Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121118\

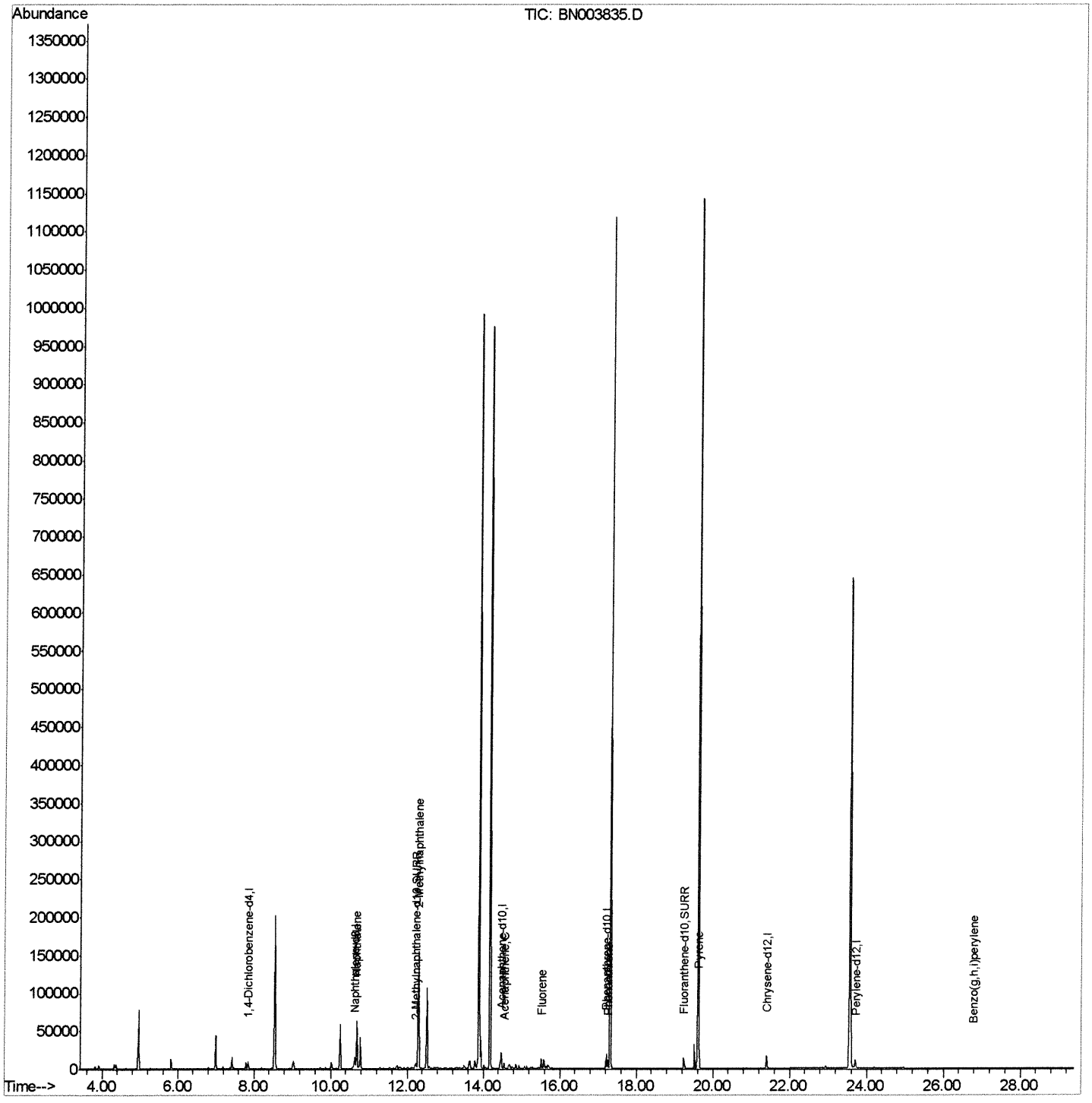
Quantitation Report (QT Reviewed)

Data File : BN003835.D
Acq On : 12 Dec 2018 03:12
Operator : JU/SJ
Sample : J6171-18
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Dec 12 04:05:53 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 : Wed Dec 12 03:46:49 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9Y28

