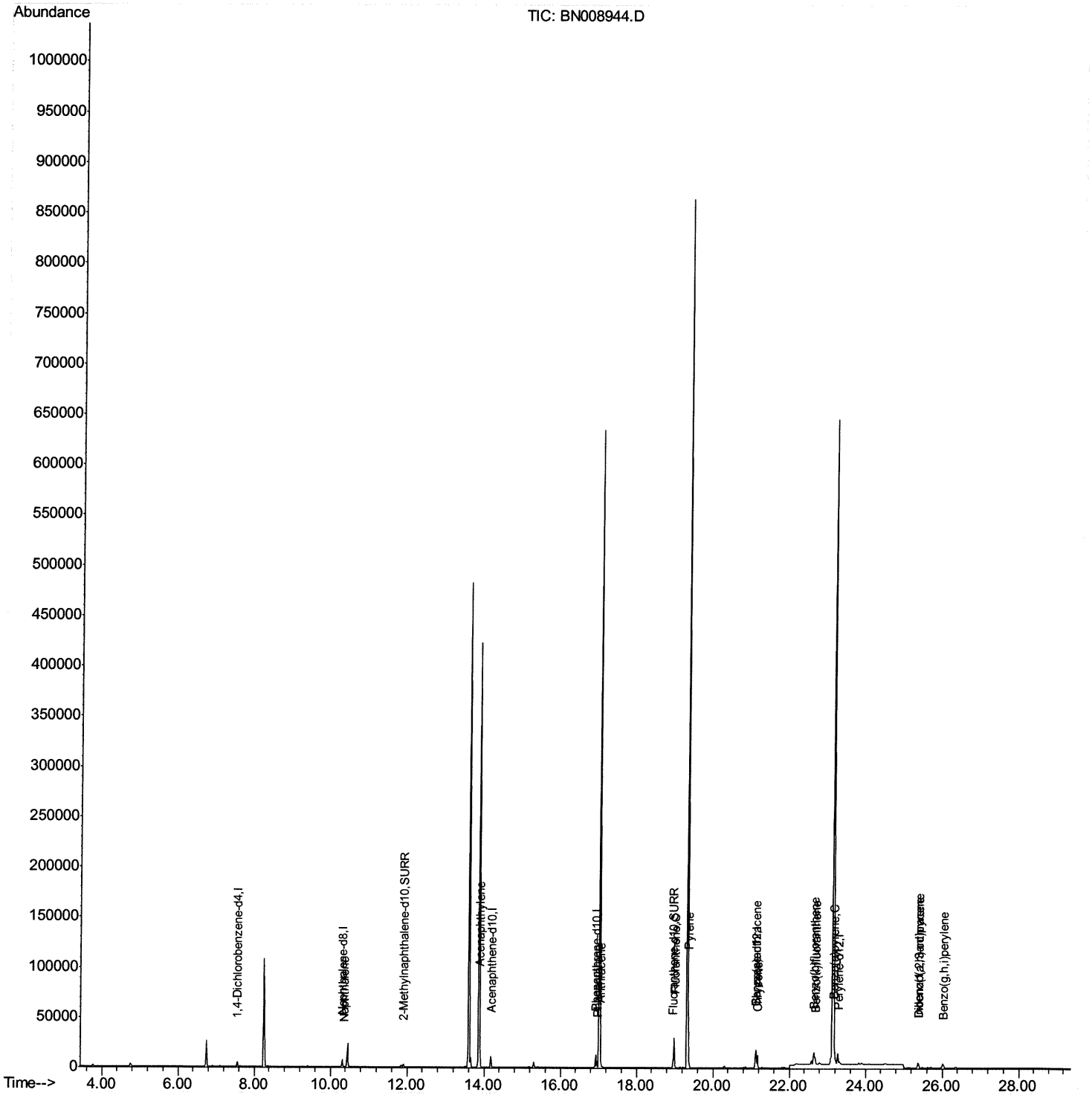
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121119\
Data File : BN008944.D
Acq On : 12 Dec 2019 14:17
Operator : JU
Sample : K6089-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BP8

Manual Integrations APPROVED
mohammad
12/13/2019 9:07:31 AM

Quant Time: Dec 12 15:13:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 12 00:49:42 2019
Response via : Initial Calibration



