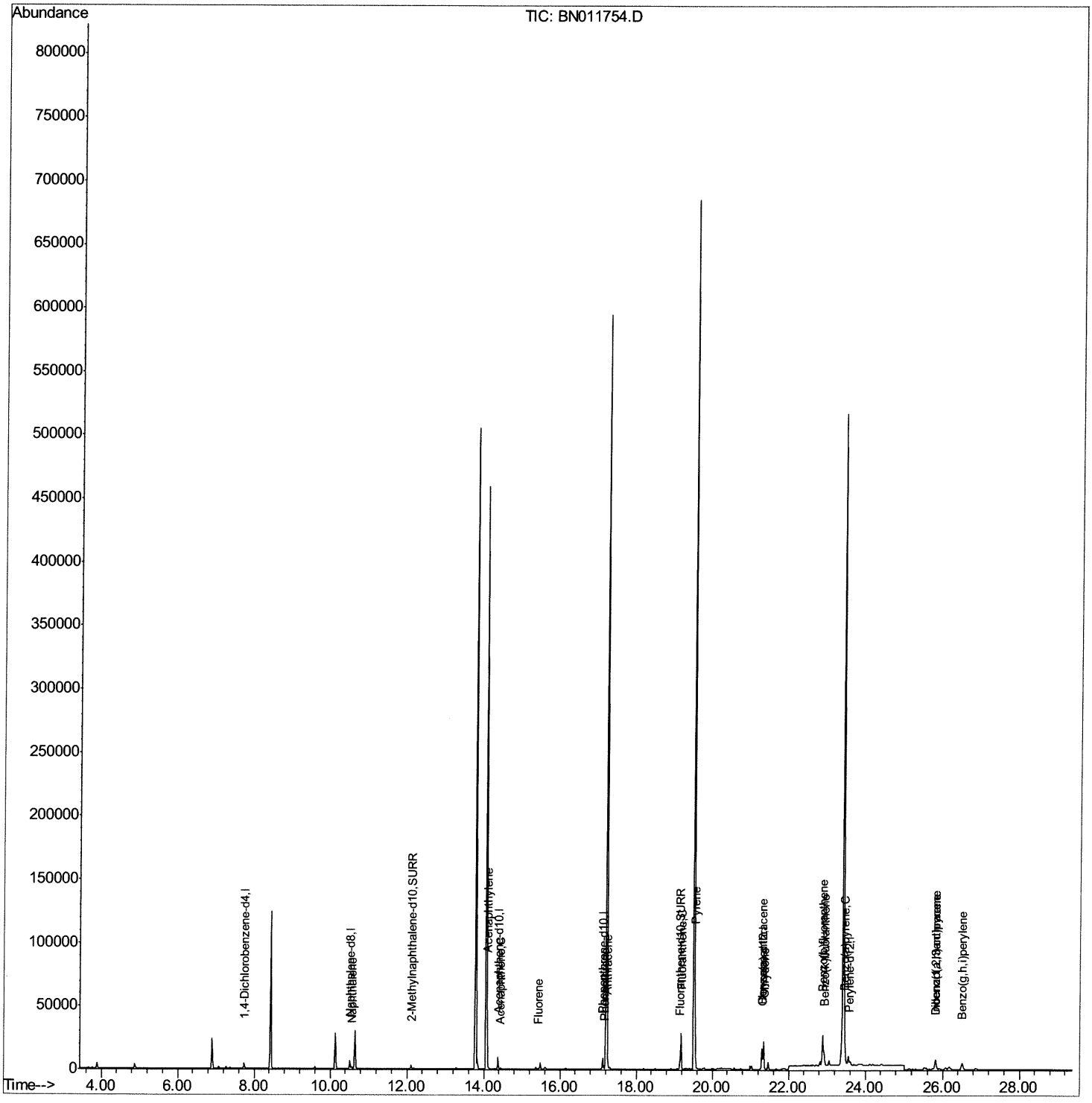
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
Data File : BN011754.D
Acq On : 09 Sep 2020 02:08
Operator : CG/JU
Sample : L3843-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Sep 09 07:35:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN090820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 09 07:05:35 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AD0

