Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120718\

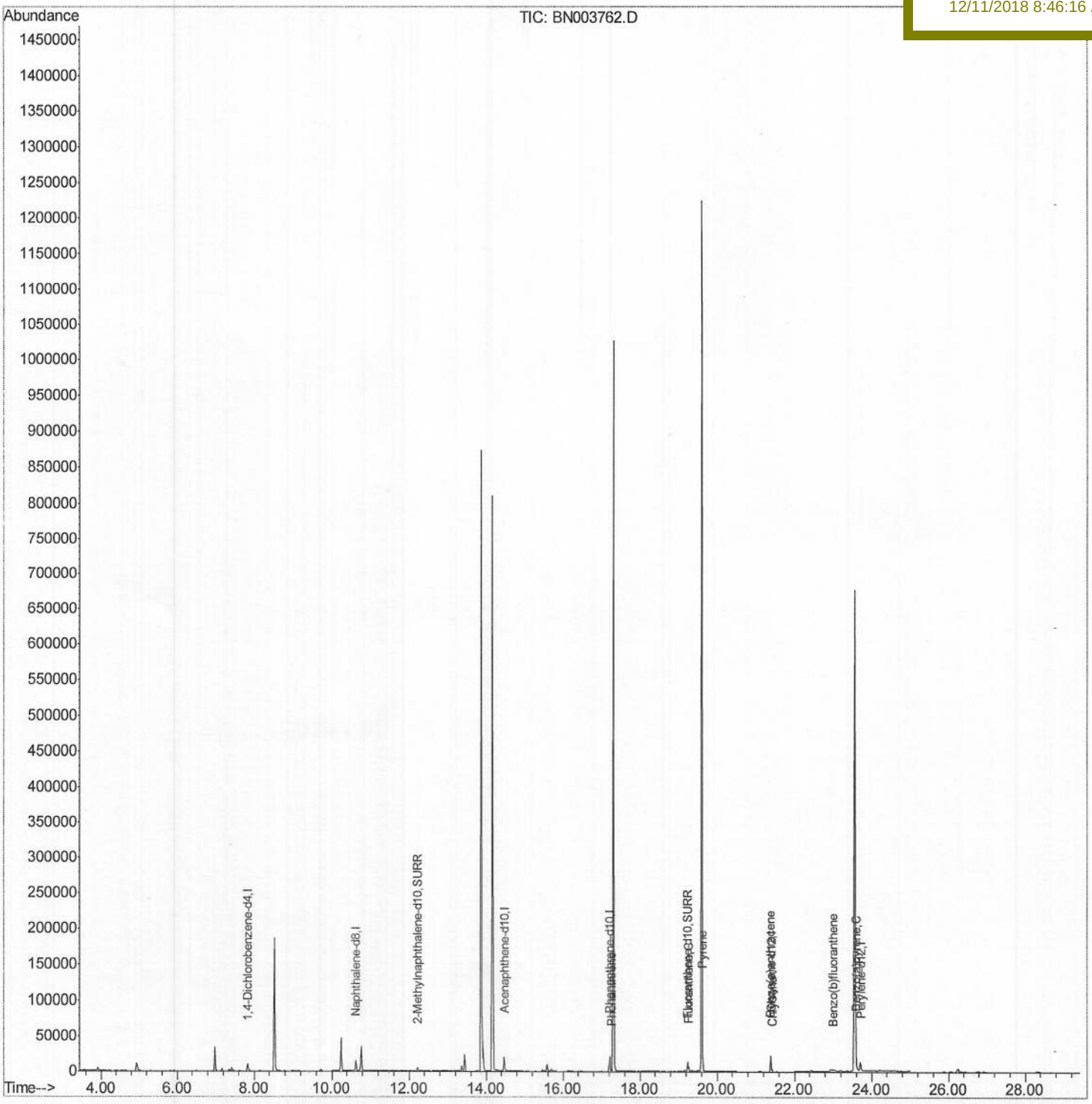
Quantitation Report (QT Reviewed)

Data File : BN003762.D
Acq On : 07 Dec 2018 12:37
Operator : JU/SJ
Sample : J6228-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 10 11:09:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 07 11:14:57 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9E76

Manual Integrations APPROVED
Sohil
12/11/2018 8:46:16 AM



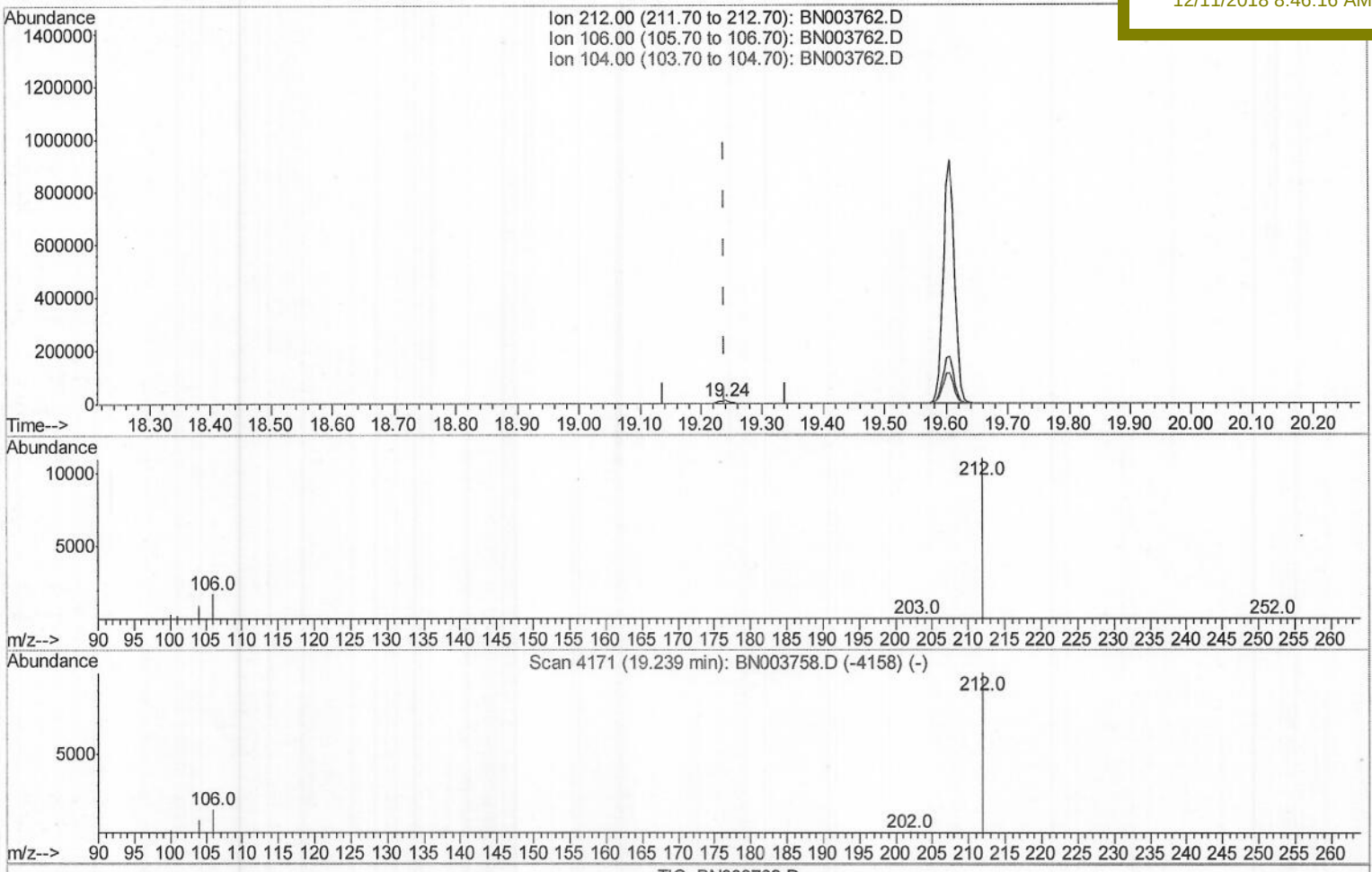
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120718\
Data File : BN003762.D
Acq On : 07 Dec 2018 12:37
Operator : JU/SJ
Sample : J6228-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 07 15:54:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 07 11:14:57 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9E76

Manual Integrations APPROVED
Sohil
12/11/2018 8:46:16 AM



TIC: BN003762.D

(14) Fluoranthene-d10 (SURR)