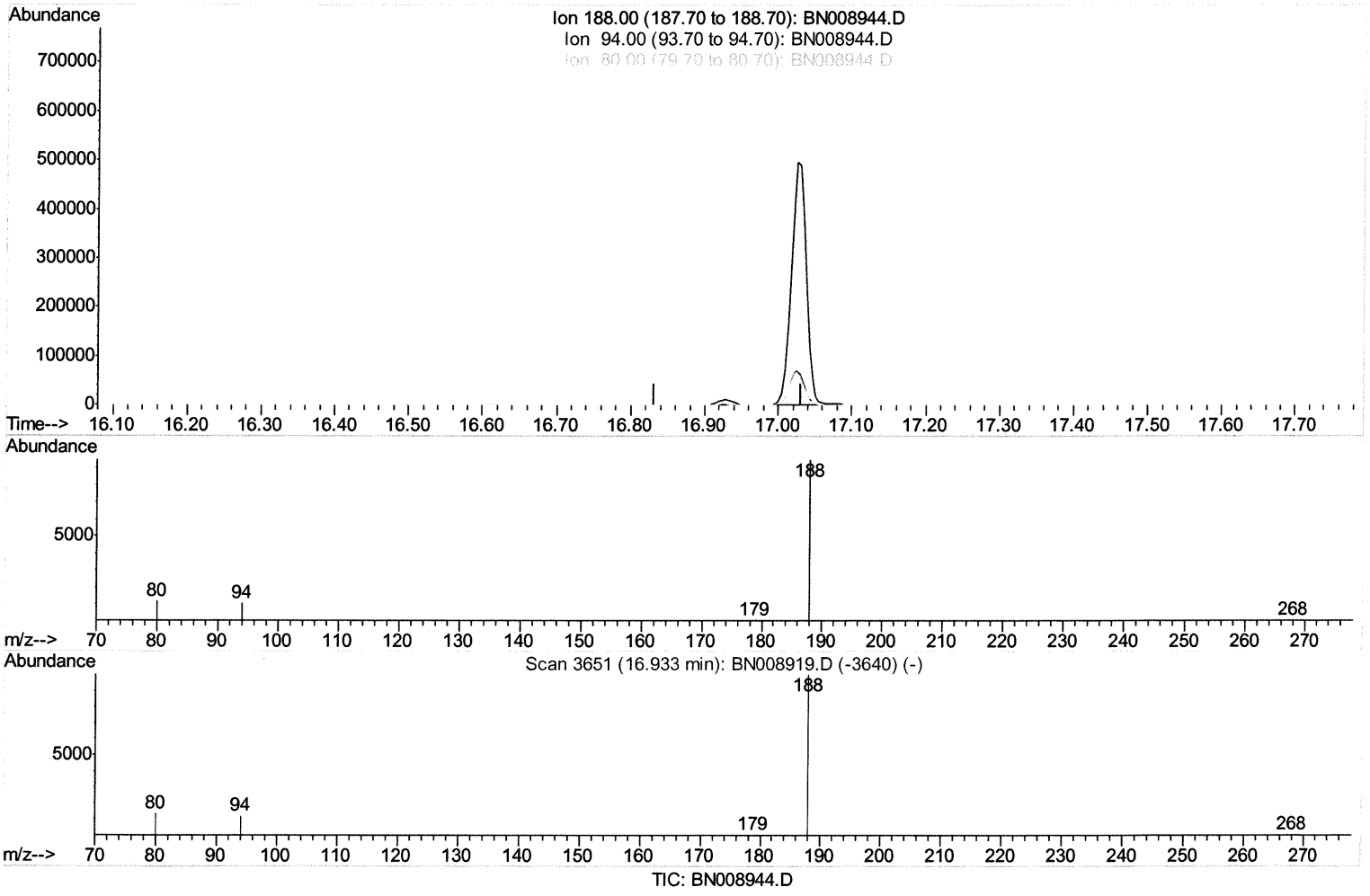
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121119\
Data File : BN008944.D
Acq On : 12 Dec 2019 14:17
Operator : JU
Sample : K6089-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 12 14:53:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 12 00:49:42 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0BP8

Manual Integrations APPROVED
mohammad
12/13/2019 9:07:31 AM



TIC: BN008944.D

(10) Phenanthrene-d10 (I)

