Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121018\

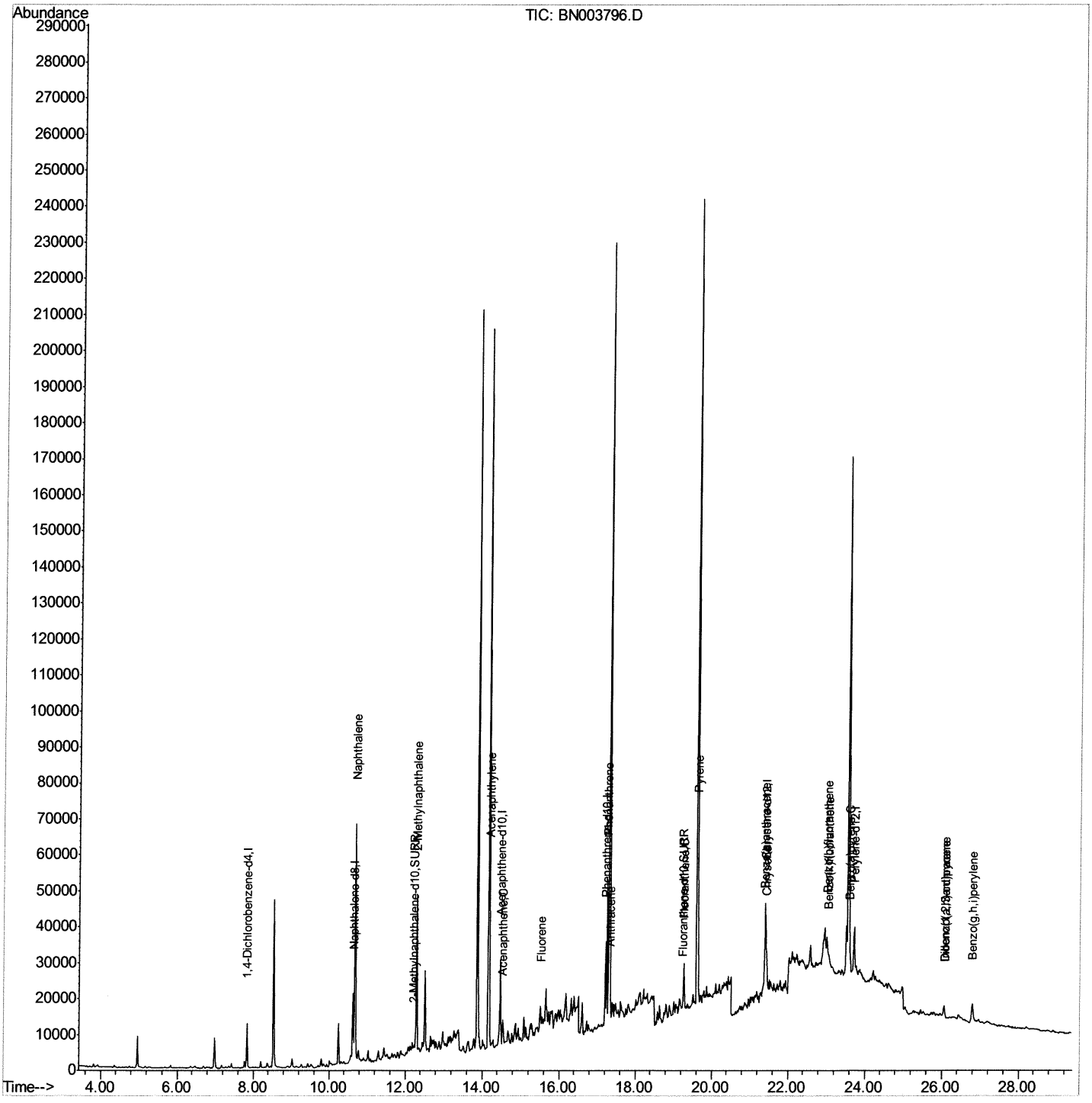
Quantitation Report (QT Reviewed)

Data File : BN003796.D
Acq On : 11 Dec 2018 01:54
Operator : JU/SJ
Sample : J6077-15DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 11 05:41:37 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 : Tue Dec 11 04:22:54 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9Y31DL

Manual Integrations APPROVED
Sohil
12/11/2018 6:12:29 PM



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121018\

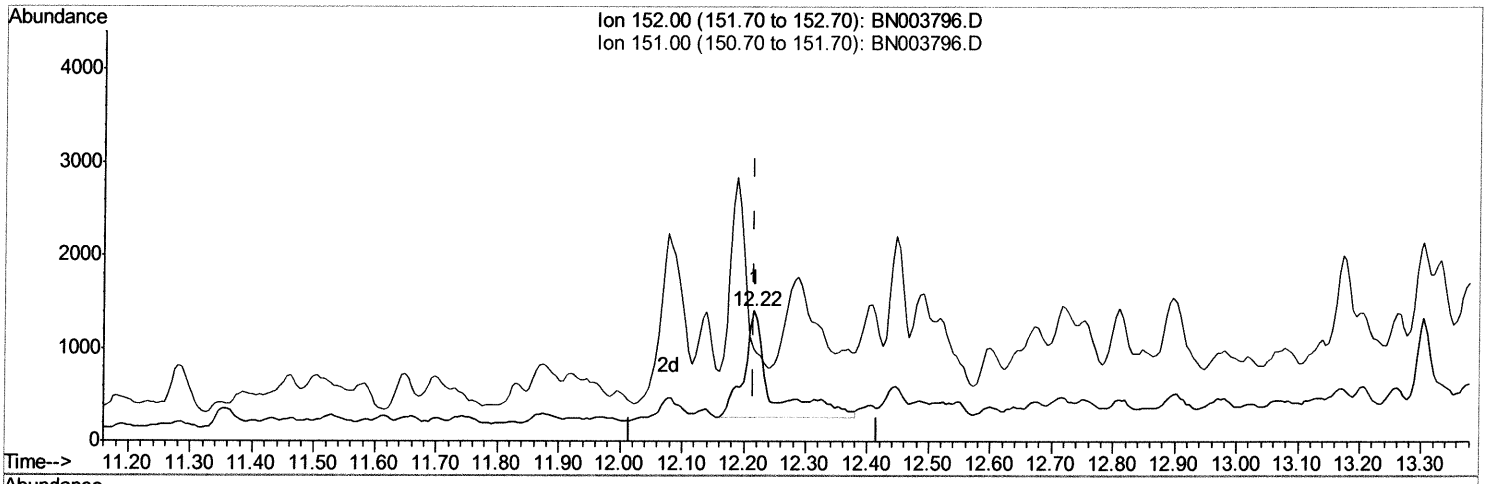
Quantitation Report (Qedit)