19.239min (+0.000) 0.21ng/ul m

response 14789

SJ 12/10/18

Ion	Exp%	Act%
212.00	100	100
106.00	14.20	0.00#
104.00	8.00	0.00#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120718\

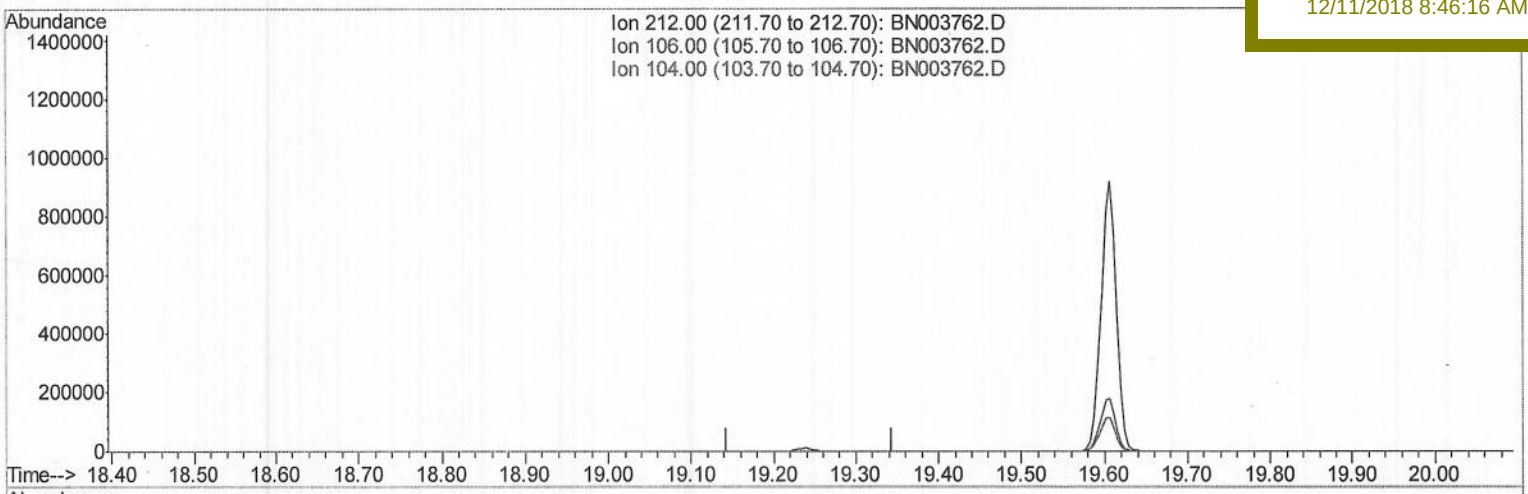
Quantitation Report (Qedit)

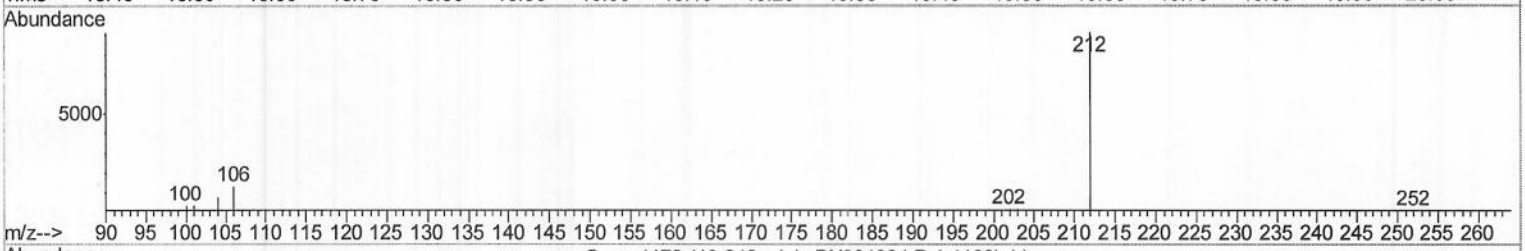
Data File : BN003762.D
Acq On : 07 Dec 2018 12:37
Operator : JU/SJ
Sample : J6228-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

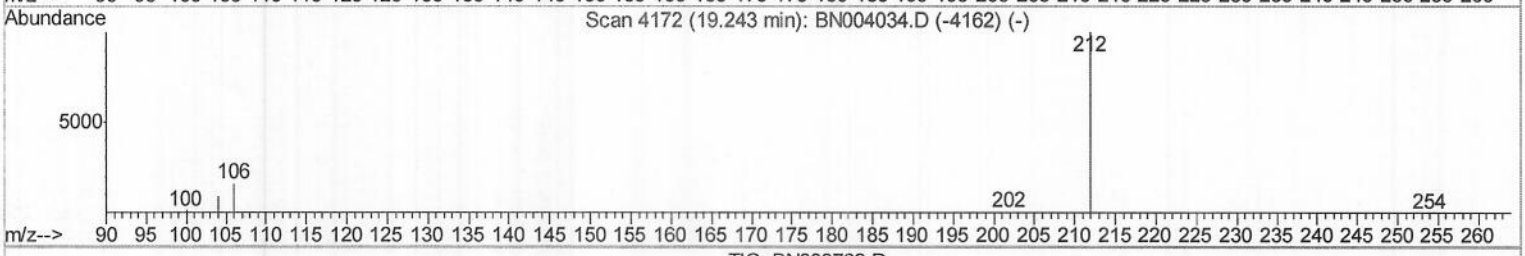
Quant Time: Dec 20 00:38:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 20 00:31:05 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9E76

Manual Integrations APPROVED
Sohil
12/11/2018 8:46:16 AM







TIC: BN003762.D

(14) Fluoranthene-d10 (SURR)

19.244min (-19.244) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	14.20	0.00#
104.00	8.00	0.00#
0.00	0.00	0.00

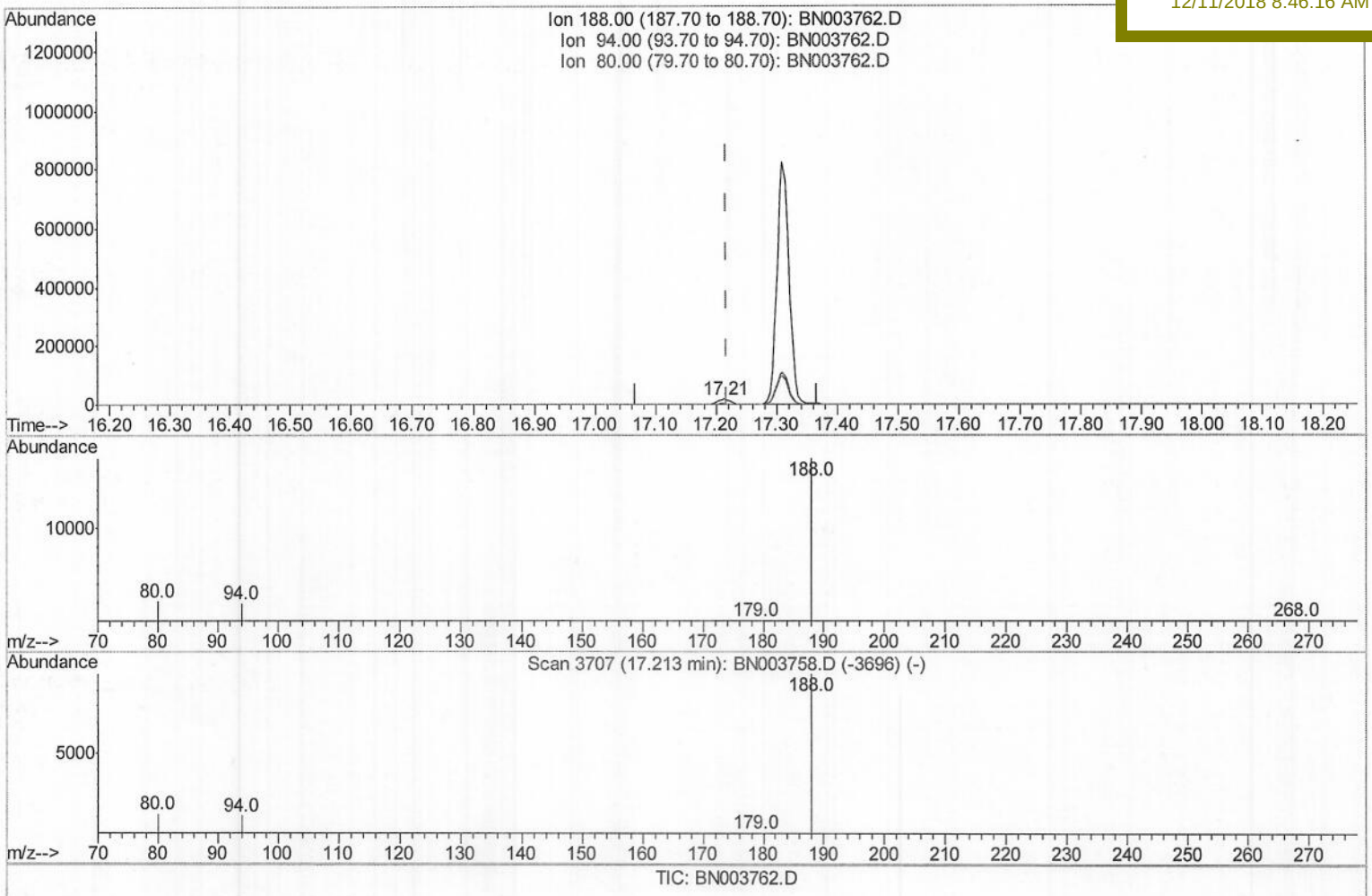
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120718\
Data File : BN003762.D
Acq On : 07 Dec 2018 12:37
Operator : JU/SJ
Sample : J6228-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 07 15:49:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 07 11:14:57 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9E76