16.932min (-16.932) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	12.20	0.00#
80.00	14.40	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121119\
Data File : BN008944.D
Acq On : 12 Dec 2019 14:17
Operator : JU
Sample : K6089-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 12 14:53:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111519.M
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QLast Update : Thu Dec 12 00:49:42 2019
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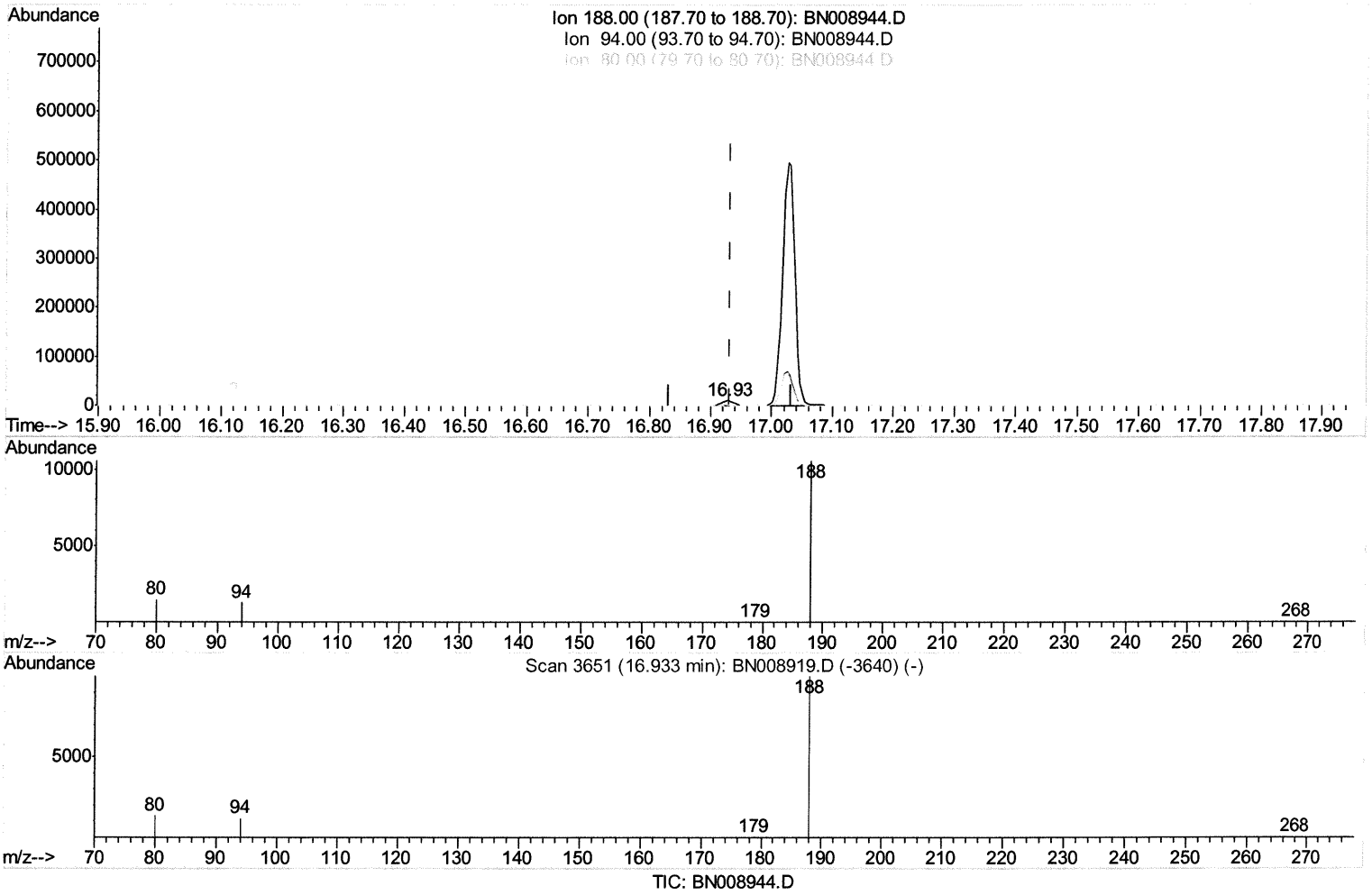
Instrument :
BNA_N
ClientSampleId :
C0BP8

