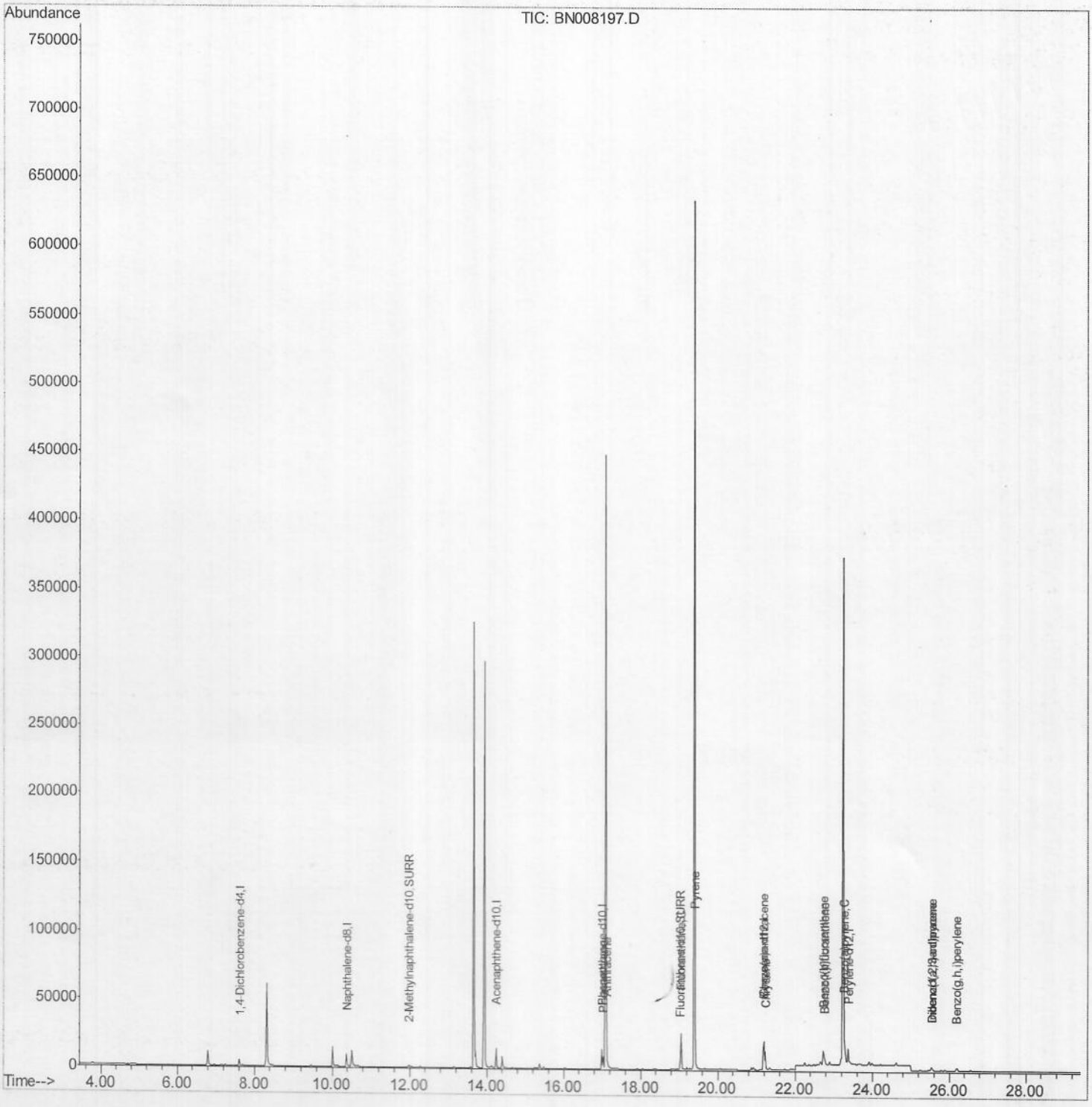
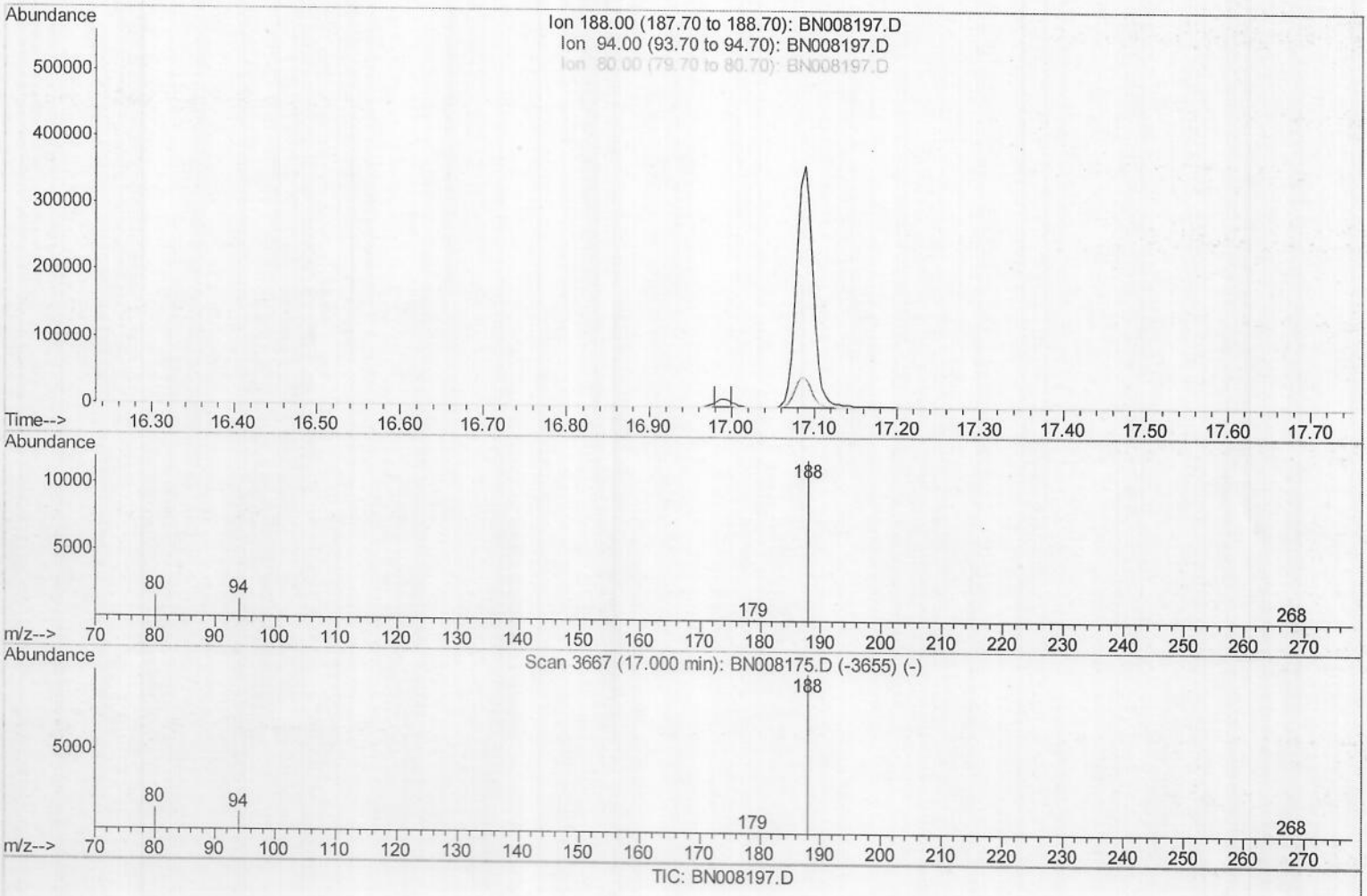
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101619\
Data File : BN008197.D
Acq On : 16 Oct 2019 14:17
Operator : JU
Sample : K5175-20
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 16 18:11:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 16 17:43:36 2019
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101619\
Data File : BN008197.D
Acq On : 16 Oct 2019 14:17
Operator : JU
Sample : K5175-20
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 16 18:07:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 16 17:43:36 2019
Response via : Initial Calibration