Manual Integrations APPROVED
Sohil
12/11/2018 8:46:16 AM



TIC: BN003762.D

(10) Phenanthrene-d10 (I)

17.213min (-0.004) 0.40ng/ul m

response 24001

SJ 12/10/18

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	11.14
80.00	11.60	12.44
0.00	0.00	0.00

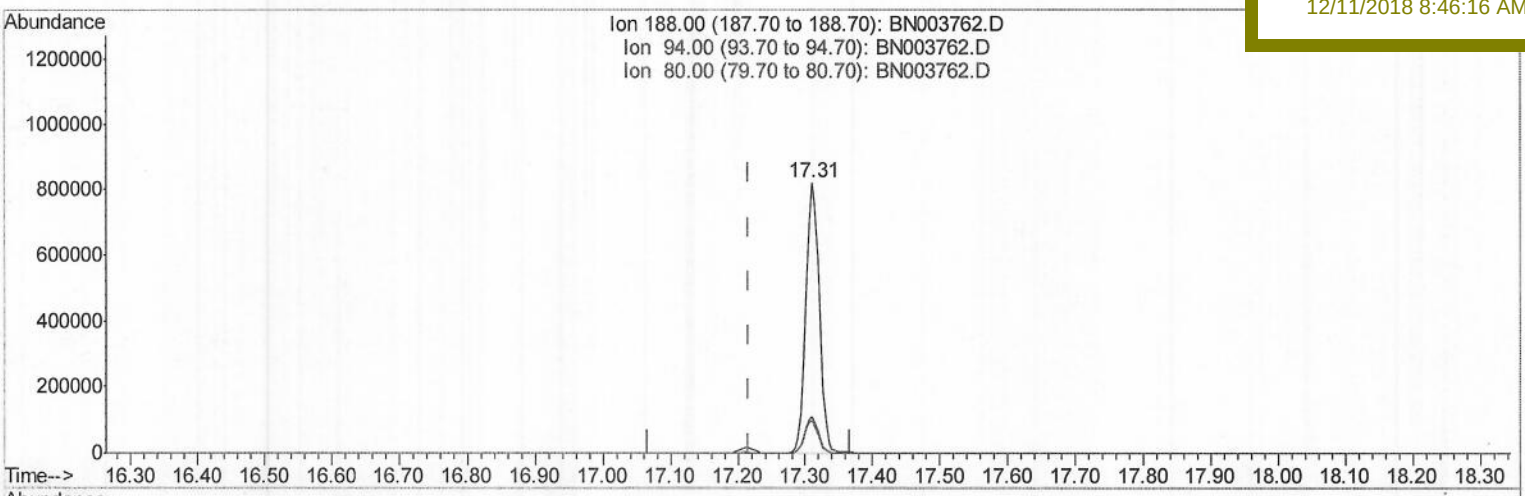
Quantitation Report (Qedit)

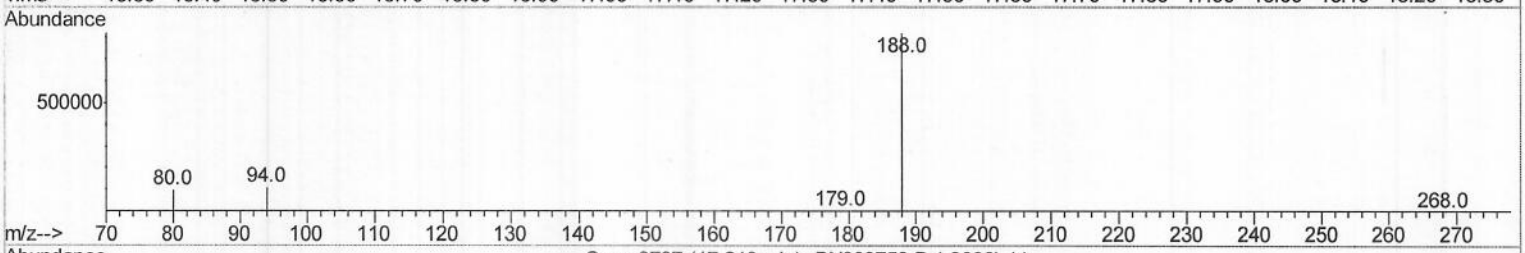
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120718\
Data File : BN003762.D
Acq On : 07 Dec 2018 12:37
Operator : JU/SJ
Sample : J6228-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

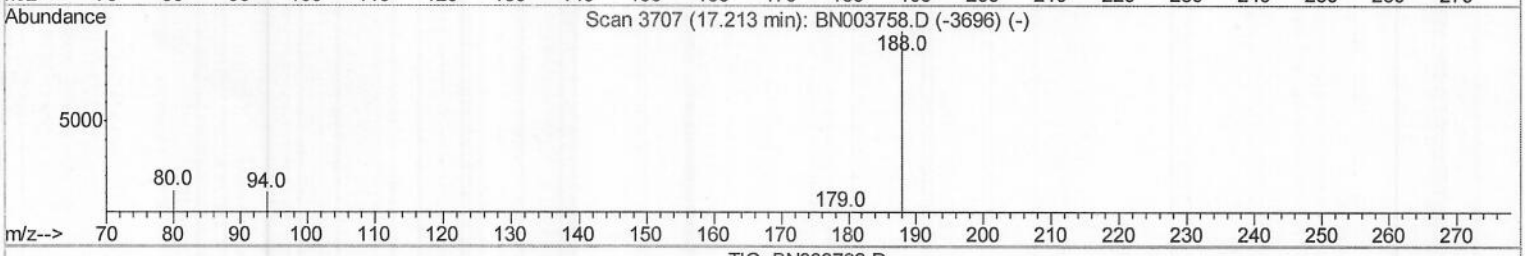
Quant Time: Dec 07 15:49:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 07 11:14:57 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9E76

Manual Integrations APPROVED
Sohil
12/11/2018 8:46:16 AM







TIC: BN003762.D

(10) Phenanthrene-d10 (I)

17.310min (+0.093) 0.40ng/ul

response 1131732

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	13.20#
80.00	11.60	11.81
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120718\

