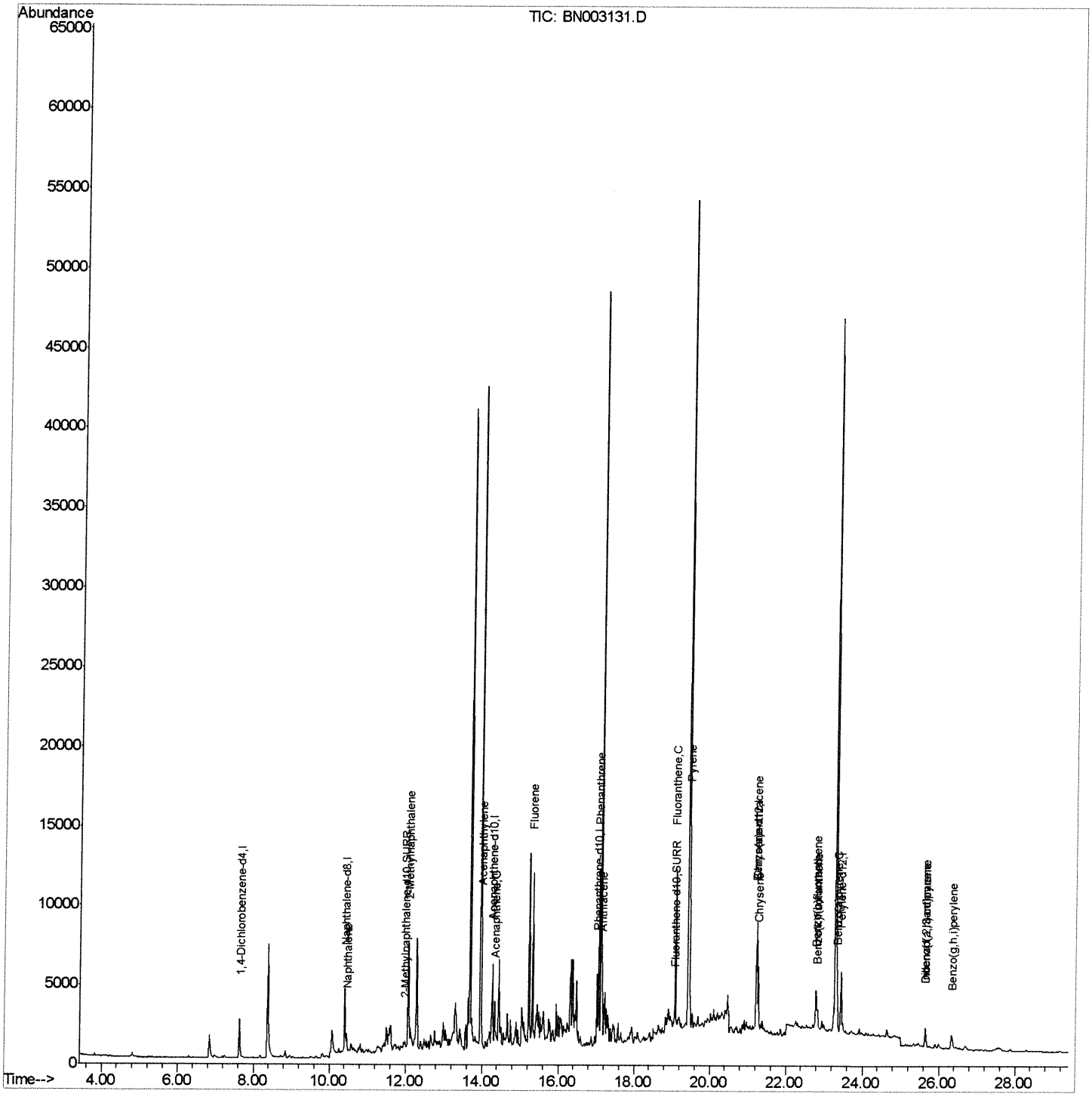
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101218\
Data File : BN003131.D
Acq On : 12 Oct 2018 07:45
Operator : MJ/SJ
Sample : J5234-11DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Oct 12 12:45:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 12 07:27:48 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AK9DL