Manual Integrations APPROVED
Sohil
12/12/2018 5:50:56 PM



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121118\

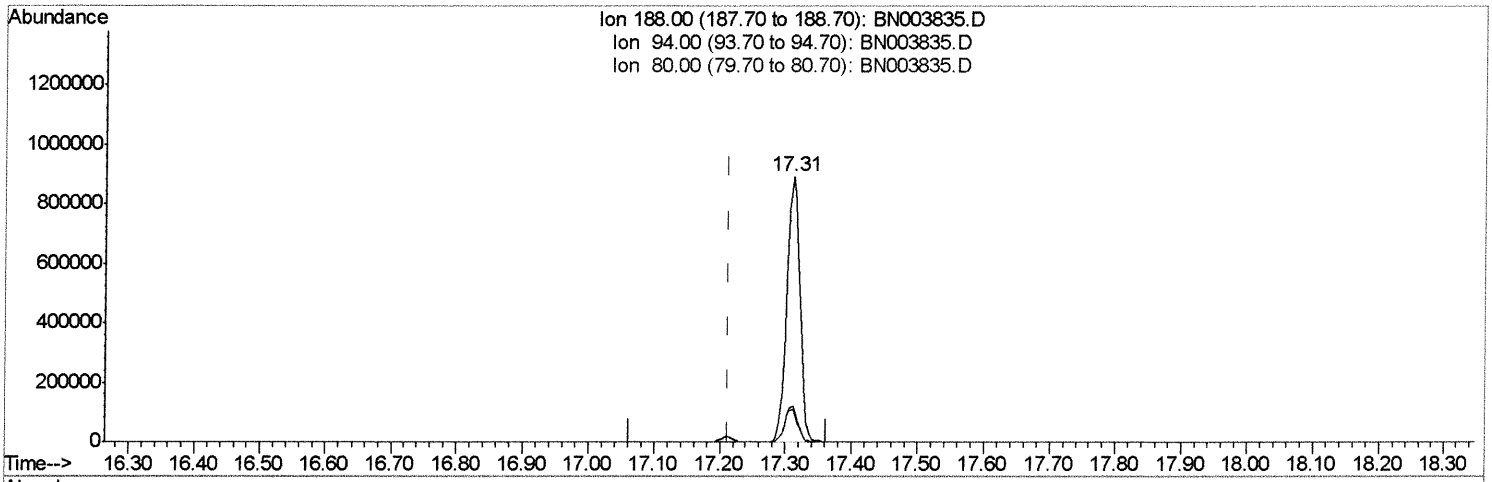
Quantitation Report (Qedit)

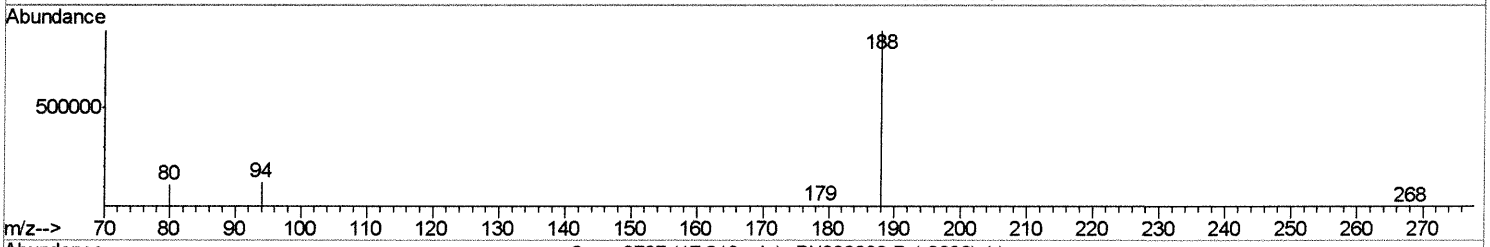
Data File : BN003835.D
Acq On : 12 Dec 2018 03:12
Operator : JU/SJ
Sample : J6171-18
Misc :
ALS Vial : 30 Sample Multiplier: 1

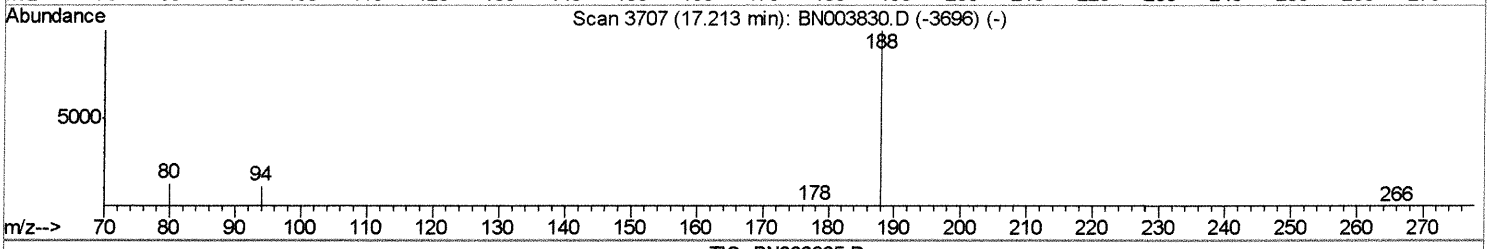
Quant Time: Dec 12 03:49:42 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 03:46:49 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9Y28

Manual Integrations APPROVED
Sohil
12/12/2018 5:50:56 PM







TIC: BN003835.D

(10) Phenanthrene-d10 (I)

17.310min (+0.097) 0.40ng/ul

response 1242089

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	13.52#
80.00	11.60	12.08
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121118\

