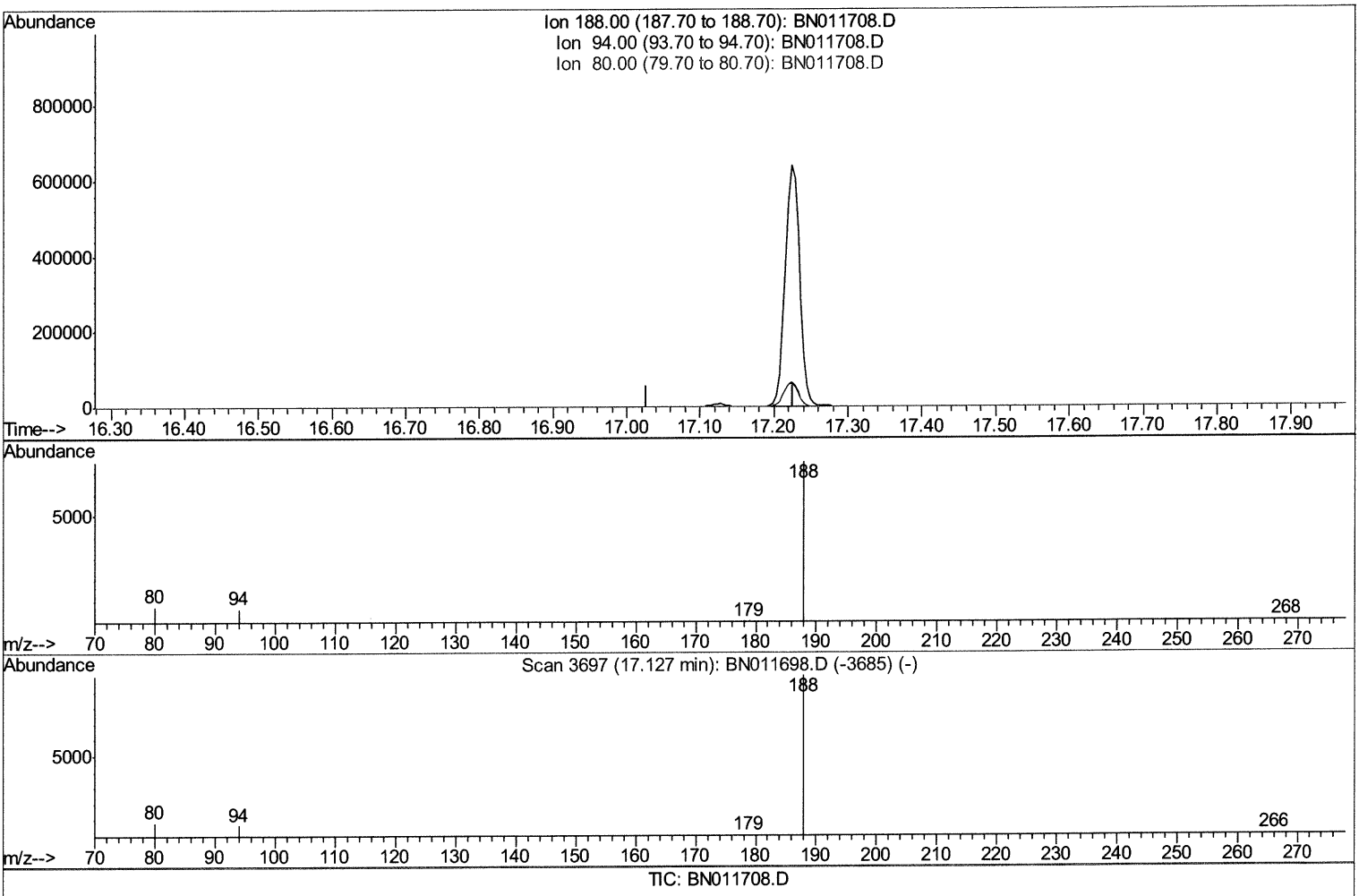

TIC: BN011708.D

(10) Phenanthrene-d10 (I)