Manual Integrations APPROVED
mohammad
12/13/2019 9:07:31 AM



(10) Phenanthrene-d10 (I)

16.928min (-0.003) 0.40ng/ul m JU 12/12/19

response 14209

Ion	Exp%	Act%
188.00	100	100
94.00	12.20	12.50
80.00	14.40	14.10
0.00	0.00	0.00

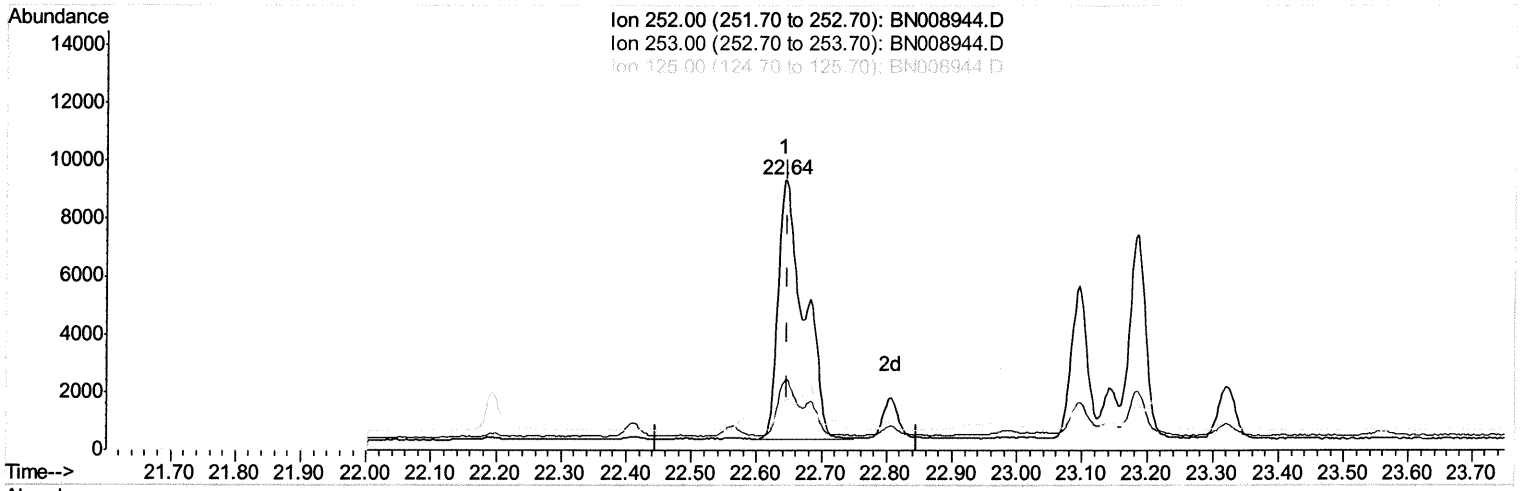
Quantitation Report (Qedit)

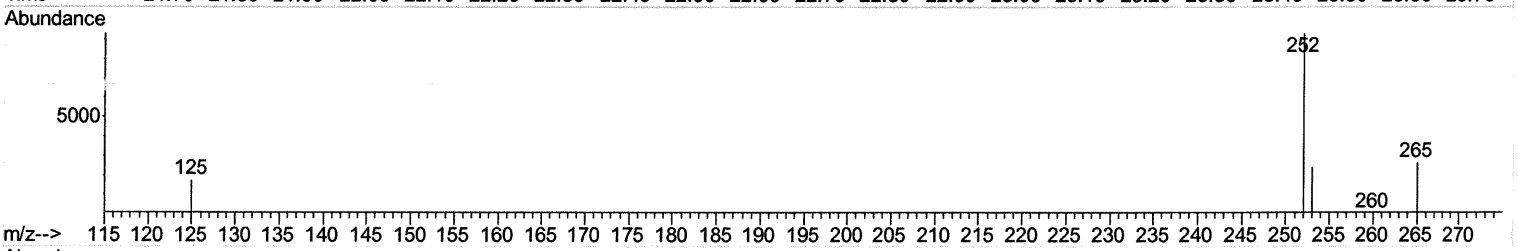
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121119\
Data File : BN008944.D
Acq On : 12 Dec 2019 14:17
Operator : JU
Sample : K6089-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 12 15:11:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 12 00:49:42 2019
Response via : Initial Calibration