Manual Integrations APPROVED
Sohil
10/12/2018 6:38:43 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101218\
Data File : BN003131.D
Acq On : 12 Oct 2018 07:45
Operator : MJ/SJ
Sample : J5234-11DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Oct 12 12:40:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 12 07:27:48 2018
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Instrument :
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ClientSampleId :
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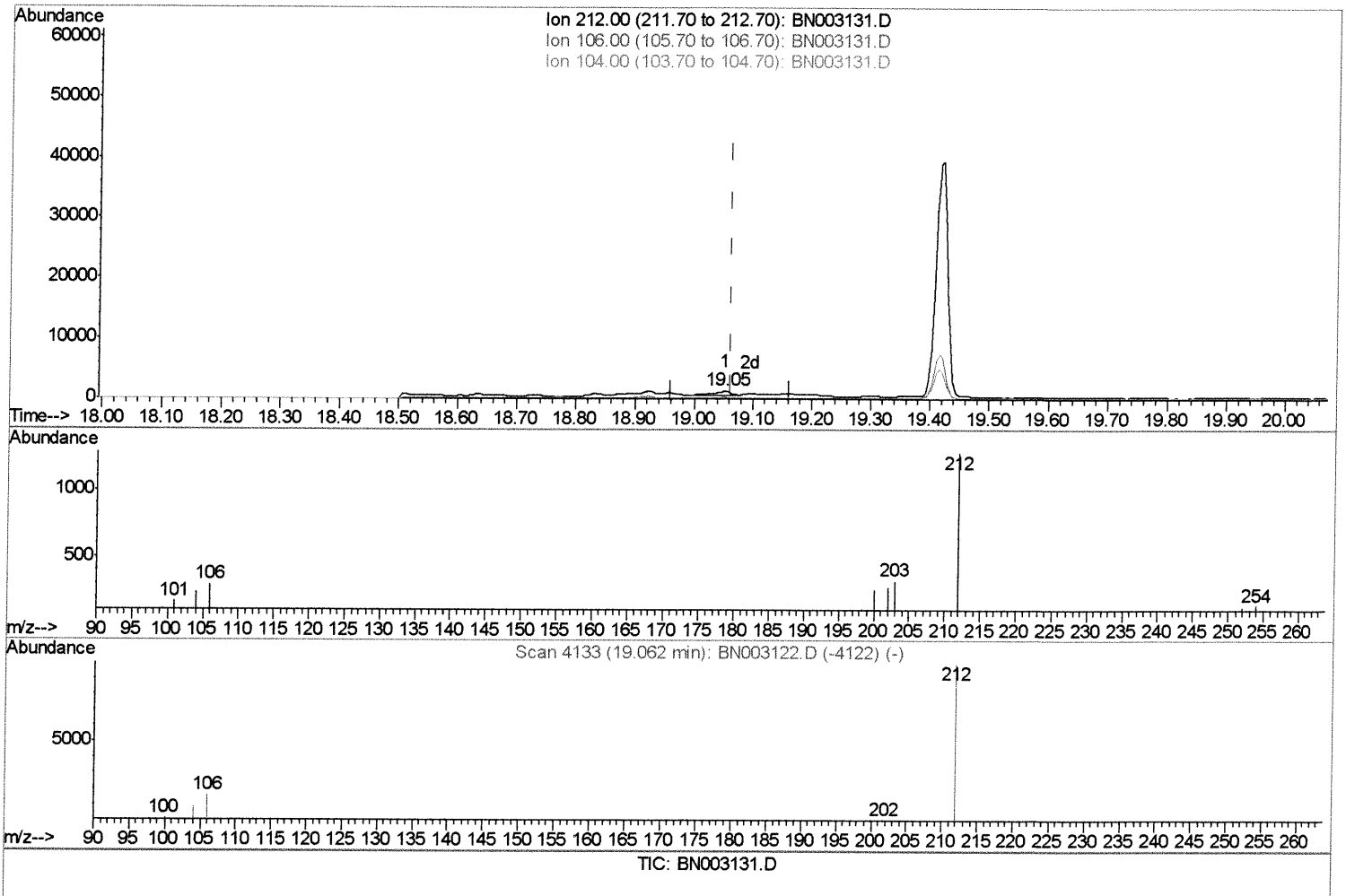
Manual Integrations APPROVED
Sohil
10/12/2018 6:38:43 PM



(14) Fluoranthene-d10 (SURR)

19.053min (-0.009) 0.11ng/ul

response 1514

Ion	Exp%	Act%
212.00	100	100
106.00	15.40	12.48
104.00	8.60	4.82#
0.00	0.00	0.00

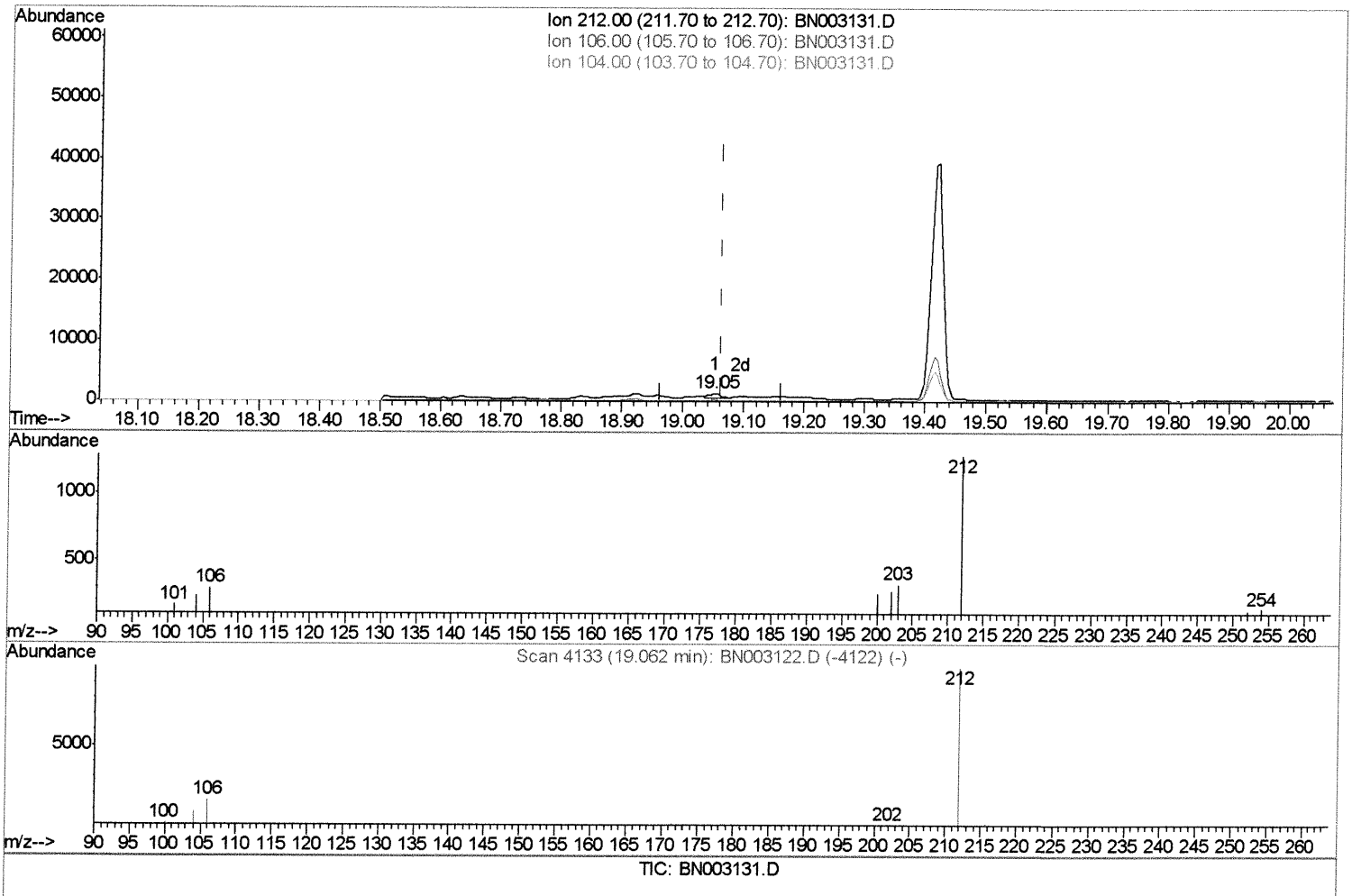
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101218\
Data File : BN003131.D
Acq On : 12 Oct 2018 07:45
Operator : MJ/SJ
Sample : J5234-11DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Oct 12 12:40:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 12 07:27:48 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AK9DL