17.127min (-17.127) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	8.20	0.00#
80.00	9.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090420\
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Acq On : 04 Sep 2020 18:44
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BNA_N
ClientSampleId :
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Manual Integrations APPROVED
mohammad
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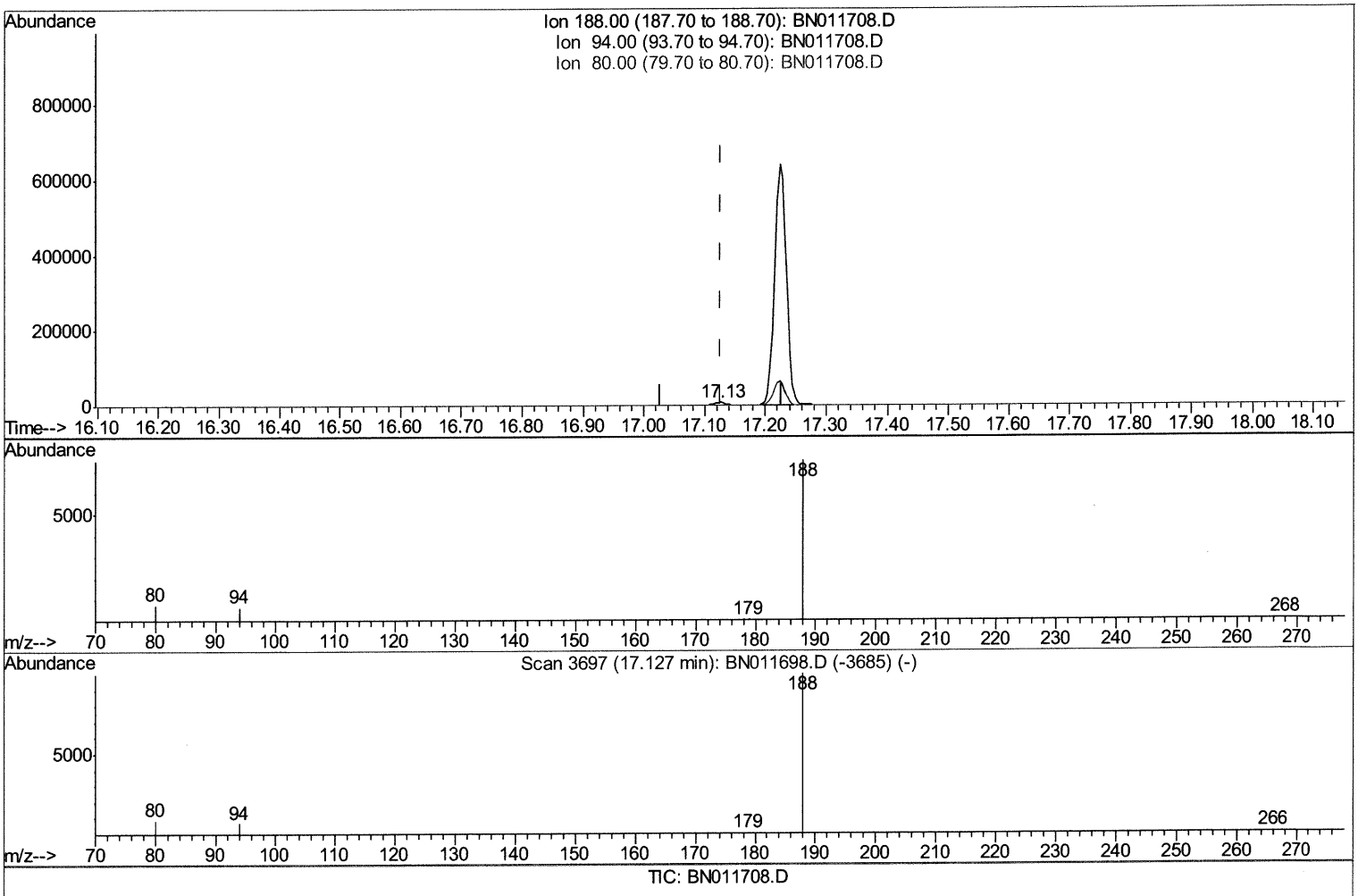

(10) Phenanthrene-d10 (I)

17.127min (+0.000) 0.40ng/ul m 09/09/20 JU

response 10369

Ion	Exp%	Act%
188.00	100	100
94.00	8.20	8.84
80.00	9.00	10.51
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090420\
Data File : BN011708.D
Acq On : 04 Sep 2020 18:44
Operator : CG/JU
Sample : L3840-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 05 01:46:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 05 01:37:48 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AA8