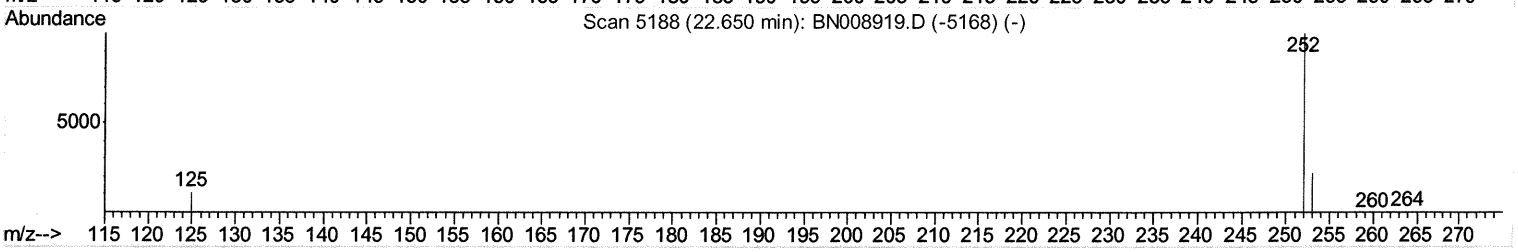
Instrument :
BNA_N
ClientSampleId :
C0BP8

Manual Integrations APPROVED
mohammad
12/13/2019 9:07:31 AM





Scan 5188 (22.650 min): BN008919.D (-5168) (-)



TIC: BN008944.D

(21) Benzo(b)fluoranthene

22.642min (-0.005) 0.45ng/ul

response 24662

Ion	Exp%	Act%
252.00	100	100
253.00	24.30	25.59
125.00	15.80	18.44
0.00	0.00	0.00

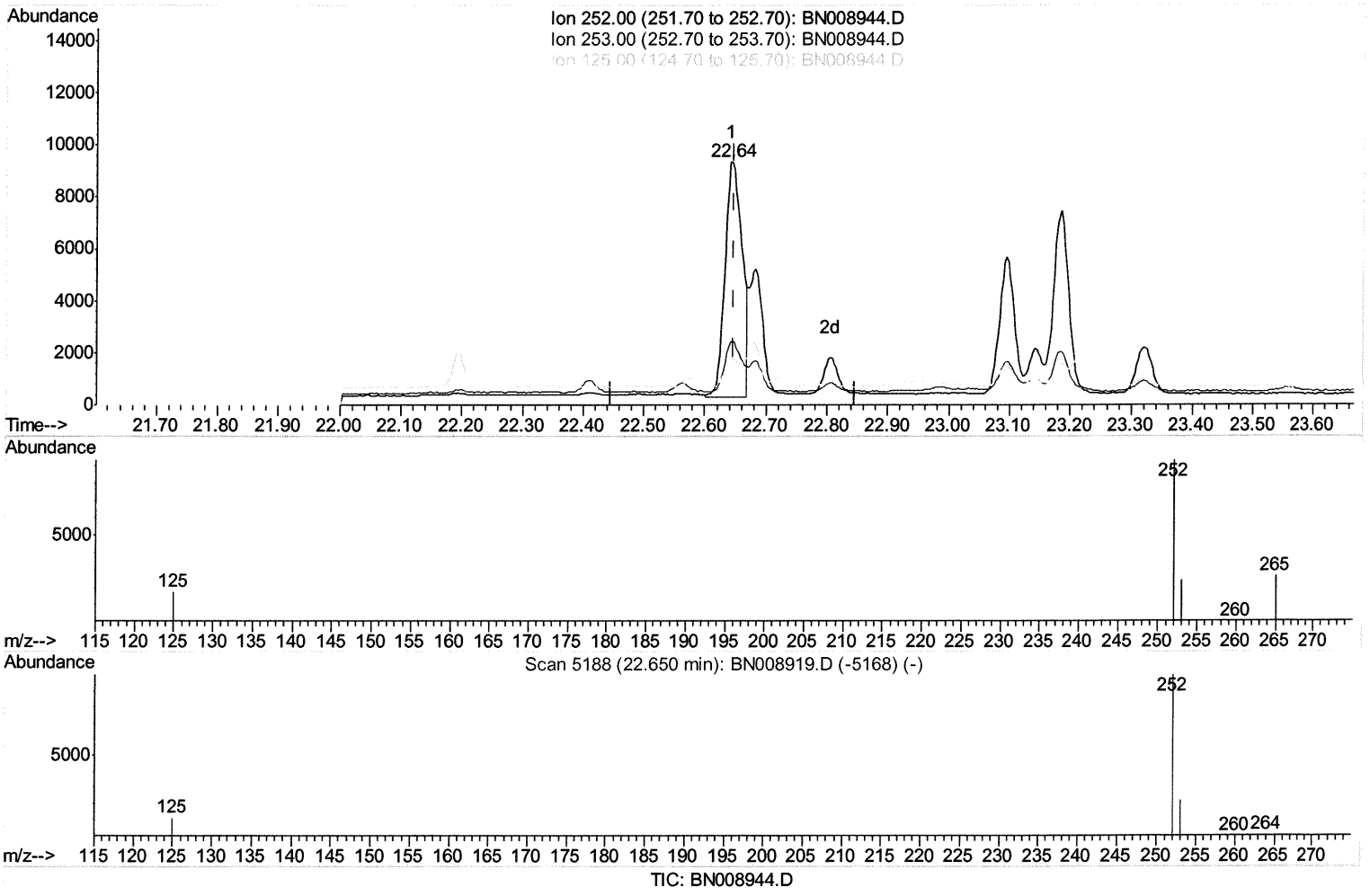
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121119\
Data File : BN008944.D
Acq On : 12 Dec 2019 14:17
Operator : JU
Sample : K6089-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 12 15:11:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 12 00:49:42 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0BP8