TIC: BN008197.D

(10) Phenanthrene-d10 (I)

16.991min (-16.991) 0.00ng/ul

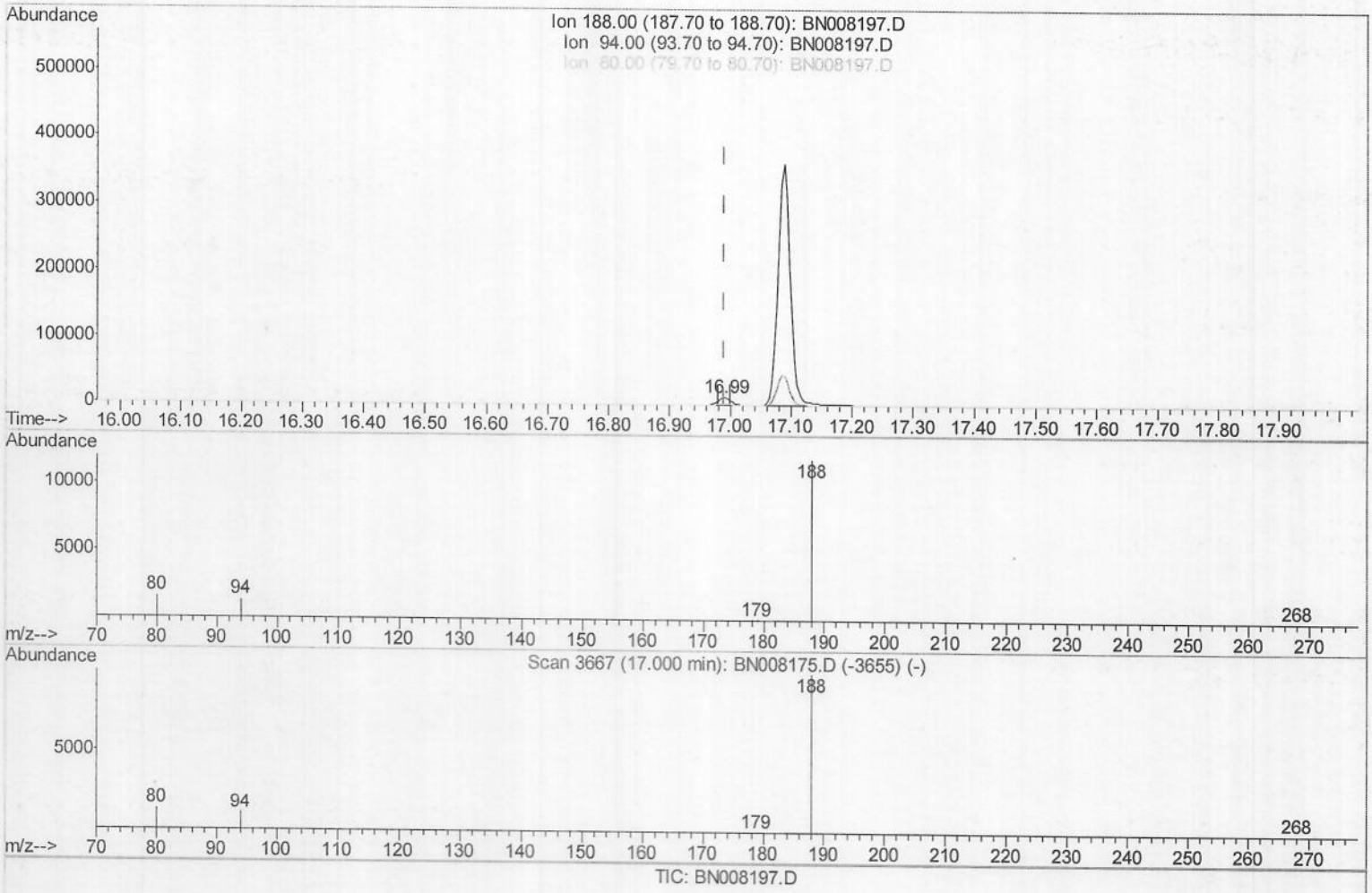
response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	10.90	0.00#
80.00	12.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101619\
Data File : BN008197.D
Acq On : 16 Oct 2019 14:17
Operator : JU
Sample : K5175-20
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 16 18:07:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 16 17:43:36 2019
Response via : Initial Calibration