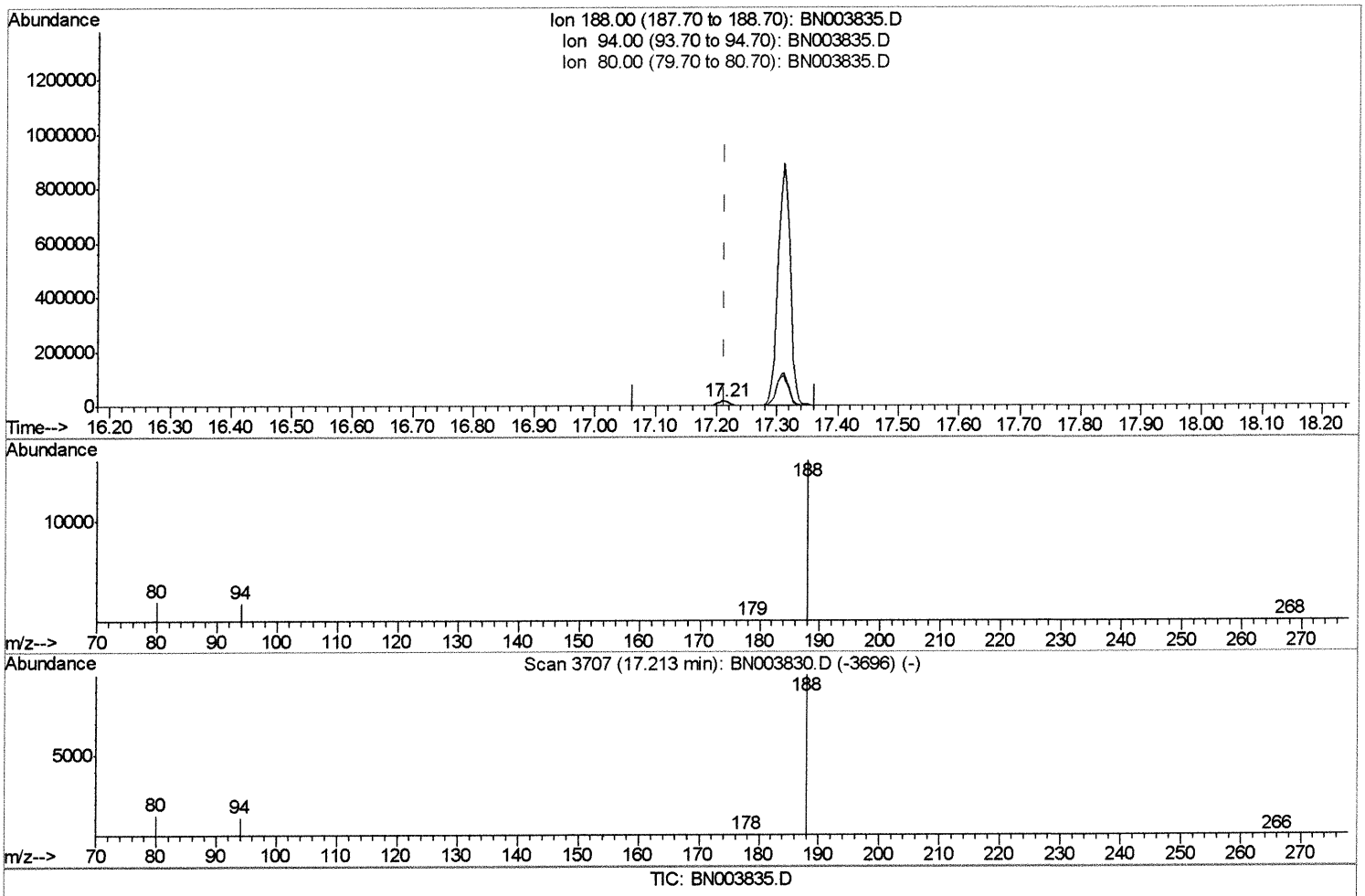
Quantitation Report (Qedit)

Data File : BN003835.D
Acq On : 12 Dec 2018 03:12
Operator : JU/SJ
Sample : J6171-18
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Dec 12 03:49:42 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 : Wed Dec 12 03:46:49 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9Y28

Manual Integrations APPROVED
Sohil
12/12/2018 5:50:56 PM



TIC: BN003835.D

(10) Phenanthrene-d10 (I)

17.213min (+0.000) 0.40ng/ul m SJ 12/13/18

response 22253

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	11.32
80.00	11.60	12.37
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121118\

