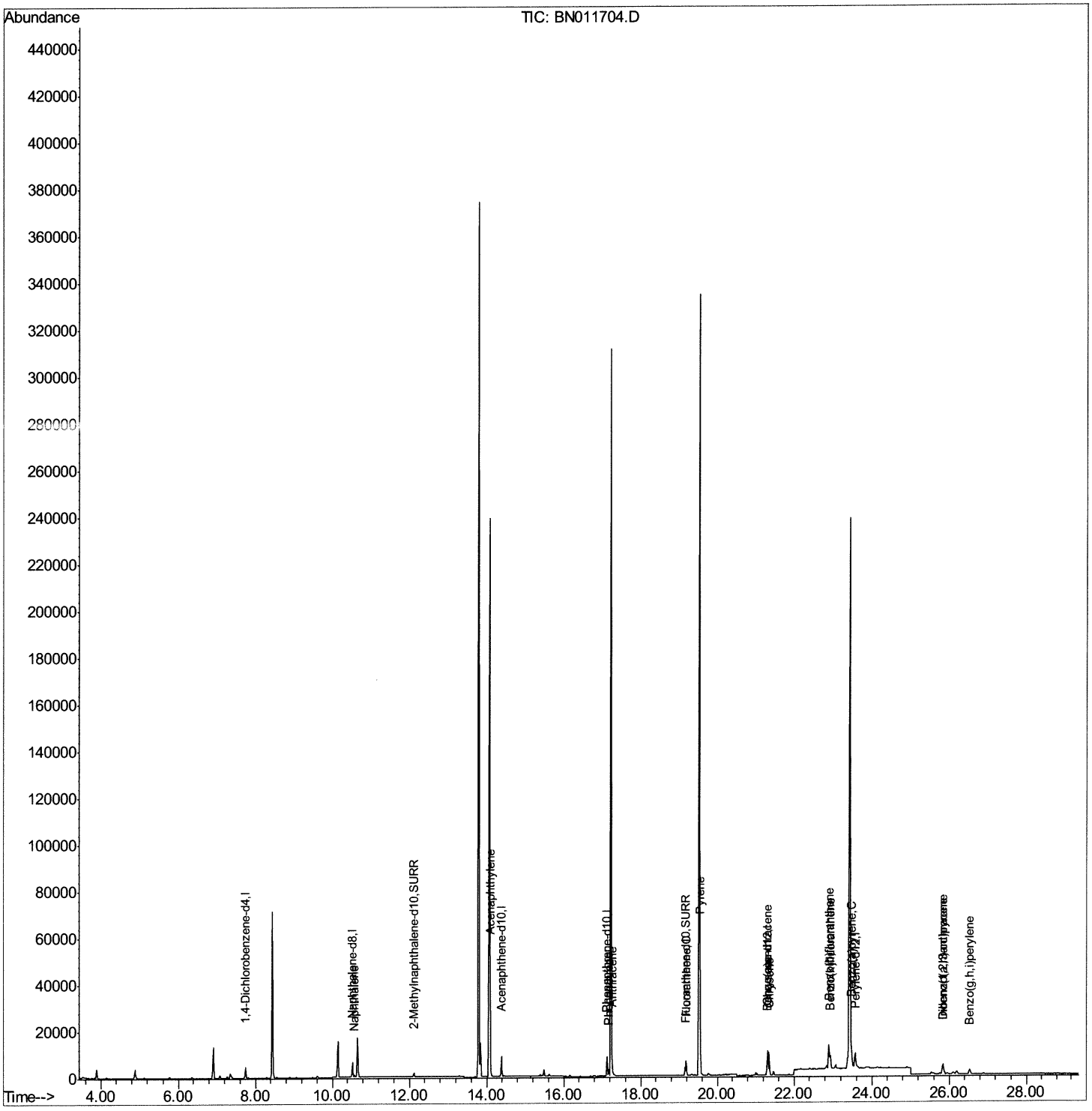
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN090420\
Data File : BN011704.D
Acq On : 04 Sep 2020 16:20
Operator : CG/JU
Sample : L3840-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 04 16:55:14 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 : Fri Sep 04 13:19:04 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB2