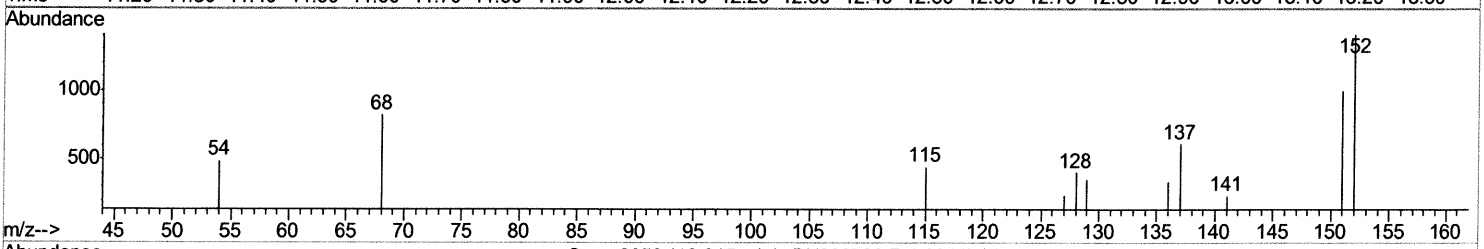
Data File : BN003796.D
Acq On : 11 Dec 2018 01:54
Operator : JU/SJ
Sample : J6077-15DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

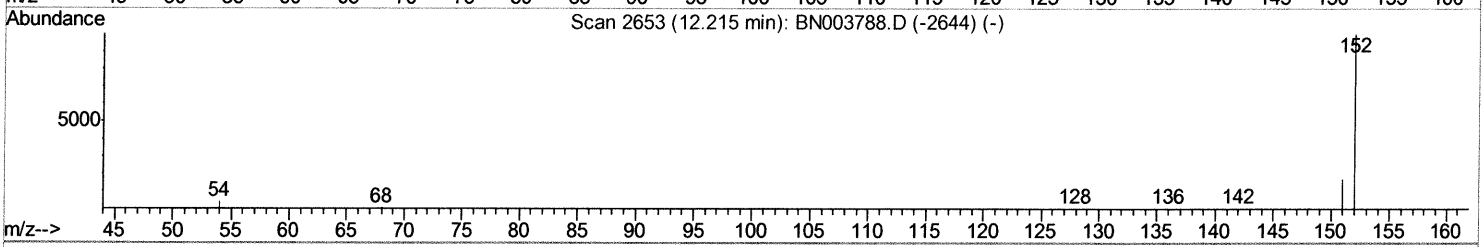
Quant Time: Dec 11 04:27:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 11 04:22:54 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9Y31DL

Manual Integrations APPROVED
Sohil
12/11/2018 6:12:29 PM







TIC: BN003796.D

(4) 2-Methylnaphthalene-d10 (SURR)

12.215min (-0.000) 0.09ng/ul

response 3478

Ion	Exp%	Act%
152.00	100	100
151.00	19.50	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121018\

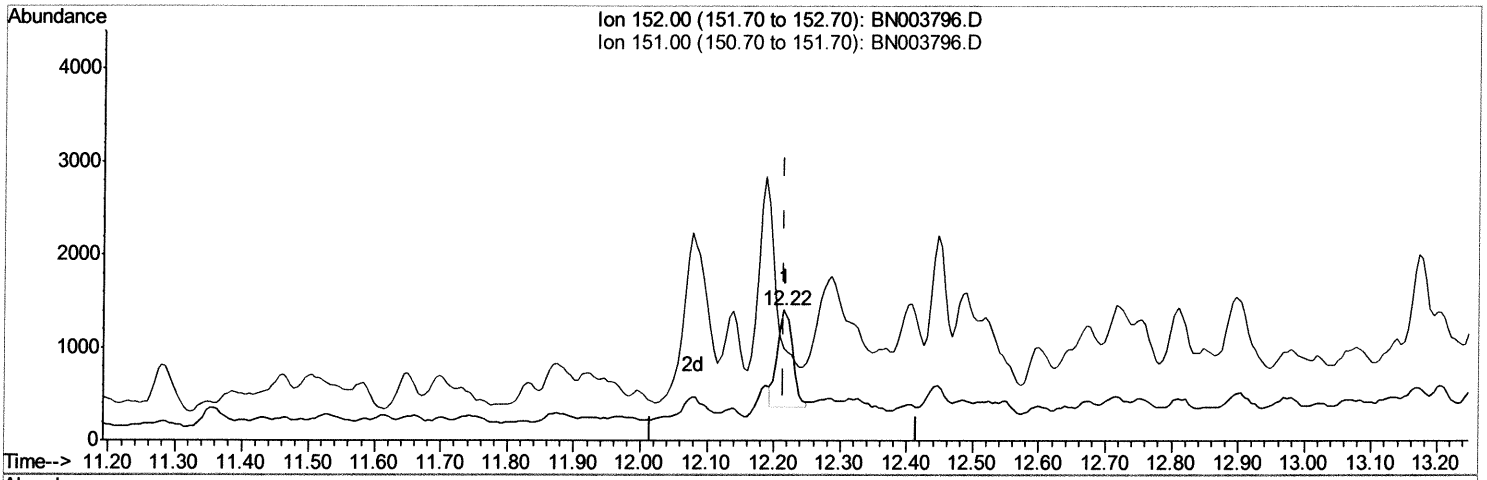
Quantitation Report (Qedit)

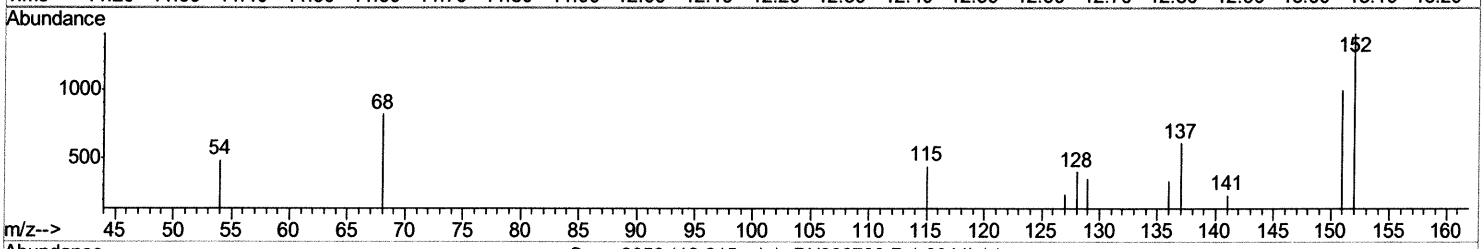
Data File : BN003796.D
Acq On : 11 Dec 2018 01:54
Operator : JU/SJ
Sample : J6077-15DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

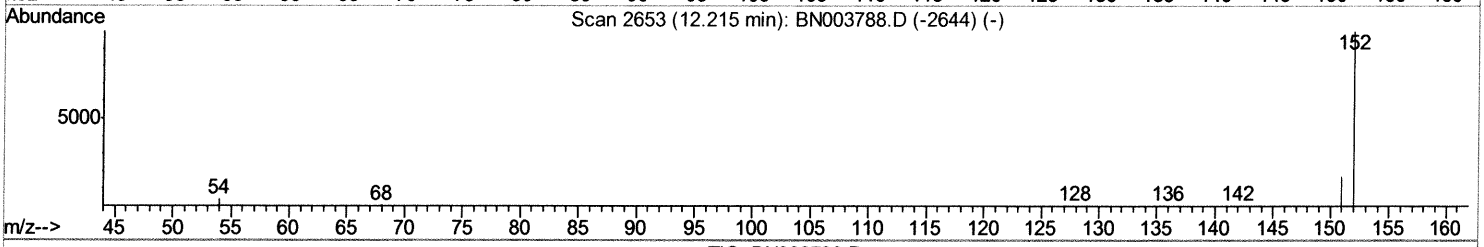
Quant Time: Dec 11 04:27:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 11 04:22:54 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9Y31DL

