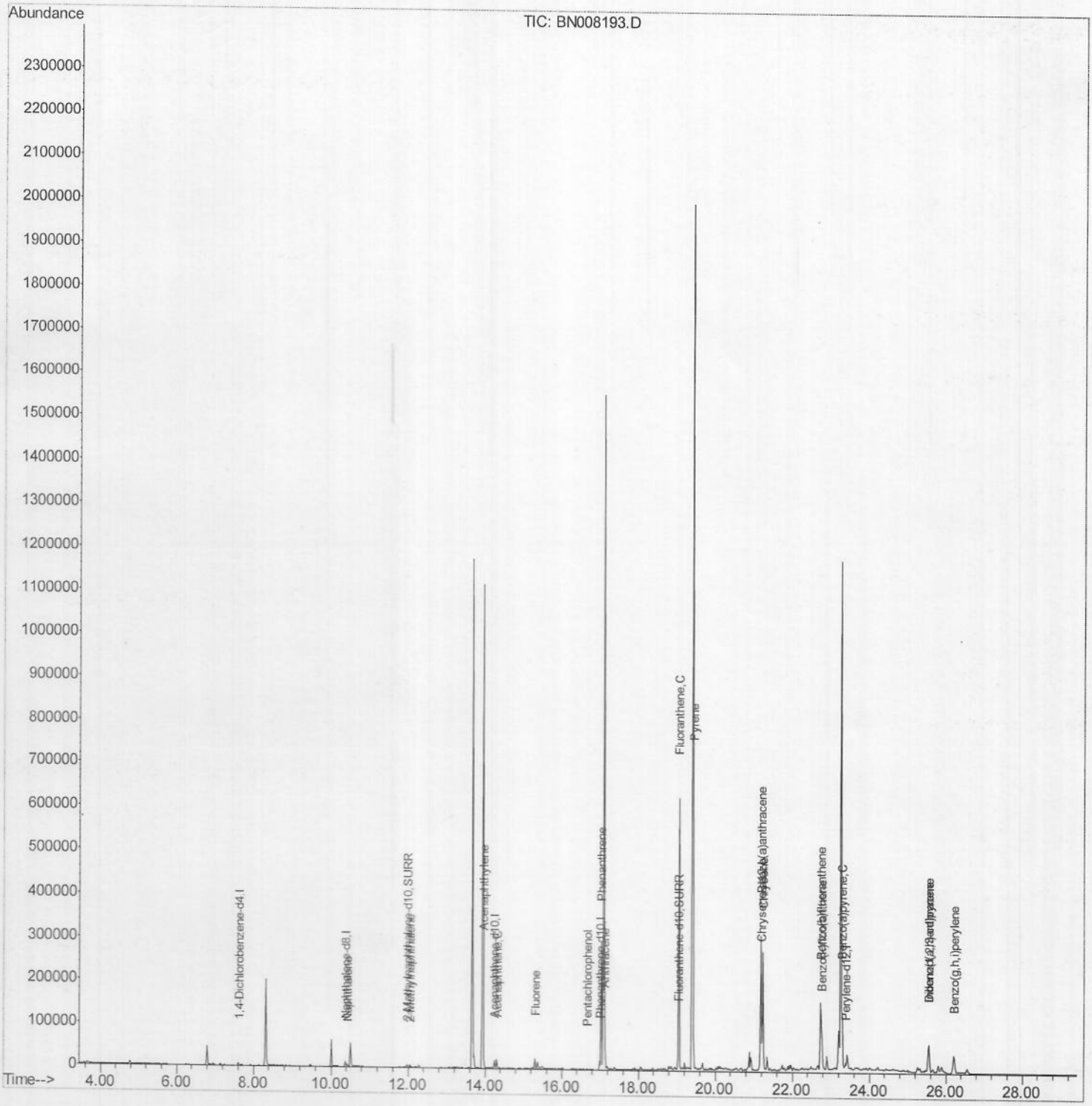
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101619\
Data File : BN008193.D
Acq On : 16 Oct 2019 11:53
Operator : JU
Sample : K5175-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