Manual Integrations APPROVED
Sohil
9/9/2020 3:46:35 PM



Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
Data File : BN011754.D
Acq On : 09 Sep 2020 02:08
Operator : CG/JU
Sample : L3843-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Sep 09 07:12:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN090820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 09 07:05:35 2020
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ClientSampleId :
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Manual Integrations APPROVED
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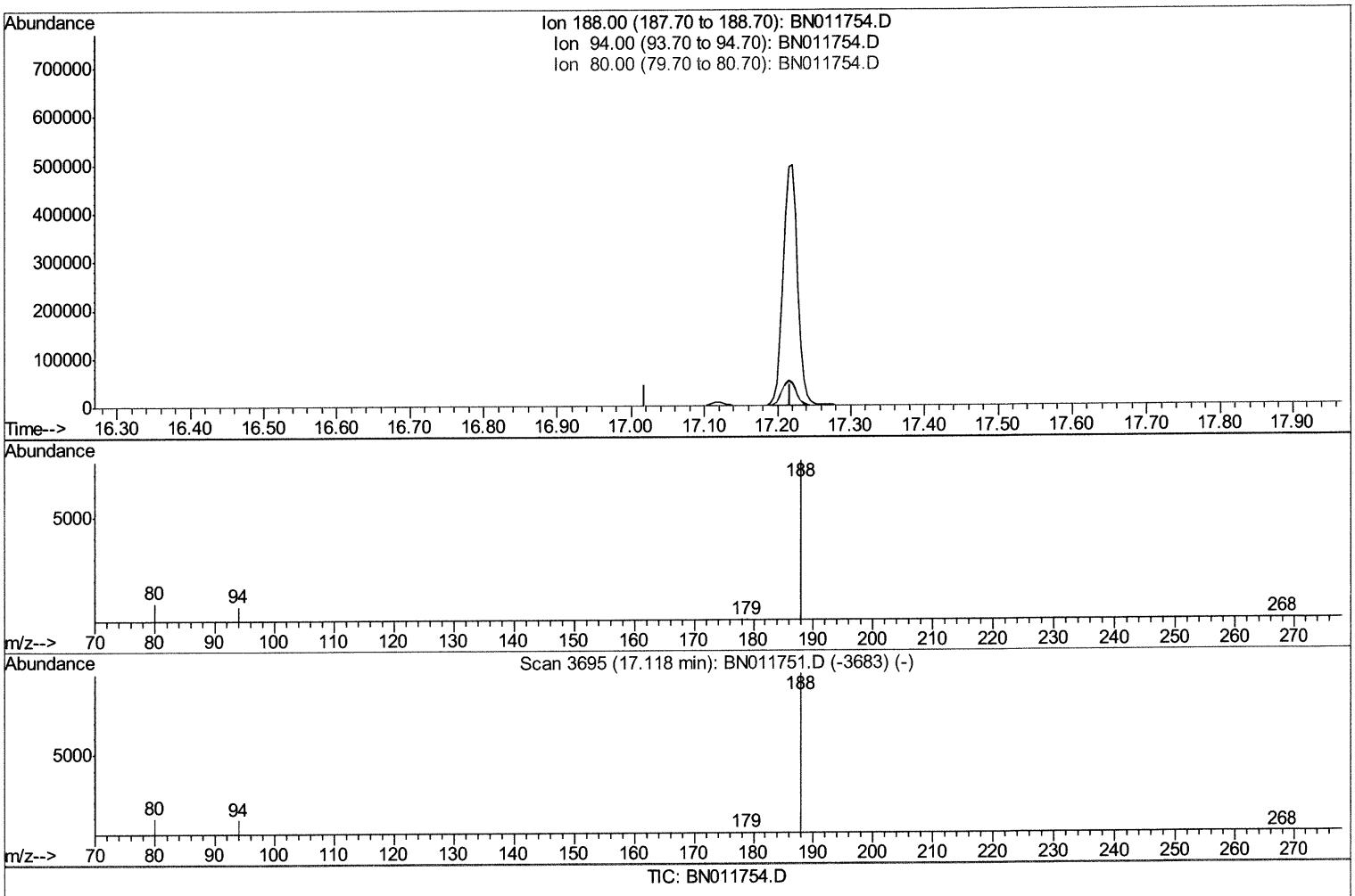
9/9/2020 3:46:35 PM



TIC: BN011754.D

(10) Phenanthrene-d10 (I)