Manual Integrations APPROVED
Sohil
12/11/2018 6:12:29 PM







TIC: BN003796.D

(4) 2-Methylnaphthalene-d10 (SURR)

12.215min (-0.000) 0.04ng/ul m SJ 12/12/18

response 1621

Ion	Exp%	Act%
152.00	100	100
151.00	19.50	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121018\

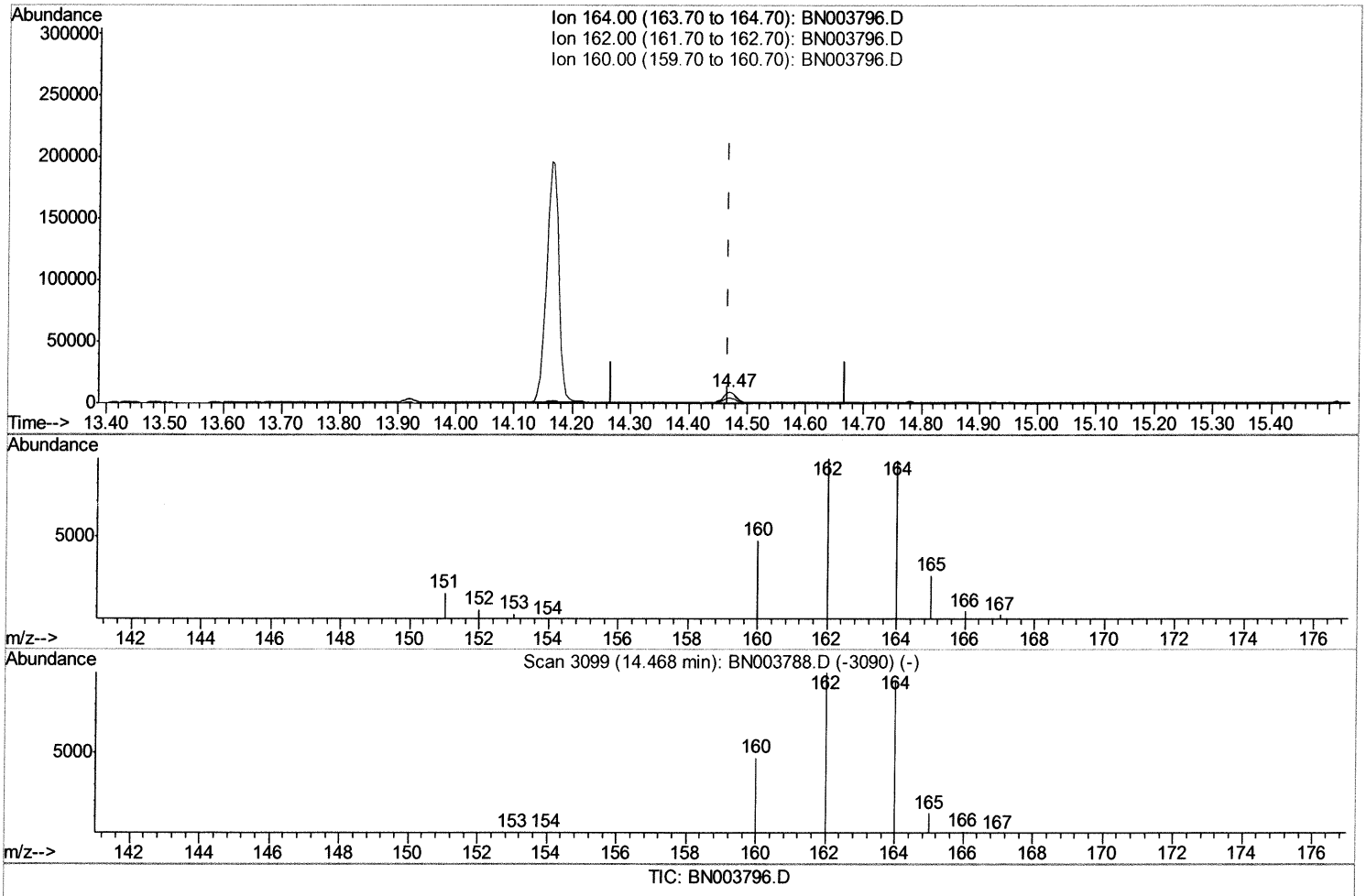
Quantitation Report (Qedit)

Data File : BN003796.D
Acq On : 11 Dec 2018 01:54
Operator : JU/SJ
Sample : J6077-15DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 11 04:27:27 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 : Tue Dec 11 04:22:54 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9Y31DL

Manual Integrations APPROVED
Sohil
12/11/2018 6:12:29 PM



TIC: BN003796.D

(6) Acenaphthene-d10 (I)

14.472min (+0.004) 0.40ng/ul

response 13474

Ion	Exp%	Act%
164.00	100	100
162.00	106.70	101.50
160.00	48.90	51.44
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121018\