TIC: BN008197.D

(10) Phenanthrene-d10 (I)

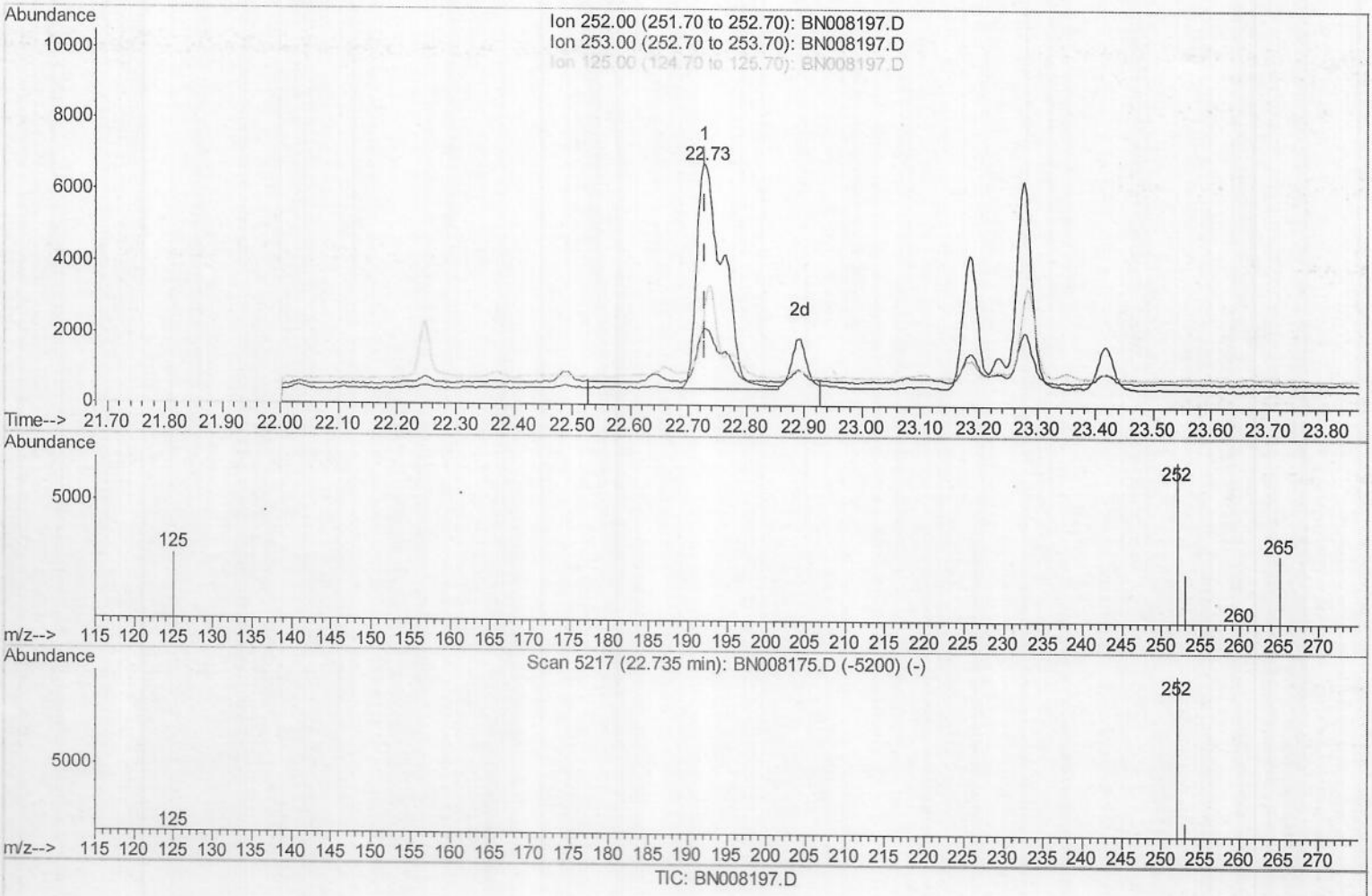
16.992min (+0.001) 0.40ng/ul m JU 10/19/19