17.118min (-17.118) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	8.40	0.00#
80.00	9.90	0.00#
0.00	0.00	0.00

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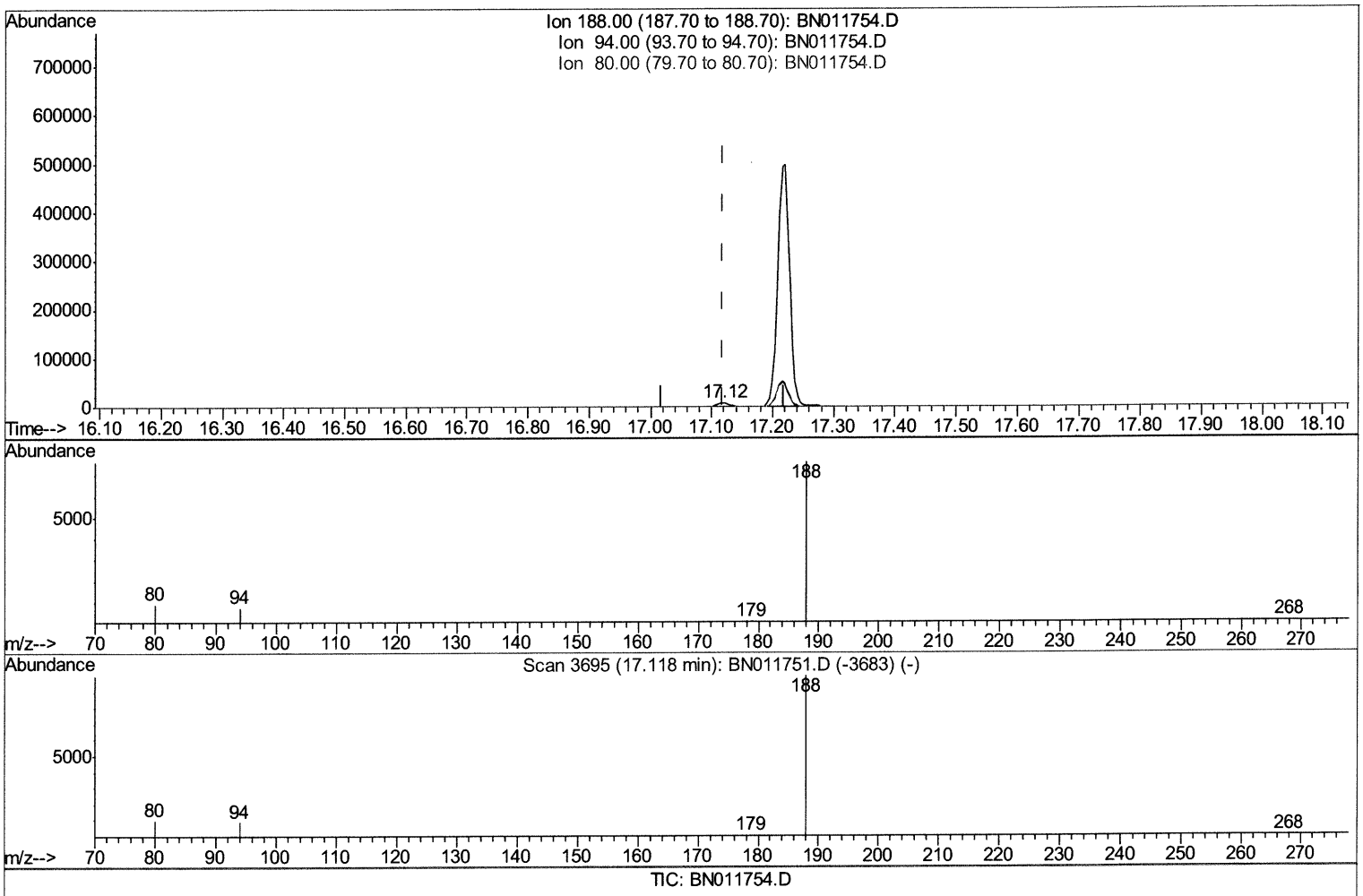
Manual Integrations APPROVED
Sohil
9/9/2020 3:46:35 PM



TIC: BN011754.D

(10) Phenanthrene-d10 (I)