Manual Integrations APPROVED
Sohil
10/12/2018 6:38:43 PM



TIC: BN003131.D

(14) Fluoranthene-d10 (SURR)

19.053min (-0.009) 0.07ng/ul m SJ 10/12/18

response 1009

Ion	Exp%	Act%
212.00	100	100
106.00	15.40	18.73#
104.00	8.60	7.23
0.00	0.00	0.00

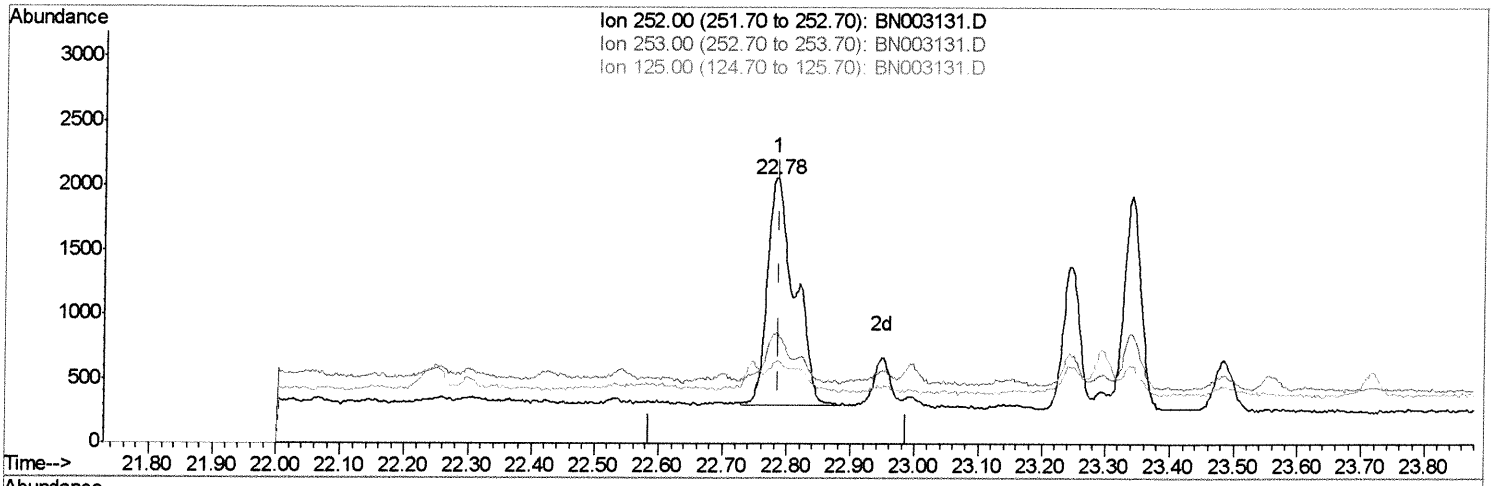
Quantitation Report (Qedit)

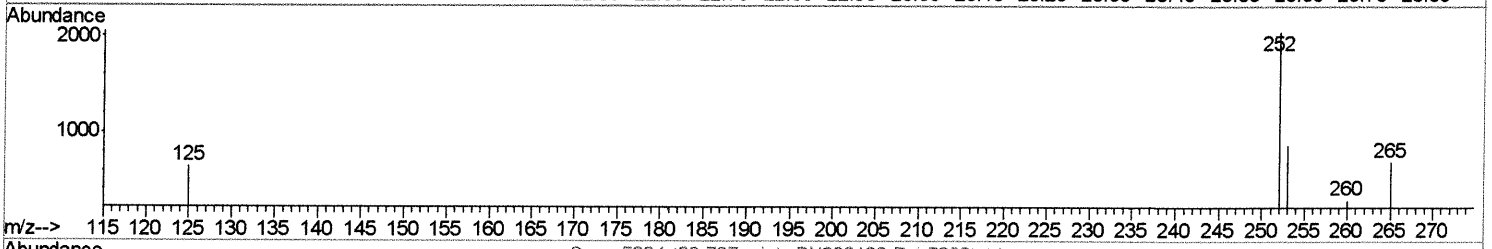
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101218\
Data File : BN003131.D
Acq On : 12 Oct 2018 07:45
Operator : MJ/SJ
Sample : J5234-11DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