response 17652

Ion	Exp%	Act%
188.00	100	100
94.00	10.90	11.33
80.00	12.60	13.67
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101619\
Data File : BN008197.D
Acq On : 16 Oct 2019 14:17
Operator : JU
Sample : K5175-20
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 16 18:09:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 16 17:43:36 2019
Response via : Initial Calibration



TIC: BN008197.D

(21) Benzo(b)fluoranthene

22.729min (-0.000) 0.44ng/ul

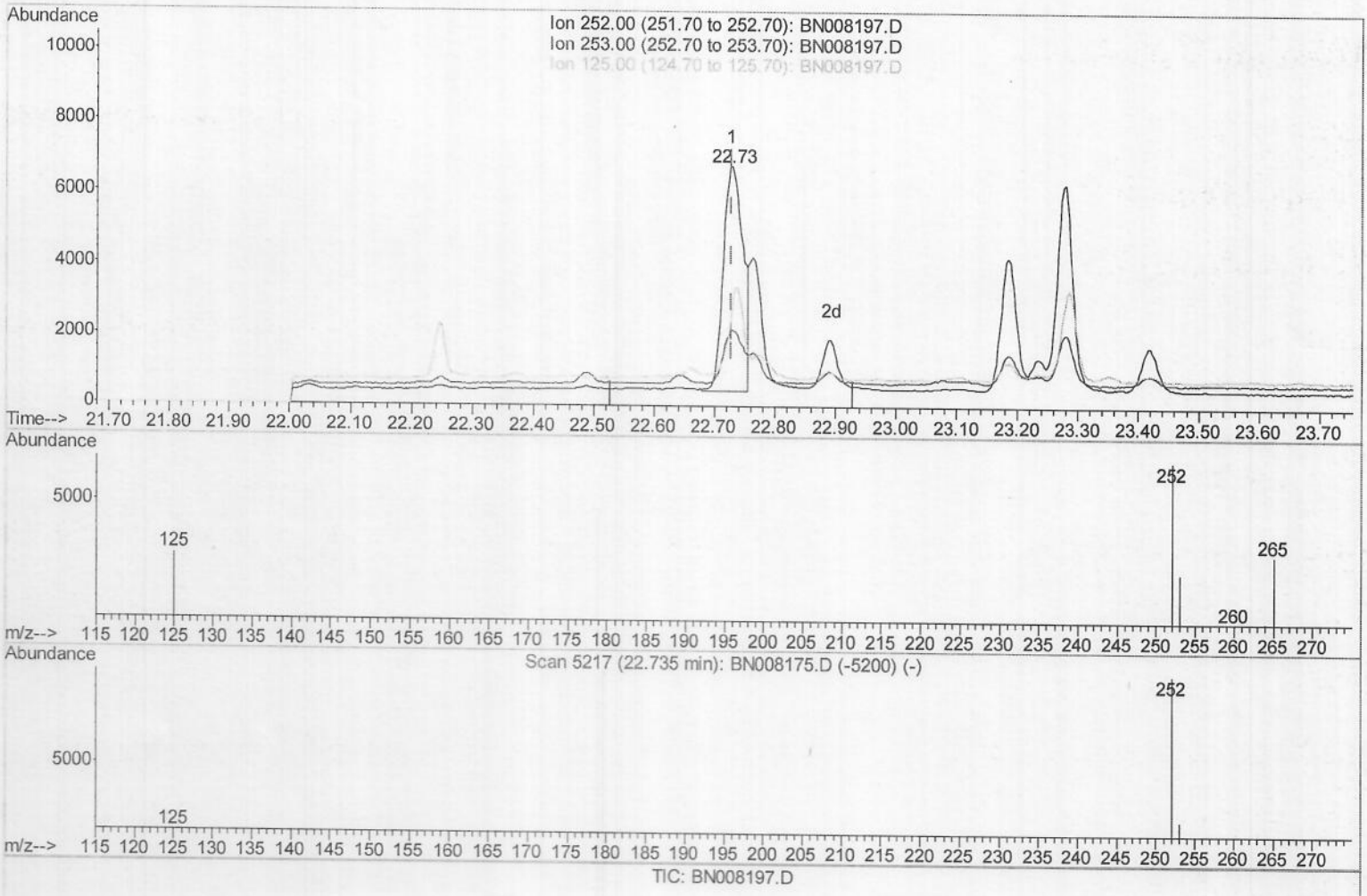
response 20015