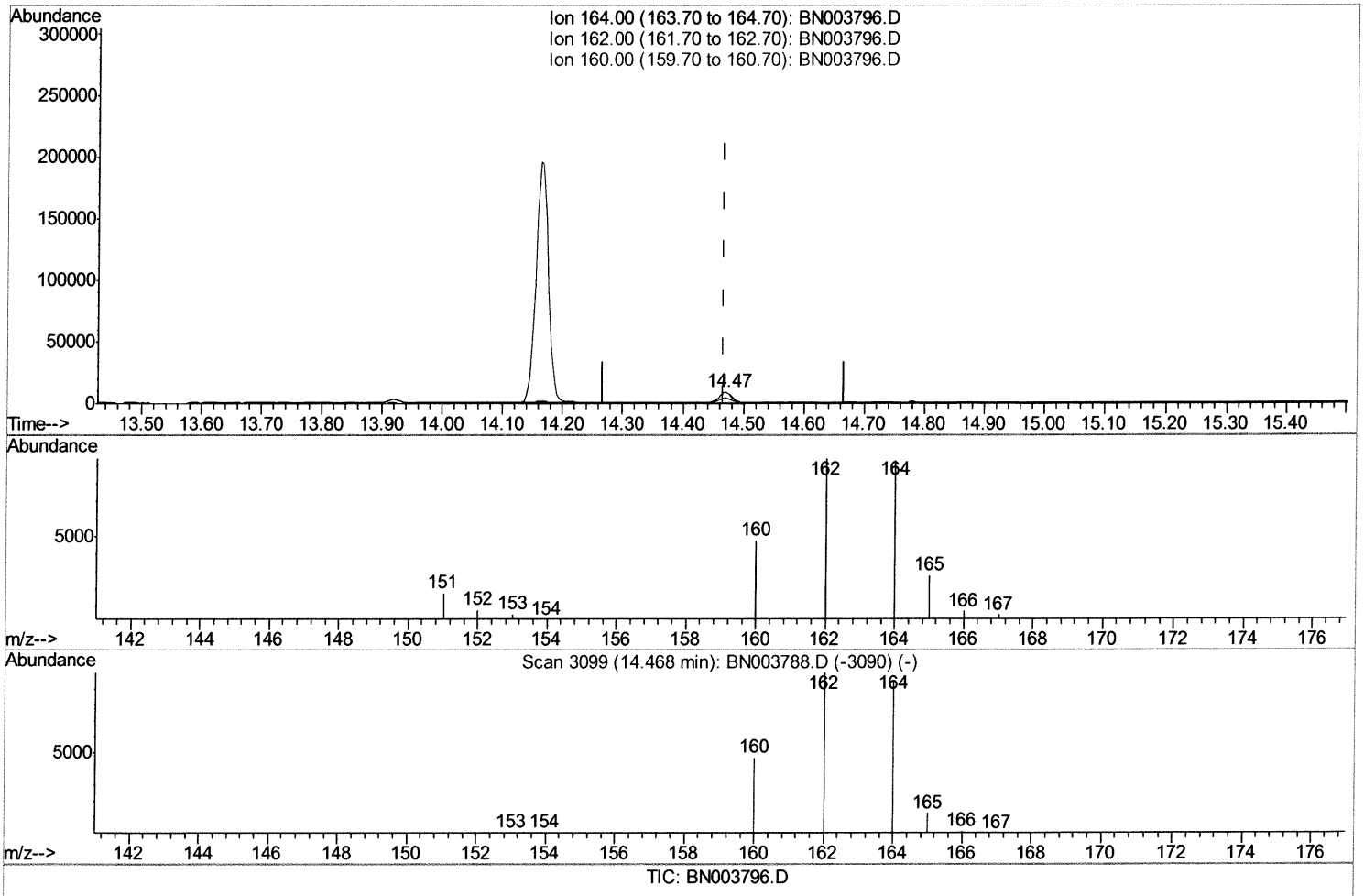
Quantitation Report (Qedit)

Data File : BN003796.D
Acq On : 11 Dec 2018 01:54
Operator : JU/SJ
Sample : J6077-15DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 11 04:27:27 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 : Tue Dec 11 04:22:54 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9Y31DL

Manual Integrations APPROVED
Sohil
12/11/2018 6:12:29 PM



TIC: BN003796.D

(6) Acenaphthene-d10 (I)

14.472min (+0.004) 0.40ng/ul m SJ 12/12/18

response 12375

Ion	Exp%	Act%
164.00	100	100
162.00	106.70	101.50
160.00	48.90	51.44
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121018\

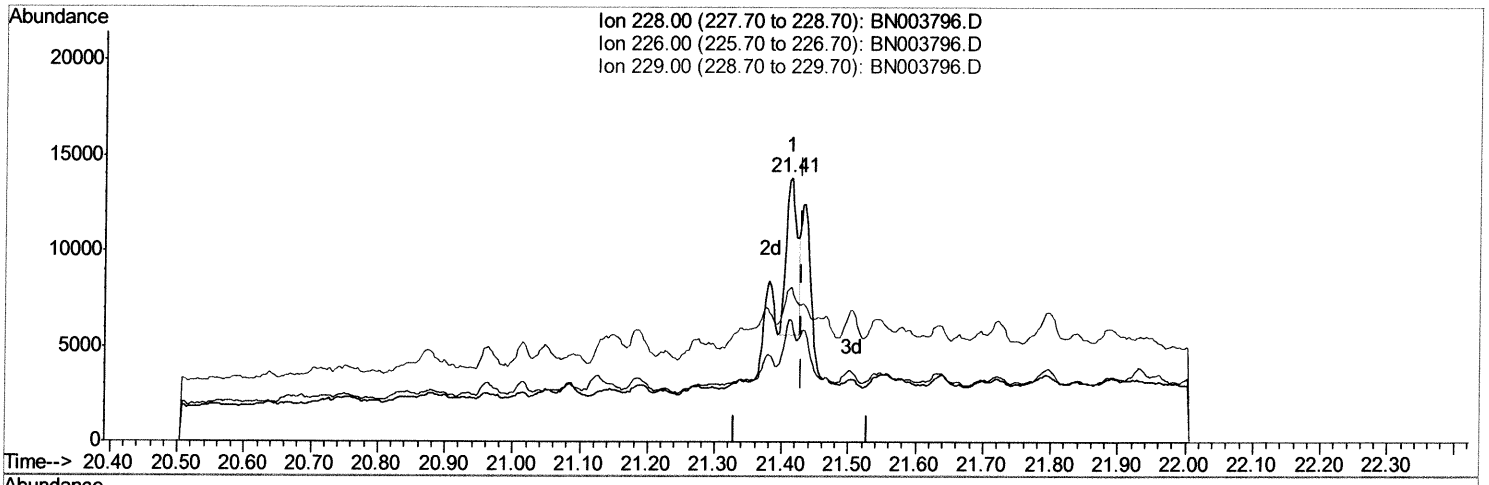
Quantitation Report (Qedit)

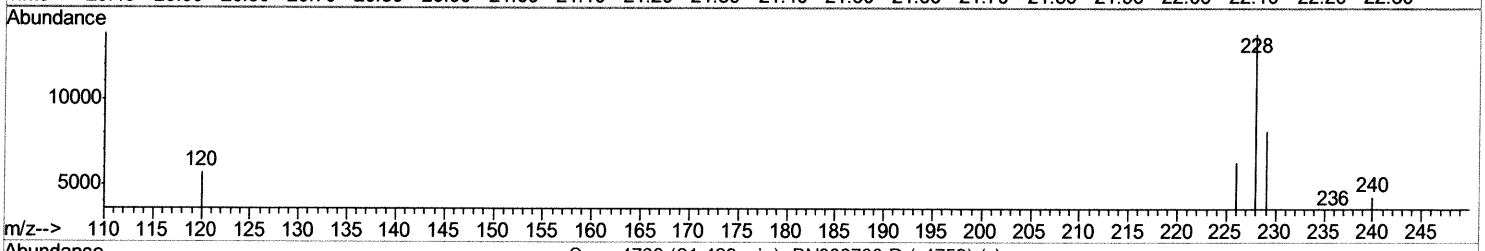
Data File : BN003796.D
Acq On : 11 Dec 2018 01:54
Operator : JU/SJ
Sample : J6077-15DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