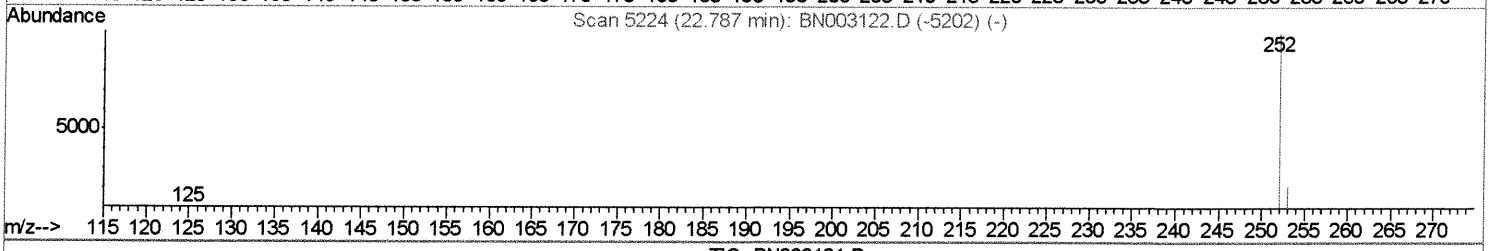
Quant Time: Oct 12 12:40:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 12 07:27:48 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AK9DL

Manual Integrations APPROVED
Sohil
10/12/2018 6:38:43 PM







TIC: BN003131.D

(21) Benzo(b)fluoranthene

22.784min (-0.003) 0.29ng/ul

response 5250

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	42.70
125.00	17.10	31.18
0.00	0.00	0.00

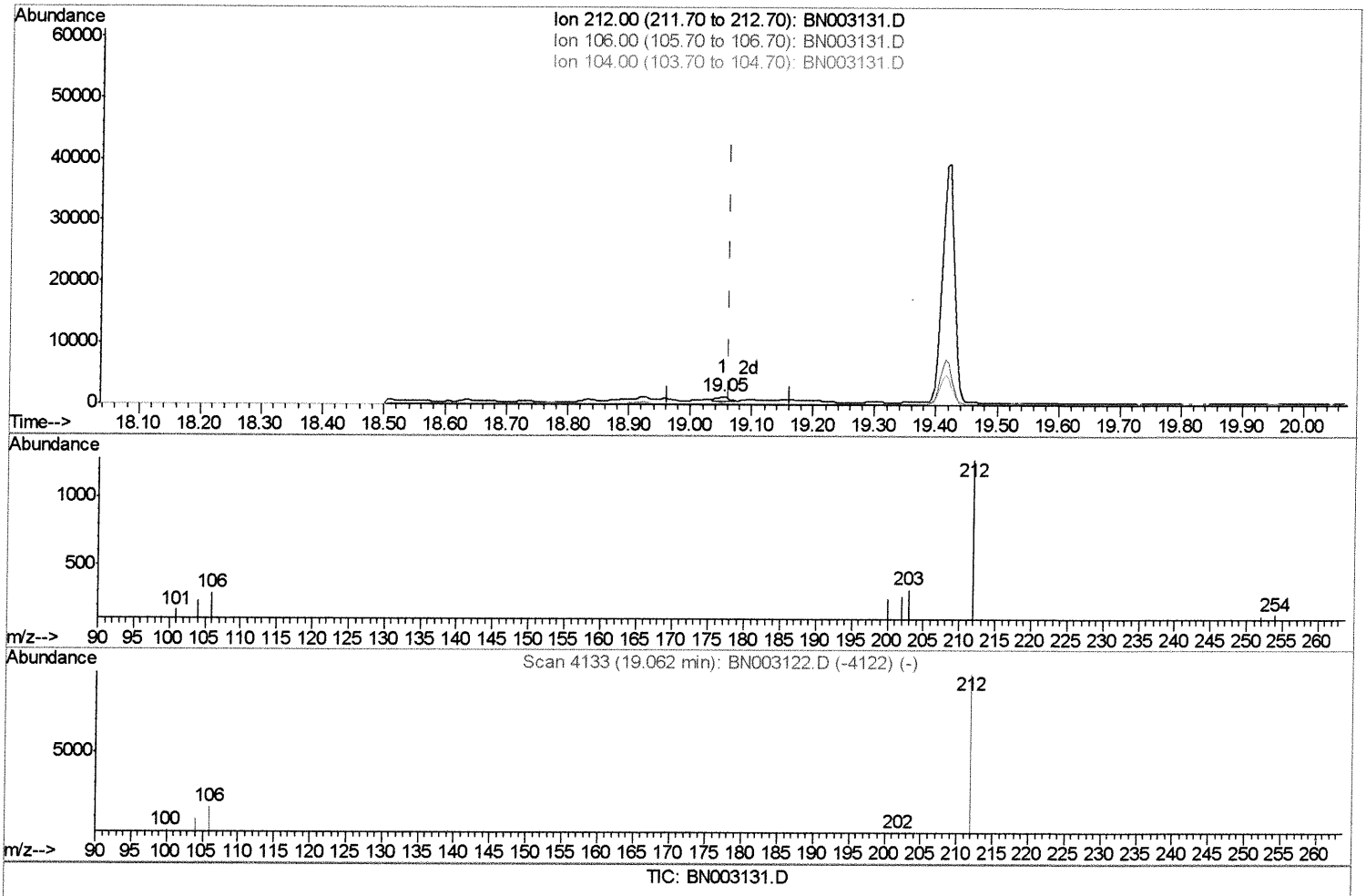
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101218\
Data File : BN003131.D
Acq On : 12 Oct 2018 07:45
Operator : MJ/SJ
Sample : J5234-11DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Oct 12 12:40:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 12 07:27:48 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AK9DL