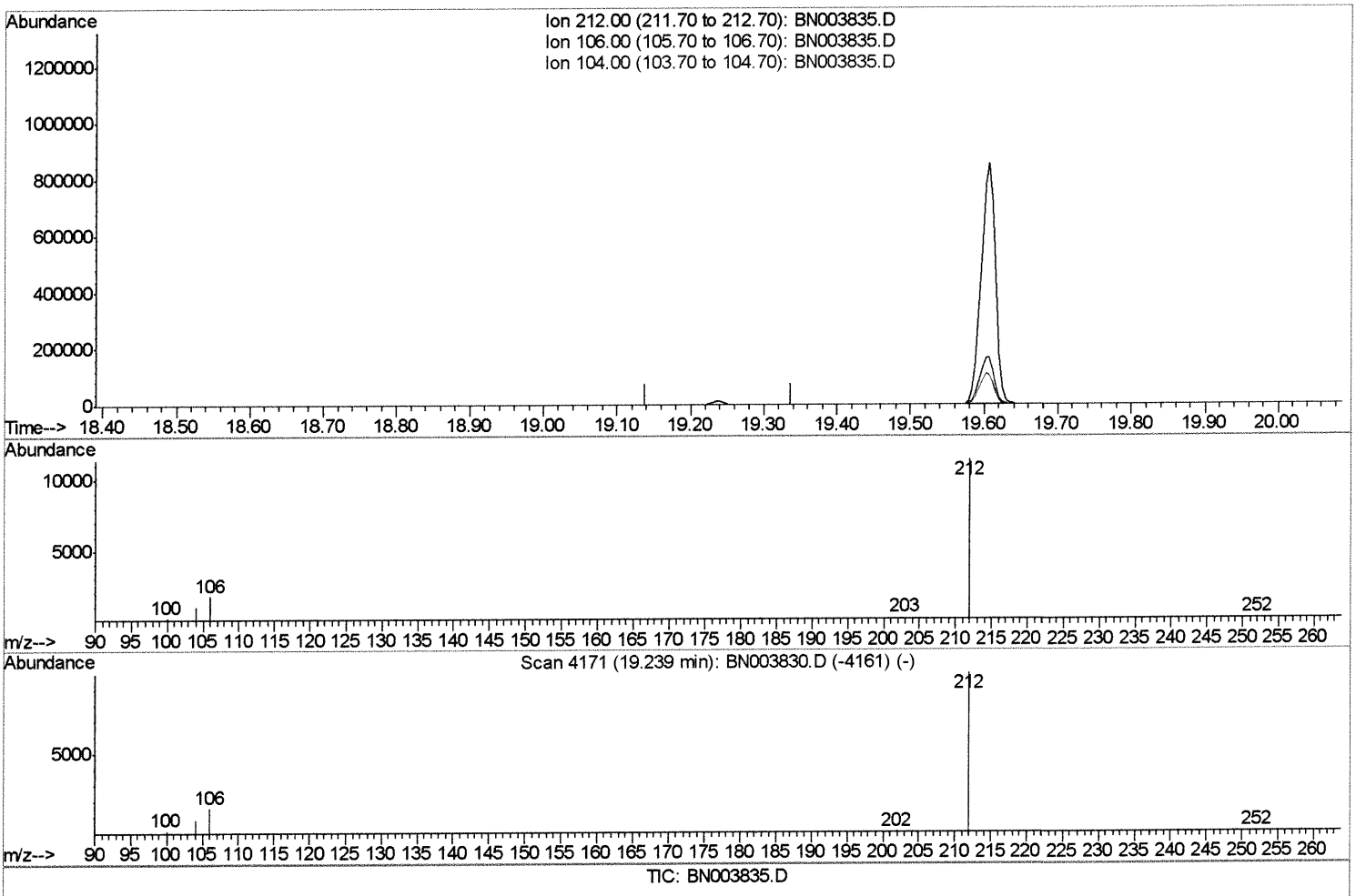
Quantitation Report (Qedit)

Data File : BN003835.D
Acq On : 12 Dec 2018 03:12
Operator : JU/SJ
Sample : J6171-18
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Dec 12 04:02:56 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 : Wed Dec 12 03:46:49 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9Y28

Manual Integrations APPROVED
Sohil
12/12/2018 5:50:56 PM



TIC: BN003835.D

(14) Fluoranthene-d10 (SURR)

19.239min (-19.239) 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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121118\

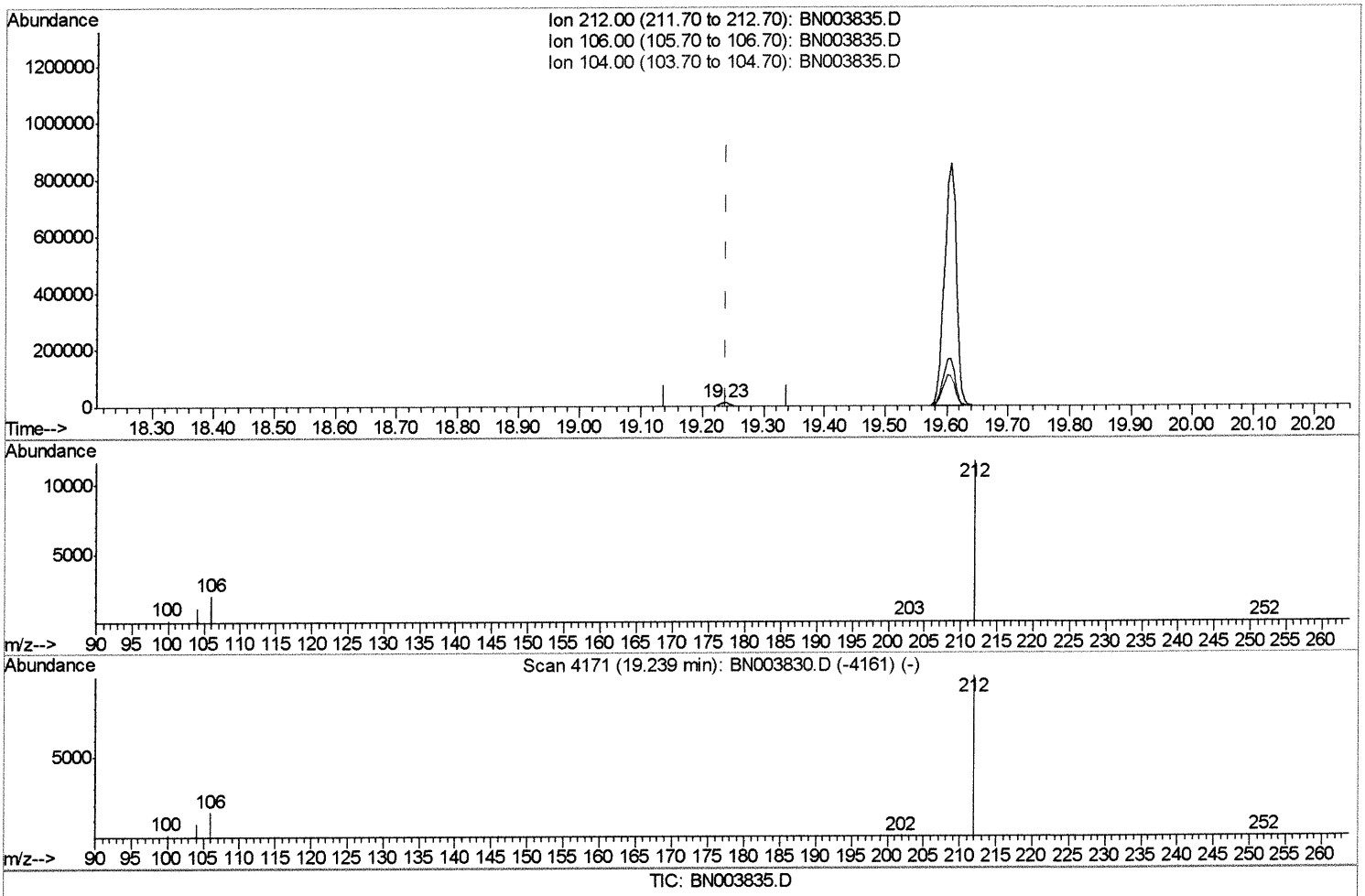
Quantitation Report (Qedit)