Manual Integrations APPROVED
mohammad
9/8/2020 1:46:47 PM



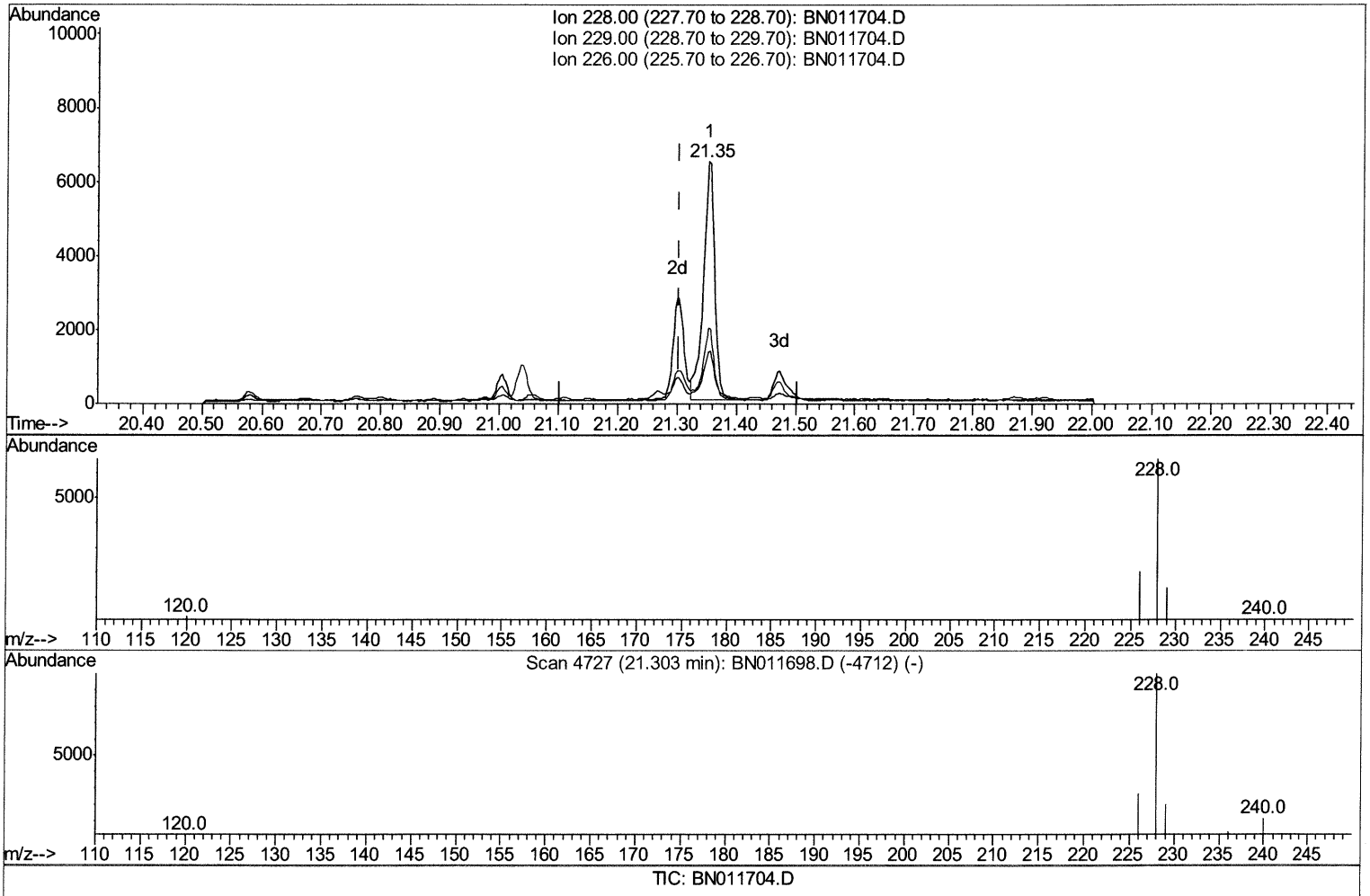
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN090420\
Data File : BN011704.D
Acq On : 04 Sep 2020 16:20
Operator : CG/JU
Sample : L3840-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 04 16:53:21 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 : Fri Sep 04 13:19:04 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB2