Manual Integrations APPROVED
Sohil
10/12/2018 6:38:43 PM



TIC: BN003131.D

(14) Fluoranthene-d10 (SURR)

19.053min (-0.009) 0.07ng/ul m) SJ 10/12/18

response 984

Ion	Exp%	Act%
212.00	100	100
106.00	15.40	19.21#
104.00	8.60	7.42
0.00	0.00	0.00

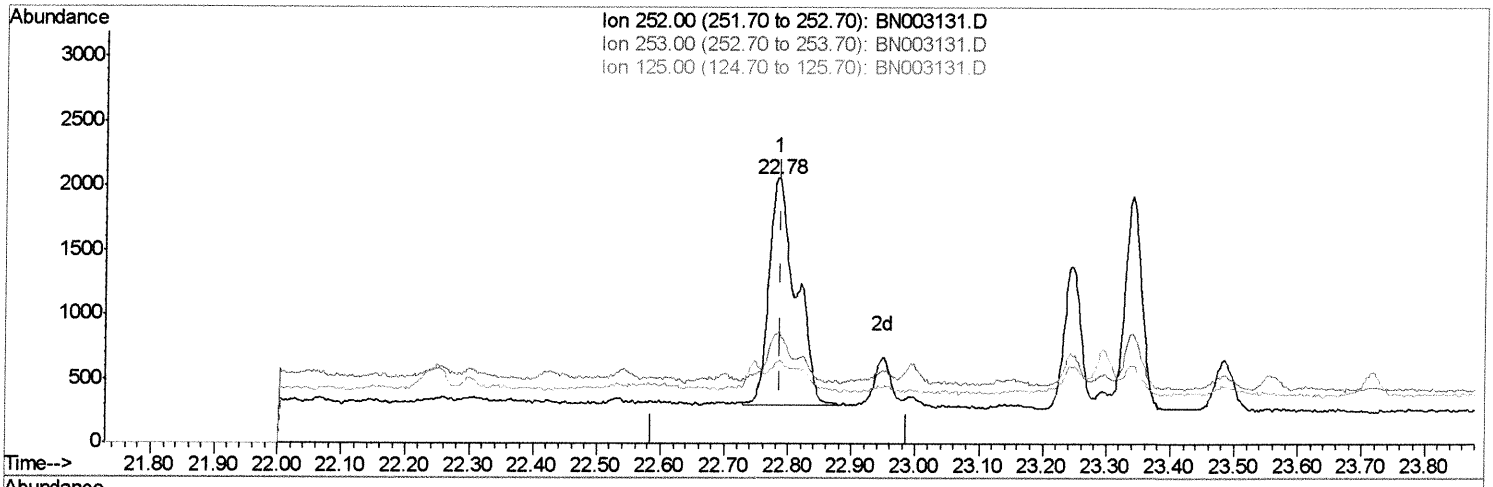
Quantitation Report (Qedit)

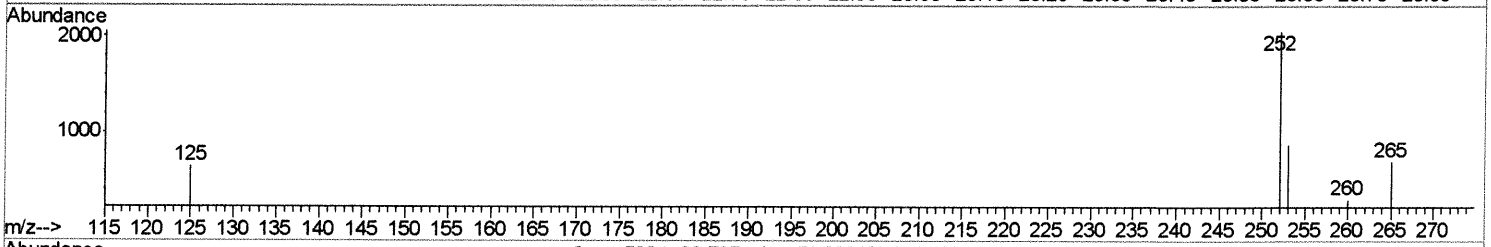
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101218\
Data File : BN003131.D
Acq On : 12 Oct 2018 07:45
Operator : MJ/SJ
Sample : J5234-11DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

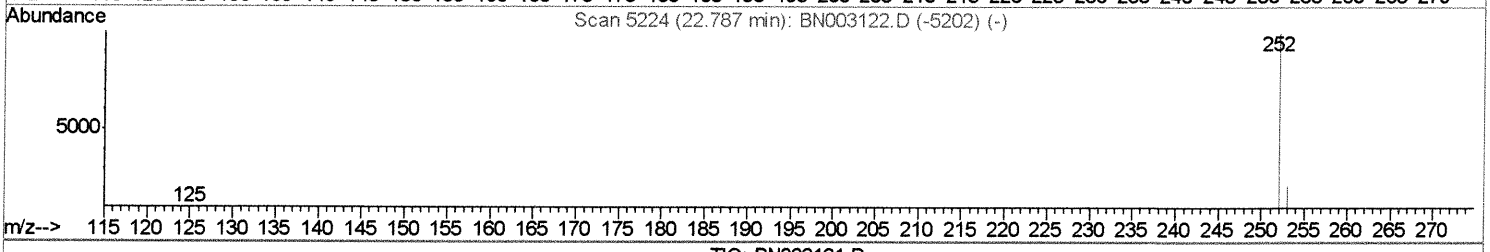
Quant Time: Oct 12 12:40:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 12 07:27:48 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AK9DL