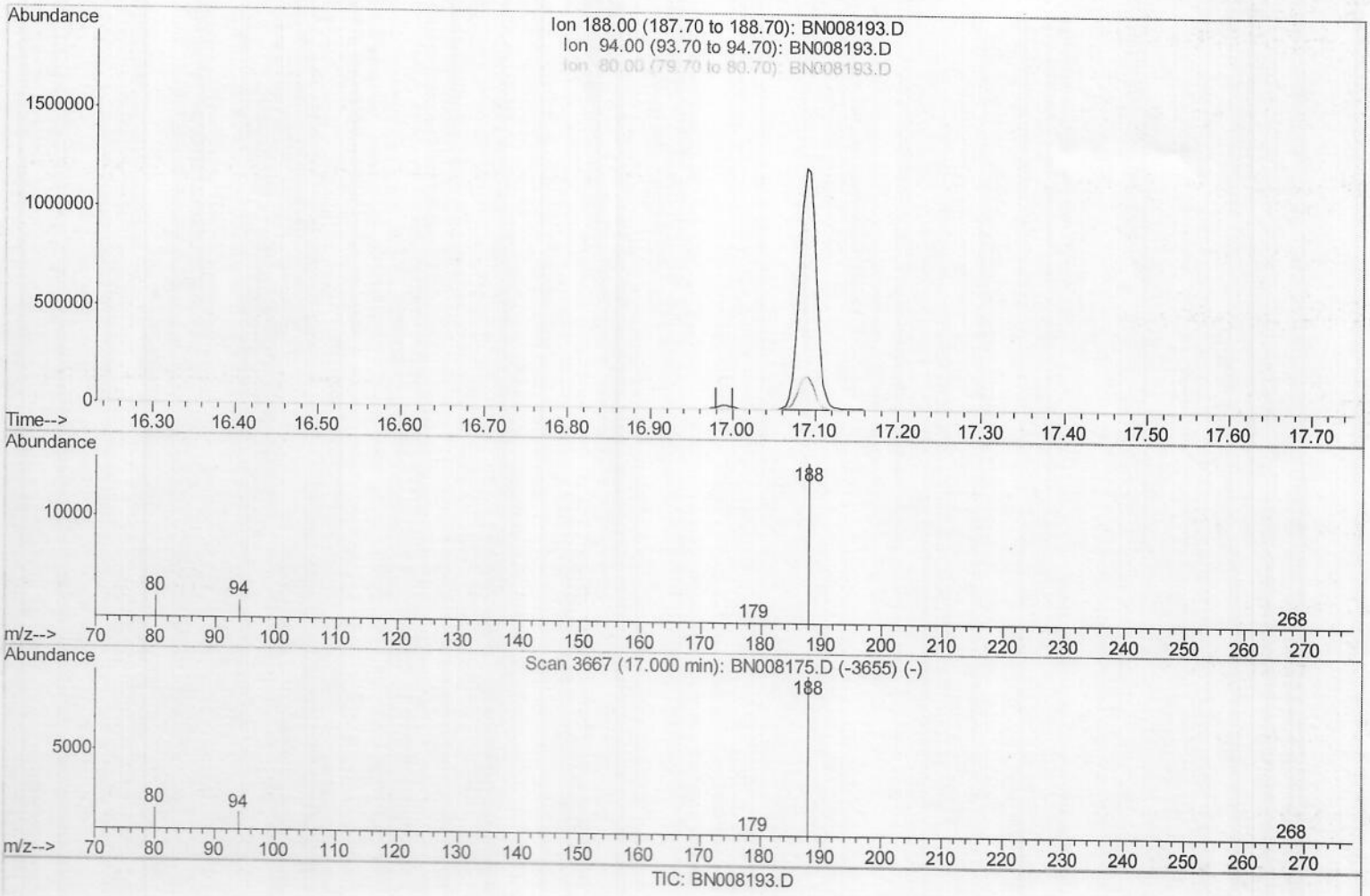
Quant Time: Oct 16 18:00:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 16 17:43:36 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101619\
Data File : BN008193.D
Acq On : 16 Oct 2019 11:53
Operator : JU
Sample : K5175-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 16 17:58:58 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