Manual Integrations APPROVED
mohammad
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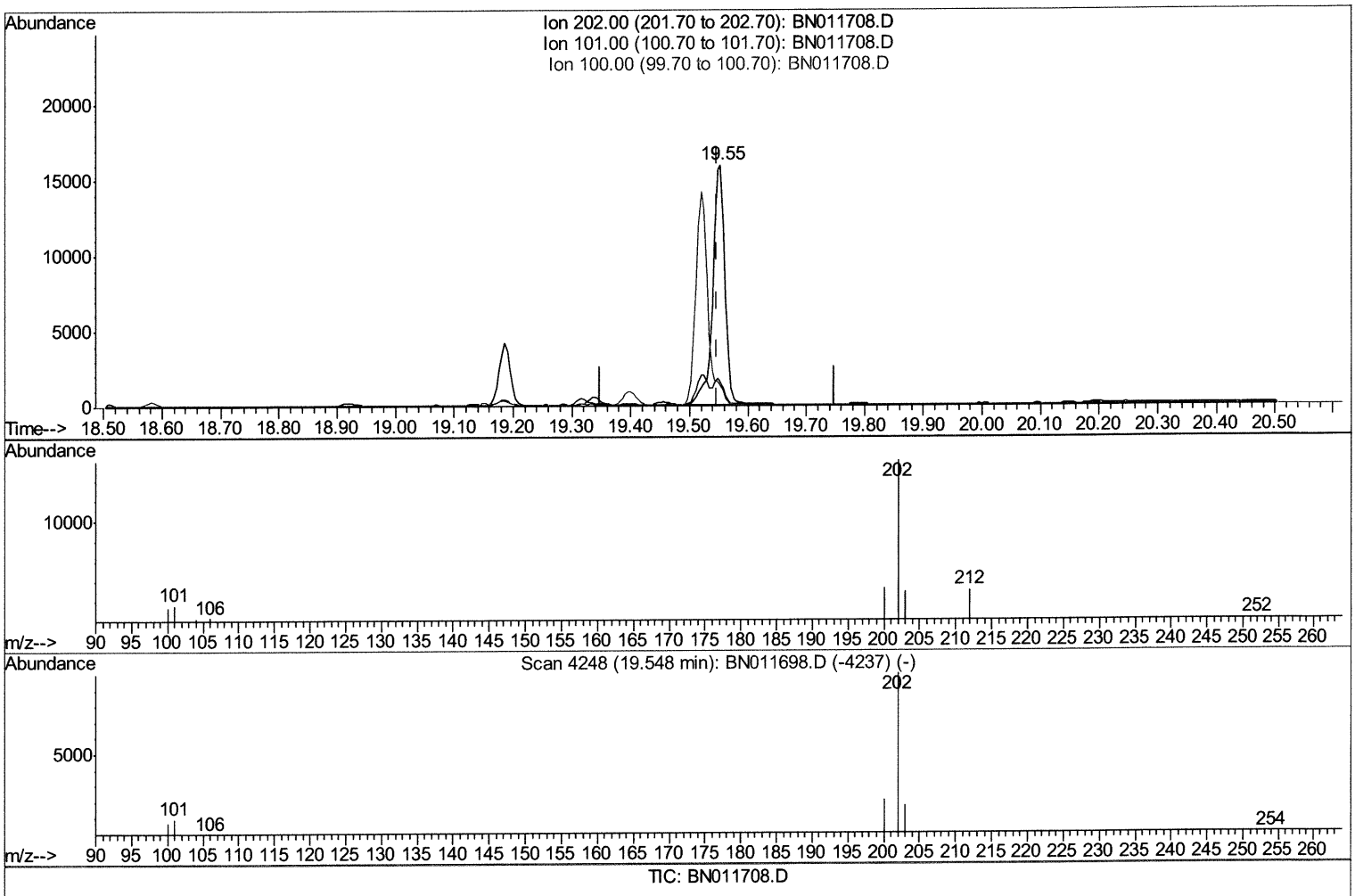

