Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121518\

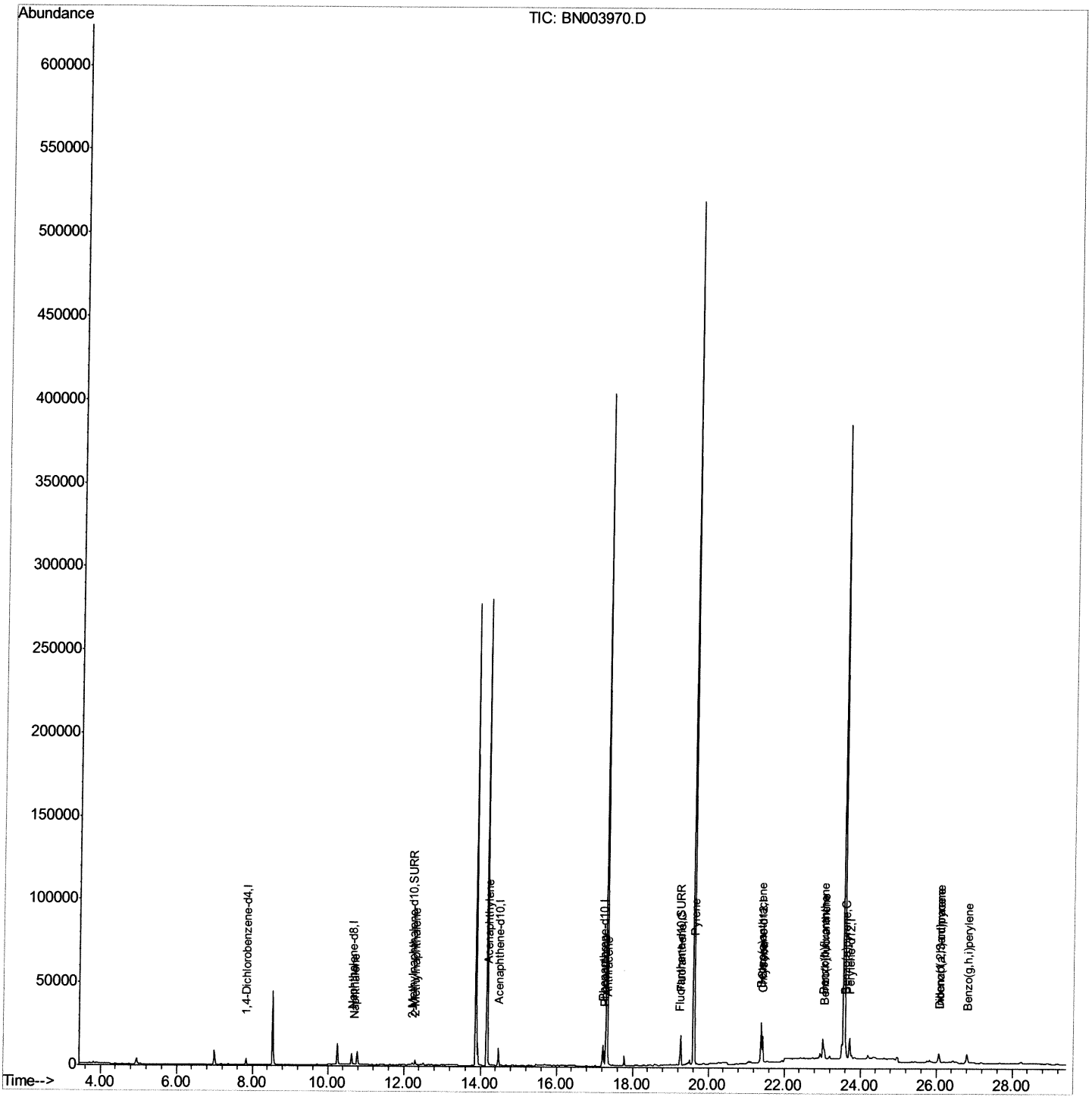
Quantitation Report (QT Reviewed)

Data File : BN003970.D
Acq On : 15 Dec 2018 22:10
Operator : JU/SJ
Sample : J6171-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 15 23:25:15 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 : Sat Dec 15 23:04:58 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9Y10