(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)

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QLast Update : Wed Oct 16 17:43:36 2019
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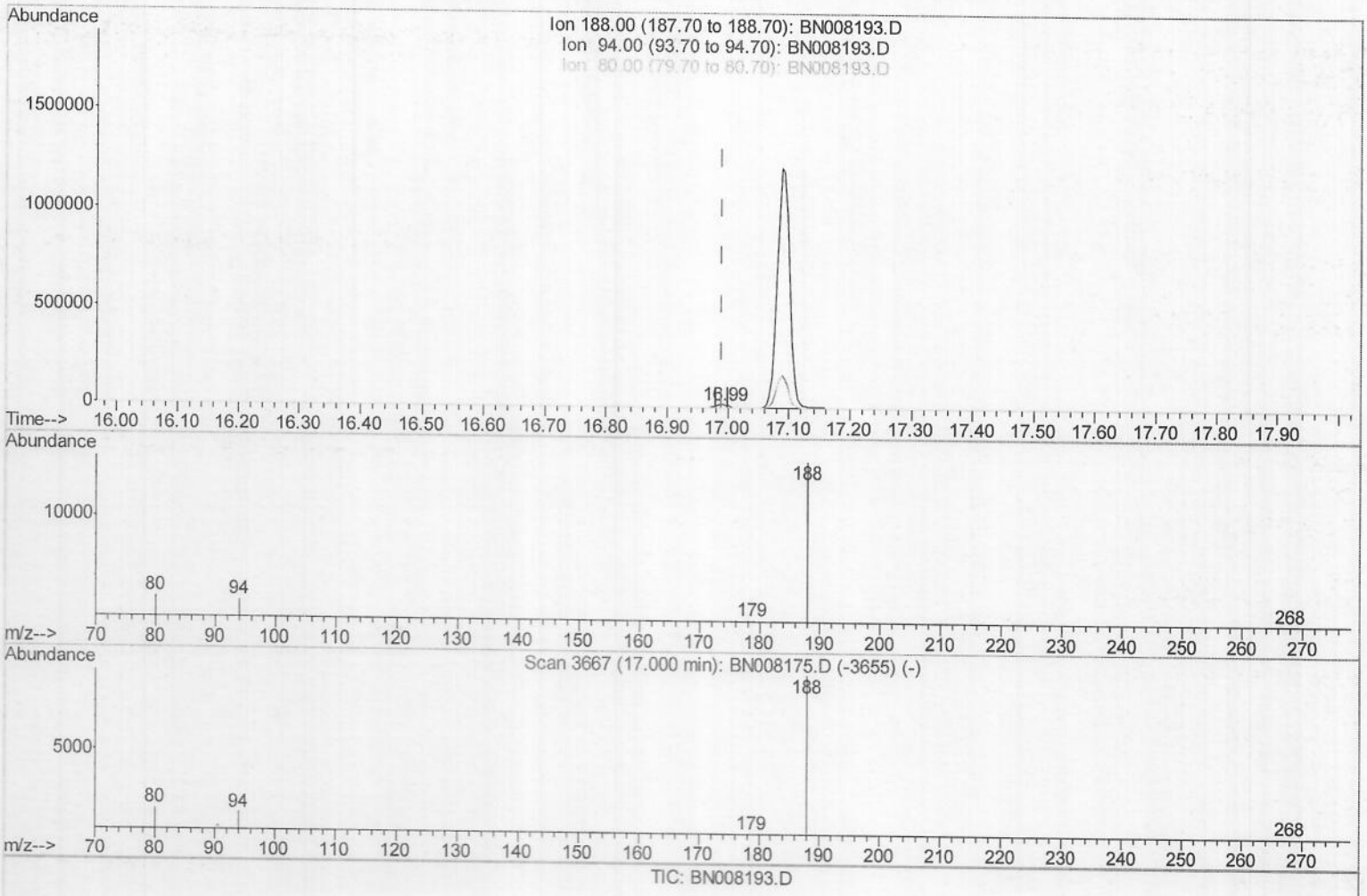