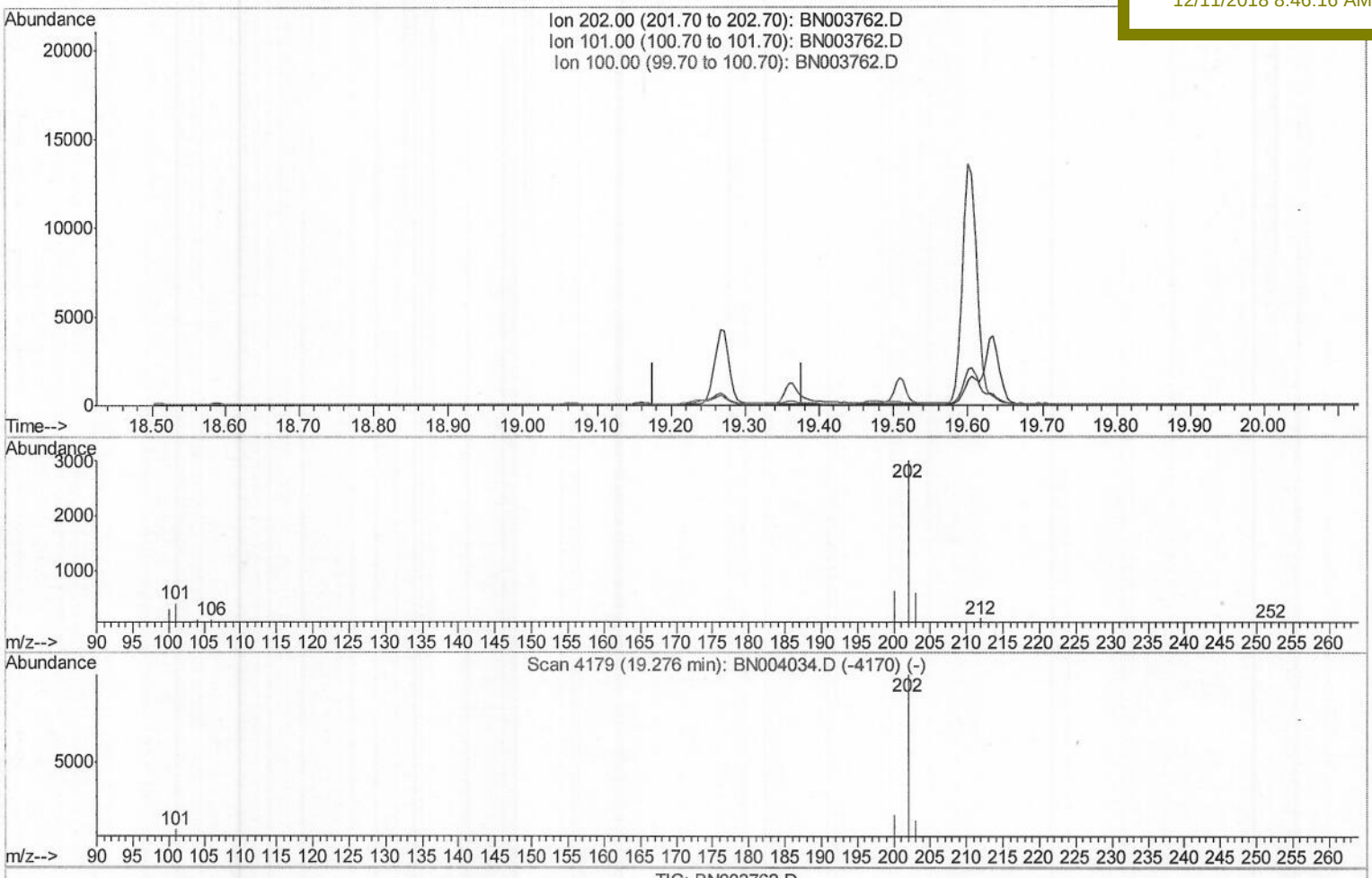
Quantitation Report (Qedit)

Data File : BN003762.D
Acq On : 07 Dec 2018 12:37
Operator : JU/SJ
Sample : J6228-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 20 00:38:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 20 00:31:05 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9E76

Manual Integrations APPROVED
Sohil
12/11/2018 8:46:16 AM



TIC: BN003762.D

(15) Fluoranthene (C)

19.276min (-19.276) 0.00ng/ul

response 0

Ion	Exp%	Act%
202.00	100	0.00
101.00	10.70	0.00
100.00	8.10	0.00
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120718\

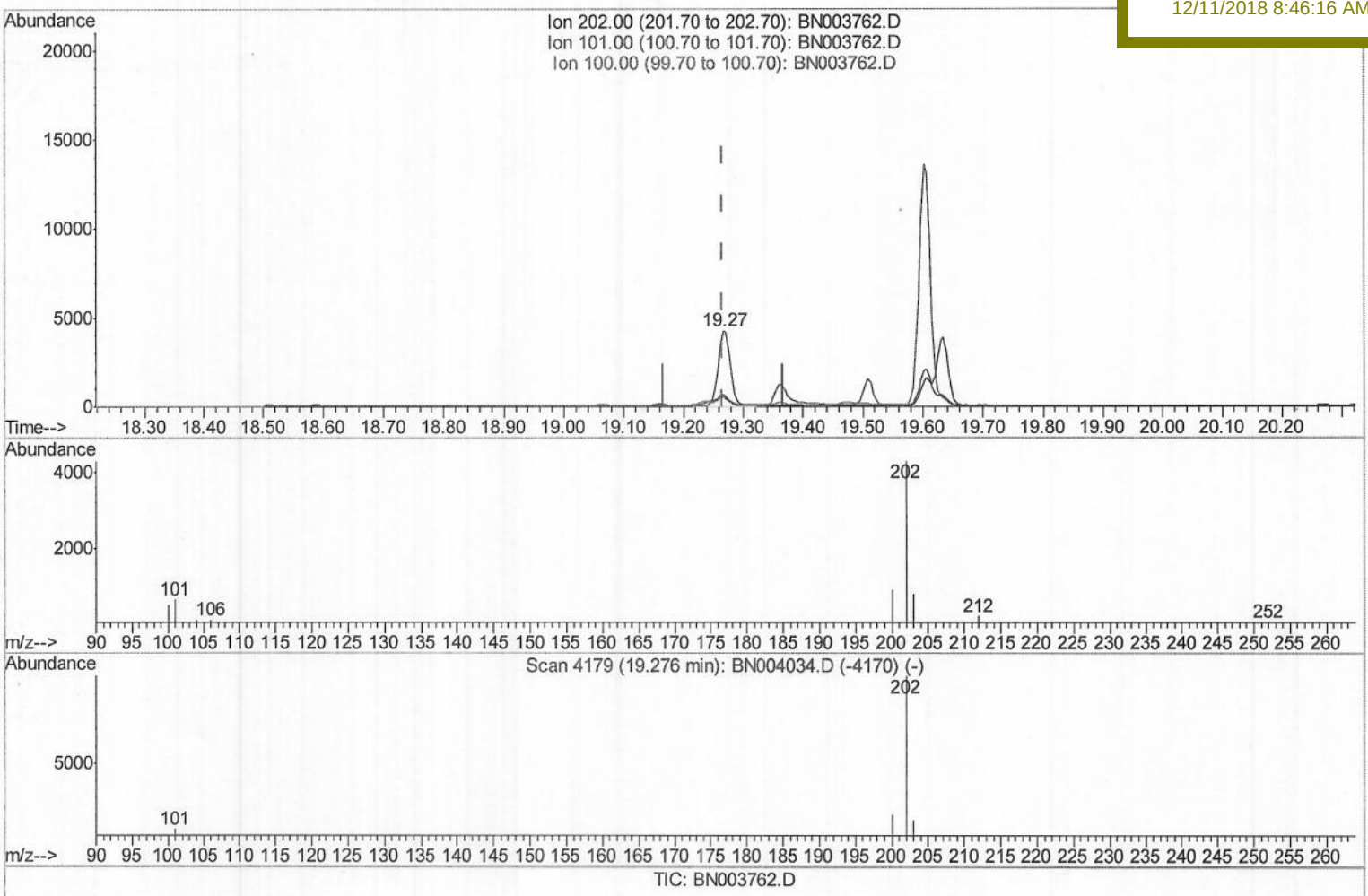
Quantitation Report (Qedit)

Data File : BN003762.D
Acq On : 07 Dec 2018 12:37
Operator : JU/SJ
Sample : J6228-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 10 11:09:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 07 11:14:57 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9E76

Manual Integrations APPROVED
Sohil
12/11/2018 8:46:16 AM



TIC: BN003762.D

(15) Fluoranthene (C)