17.118min (+0.000) 0.40ng/ul m 09/09/20 JU

response 10291

Ion	Exp%	Act%
188.00	100	100
94.00	8.40	9.69
80.00	9.90	11.53
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
Data File : BN011754.D
Acq On : 09 Sep 2020 02:08
Operator : CG/JU
Sample : L3843-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Sep 09 07:34:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN090820.M
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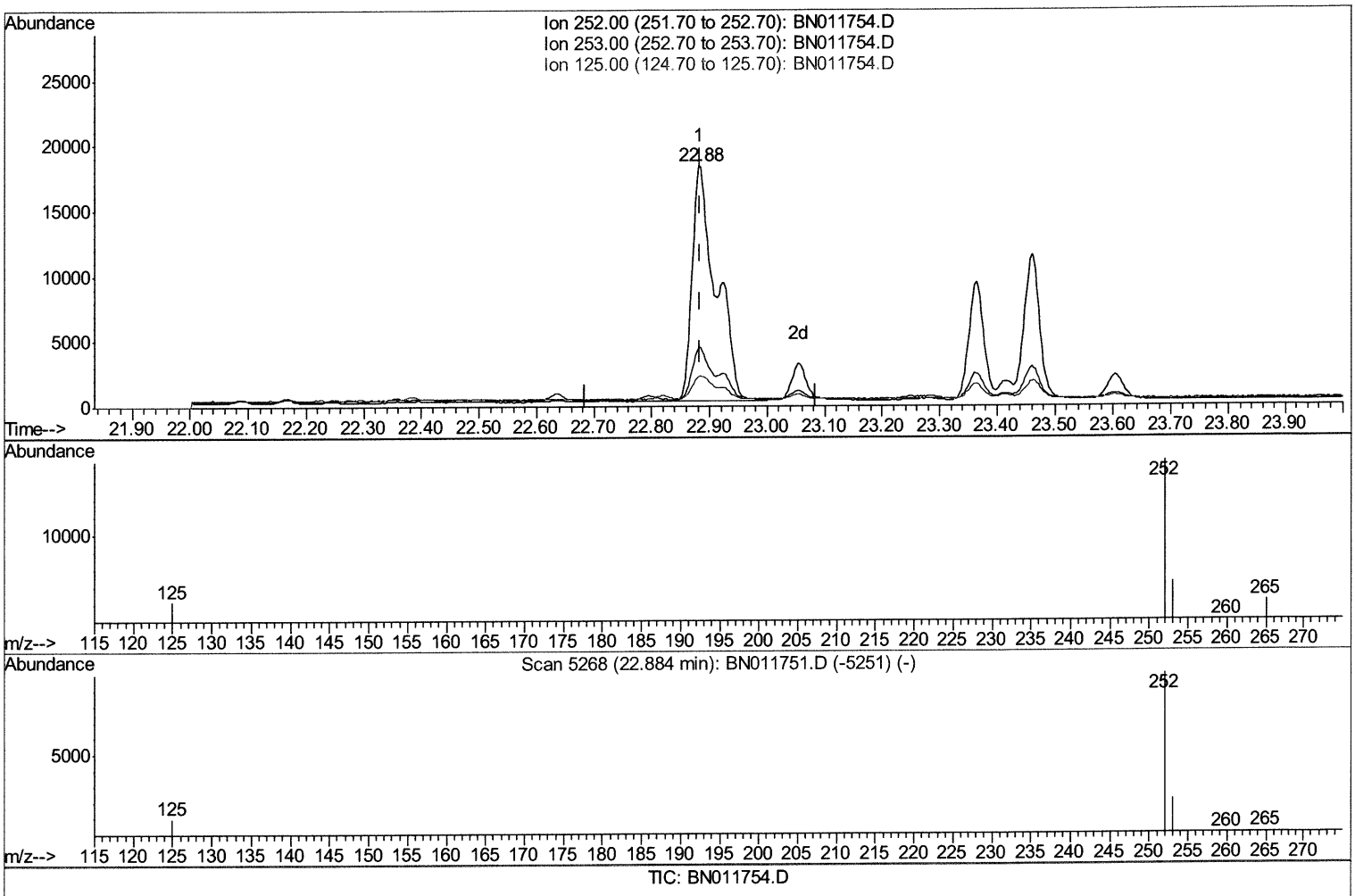
Instrument :
BNA_N
ClientSampleId :
C0AD0