Data File : BN003835.D
Acq On : 12 Dec 2018 03:12
Operator : JU/SJ
Sample : J6171-18
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Dec 12 04:02:56 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 : Wed Dec 12 03:46:49 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9Y28

Manual Integrations APPROVED
Sohil
12/12/2018 5:50:56 PM



TIC: BN003835.D

(14) Fluoranthene-d10 (SURR)

19.234min (-0.005) 0.24ng/ul m) SJ 12/13/18

response 15363

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\BN121118\

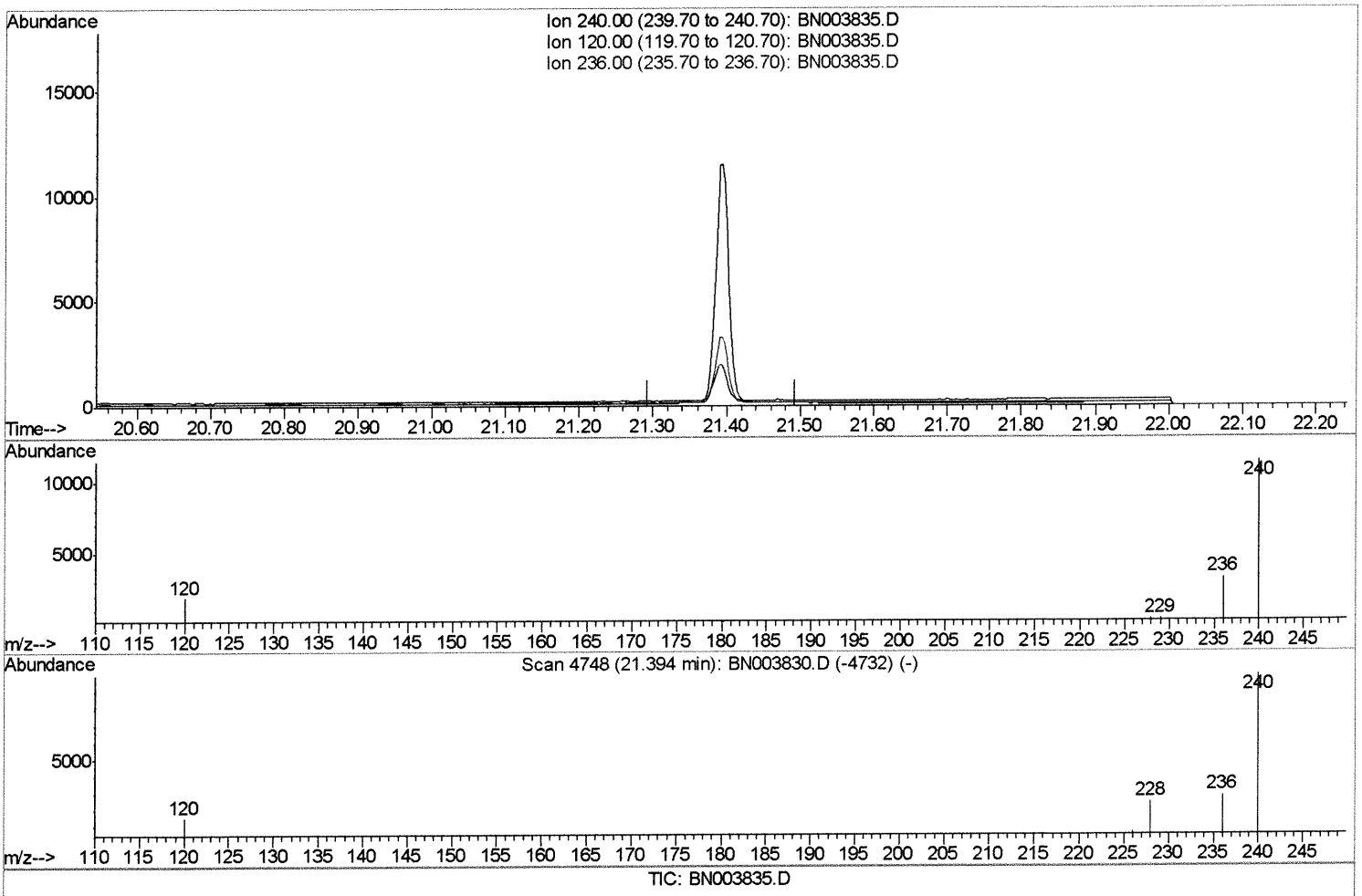
Quantitation Report (Qedit)