Manual Integrations APPROVED
mohammad
9/8/2020 1:46:47 PM



TIC: BN011704.D

(18) Benzo(a)anthracene

21.353min (+0.050) 0.30ng/ul

response 8594

Ion	Exp%	Act%
228.00	100	100
229.00	20.90	21.51
226.00	28.60	31.35
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN090420\
Data File : BN011704.D
Acq On : 04 Sep 2020 16:20
Operator : CG/JU
Sample : L3840-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 04 16:53:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
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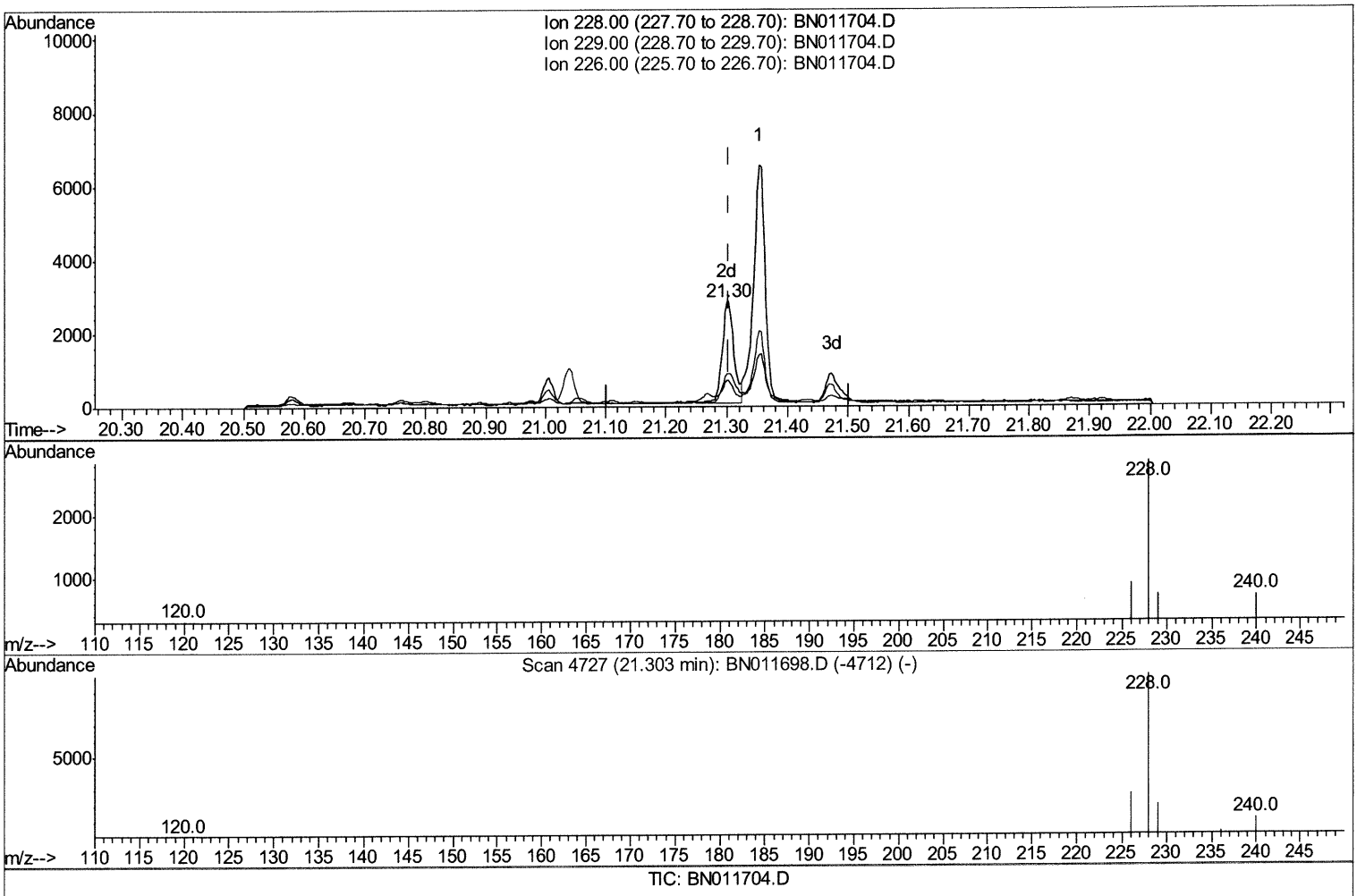
QLast Update : Fri Sep 04 13:19:04 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB2

Manual Integrations APPROVED
mohammad
9/8/2020 1:46:47 PM



TIC: BN011704.D

(18) Benzo(a)anthracene

21.300min (-0.003) 0.13ng/ul m 09/09/20 JU

response 3690

Ion	Exp%	Act%
228.00	100	100
229.00	20.90	25.29#
226.00	28.60	31.71
0.00	0.00	0.00