Manual Integrations APPROVED
mohammad
12/13/2019 9:07:31 AM



TIC: BN008944.D

(21) Benzo(b)fluoranthene

22.642min (-0.005) 0.32ng/ul m JU 12/12/19

response 17494

Ion	Exp%	Act%
252.00	100	100
253.00	24.30	25.59
125.00	15.80	18.44
0.00	0.00	0.00

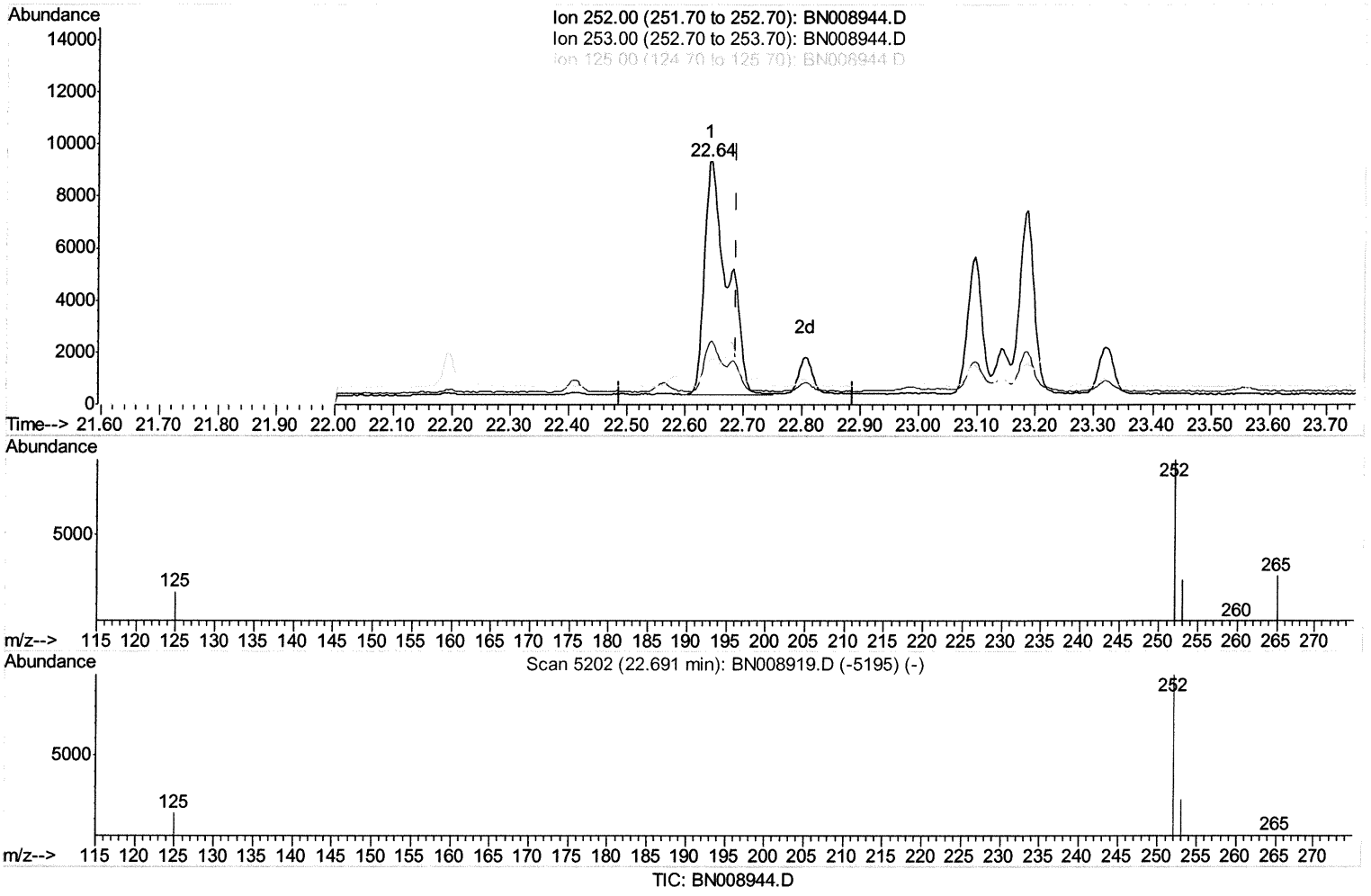
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121119\
Data File : BN008944.D
Acq On : 12 Dec 2019 14:17
Operator : JU
Sample : K6089-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 12 15:11:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 12 00:49:42 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0BP8