Manual Integrations APPROVED
Sohil
10/12/2018 6:38:43 PM







TIC: BN003131.D

(21) Benzo(b)fluoranthene

22.784min (-0.003) 0.29ng/ul

response 5250

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	42.70
125.00	17.10	31.18
0.00	0.00	0.00

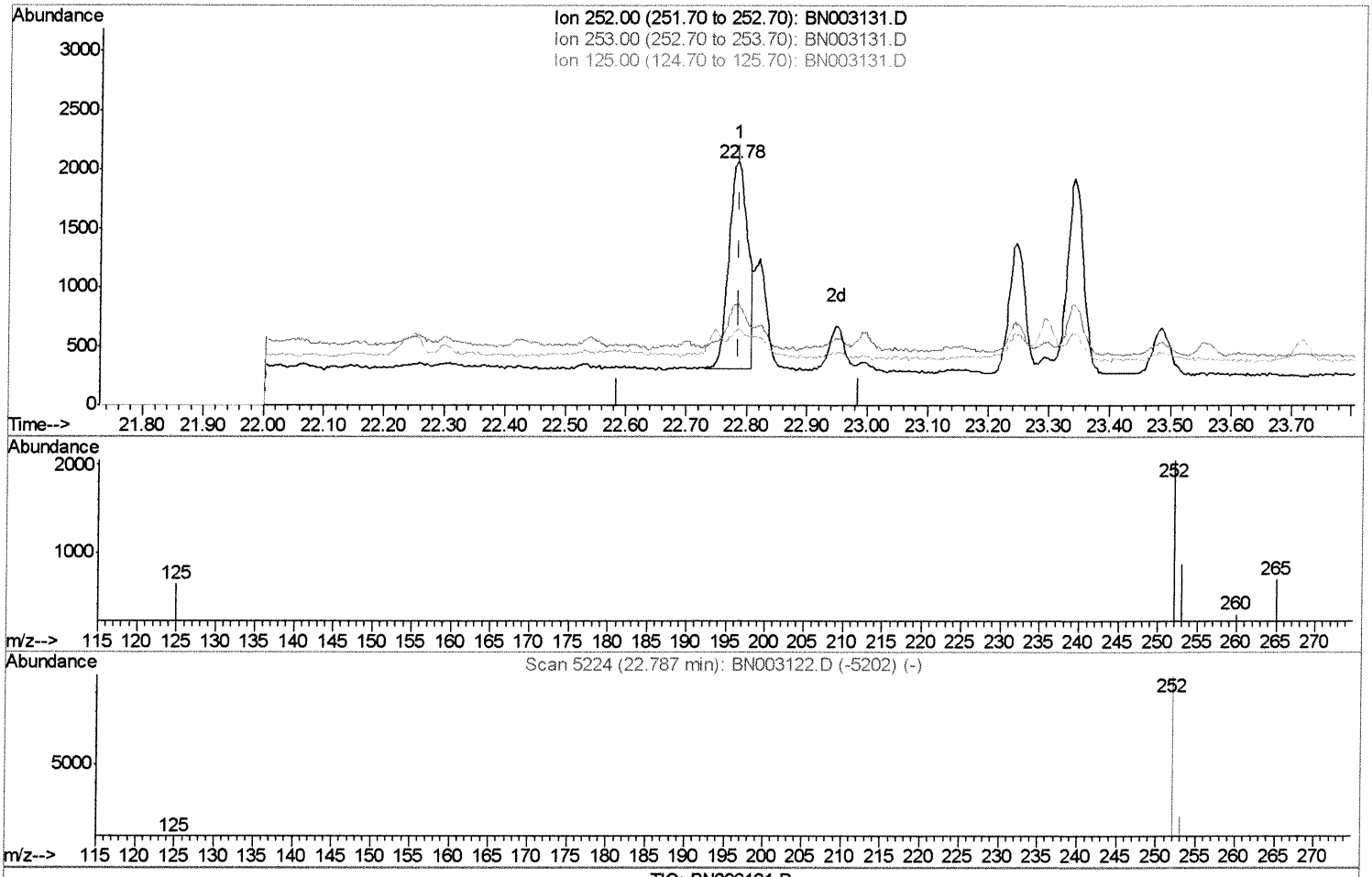
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101218\
Data File : BN003131.D
Acq On : 12 Oct 2018 07:45
Operator : MJ/SJ
Sample : J5234-11DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Oct 12 12:40:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 12 07:27:48 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AK9DL

Manual Integrations APPROVED
Sohil
10/12/2018 6:38:43 PM



TIC: BN003131.D

(21) Benzo(b)fluoranthene

22.784min (-0.003) 0.21ng/ul m SJ 10/12/18

response 3837

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	42.70
125.00	17.10	31.18
0.00	0.00	0.00