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	32.22
125.00	16.20	41.58#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101619\
Data File : BN008197.D
Acq On : 16 Oct 2019 14:17
Operator : JU
Sample : K5175-20
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 16 18:09:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 16 17:43:36 2019
Response via : Initial Calibration



TIC: BN008197.D

(21) Benzo(b)fluoranthene

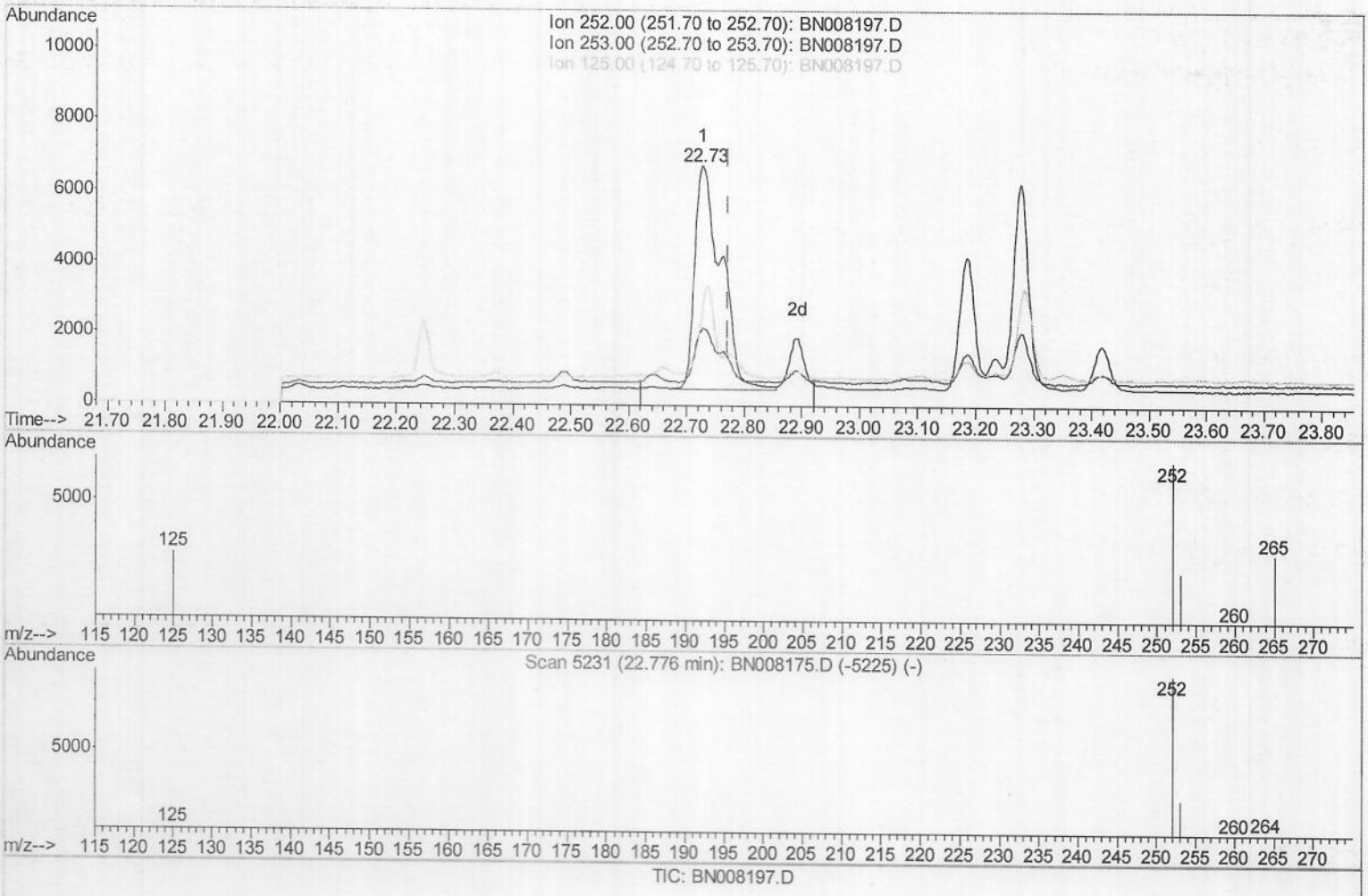
22.729min (-0.000) 0.32ng/ul m JU 10/19/19