Manual Integrations APPROVED
mohammad
12/13/2019 9:07:31 AM



TIC: BN008944.D

(22) Benzo(k)fluoranthene

22.642min (-0.046) 0.45ng/ul

response 24655

Ion	Exp%	Act%
252.00	100	100
253.00	24.50	25.59
125.00	17.20	18.44
0.00	0.00	0.00

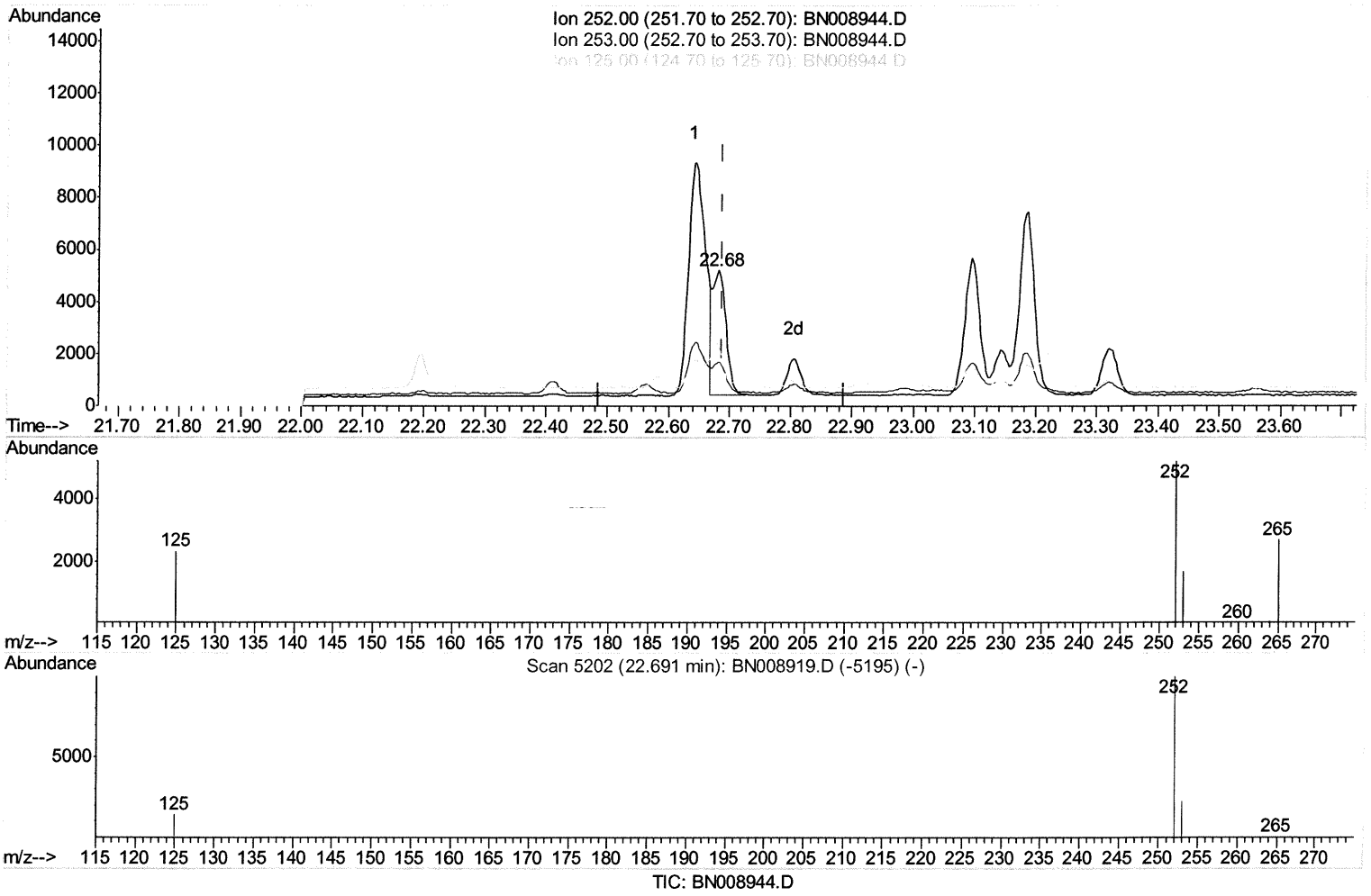
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121119\
Data File : BN008944.D
Acq On : 12 Dec 2019 14:17
Operator : JU
Sample : K6089-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 12 15:11:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 12 00:49:42 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0BP8

Manual Integrations APPROVED
mohammad
12/13/2019 9:07:31 AM



TIC: BN008944.D

(22) Benzo(k)fluoranthene

22.682min (-0.005) 0.14ng/ul m JU 12/12/19

response 7405

Ion	Exp%	Act%
252.00	100	100
253.00	24.50	32.57#
125.00	17.20	44.85#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121119\
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Acq On : 12 Dec 2019 14:17
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Manual Integrations APPROVED
mohammad