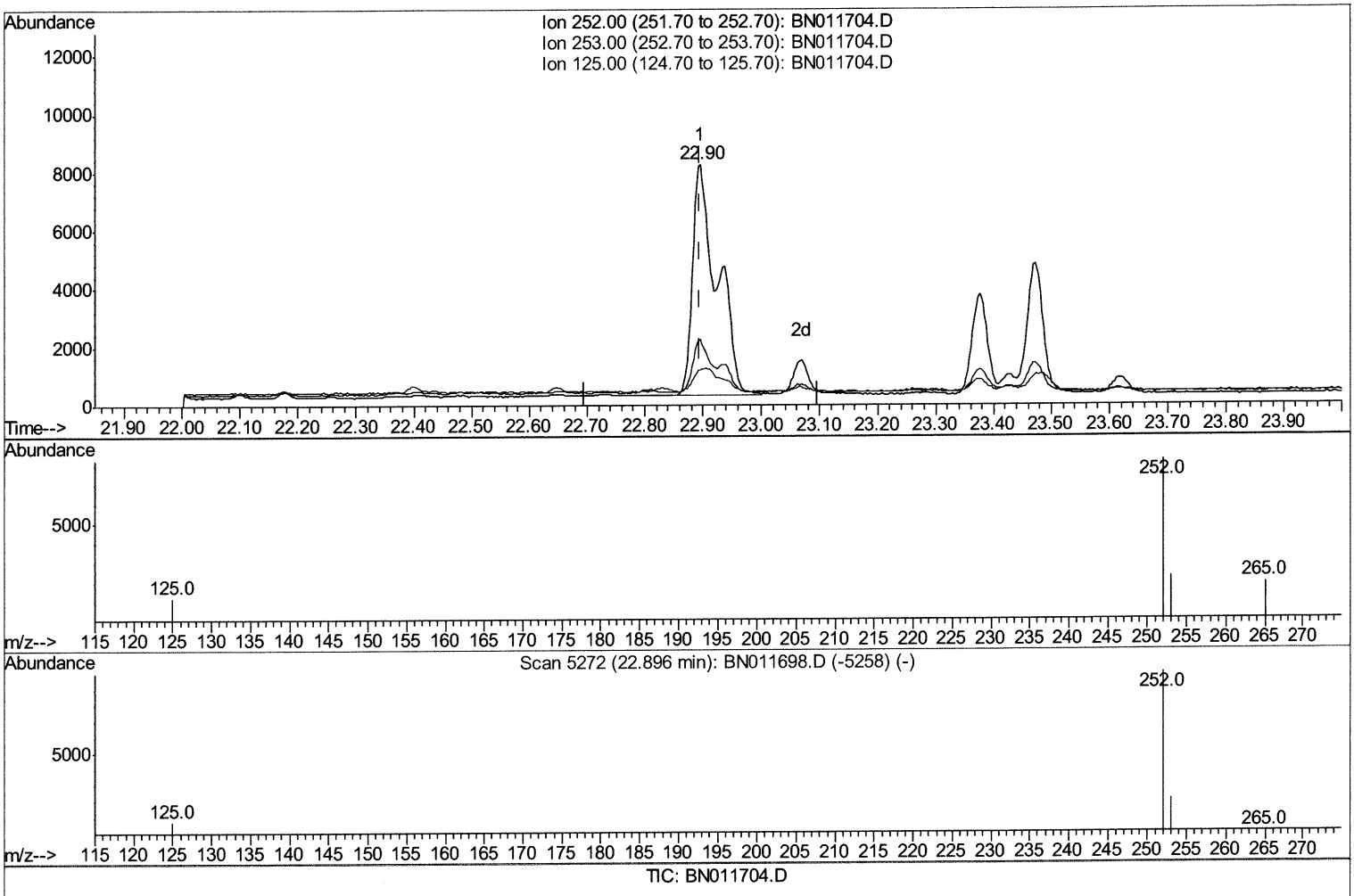
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN090420\
Data File : BN011704.D
Acq On : 04 Sep 2020 16:20
Operator : CG/JU
Sample : L3840-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 04 16:53:21 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 : Fri Sep 04 13:19:04 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB2

Manual Integrations APPROVED
mohammad
9/8/2020 1:46:47 PM



TIC: BN011704.D

(21) Benzo(b)fluoranthene

22.896min (0.000) 0.62ng/ul

response 23388

Ion	Exp%	Act%
252.00	100	100
253.00	27.40	27.16
125.00	11.10	14.61
0.00	0.00	0.00