19.267min (+0.000) 0.07ng/ul m

response 6156

SJ 12/10/18

Ion	Exp%	Act%
202.00	100	100
101.00	10.70	15.44
100.00	8.10	12.34
0.00	0.00	0.00

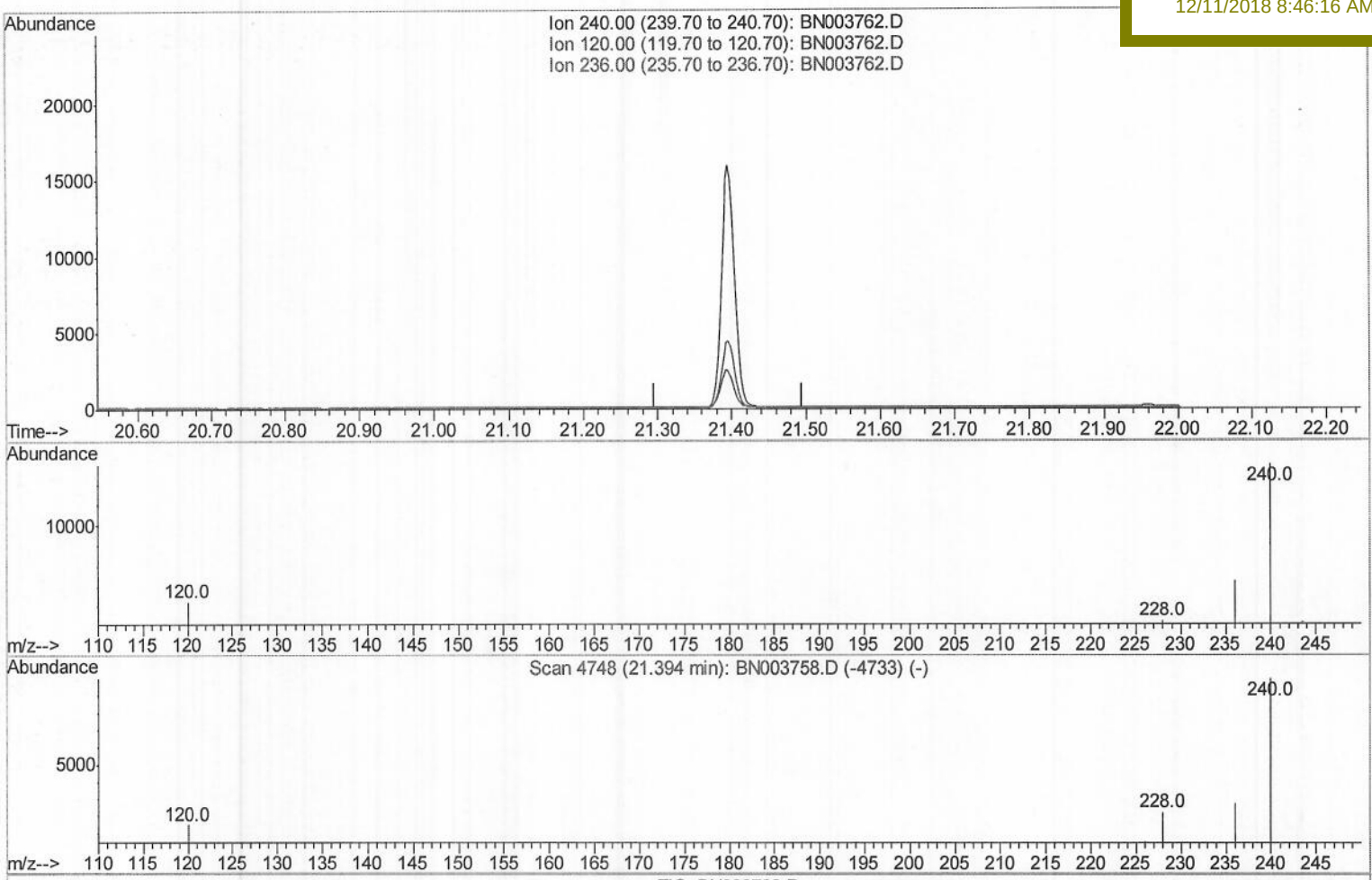
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120718\
Data File : BN003762.D
Acq On : 07 Dec 2018 12:37
Operator : JU/SJ
Sample : J6228-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 07 15:54:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 07 11:14:57 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9E76

Manual Integrations APPROVED
Sohil
12/11/2018 8:46:16 AM



TIC: BN003762.D

(16) Chrysene-d12 (I)

21.395min (-21.395) 0.00ng/ul

response 0

Ion	Exp%	Act%
240.00	100	0.00
120.00	14.00	0.00#
236.00	27.60	0.00#
0.00	0.00	0.00

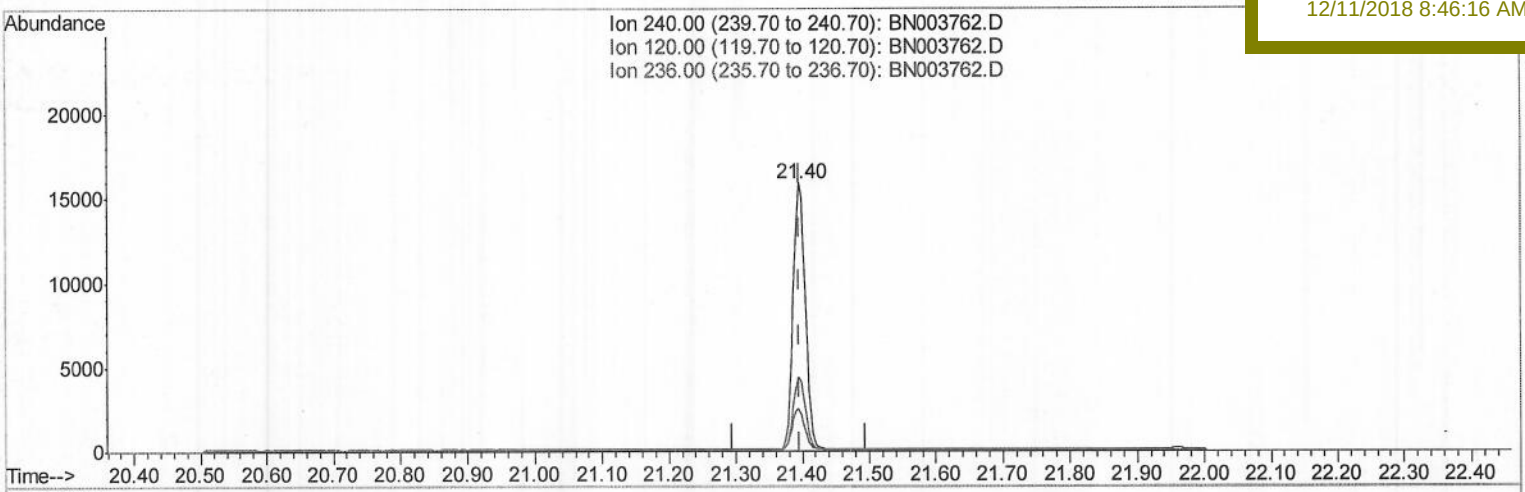
Quantitation Report (Qedit)

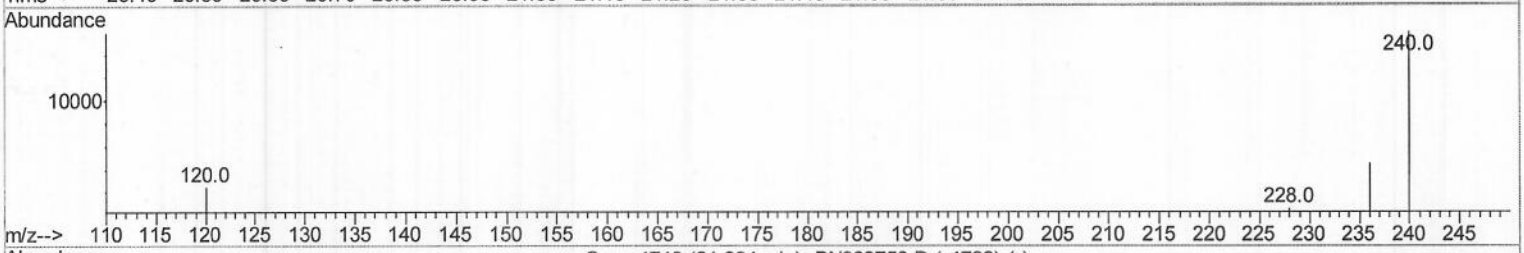
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120718\
Data File : BN003762.D
Acq On : 07 Dec 2018 12:37
Operator : JU/SJ
Sample : J6228-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