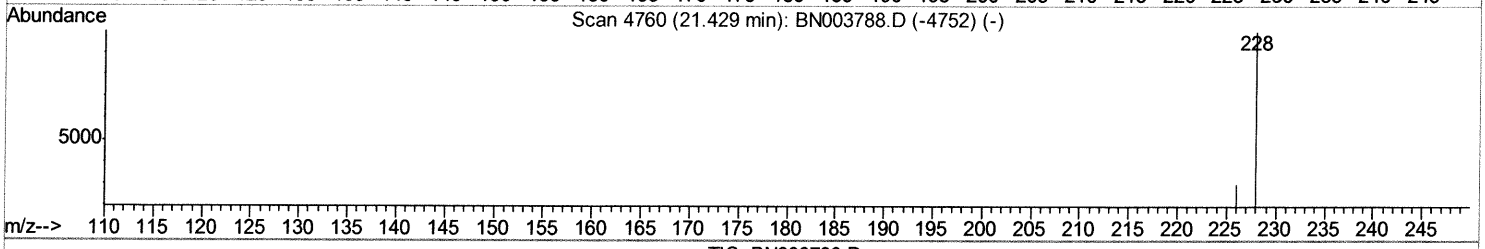
Quant Time: Dec 11 05:40:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 11 04:22:54 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9Y31DL

Manual Integrations APPROVED
Sohil
12/11/2018 6:12:29 PM







TIC: BN003796.D

(19) Chrysene

21.413min (-0.016) 0.17ng/ul

response 9524

Ion	Exp%	Act%
228.00	100	100
226.00	30.00	45.93#
229.00	19.60	58.74#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121018\

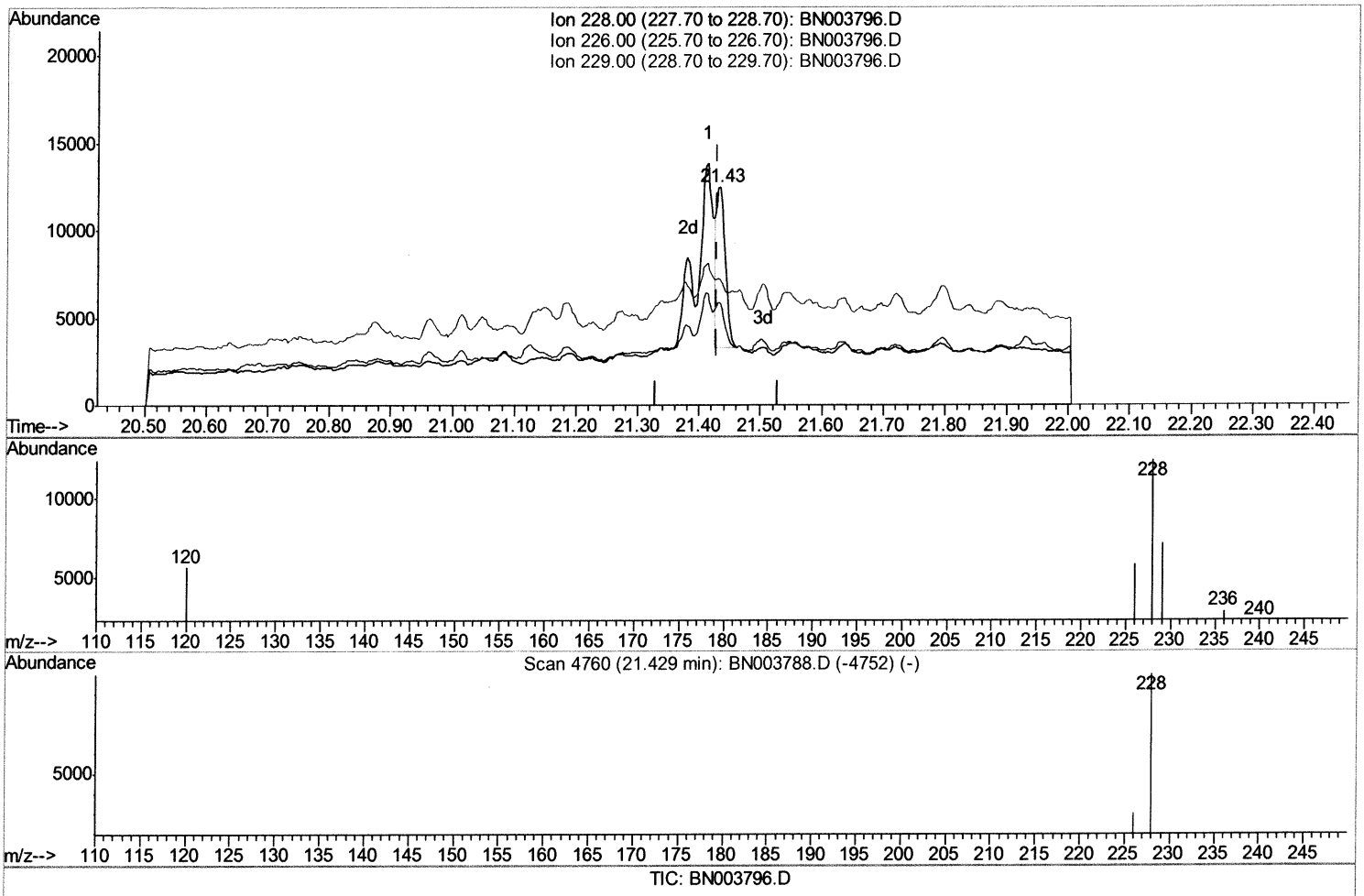
Quantitation Report (Qedit)

Data File : BN003796.D
Acq On : 11 Dec 2018 01:54
Operator : JU/SJ
Sample : J6077-15DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 11 05:40:20 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 : Tue Dec 11 04:22:54 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9Y31DL

Manual Integrations APPROVED
Sohil
12/11/2018 6:12:29 PM



TIC: BN003796.D

(19) Chrysene

21.433min (+0.004) 0.16ng/ul m> SD 12/12/18

response 9188

Ion	Exp%	Act%
228.00	100	100
226.00	30.00	46.77#
229.00	19.60	57.51#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121018\

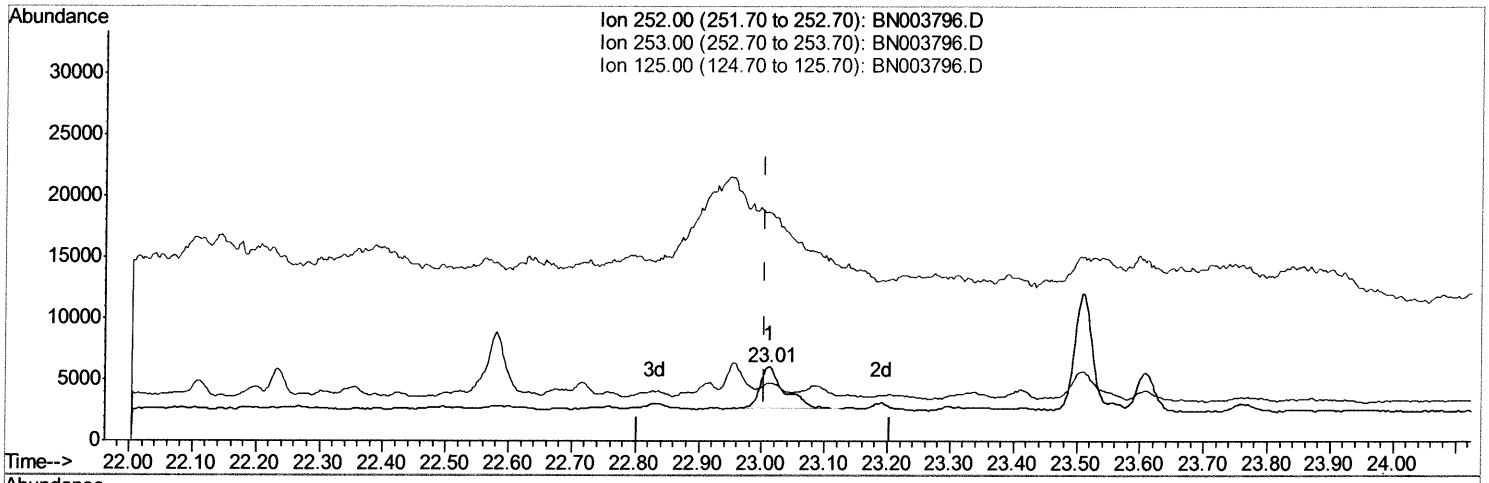
Quantitation Report (Qedit)