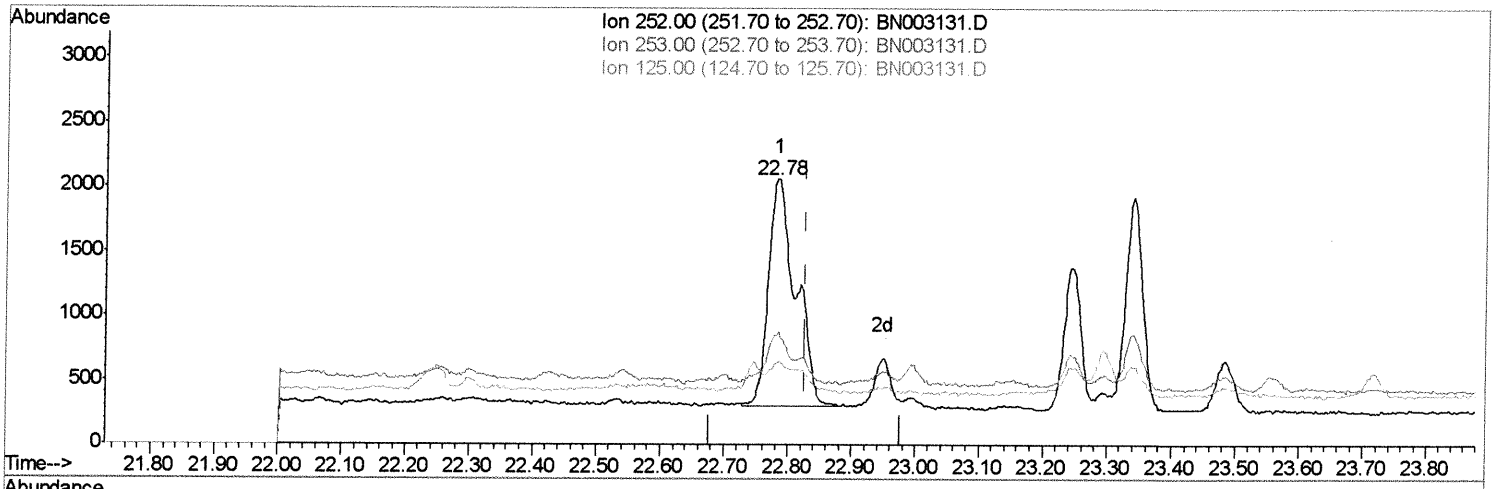
Quantitation Report (Qedit)

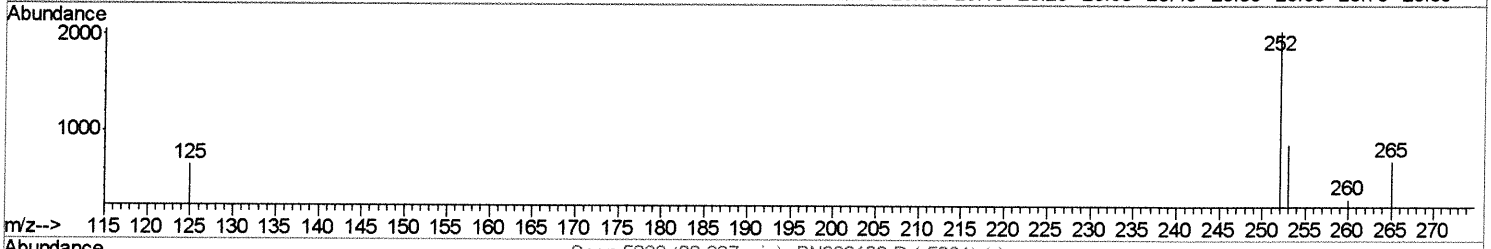
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101218\
Data File : BN003131.D
Acq On : 12 Oct 2018 07:45
Operator : MJ/SJ
Sample : J5234-11DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

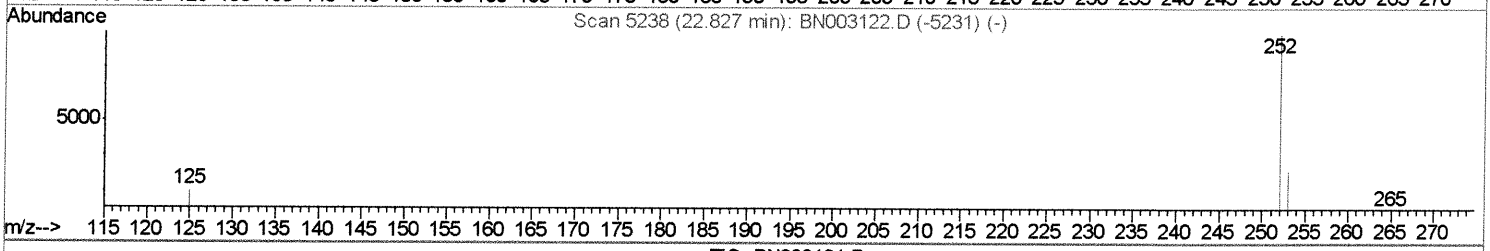
Quant Time: Oct 12 12:40:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 12 07:27:48 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AK9DL

Manual Integrations APPROVED
Sohil
10/12/2018 6:38:43 PM







TIC: BN003131.D

(22) Benzo(k)fluoranthene

22.784min (-0.044) 0.28ng/ul

response 5250

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	42.70#
125.00	17.60	31.18#
0.00	0.00	0.00