TIC: BN008193.D

(10) Phenanthrene-d10 (I)

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

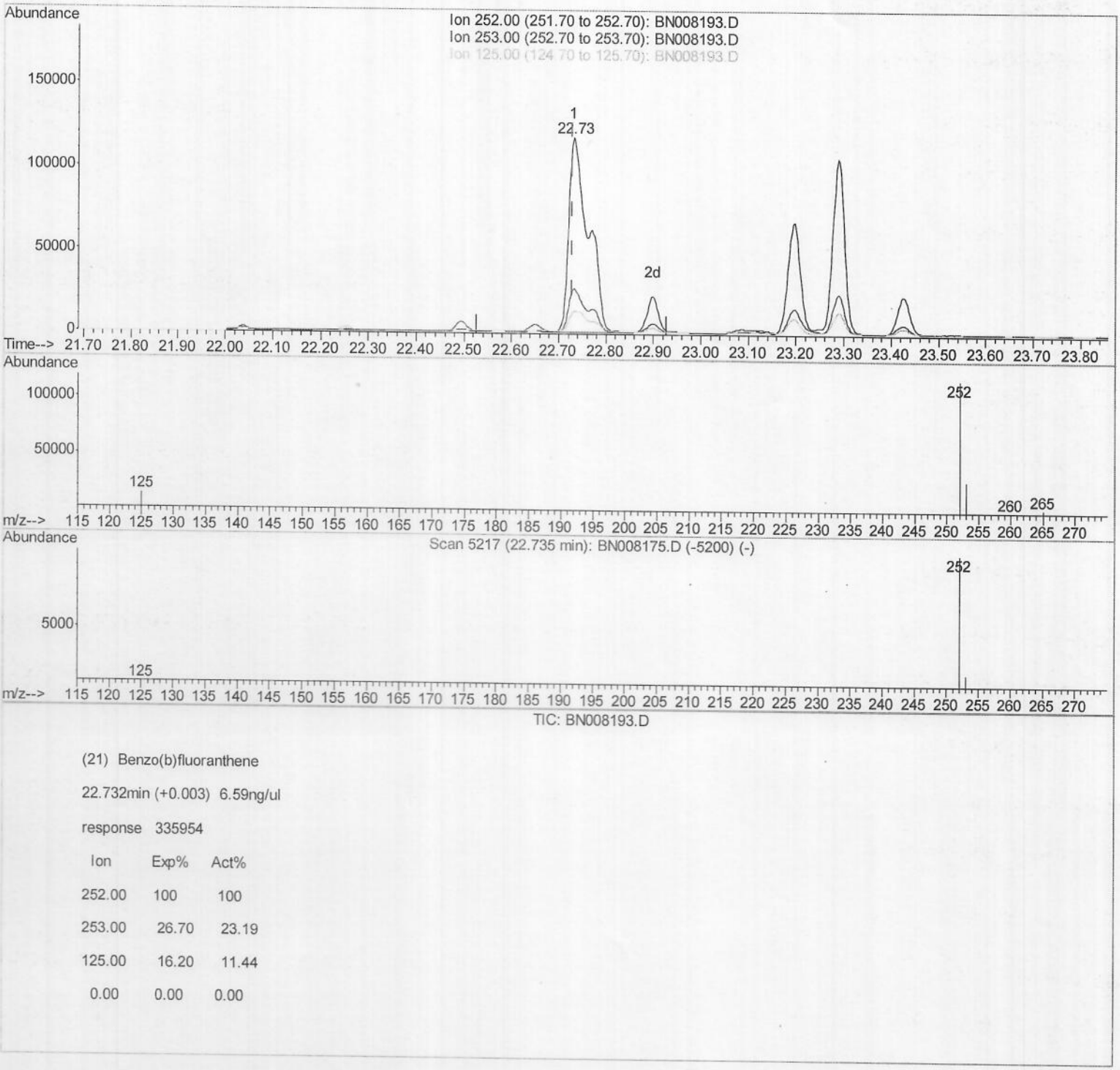
response 21901

Ion	Exp%	Act%
188.00	100	100
94.00	10.90	11.60
80.00	12.60	13.54
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101619\
Data File : BN008193.D
Acq On : 16 Oct 2019 11:53
Operator : JU
Sample : K5175-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 16 17:59:22 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