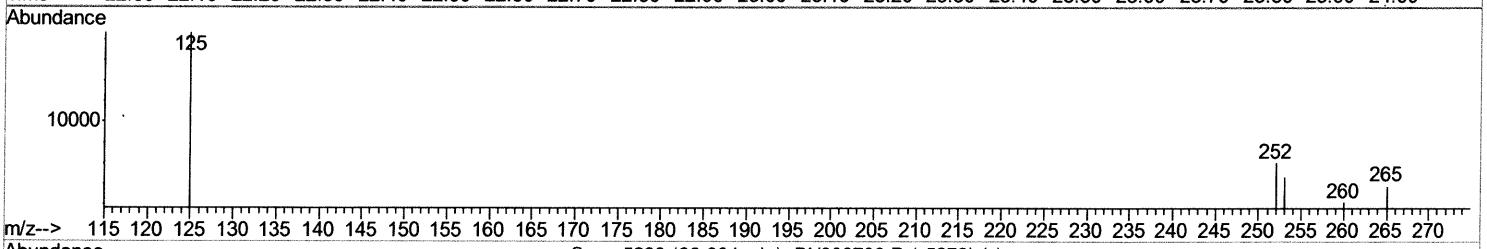
Data File : BN003796.D
Acq On : 11 Dec 2018 01:54
Operator : JU/SJ
Sample : J6077-15DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

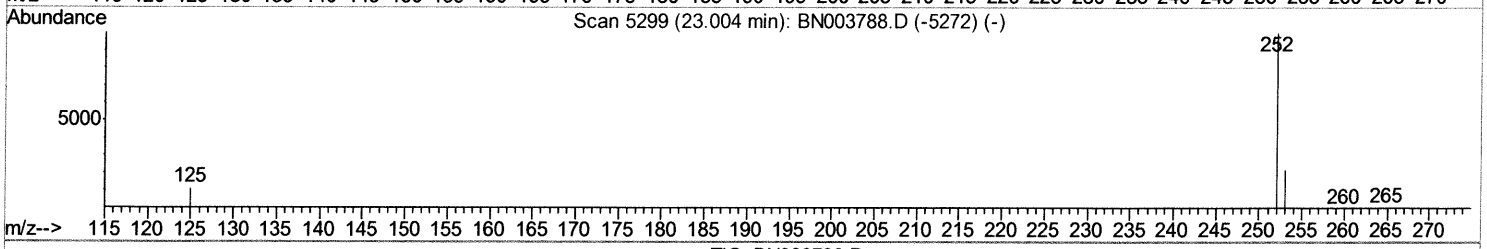
Quant Time: Dec 11 05:40:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 11 04:22:54 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9Y31DL

Manual Integrations APPROVED
Sohil
12/11/2018 6:12:29 PM







TIC: BN003796.D

(21) Benzo(b)fluoranthene

23.012min (+0.007) 0.13ng/ul

response 9396

Ion	Exp%	Act%
252.00	100	100
253.00	23.00	77.53#
125.00	11.20	307.60#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121018\

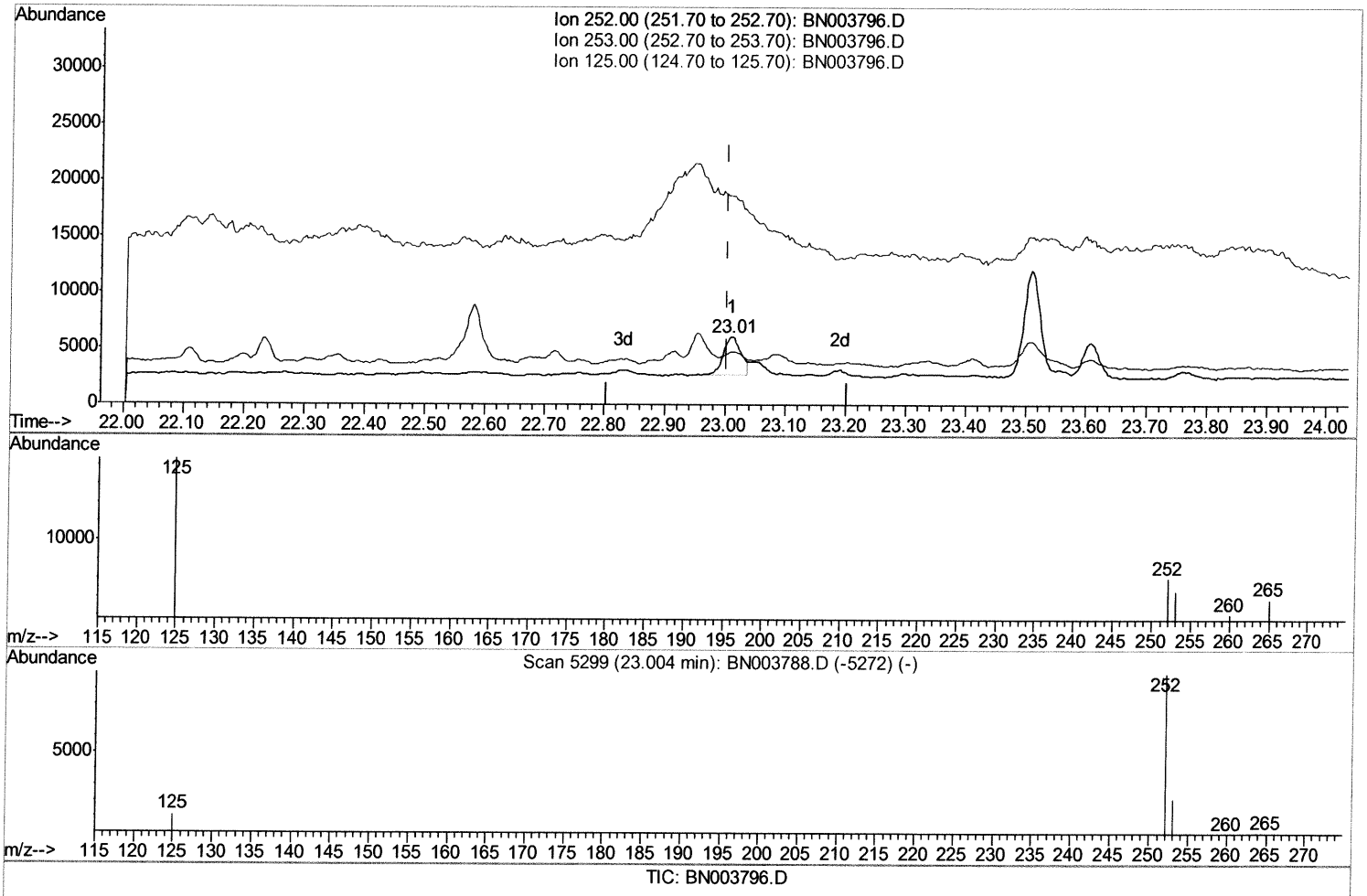
Quantitation Report (Qedit)