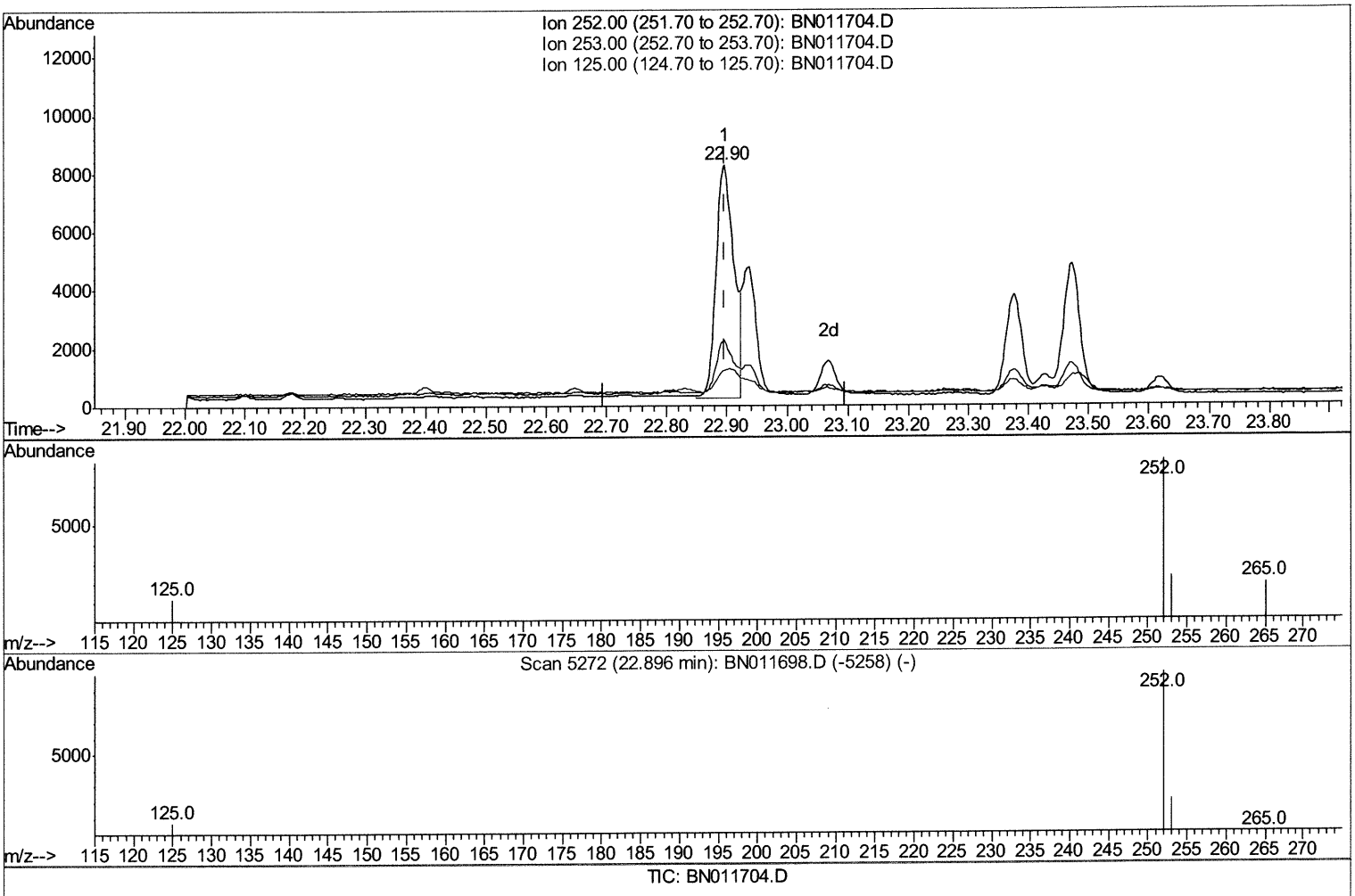
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN090420\
Data File : BN011704.D
Acq On : 04 Sep 2020 16:20
Operator : CG/JU
Sample : L3840-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 04 16:53:21 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 : Fri Sep 04 13:19:04 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB2

Manual Integrations APPROVED
mohammad
9/8/2020 1:46:47 PM



TIC: BN011704.D

(21) Benzo(b)fluoranthene

22.896min (0.000) 0.43ng/ul m 09/09/20 JU

response 16464

Ion	Exp%	Act%
252.00	100	100
253.00	27.40	27.16
125.00	11.10	14.61
0.00	0.00	0.00