(21) Benzo(b)fluoranthene

22.732min (+0.003) 6.59ng/ul

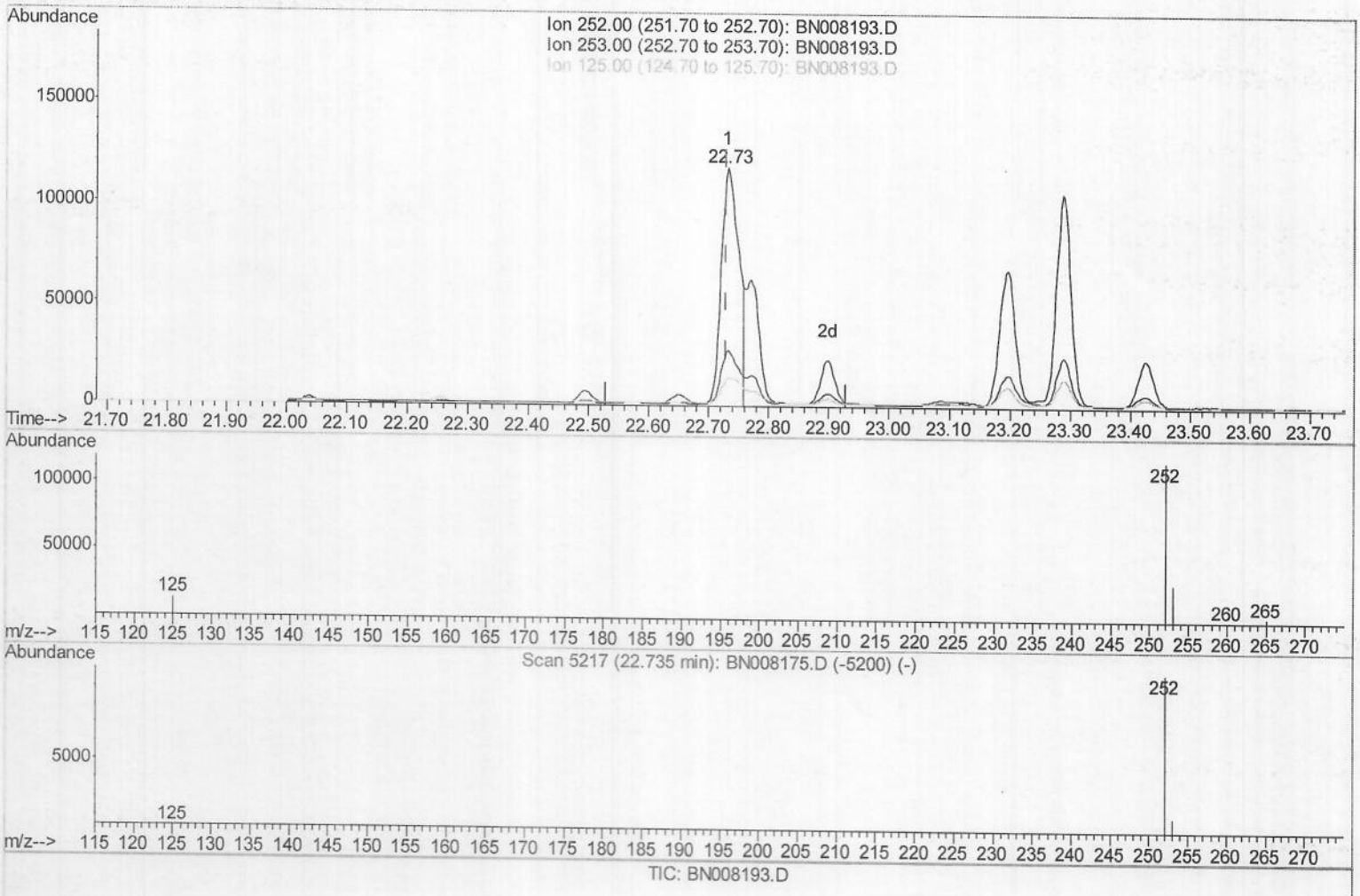
response 335954

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	23.19
125.00	16.20	11.44
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101619\
Data File : BN008193.D
Acq On : 16 Oct 2019 11:53
Operator : JU
Sample : K5175-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 16 17:59:22 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



(21) Benzo(b)fluoranthene