TIC: BN011708.D

(17) Pyrene

19.553min (+0.005) 0.61ng/ul

response 22897

Ion	Exp%	Act%
202.00	100	100
101.00	9.10	10.10
100.00	8.40	8.56
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090420\
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Acq On : 04 Sep 2020 18:44
Operator : CG/JU
Sample : L3840-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 05 01:46:57 2020
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 05 01:37:48 2020
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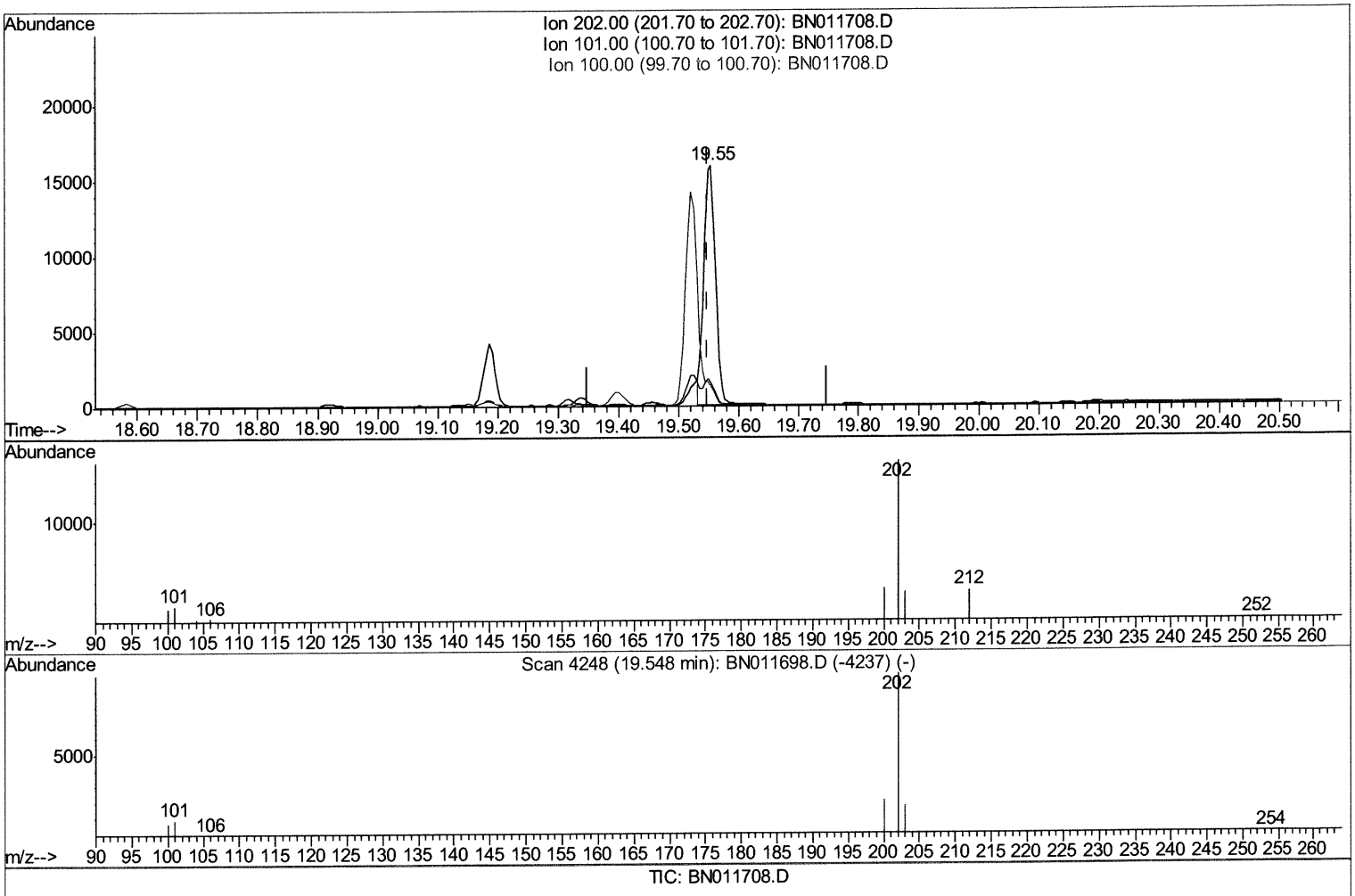
Instrument :
BNA_N
ClientSampleId :
C0AA8

Manual Integrations APPROVED
mohammad
9/8/2020 1:47:00 PM



TIC: BN011708.D

(17) Pyrene

19.553min (+0.005) 0.57ng/ul m 09/09/20 JU

response 21248

Ion	Exp%	Act%
202.00	100	100
101.00	9.10	10.10
100.00	8.40	8.56
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090420\
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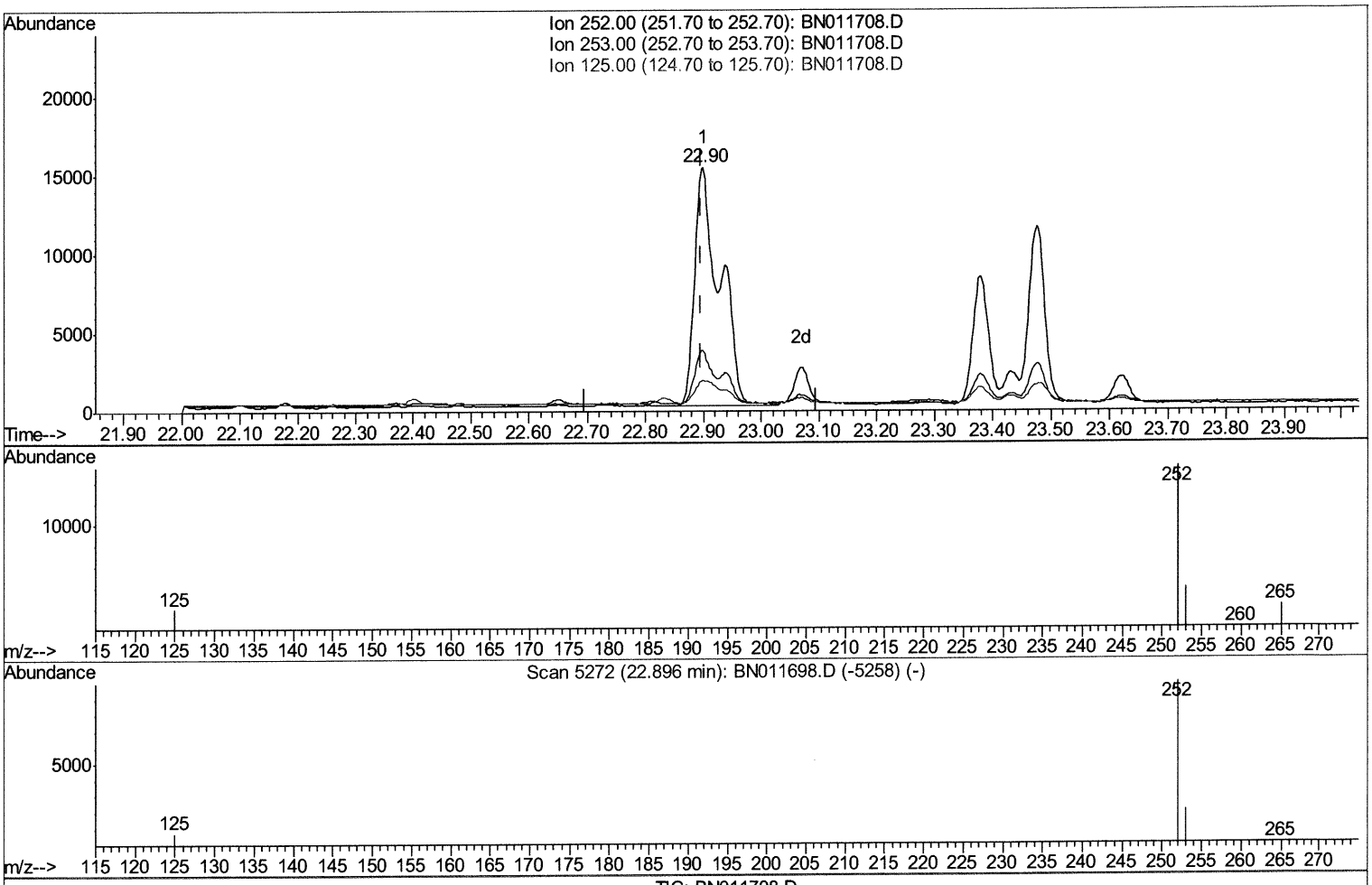
Acq On : 04 Sep 2020 18:44
Operator : CG/JU
Sample : L3840-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 05 01:46:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 05 01:37:48 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AA8