Manual Integrations APPROVED
Sohil
9/9/2020 3:46:35 PM



TIC: BN011754.D

(21) Benzo(b)fluoranthene

22.881min (-0.003) 1.21ng/ul

response 51984

Ion	Exp%	Act%
252.00	100	100
253.00	25.30	24.33
125.00	11.80	12.39
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
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Acq On : 09 Sep 2020 02:08
Operator : CG/JU
Sample : L3843-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Sep 09 07:34:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN090820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Instrument :
BNA_N
ClientSampleId :
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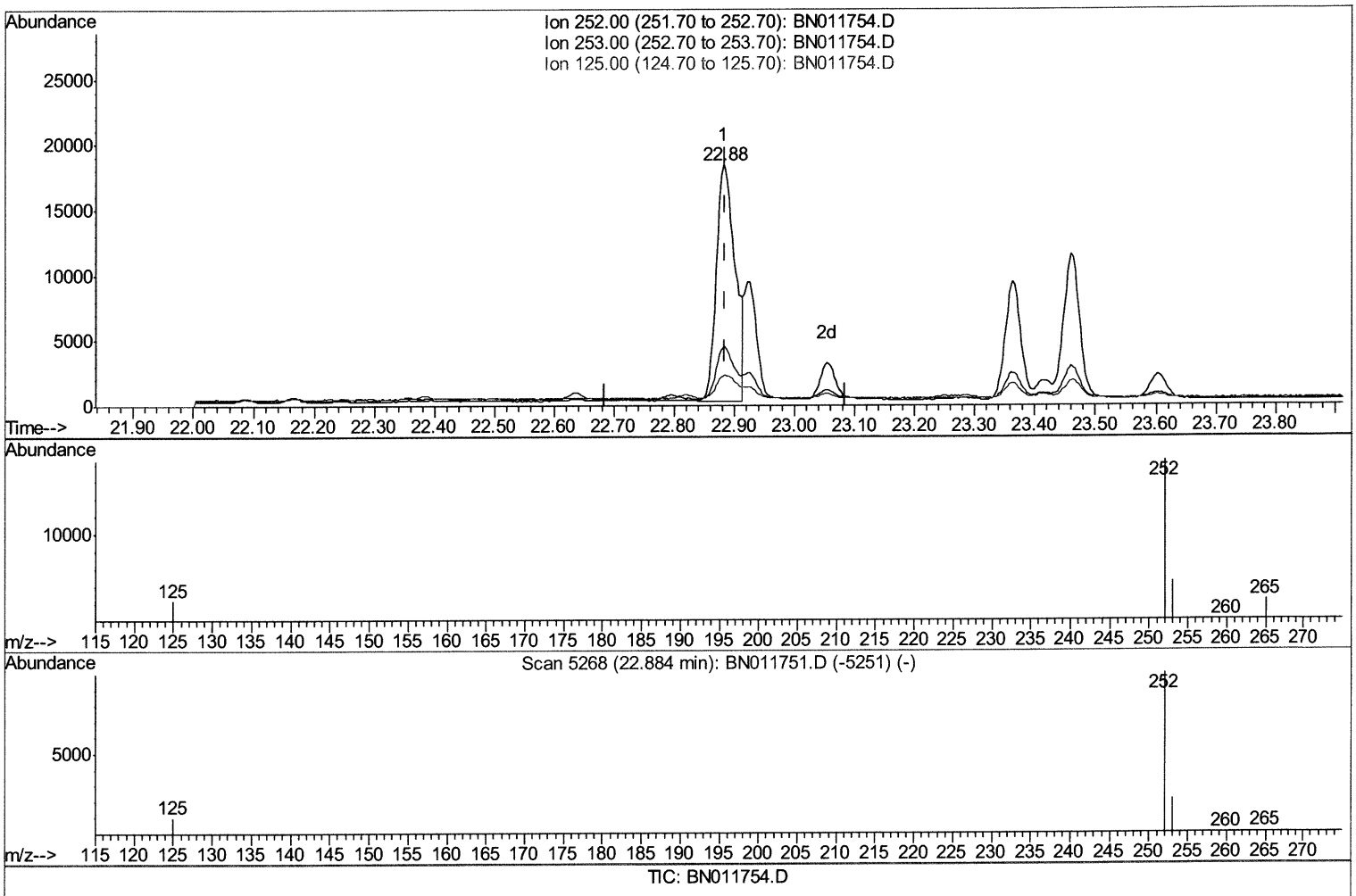
Manual Integrations APPROVED
Sohil
9/9/2020 3:46:35 PM