Data File : BN003796.D
Acq On : 11 Dec 2018 01:54
Operator : JU/SJ
Sample : J6077-15DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 11 05:40:20 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 : Tue Dec 11 04:22:54 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9Y31DL

Manual Integrations APPROVED
Sohil
12/11/2018 6:12:29 PM



TIC: BN003796.D

(21) Benzo(b)fluoranthene

23.012min (+0.007) 0.10ng/ul m) SJ 12/12/18

response 7068

Ion	Exp%	Act%
252.00	100	100
253.00	23.00	77.53#
125.00	11.20	307.60#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121018\

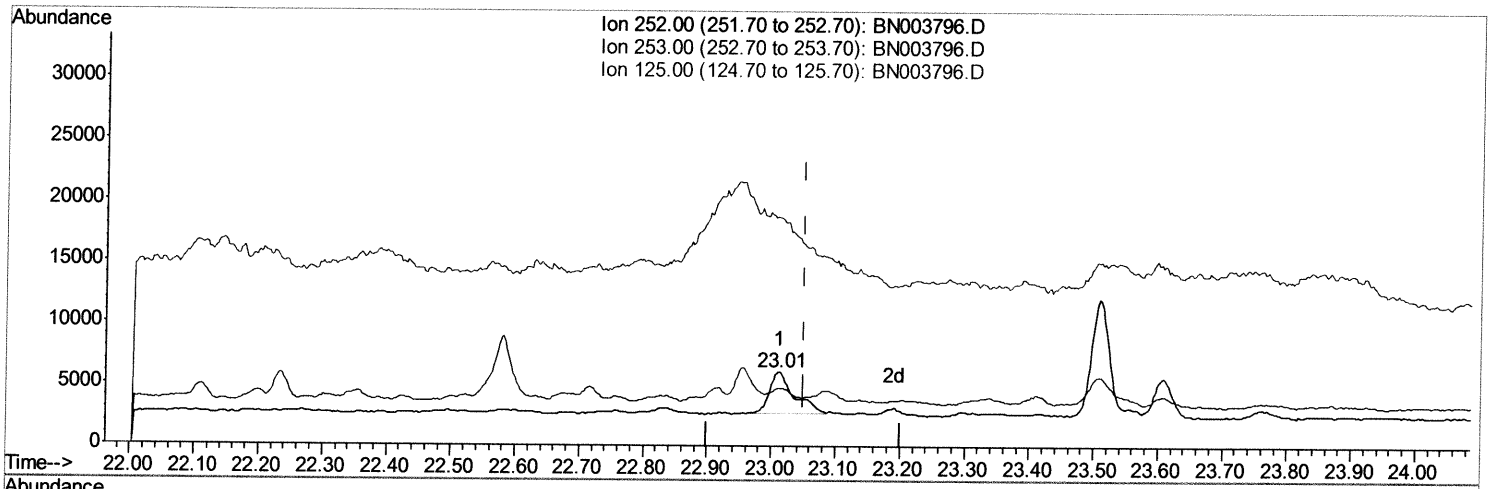
Quantitation Report (Qedit)

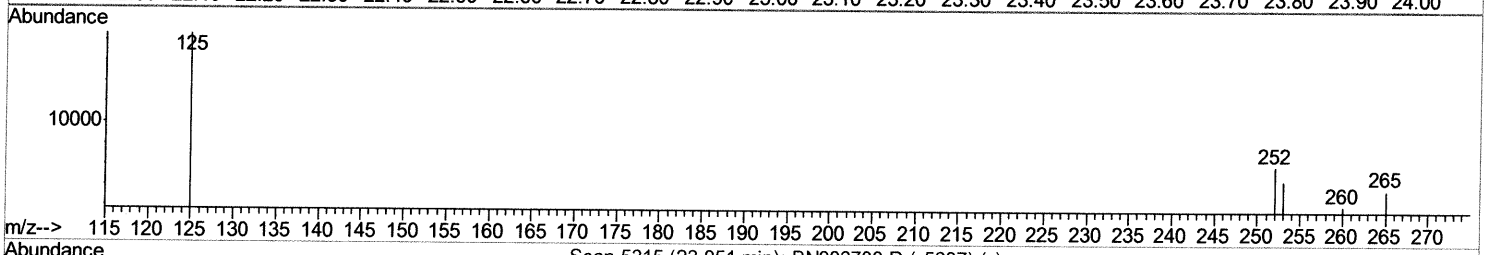
Data File : BN003796.D
Acq On : 11 Dec 2018 01:54
Operator : JU/SJ
Sample : J6077-15DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

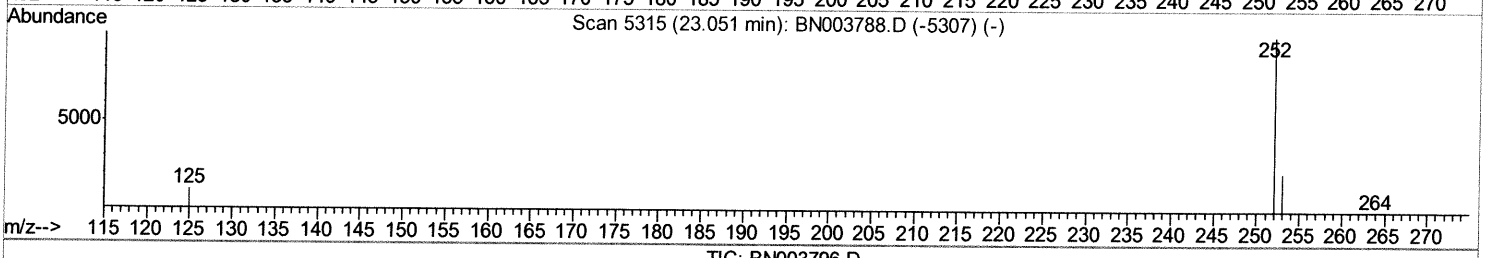
Quant Time: Dec 11 05:40:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 11 04:22:54 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9Y31DL

Manual Integrations APPROVED
Sohil
12/11/2018 6:12:29 PM







TIC: BN003796.D

(22) Benzo(k)fluoranthene

23.012min (-0.039) 0.14ng/ul

response 9296

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	77.53#
125.00	11.30	307.60#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121018\