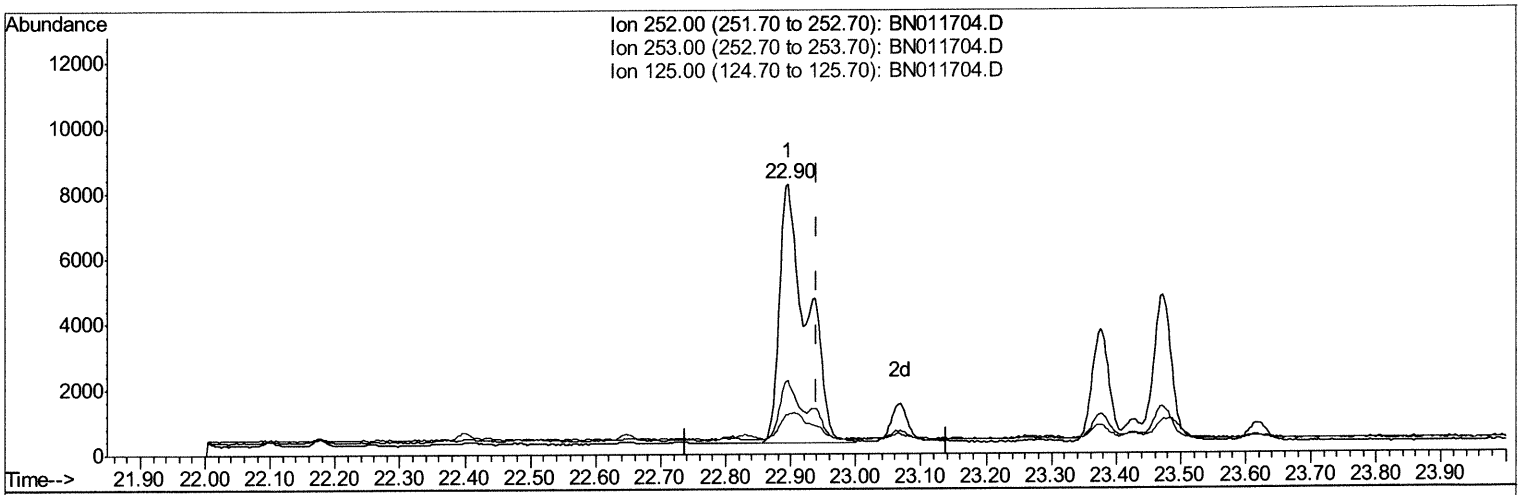
Quantitation Report (Qedit)

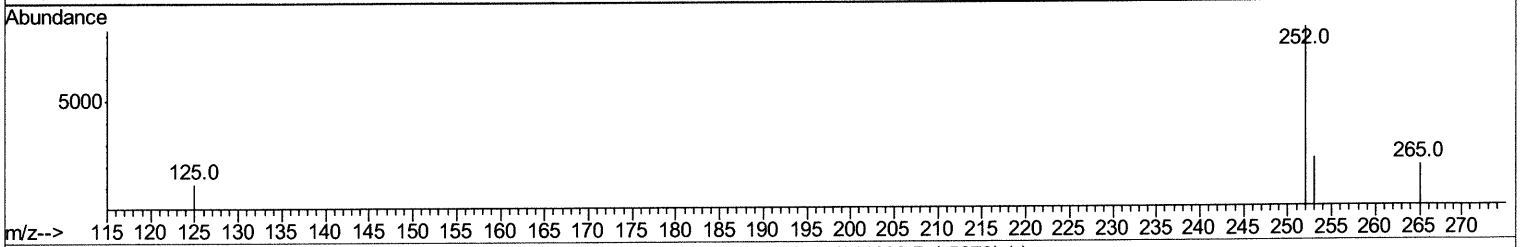
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN090420\
Data File : BN011704.D
Acq On : 04 Sep 2020 16:20
Operator : CG/JU
Sample : L3840-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