TIC: BN011754.D

(21) Benzo(b)fluoranthene

22.881min (-0.003) 0.91ng/ul m 09/09/20 JU

response 38959

Ion	Exp%	Act%
252.00	100	100
253.00	25.30	24.33
125.00	11.80	12.39
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
Data File : BN011754.D
Acq On : 09 Sep 2020 02:08
Operator : CG/JU
Sample : L3843-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Sep 09 07:34:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN090820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 09 07:05:35 2020
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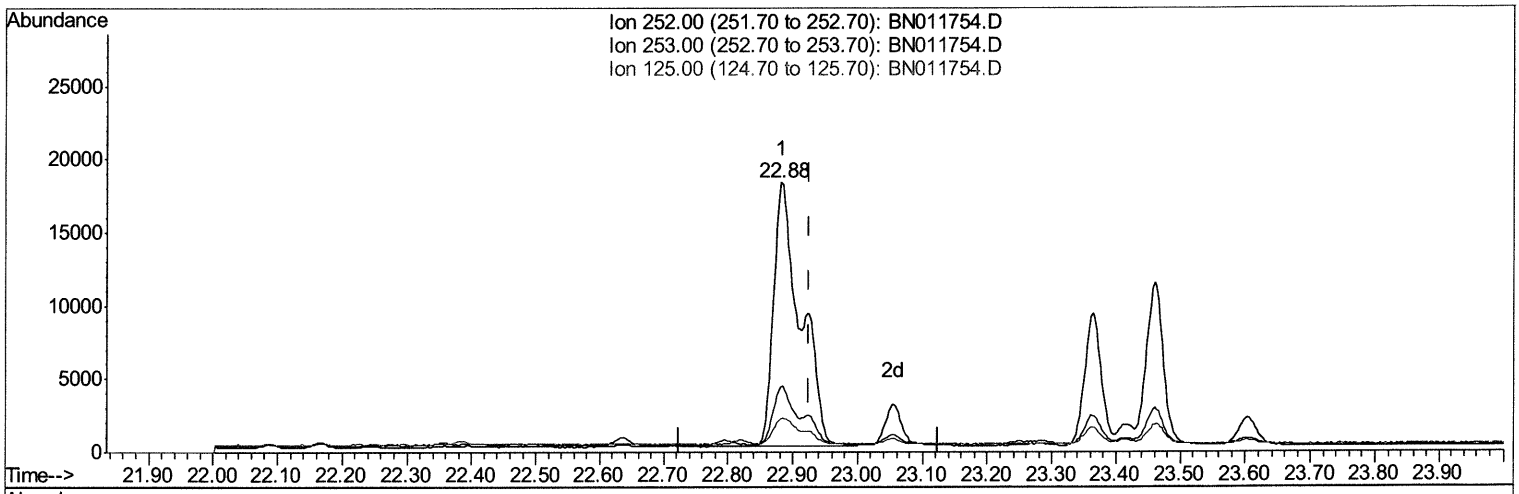
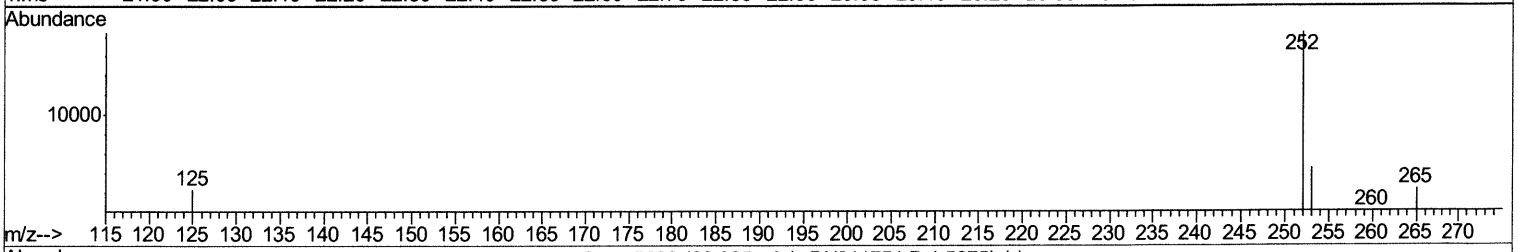
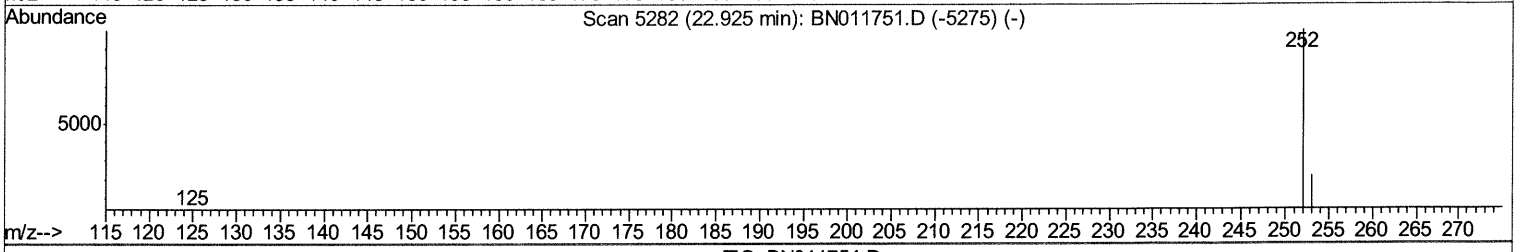
Instrument :
BNA_N
ClientSampleId :
C0AD0