22.732min (+0.003) 4.74ng/ul m JU 10/19/19

response 241902

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	23.19
125.00	16.20	11.44
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101619\
Data File : BN008193.D
Acq On : 16 Oct 2019 11:53
Operator : JU
Sample : K5175-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 16 17:59:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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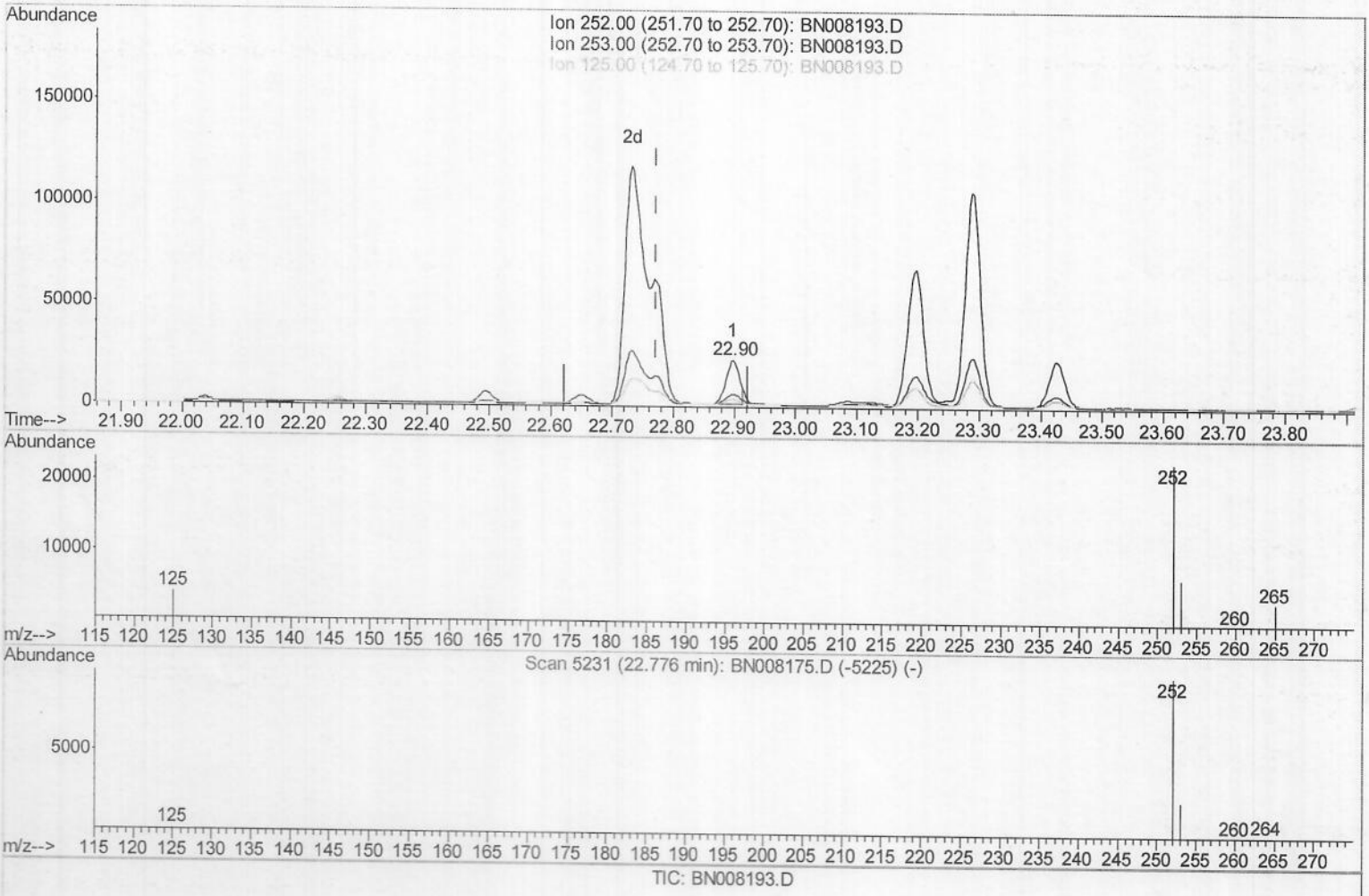