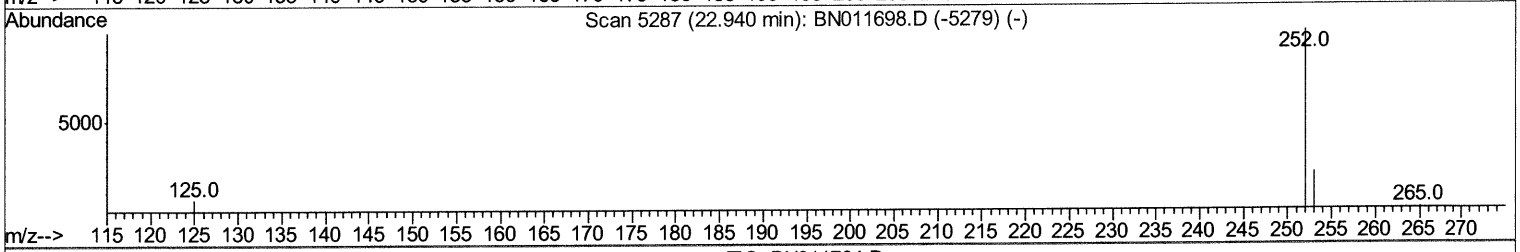
Quant Time: Sep 04 16:53:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 04 13:19:04 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB2

Manual Integrations APPROVED
mohammad
9/8/2020 1:46:47 PM







TIC: BN011704.D

(22) Benzo(k)fluoranthene

22.896min (-0.044) 0.56ng/ul

response 23388

Ion	Exp%	Act%
252.00	100	100
253.00	27.20	27.16
125.00	11.40	14.61#
0.00	0.00	0.00

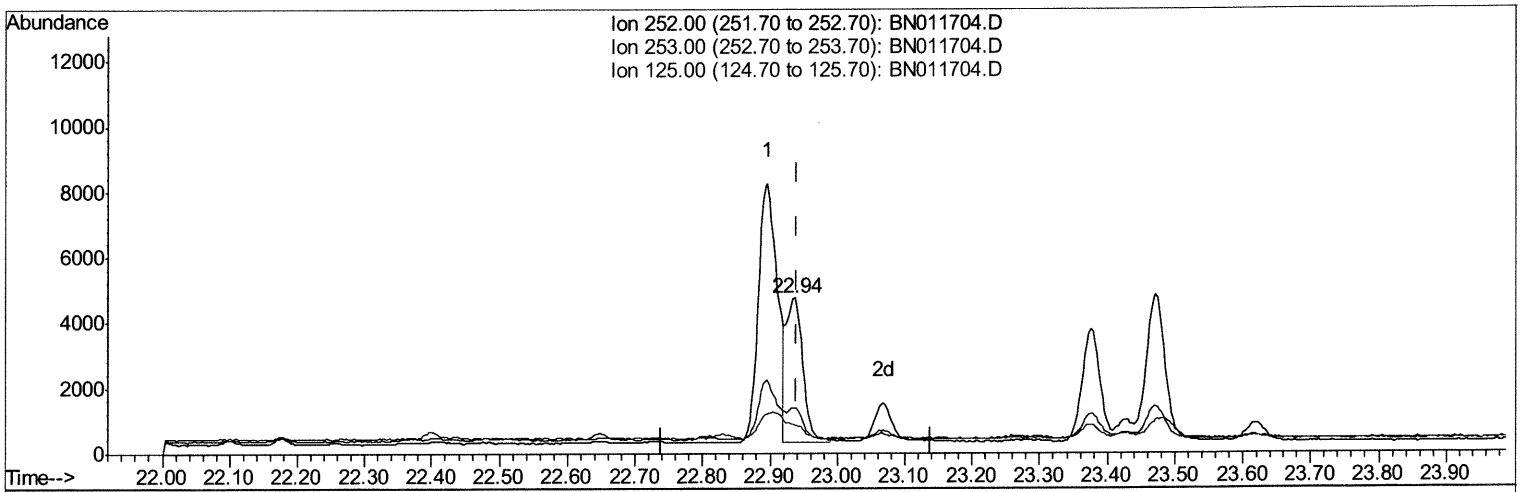
Quantitation Report (Qedit)

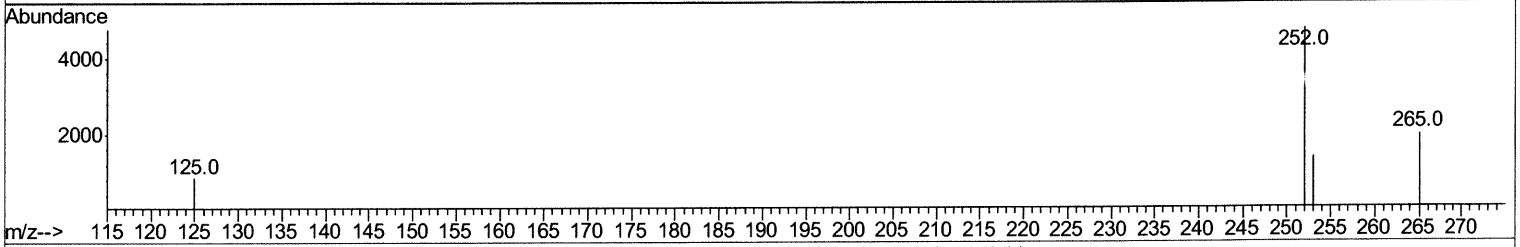
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN090420\
Data File : BN011704.D
Acq On : 04 Sep 2020 16:20
Operator : CG/JU
Sample : L3840-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