Manual Integrations APPROVED
Sohil
9/9/2020 3:46:35 PM







TIC: BN011754.D

(22) Benzo(k)fluoranthene

22.881min (-0.044) 1.18ng/ul

response 51984

Ion	Exp%	Act%
252.00	100	100
253.00	25.90	24.33
125.00	12.10	12.39
0.00	0.00	0.00

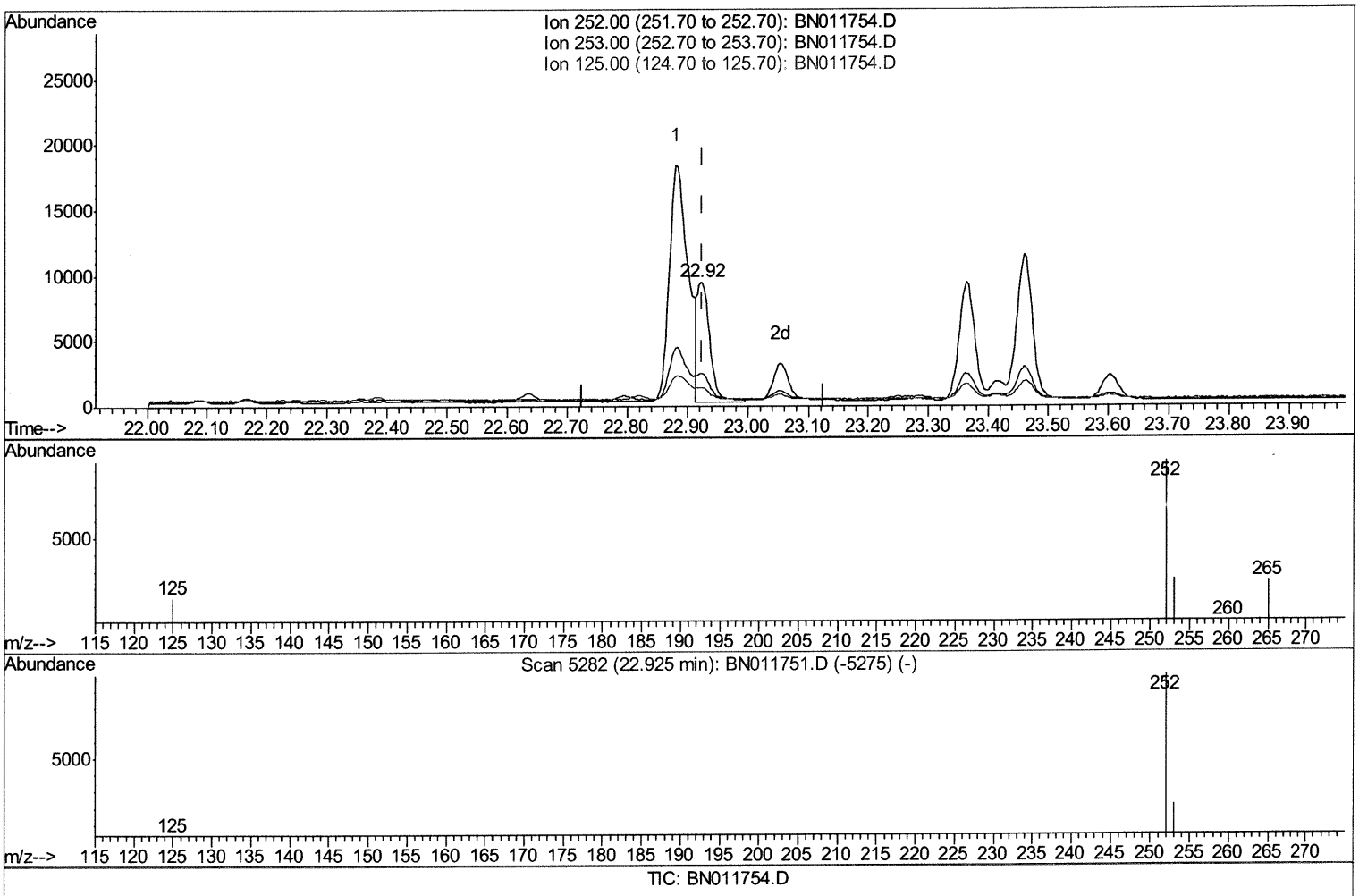
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
Data File : BN011754.D
Acq On : 09 Sep 2020 02:08
Operator : CG/JU
Sample : L3843-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Sep 09 07:34:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN090820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 09 07:05:35 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AD0