Manual Integrations APPROVED
mohammad
9/8/2020 1:47:00 PM



TIC: BN011708.D

(21) Benzo(b)fluoranthene

22.899min (+0.003) 1.05ng/ul

response 45565

Ion	Exp%	Act%
252.00	100	100
253.00	27.40	24.88
125.00	11.10	12.65
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090420\
Data File : BN011708.D
Acq On : 04 Sep 2020 18:44
Operator : CG/JU
Sample : L3840-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 05 01:46:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 05 01:37:48 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AA8

Manual Integrations APPROVED
mohammad
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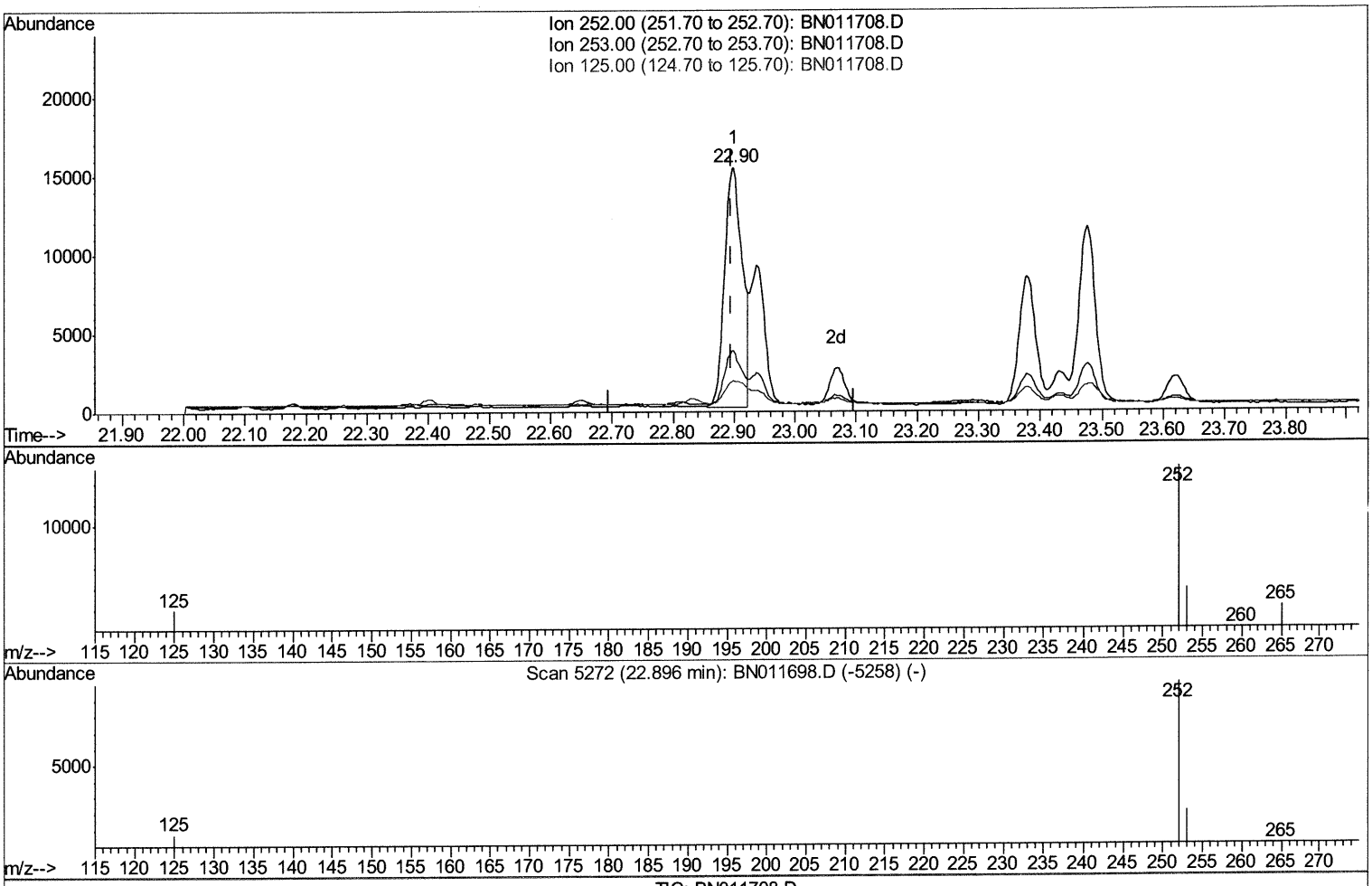