Data File : BN003835.D
Acq On : 12 Dec 2018 03:12
Operator : JU/SJ
Sample : J6171-18
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Dec 12 04:02:56 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 : Wed Dec 12 03:46:49 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9Y28

Manual Integrations APPROVED
Sohil
12/12/2018 5:50:56 PM



TIC: BN003835.D

(16) Chrysene-d12 (I)

21.394min (-21.394) 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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121118\

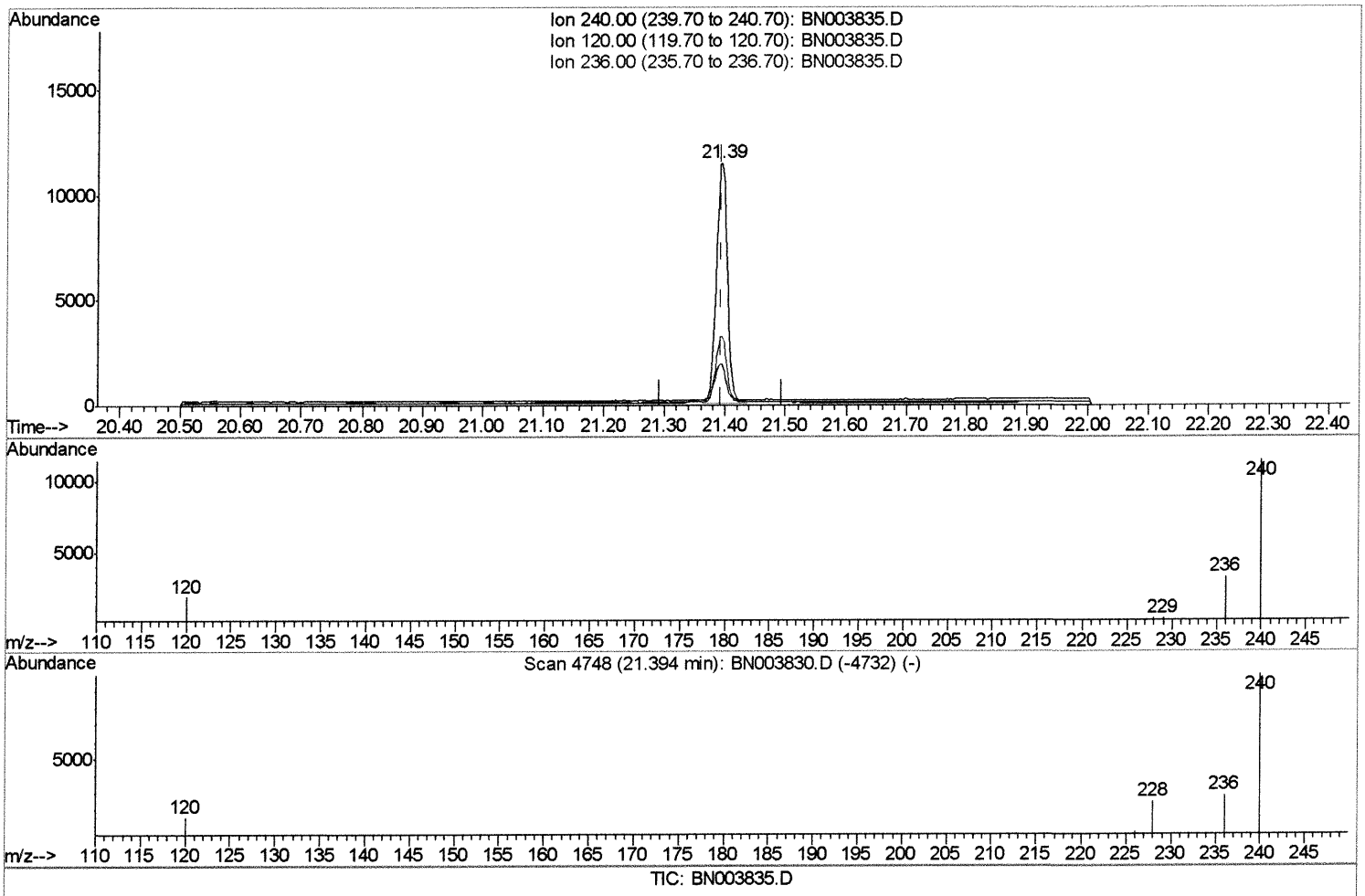
Quantitation Report (Qedit)

Data File : BN003835.D
Acq On : 12 Dec 2018 03:12
Operator : JU/SJ
Sample : J6171-18
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Dec 12 04:02:56 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 : Wed Dec 12 03:46:49 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9Y28

Manual Integrations APPROVED
Sohil
12/12/2018 5:50:56 PM



TIC: BN003835.D

(16) Chrysene-d12 (I)