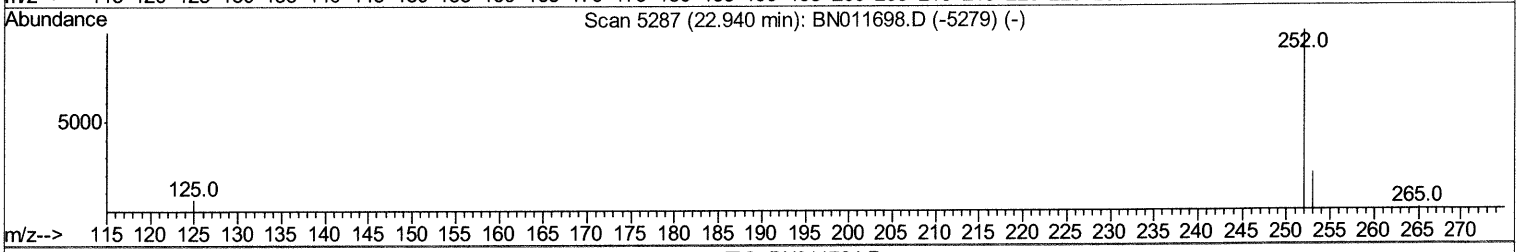
Quant Time: Sep 04 16:53:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 04 13:19:04 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB2

Manual Integrations APPROVED
mohammad
9/8/2020 1:46:47 PM







TIC: BN011704.D

(22) Benzo(k)fluoranthene

22.937min (-0.003) 0.18ng/ul m 09/09/20 JU

response 7649

Ion	Exp%	Act%
252.00	100	100
253.00	27.20	29.16
125.00	11.40	18.29#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN090420\
Data File : BN011704.D
Acq On : 04 Sep 2020 16:20
Operator : CG/JU
Sample : L3840-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AB2

Manual Integrations APPROVED
mohammad
9/8/2020 1:46:47 PM

Quant Time: Sep 04 16:55:14 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 : Fri Sep 04 13:19:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	2132	0.40 ng/ul	0.00
2) Naphthalene-d8	10.52	136	8205	0.40 ng/ul	0.00
6) Acenaphthene-d10	14.38	164	4618	0.40 ng/ul	0.00
10) Phenanthrene-d10	17.13	188	9968	0.40 ng/ul	0.00
16) Chrysene-d12	21.32	240	8572	0.40 ng/ul	0.00
20) Perylene-d12	23.57	264	8734	0.40 ng/ul	0.00
System Monitoring Compounds					
4) 2-Methylnaphthalene-d10	12.12	152	2009	0.17 ng/ul	0.00
14) Fluoranthene-d10	19.16	212	3941	0.14 ng/ul	0.00
Target Compounds					Qvalue
3) Naphthalene	10.58	128	1020	0.043 ng/ul#	88
7) Acenaphthylene	14.10	152	1847	0.079 ng/ul	97
12) Phenanthrene	17.17	178	2945	0.087 ng/ul	98
13) Anthracene	17.26	178	2265	0.082 ng/ul	95
15) Fluoranthene	19.19	202	5249	0.135 ng/ul	96
17) Pyrene	19.55	202	13832	0.413 ng/ul#	95
18) Benzo(a)anthracene	21.30	228	3690m	0.128 ng/ul	09/09/20 JU
19) Chrysene	21.35	228	8760	0.226 ng/ul	98
21) Benzo(b)fluoranthene	22.90	252	16464m	0.434 ng/ul	
22) Benzo(k)fluoranthene	22.94	252	7649m	0.182 ng/ul	09/09/20 JU
23) Benzo(a)pyrene	23.47	252	8607	0.270 ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	25.83	276	6616	0.153 ng/ul#	100
25) Dibenzo(a,h)anthracene	25.84	278	2158	0.061 ng/ul#	67
26) Benzo(g,h,i)perylene	26.53	276	4367	0.108 ng/ul#	91

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