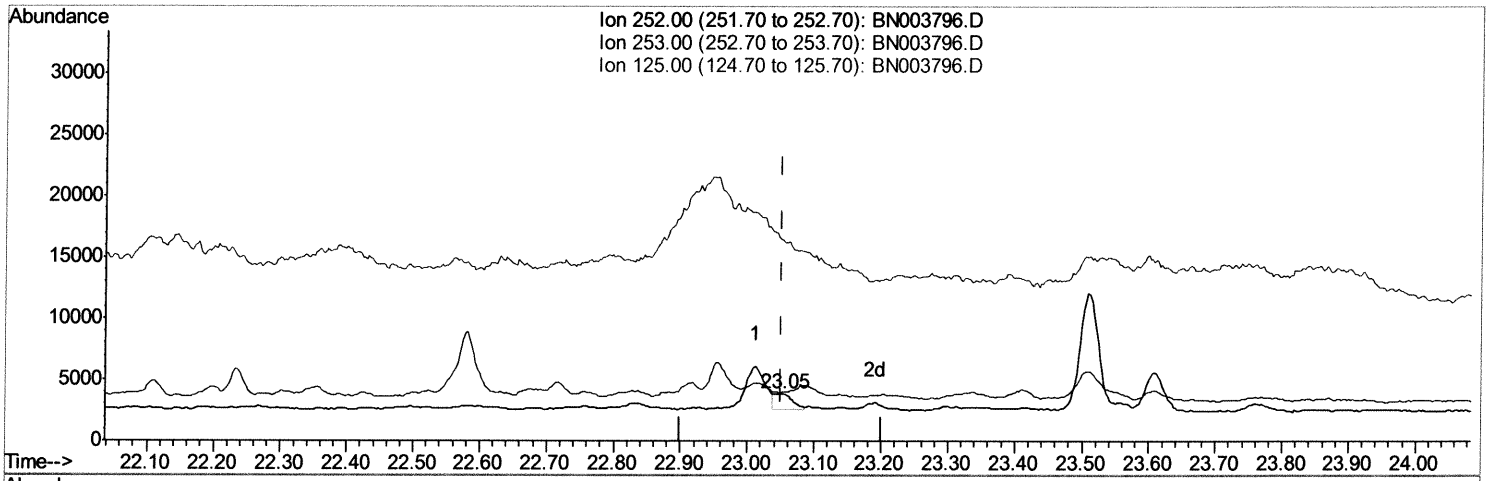
Quantitation Report (Qedit)

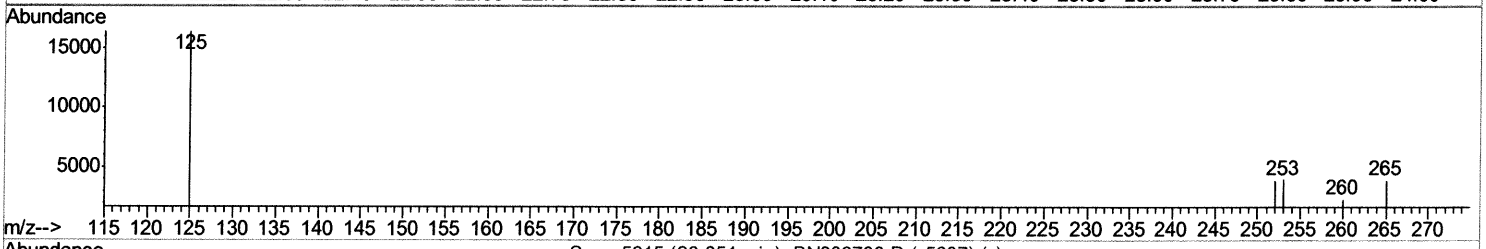
Data File : BN003796.D
Acq On : 11 Dec 2018 01:54
Operator : JU/SJ
Sample : J6077-15DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

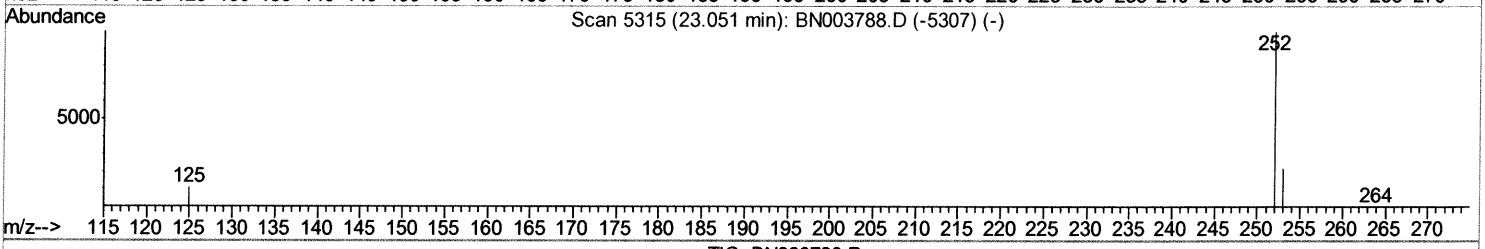
Quant Time: Dec 11 05:40:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 11 04:22:54 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9Y31DL

Manual Integrations APPROVED
Sohil
12/11/2018 6:12:29 PM







TIC: BN003796.D

(22) Benzo(k)fluoranthene

23.053min (+0.002) 0.03ng/ul m SJ 12/12/18

response 2360

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	103.26#
125.00	11.30	424.44#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121018\

Quantitation Report (QT Reviewed)

Data File : BN003796.D
Acq On : 11 Dec 2018 01:54
Operator : JU/SJ
Sample : J6077-15DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 11 05:41:37 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 : Tue Dec 11 04:22:54 2018
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : F9Y31DL

Manual Integrations APPROVED
Sohil
12/11/2018 6:12:29 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	6306	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	24933	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	12375m	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	24353	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	15669	0.40	ng/ul	0.00
20) Perylene-d12	23.71	264	16884	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	1621m	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	2982	0.04	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.68	128	89052	1.272	ng/ul	100
5) 2-Methylnaphthalene	12.29	142	31364	0.641	ng/ul	98
7) Acenaphthylene	14.19	152	3165	0.057	ng/ul#	1
8) Acenaphthene	14.53	153	4619	0.095	ng/ul#	88
9) Fluorene	15.52	166	4060	0.071	ng/ul#	62
12) Phenanthrene	17.25	178	42839	0.536	ng/ul#	87
13) Anthracene	17.35	178	4501	0.069	ng/ul#	38
15) Fluoranthene	19.27	202	10620	0.113	ng/ul	85
17) Pyrene	19.63	202	32074	0.571	ng/ul#	93
18) Benzo(a)anthracene	21.38	228	7001	0.141	ng/ul#	12
19) Chrysene	21.43	228	9188m	0.162	ng/ul	
21) Benzo(b)fluoranthene	23.01	252	7068m	0.101	ng/ul	
22) Benzo(k)fluoranthene	23.05	252	2360m	0.035	ng/ul	
23) Benzo(a)pyrene	23.61	252	6268	0.104	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.06	276	4548	0.066	ng/ul#	79
25) Dibenzo(a,h)anthracene	26.06	278	2013	0.036	ng/ul#	1
26) Benzo(g,h,i)perylene	26.79	276	12195	0.202	ng/ul#	39

SJ 12/12/18

SJ 12/12/18

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