21.394min (+0.000) 0.40ng/ul m) SJ 12/13/18

response 14513

Ion	Exp%	Act%
240.00	100	100
120.00	14.00	16.63
236.00	27.60	28.55
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121118\

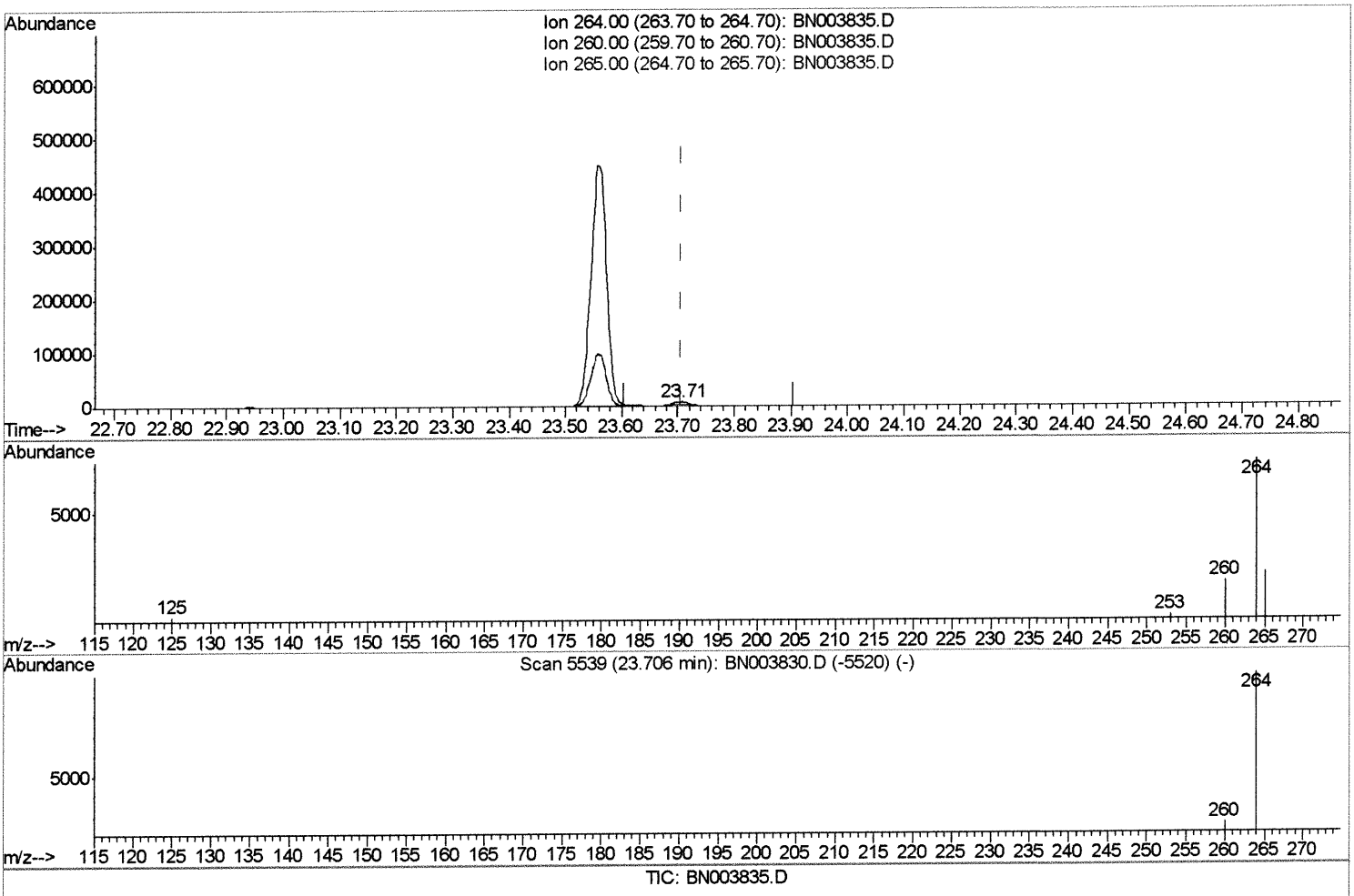
Quantitation Report (Qedit)

Data File : BN003835.D
Acq On : 12 Dec 2018 03:12
Operator : JU/SJ
Sample : J6171-18
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Dec 12 04:03:46 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 : Wed Dec 12 03:46:49 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9Y28

Manual Integrations APPROVED
Sohil
12/12/2018 5:50:56 PM



(20) Perylene-d12 (I)

23.706min (+0.000) 0.40ng/ul

response 14964

Ion	Exp%	Act%
264.00	100	100
260.00	26.20	26.86
265.00	33.50	32.41
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121118\