Manual Integrations APPROVED
Sohil
9/9/2020 3:46:35 PM



TIC: BN011754.D

(22) Benzo(k)fluoranthene

22.922min (-0.003) 0.30ng/ul m 09/09/20 JU

response 13332

Ion	Exp%	Act%
252.00	100	100
253.00	25.90	26.43
125.00	12.10	15.23#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Data File : BN011754.D
Acq On : 09 Sep 2020 02:08
Operator : CG/JU
Sample : L3843-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
Sohil
9/9/2020 3:46:35 PM

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	2049	0.40 ng/ul	0.00
2) Naphthalene-d8	10.52	136	8074	0.40 ng/ul	0.00
6) Acenaphthene-d10	14.38	164	4784	0.40 ng/ul	0.00
10) Phenanthrene-d10	17.12	188	10291m >	0.40 ng/ul >	0.00 09/09/20 JU
16) Chrysene-d12	21.31	240	8956	0.40 ng/ul	0.00
20) Perylene-d12	23.56	264	9135	0.40 ng/ul	0.00
System Monitoring Compounds					
4) 2-Methylnaphthalene-d10	12.11	152	3556	0.28 ng/ul	0.00
14) Fluoranthene-d10	19.15	212	7712	0.29 ng/ul	0.00
Target Compounds					Qvalue
3) Naphthalene	10.57	128	1600	0.067 ng/ul#	93
7) Acenaphthylene	14.09	152	3445	0.149 ng/ul	96
8) Acenaphthene	14.44	153	434	0.023 ng/ul	93
9) Fluorene	15.43	166	566	0.026 ng/ul#	95
12) Phenanthrene	17.16	178	3372	0.097 ng/ul#	96
13) Anthracene	17.25	178	4516	0.147 ng/ul	95
15) Fluoranthene	19.18	202	23955	0.623 ng/ul	98
17) Pyrene	19.54	202	42000	1.056 ng/ul	98
18) Benzo(a)anthracene	21.29	228	11908	0.342 ng/ul	95
19) Chrysene	21.34	228	21317	0.548 ng/ul	99
21) Benzo(b)fluoranthene	22.88	252	38959m }	0.910 ng/ul }	09/09/20 JU
22) Benzo(k)fluoranthene	22.92	252	13332m }	0.304 ng/ul }	
23) Benzo(a)pyrene	23.46	252	20639	0.558 ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.82	276	12533	0.258 ng/ul#	100
25) Dibenzo(a,h)anthracene	25.82	278	3664	0.092 ng/ul#	81
26) Benzo(g,h,i)perylene	26.51	276	11115	0.262 ng/ul	95

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