TIC: BN008193.D

(22) Benzo(k)fluoranthene

22.899min (+0.126) 0.56ng/ul

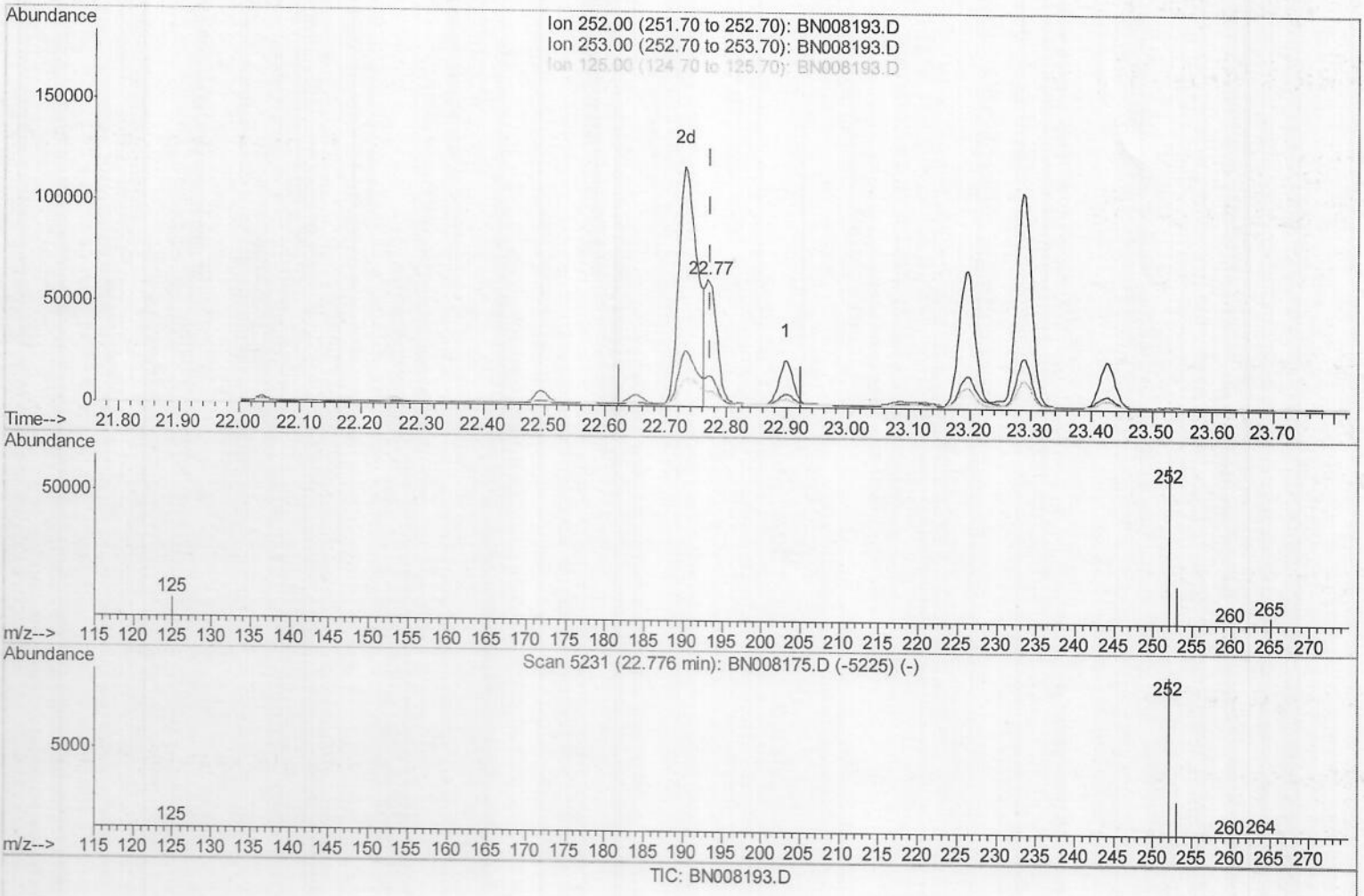
response 32291

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	29.02
125.00	15.40	17.75
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101619\
Data File : BN008193.D
Acq On : 16 Oct 2019 11:53
Operator : JU
Sample : K5175-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 16 17:59:22 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: BN008193.D

(22) Benzo(k)fluoranthene

22.770min (-0.003) 1.59ng/ul m JU 10/19/19

response 91601

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	24.22
125.00	15.40	12.19#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101619\
Data File : BN008193.D
Acq On : 16 Oct 2019 11:53
Operator : JU
Sample : K5175-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 16 18:00:12 2019
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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	3210	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	15503	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	9782	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.99	188	21901m	0.40	ng/ul	0.00
16) Chrysene-d12	21.20	240	18559	0.40	ng/ul	0.00