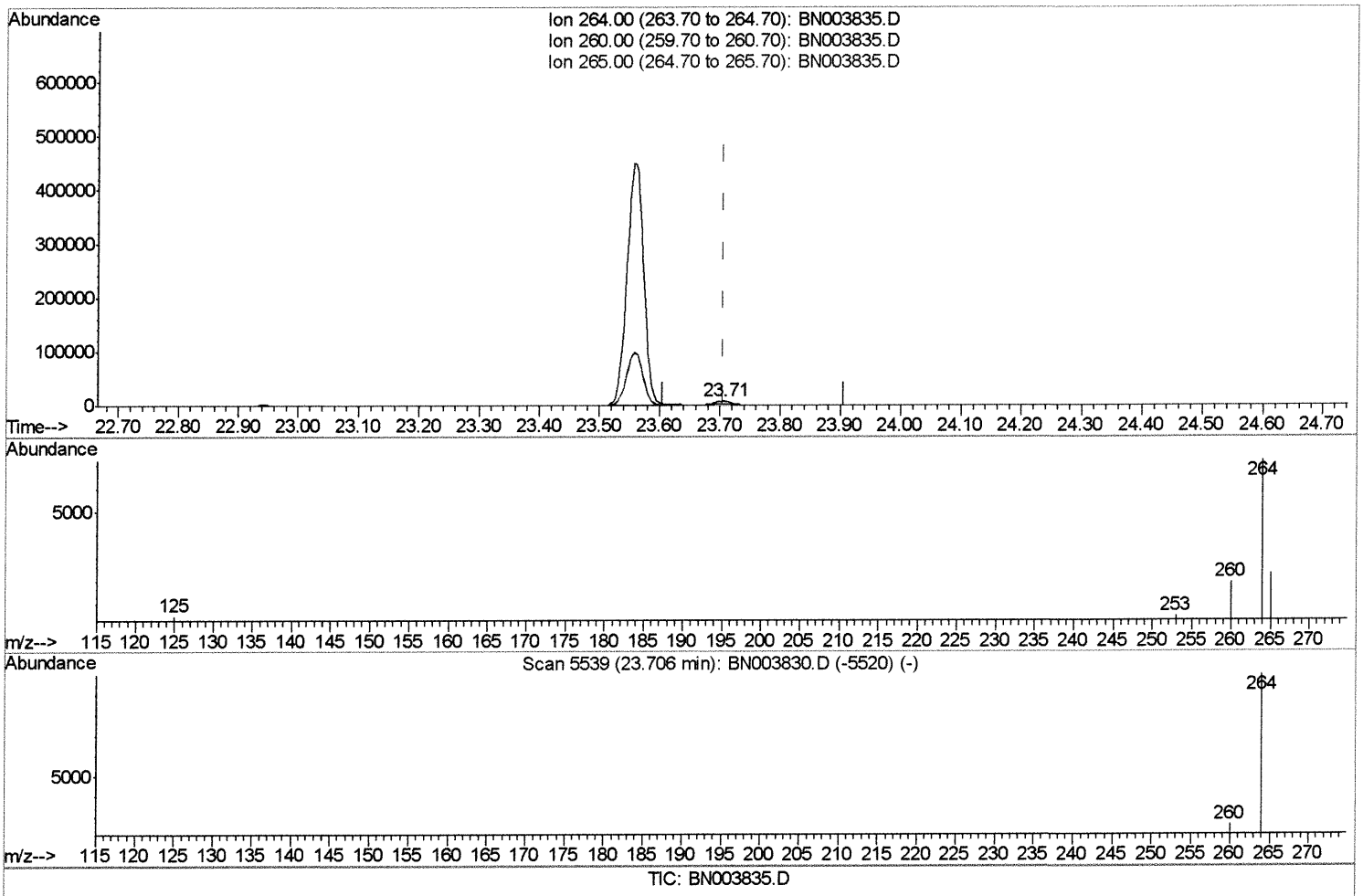
Quantitation Report (Qedit)

Data File : BN003835.D
Acq On : 12 Dec 2018 03:12
Operator : JU/SJ
Sample : J6171-18
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Dec 12 04:03:46 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 : Wed Dec 12 03:46:49 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9Y28

Manual Integrations APPROVED
Sohil
12/12/2018 5:50:56 PM



(20) Perylene-d12 (I)

23.706min (+0.000) 0.40ng/ul m) SJ 12/13/18

response 12598

Ion	Exp%	Act%
264.00	100	100
260.00	26.20	26.86
265.00	33.50	32.41
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121118\

Quantitation Report (QT Reviewed)

Data File : BN003835.D
Acq On : 12 Dec 2018 03:12
Operator : JU/SJ
Sample : J6171-18
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Dec 12 04:05:53 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 : Wed Dec 12 03:46:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	5116	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	20896	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	11335	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	22253m	0.40	ng/ul	0.00
16) Chrysene-d12	21.39	240	14513m	0.40	ng/ul	0.00
20) Perylene-d12	23.71	264	12598m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	8650	0.27	ng/ul	0.00
14) Fluoranthene-d10	19.23	212	15363m	0.24	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.68	128	82079	1.398	ng/ul	99
5) 2-Methylnaphthalene	12.29	142	106723	2.604	ng/ul	100
8) Acenaphthene	14.53	153	4858	0.109	ng/ul	95
9) Fluorene	15.51	166	7872	0.151	ng/ul#	97
12) Phenanthrene	17.25	178	12849	0.176	ng/ul	98
17) Pyrene	19.63	202	4914	0.094	ng/ul#	92
26) Benzo(g,h,i)perylene	26.78	276	2263	0.050	ng/ul#	74

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

Instrument :
BNA_N
ClientSampleId :
F9Y28

Manual Integrations APPROVED
Sohil
12/12/2018 5:50:56 PM

SJ 12/13/18