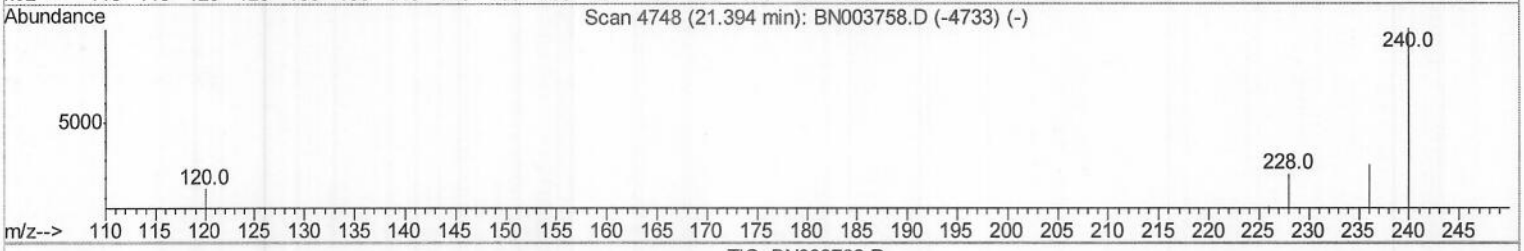
Quant Time: Dec 07 15:54:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 07 11:14:57 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9E76

Manual Integrations APPROVED
Sohil
12/11/2018 8:46:16 AM







TIC: BN003762.D

(16) Chrysene-d12 (I)

21.396min (+0.000) 0.40ng/ul m

response 20021

SJ 12/10/18

Ion	Exp%	Act%
240.00	100	100
120.00	14.00	15.44
236.00	27.60	27.93
0.00	0.00	0.00

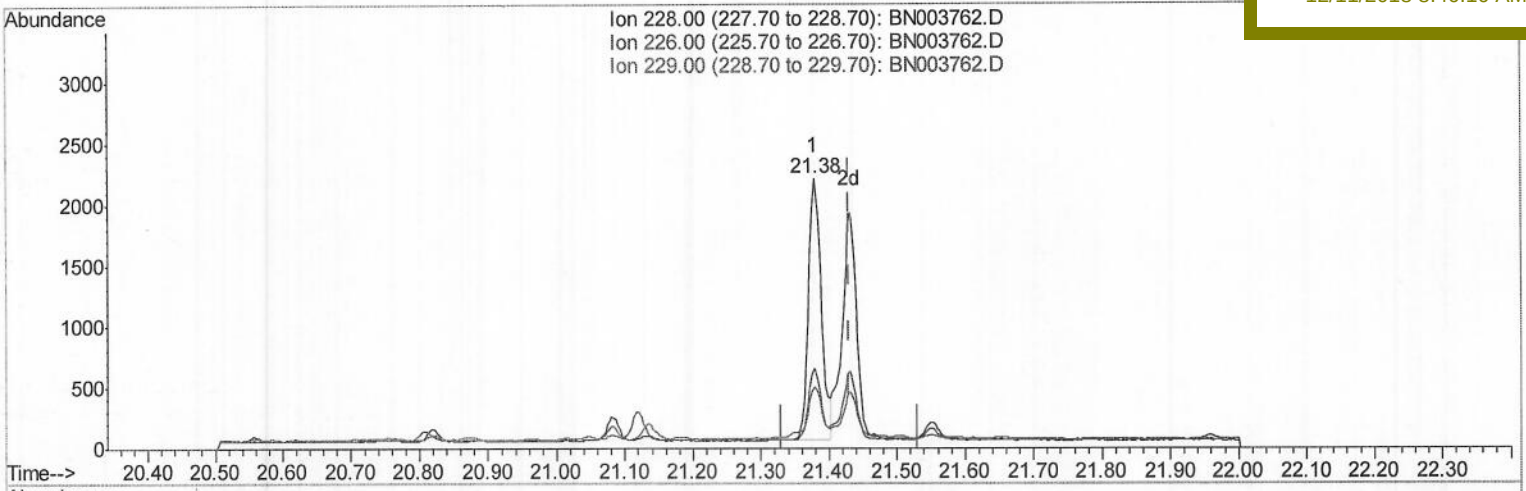
Quantitation Report (Qedit)

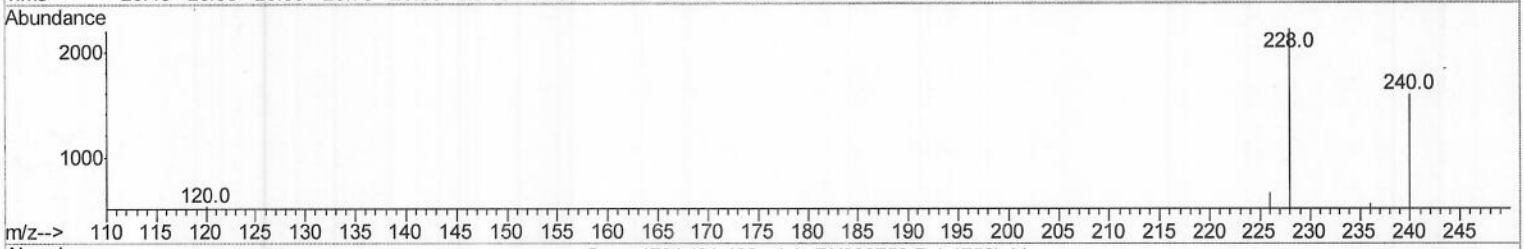
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120718\
Data File : BN003762.D
Acq On : 07 Dec 2018 12:37
Operator : JU/SJ
Sample : J6228-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

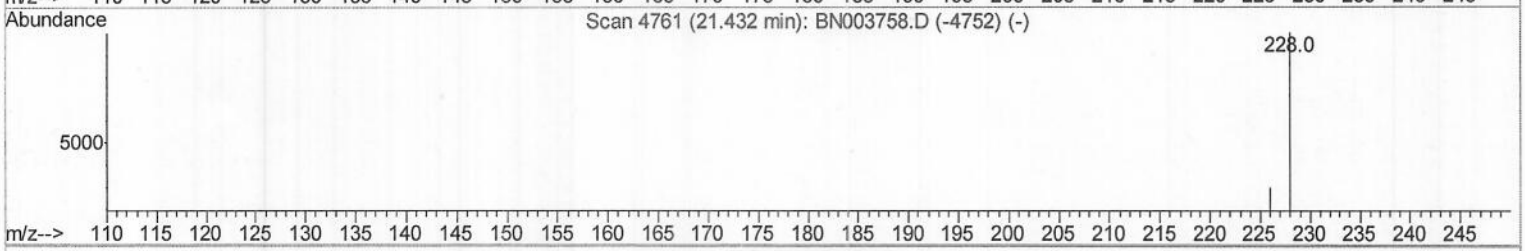
Quant Time: Dec 07 15:56:49 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 07 11:14:57 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9E76

Manual Integrations APPROVED
Sohil
12/11/2018 8:46:16 AM







TIC: BN003762.D

(19) Chrysene

21.378min (-0.052) 0.04ng/ul

response 2762

Ion	Exp%	Act%
228.00	100	100
226.00	30.00	29.71
229.00	19.60	22.92
0.00	0.00	0.00

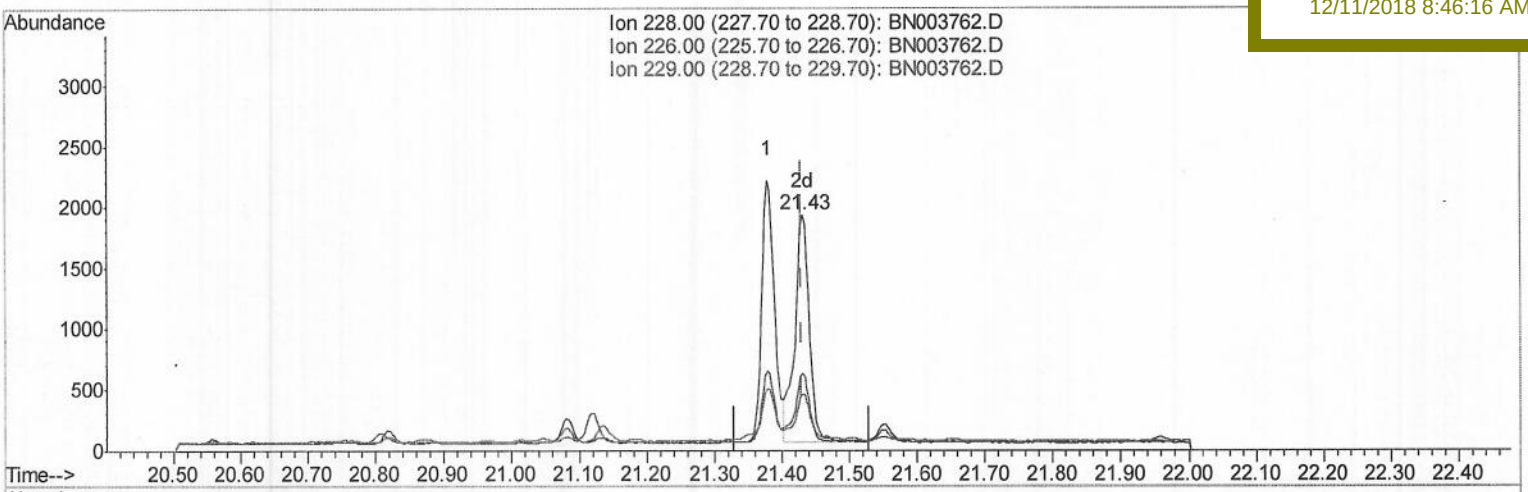
Quantitation Report (Qedit)