20) Perylene-d12	23.38	264	15667	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	9418	0.36	ng/ul	0.00
14) Fluoranthene-d10	19.03	212	27373	0.36	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.42	128	7642	0.173	ng/ul	100
5) 2-Methylnaphthalene	12.04	142	4374	0.144	ng/ul	100
7) Acenaphthylene	13.96	152	11450	0.246	ng/ul	98
8) Acenaphthene	14.31	153	11421	0.315	ng/ul	99
9) Fluorene	15.30	166	13940	0.339	ng/ul	97
11) Pentachlorophenol	16.65	266	169	0.032	ng/ul#	88
12) Phenanthrene	17.03	178	306179	4.775	ng/ul	99
13) Anthracene	17.12	178	58841	1.043	ng/ul	99
15) Fluoranthene	19.06	202	528399	6.239	ng/ul	98
17) Pyrene	19.42	202	498178	6.742	ng/ul	99
18) Benzo(a)anthracene	21.18	228	263677	3.908	ng/ul	98
19) Chrysene	21.23	228	267781	3.234	ng/ul	98
21) Benzo(b)fluoranthene	22.73	252	241902m	4.743	ng/ul	
22) Benzo(k)fluoranthene	22.77	252	91601m	1.586	ng/ul	
23) Benzo(a)pyrene	23.29	252	180775	3.368	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.55	276	98427	1.557	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.55	278	25941	0.519	ng/ul	96
26) Benzo(g,h,i)perylene	26.21	276	83406	1.439	ng/ul	99

JU 10/19/19

JU 10/19/19

JU 10/19/19

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