TIC: BN011708.D

(21) Benzo(b)fluoranthene

22.899min (+0.003) 0.70ng/ul m 09/09/20 JU

response 30683

Ion	Exp%	Act%
252.00	100	100
253.00	27.40	24.88
125.00	11.10	12.65
0.00	0.00	0.00

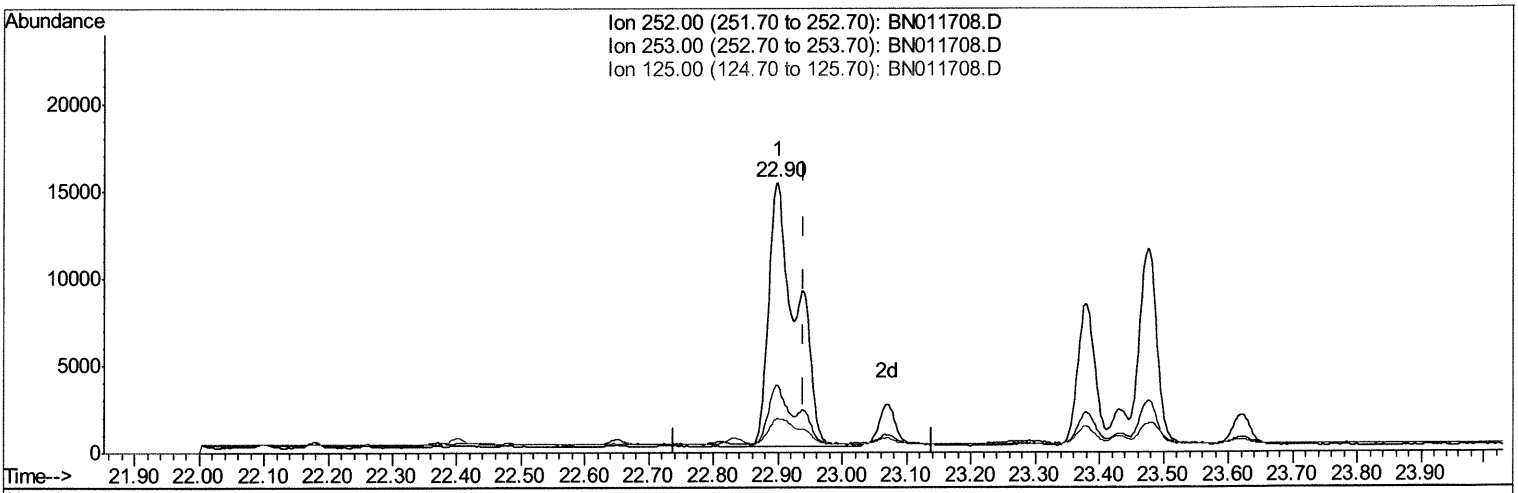
Quantitation Report (Qedit)

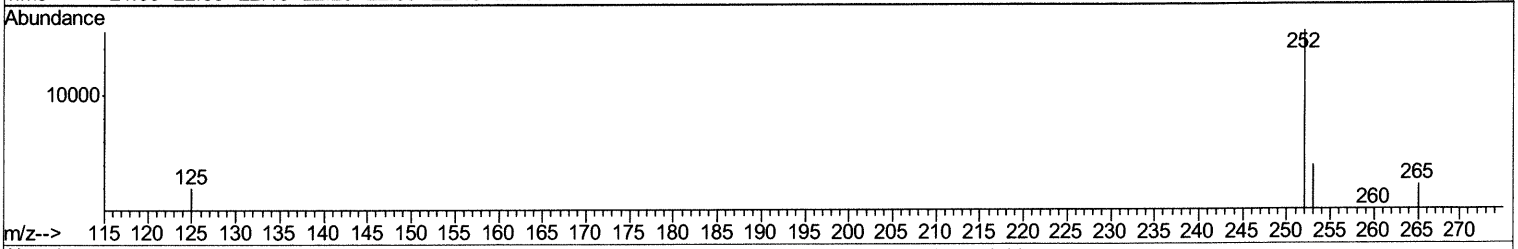
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090420\
Data File : BN011708.D
Acq On : 04 Sep 2020 18:44
Operator : CG/JU
Sample : L3840-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