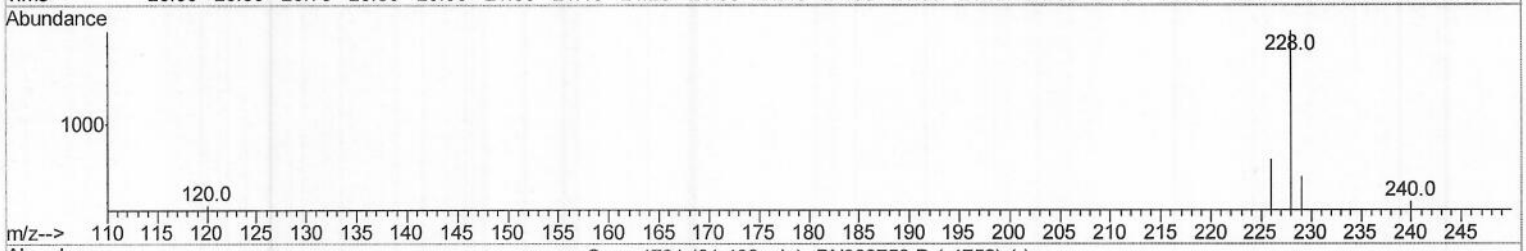
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120718\
Data File : BN003762.D
Acq On : 07 Dec 2018 12:37
Operator : JU/SJ
Sample : J6228-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

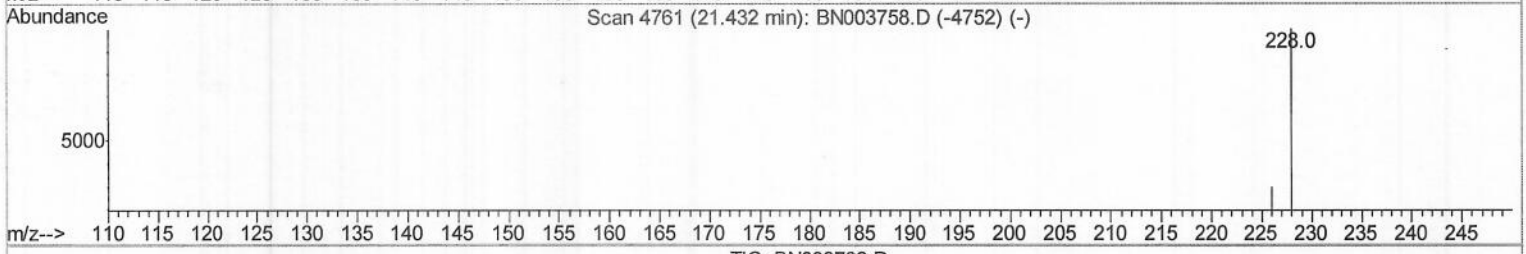
Quant Time: Dec 07 15:56:49 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 07 11:14:57 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9E76

Manual Integrations APPROVED
Sohil
12/11/2018 8:46:16 AM







TIC: BN003762.D

(19) Chrysene

21.431min (+0.000) 0.04ng/ul m

response 2771

SJ 12/10/18

Ion	Exp%	Act%
228.00	100	100
226.00	30.00	32.61
229.00	19.60	23.96#
0.00	0.00	0.00

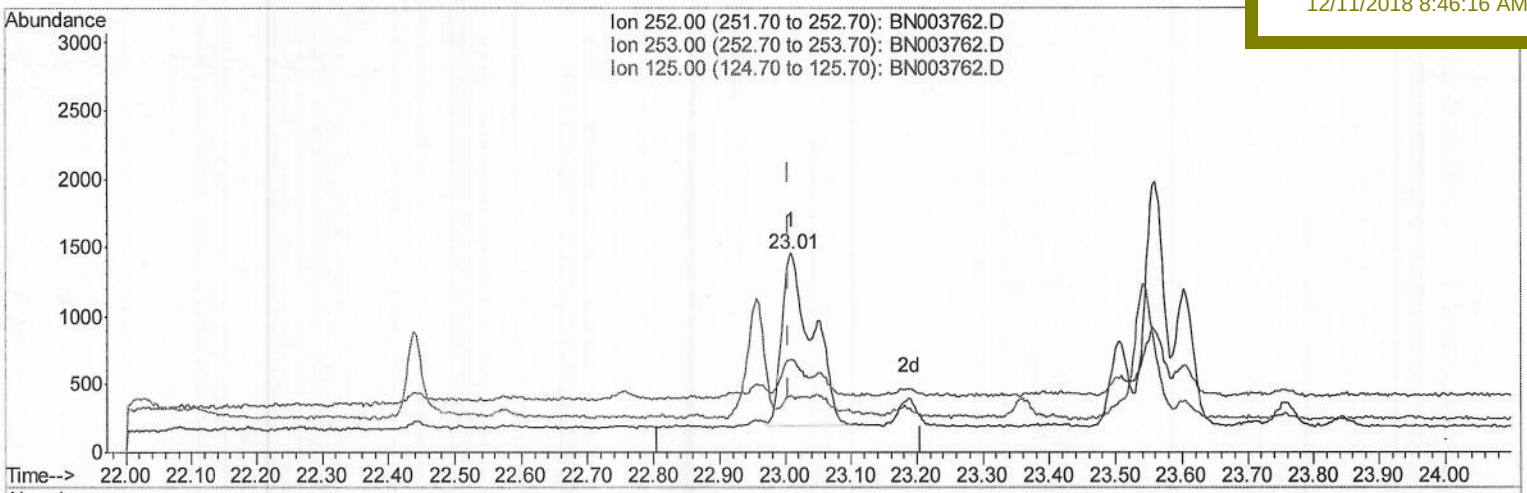
Quantitation Report (Qedit)

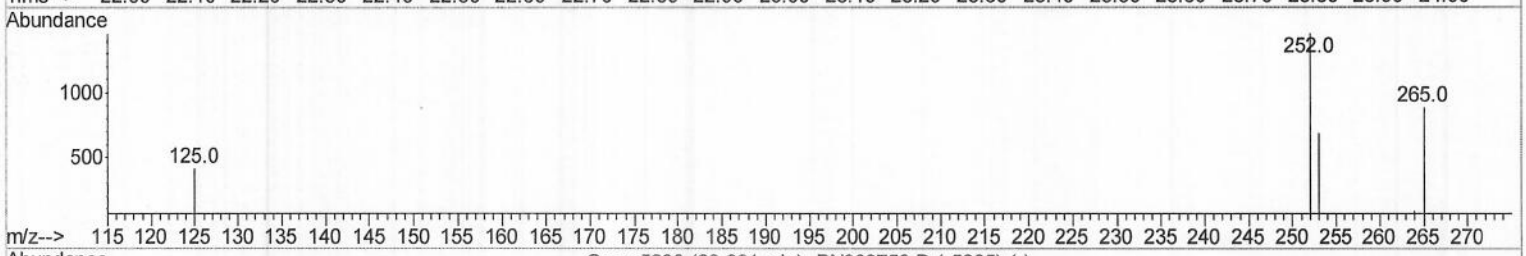
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120718\
Data File : BN003762.D
Acq On : 07 Dec 2018 12:37
Operator : JU/SJ
Sample : J6228-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