12/13/2019 9:07:31 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2213	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	9547	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.18	164	6116	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.93	188	14209m	0.40	ng/ul	0.00
16) Chrysene-d12	21.13	240	12617	0.40	ng/ul	0.00
20) Perylene-d12	23.28	264	13343	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	3344	0.21	ng/ul	0.00
14) Fluoranthene-d10	18.96	212	9825	0.23	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.36	128	588	0.020	ng/ul#	72
7) Acenaphthylene	13.90	152	1926	0.057	ng/ul#	91
12) Phenanthrene	16.97	178	7135	0.149	ng/ul	98
13) Anthracene	17.06	178	1625	0.036	ng/ul#	89
15) Fluoranthene	18.99	202	25497	0.433	ng/ul	98
17) Pyrene	19.36	202	24620	0.486	ng/ul	98
18) Benzo(a)anthracene	21.12	228	11254	0.222	ng/ul	97
19) Chrysene	21.17	228	11946	0.240	ng/ul	98
21) Benzo(b)fluoranthene	22.64	252	17494m	0.318	ng/ul	
22) Benzo(k)fluoranthene	22.68	252	7405m	0.136	ng/ul	
23) Benzo(a)pyrene	23.19	252	12384	0.240	ng/ul	94
24) Indeno(1,2,3-cd)pyrene	25.38	276	8429	0.140	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.38	278	1863	0.038	ng/ul#	63
26) Benzo(g,h,i)perylene	26.02	276	8264	0.164	ng/ul	98

JU 12/12/19

JU 12/12/19

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