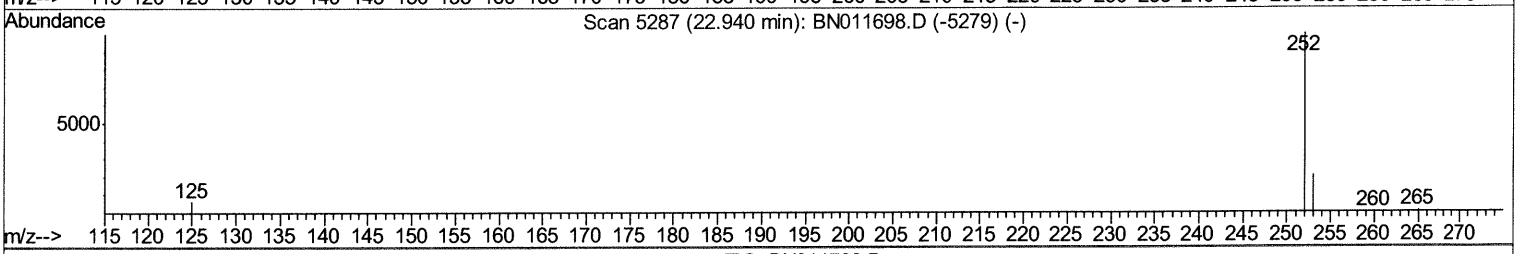
Quant Time: Sep 05 01:46:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 05 01:37:48 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AA8

Manual Integrations APPROVED
mohammad
9/8/2020 1:47:00 PM







TIC: BN011708.D

(22) Benzo(k)fluoranthene

22.899min (-0.041) 0.95ng/ul

response 45565

Ion	Exp%	Act%
252.00	100	100
253.00	27.20	24.88
125.00	11.40	12.65
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090420\
Data File : BN011708.D
Acq On : 04 Sep 2020 18:44
Operator : CG/JU
Sample : L3840-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 05 01:46:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 05 01:37:48 2020
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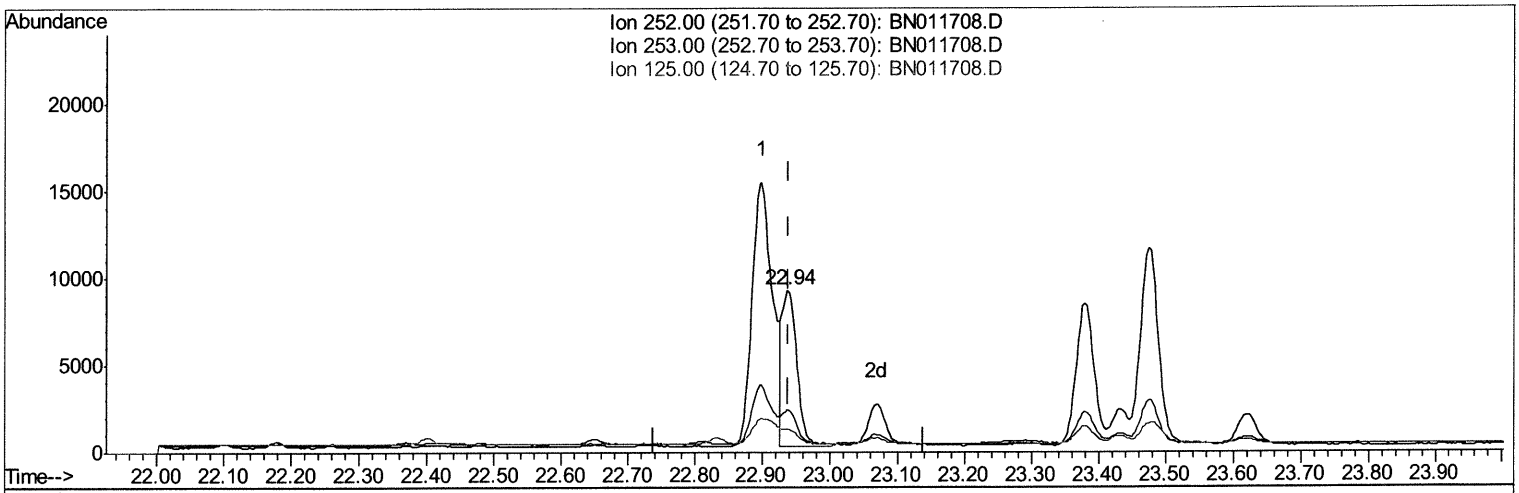
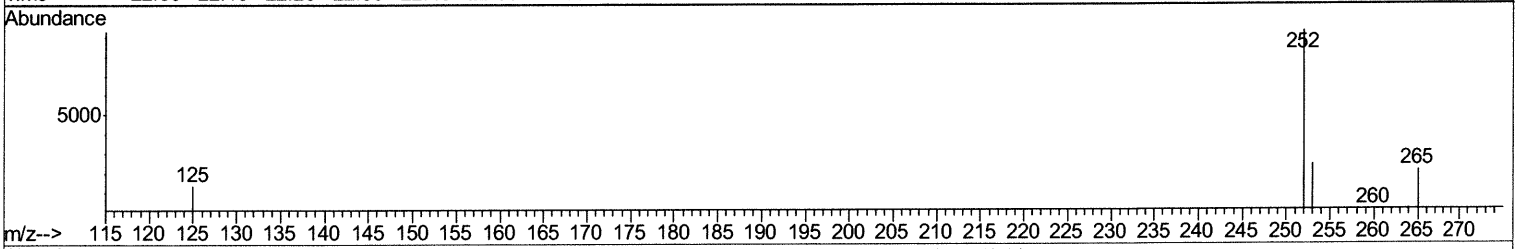
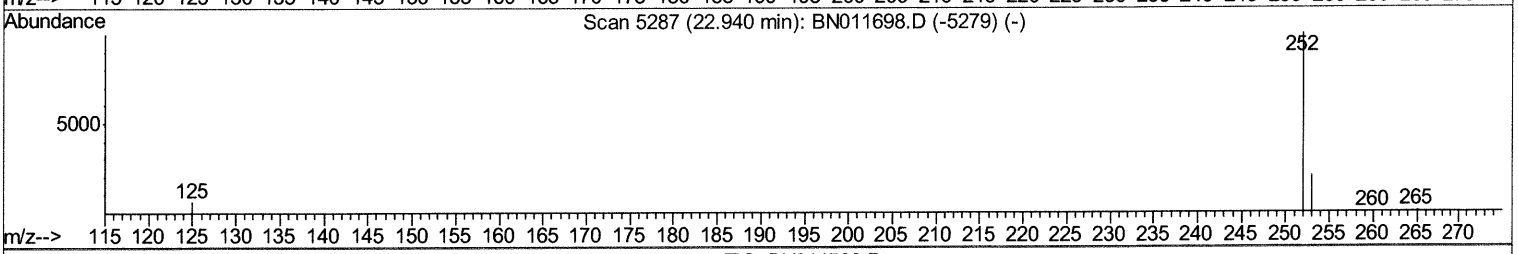
Instrument :
BNA_N
ClientSampleId :
C0AA8