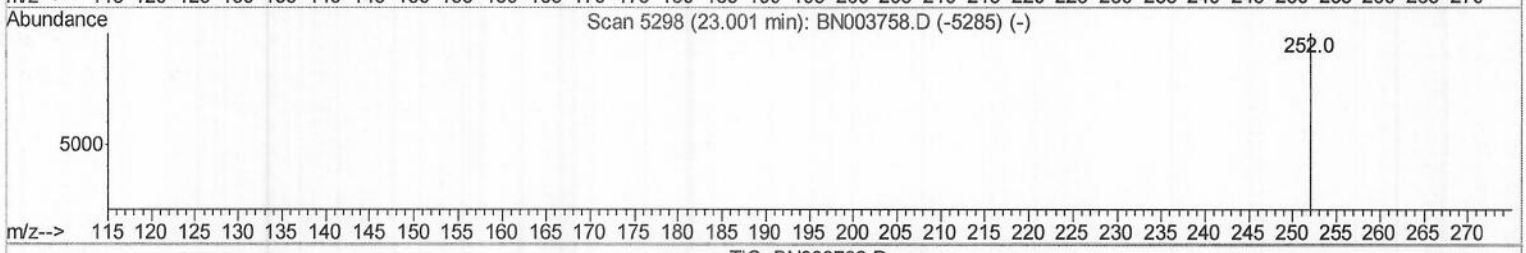
Quant Time: Dec 07 15:57:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 07 11:14:57 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9E76

Manual Integrations APPROVED
Sohil
12/11/2018 8:46:16 AM







TIC: BN003762.D

(21) Benzo(b)fluoranthene

23.009min (+0.003) 0.05ng/ul

response 4095

Ion	Exp%	Act%
252.00	100	100
253.00	23.00	47.22#
125.00	11.20	28.59#
0.00	0.00	0.00

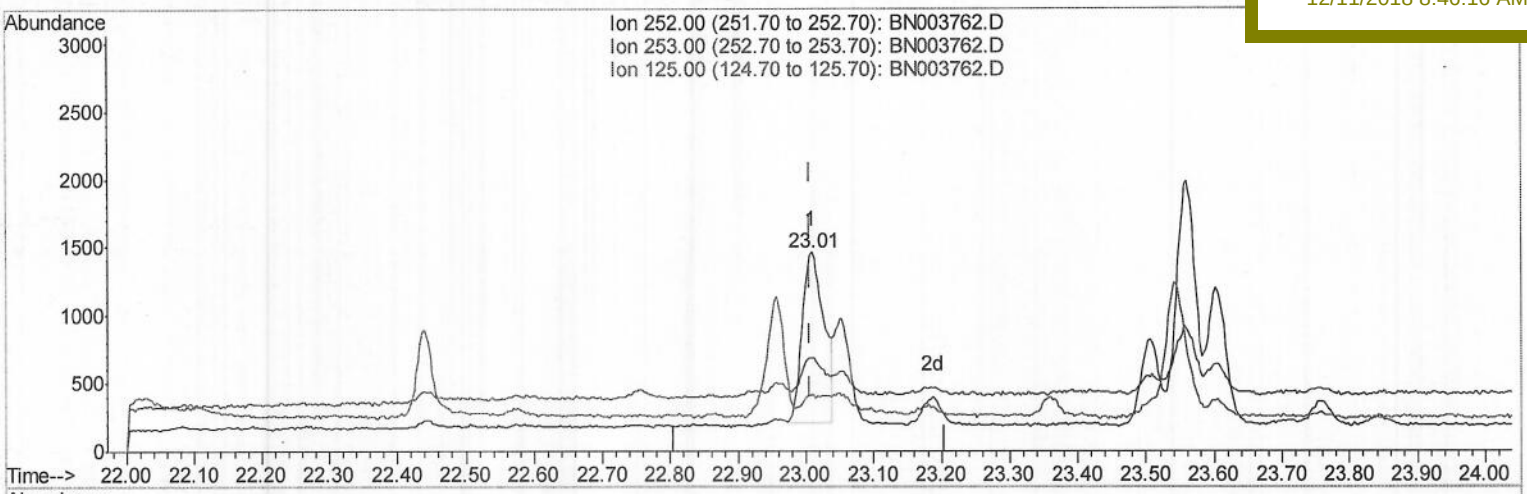
Quantitation Report (Qedit)

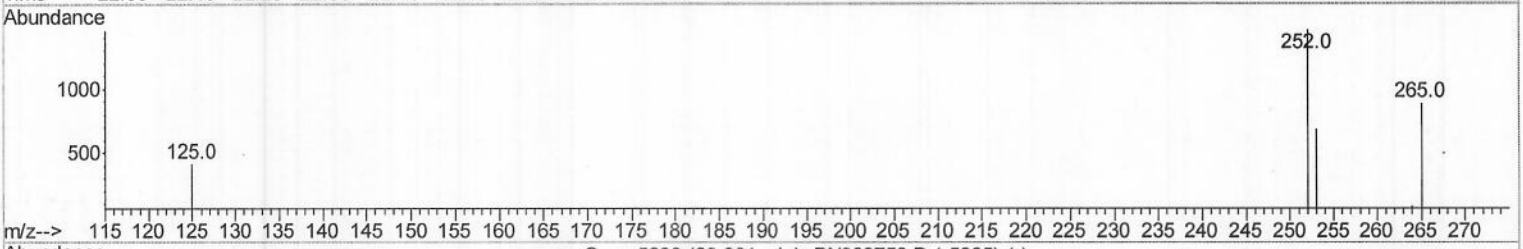
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120718\
Data File : BN003762.D
Acq On : 07 Dec 2018 12:37
Operator : JU/SJ
Sample : J6228-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

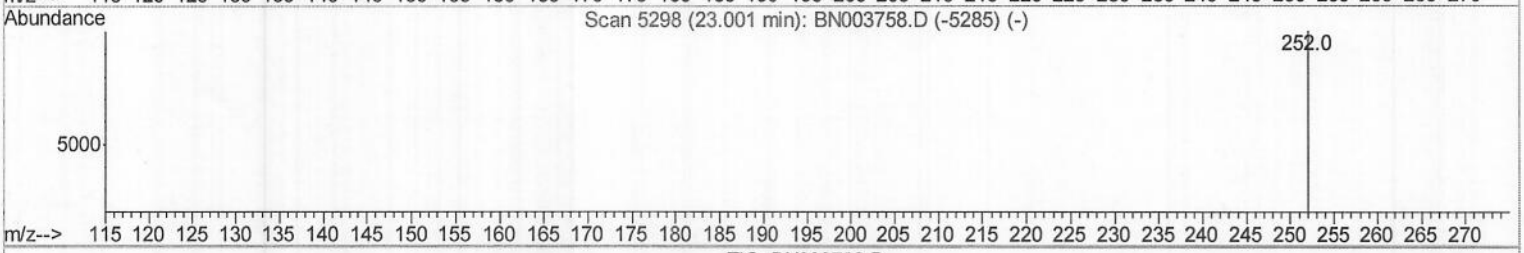
Quant Time: Dec 07 15:57:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 07 11:14:57 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9E76

Manual Integrations APPROVED
Sohil
12/11/2018 8:46:16 AM







TIC: BN003762.D

(21) Benzo(b)fluoranthene

23.009min (+0.003) 0.04ng/ul m

response 2783

SJ 12/16/18

Ion	Exp%	Act%
252.00	100	100
253.00	23.00	47.22#
125.00	11.20	28.59#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120718\

Quantitation Report (QT Reviewed)

Data File : BN003762.D
Acq On : 07 Dec 2018 12:37
Operator : JU/SJ
Sample : J6228-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 10 11:09:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 07 11:14:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	4956	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	20156	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	10960	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	24001m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	20021m	0.40	ng/ul	0.00
20) Perylene-d12	23.71	264	18896	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	6638	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	14789m	0.21	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.26	178	3237	0.041	ng/ul	95
15) Fluoranthene	19.27	202	6156m	0.066	ng/ul	
17) Pyrene	19.63	202	4964	0.069	ng/ul#	93
18) Benzo(a)anthracene	21.38	228	2762	0.044	ng/ul	93
19) Chrysene	21.43	228	2771m	0.038	ng/ul	
21) Benzo(b)fluoranthene	23.01	252	2783m	0.036	ng/ul	
23) Benzo(a)pyrene	23.60	252	1807	0.027	ng/ul#	45

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

Instrument :
BNA_N
ClientSampleId :
F9E76

Manual Integrations APPROVED
Sohil
12/11/2018 8:46:16 AM

SJ
12/10/18