response 14427

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	32.22
125.00	16.20	41.58#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101619\
Data File : BN008197.D
Acq On : 16 Oct 2019 14:17
Operator : JU
Sample : K5175-20
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 16 18:09:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 16 17:43:36 2019
Response via : Initial Calibration



TIC: BN008197.D

(22) Benzo(k)fluoranthene

22.729min (-0.044) 0.39ng/ul

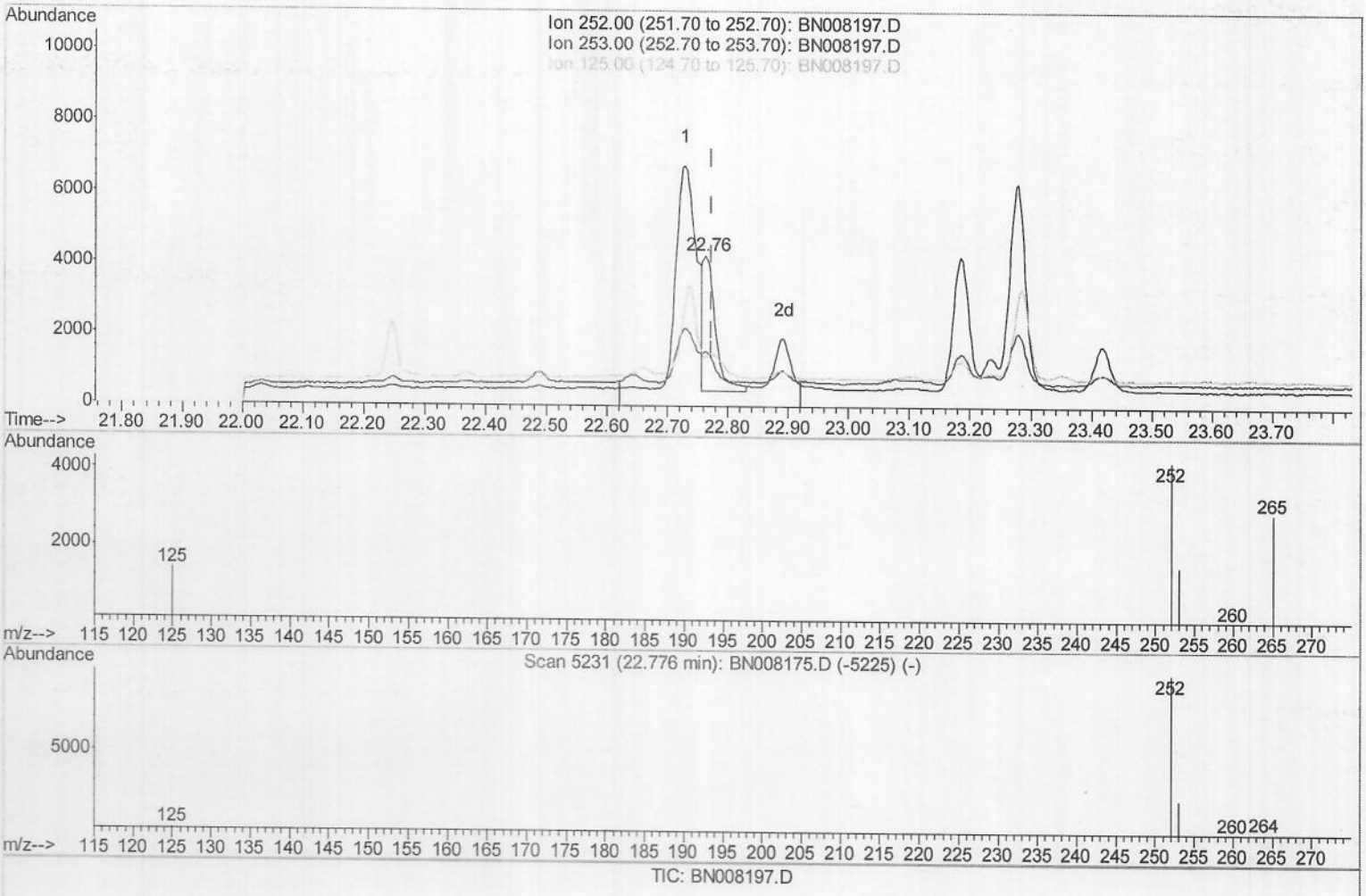
response 20015

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	32.22#
125.00	15.40	41.58#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101619\
Data File : BN008197.D
Acq On : 16 Oct 2019 14:17
Operator : JU
Sample : K5175-20
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 16 18:09:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 16 17:43:36 2019
Response via : Initial Calibration



TIC: BN008197.D

(22) Benzo(k)fluoranthene

22.764min (-0.009) 0.11ng/ul m JU 10/19/19

response 5752

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	35.99#
125.00	15.40	32.58#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101619\
Data File : BN008197.D
Acq On : 16 Oct 2019 14:17
Operator : JU
Sample : K5175-20