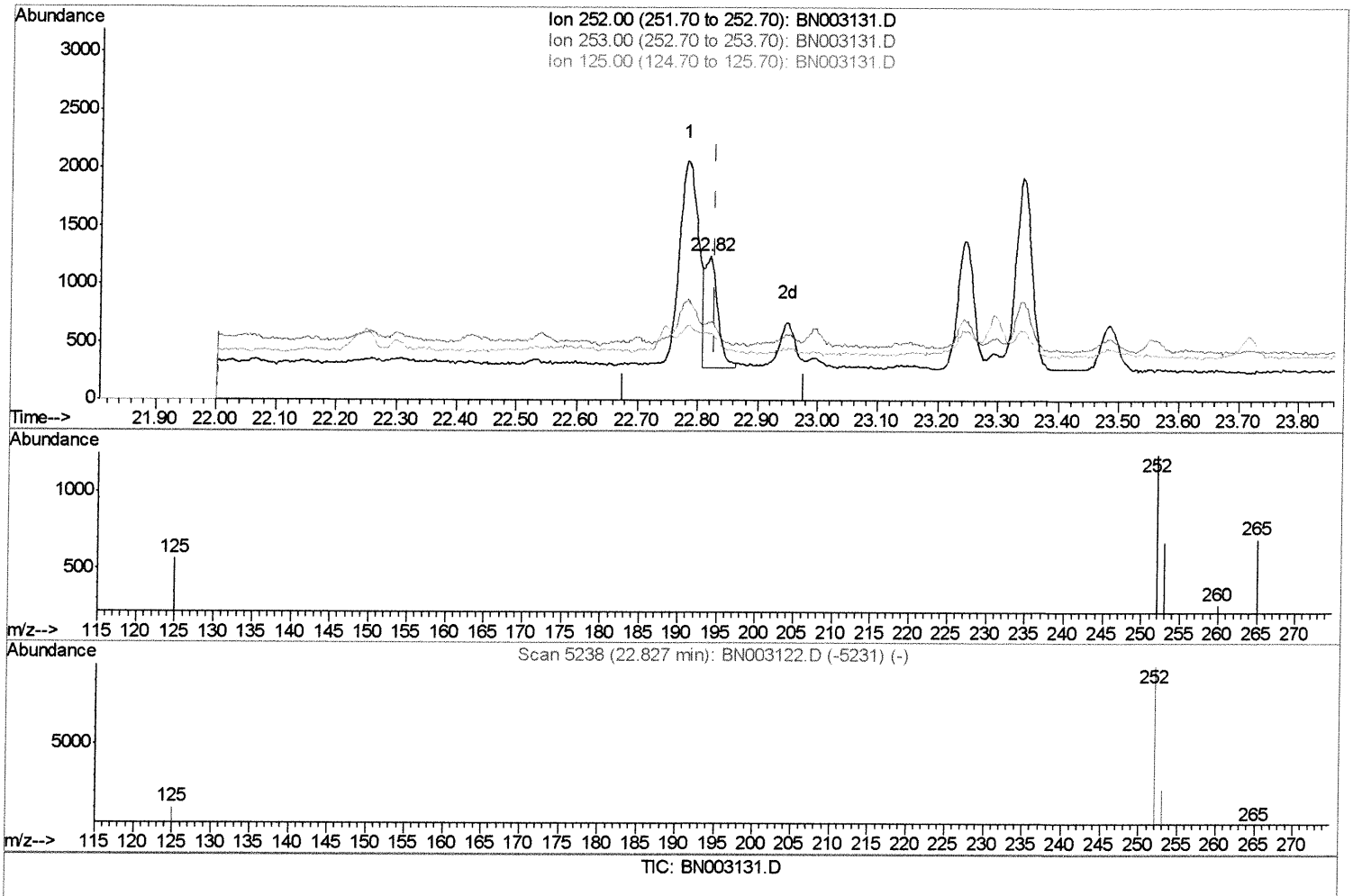
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101218\
Data File : BN003131.D
Acq On : 12 Oct 2018 07:45
Operator : MJ/SJ
Sample : J5234-11DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Oct 12 12:40:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 12 07:27:48 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AK9DL

Manual Integrations APPROVED
Sohil
10/12/2018 6:38:43 PM



TIC: BN003131.D

(22) Benzo(k)fluoranthene

22.819min (-0.009) 0.08ng/ul m) SJ 10/12/18

response 1411

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	54.13#
125.00	17.60	45.47#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101218\
Data File : BN003131.D
Acq On : 12 Oct 2018 07:45
Operator : MJ/SJ
Sample : J5234-11DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Oct 12 12:45:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 12 07:27:48 2018
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : C0AK9DL

Manual Integrations APPROVED
Sohil
10/12/2018 6:38:43 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1576	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.39	136	5889	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	2905	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	4974	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	4648	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	5024	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	458	0.05	ng/ul	-0.02
14) Fluoranthene-d10	19.05	212	984m	0.07	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.44	128	1818	0.120	ng/ul#	87
5) 2-Methylnaphthalene	12.07	142	5760	0.554	ng/ul	98
7) Acenaphthylene	13.98	152	928	0.070	ng/ul#	43
8) Acenaphthene	14.32	153	1445	0.143	ng/ul	96
9) Fluorene	15.32	166	6470	0.560	ng/ul#	98
12) Phenanthrene	17.06	178	11717	0.845	ng/ul#	95
13) Anthracene	17.15	178	3593	0.274	ng/ul#	87
15) Fluoranthene	19.08	202	8665	0.533	ng/ul	94
17) Pyrene	19.45	202	10723	0.594	ng/ul	98
18) Benzo(a)anthracene	21.21	228	3884	0.260	ng/ul#	74
19) Chrysene	21.26	228	3854	0.254	ng/ul#	77
21) Benzo(b)fluoranthene	22.78	252	3837m	0.212	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	1411m	0.075	ng/ul	
23) Benzo(a)pyrene	23.34	252	3083	0.190	ng/ul#	73
24) Indeno(1,2,3-cd)pyrene	25.65	276	1948	0.105	ng/ul	91
25) Dibenzo(a,h)anthracene	25.65	278	468	0.031	ng/ul#	1
26) Benzo(g,h,i)perylene	26.33	276	1819	0.116	ng/ul#	74

SJ 10/12/18

SJ 10/12/18

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