Manual Integrations APPROVED
mohammad
9/8/2020 1:47:00 PM







TIC: BN011708.D

(22) Benzo(k)fluoranthene

22.937min (-0.003) 0.29ng/ul m 09/09/20 JU

response 13868

Ion	Exp%	Act%
252.00	100	100
253.00	27.20	26.33
125.00	11.40	14.42#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090420\
Data File : BN011708.D
Acq On : 04 Sep 2020 18:44
Operator : CG/JU
Sample : L3840-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AA8

Manual Integrations APPROVED
mohammad
9/8/2020 1:47:00 PM

Quant Time: Sep 05 01:48:27 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	2088	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	8076	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	4805	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.13	188	10369m >	0.40	ng/ul >	0.00 09/09/20 JU
16) Chrysene-d12	21.32	240	9530	0.40	ng/ul	0.00
20) Perylene-d12	23.57	264	10028	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.12	152	4640	0.41	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	9960	0.34	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.57	128	2566	0.109	ng/ul	96
5) 2-Methylnaphthalene	12.19	142	450	0.030	ng/ul	97
7) Acenaphthylene	14.10	152	3143	0.130	ng/ul	97
9) Fluorene	15.43	166	610	0.027	ng/ul#	96
12) Phenanthrene	17.16	178	2784	0.079	ng/ul	96
13) Anthracene	17.26	178	4634	0.161	ng/ul	99
15) Fluoranthene	19.19	202	5315	0.132	ng/ul	93
17) Pyrene	19.55	202	21248m >	0.570	ng/ul >	09/09/20 JU
18) Benzo(a)anthracene	21.30	228	9177	0.287	ng/ul	96
19) Chrysene	21.36	228	23050	0.535	ng/ul	100
21) Benzo(b)fluoranthene	22.90	252	30683m ?	0.704	ng/ul ?	
22) Benzo(k)fluoranthene	22.94	252	13868m ?	0.288	ng/ul ?	09/09/20 JU
23) Benzo(a)pyrene	23.47	252	21147	0.577	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	25.83	276	15150	0.306	ng/ul	98
25) Dibenzo(a,h)anthracene	25.85	278	4463	0.111	ng/ul#	87
26) Benzo(g,h,i)perylene	26.53	276	14662	0.316	ng/ul	98

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