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 16 18:11:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 16 17:43:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	2530	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	12375	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	7999	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.99	188	17652m	0.40	ng/ul	0.00
16) Chrysene-d12	21.19	240	16268	0.40	ng/ul	0.00
20) Perylene-d12	23.37	264	13908	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	2309	0.11	ng/ul	0.00
14) Fluoranthene-d10	19.02	212	7101	0.12	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.03	178	9651	0.187	ng/ul	100
13) Anthracene	17.12	178	1955	0.043	ng/ul#	91
15) Fluoranthene	19.06	202	23440	0.343	ng/ul	98
17) Pyrene	19.42	202	23820	0.368	ng/ul	98
18) Benzo(a)anthracene	21.17	228	13543	0.229	ng/ul	95
19) Chrysene	21.23	228	13483	0.186	ng/ul	97
21) Benzo(b)fluoranthene	22.73	252	14427m	0.319	ng/ul	73
22) Benzo(k)fluoranthene	22.76	252	5752m	0.112	ng/ul	73
23) Benzo(a)pyrene	23.28	252	10583	0.222	ng/ul#	73
24) Indeno(1,2,3-cd)pyrene	25.54	276	5203	0.093	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.54	278	1186	0.027	ng/ul#	26
26) Benzo(g,h,i)perylene	26.20	276	5357	0.104	ng/ul#	86

JU 10|19|19

JU 10|19|19

JU 10|19|19

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