Manual Integrations APPROVED
Sohil
12/17/2018 4:24:00 PM



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121518\

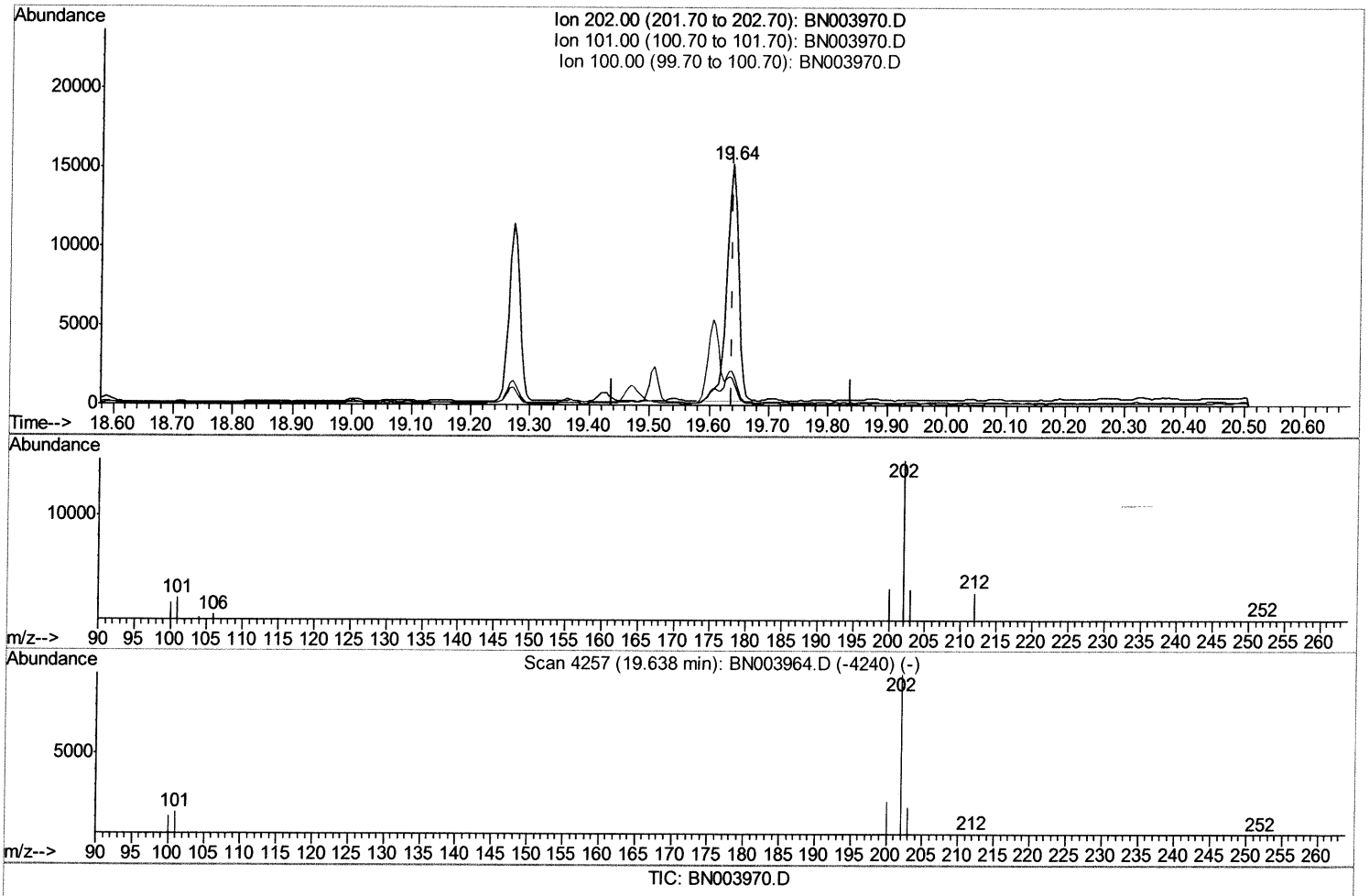
Quantitation Report (Qedit)

Data File : BN003970.D
Acq On : 15 Dec 2018 22:10
Operator : JU/SJ
Sample : J6171-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 15 23:08:04 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 : Sat Dec 15 23:04:58 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9Y10

Manual Integrations APPROVED
Sohil
12/17/2018 4:24:00 PM



TIC: BN003970.D

(17) Pyrene

19.638min (+0.000) 0.31ng/ul

response 19885

Ion	Exp%	Act%
202.00	100	100
101.00	12.90	14.32
100.00	10.60	11.26
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121518\

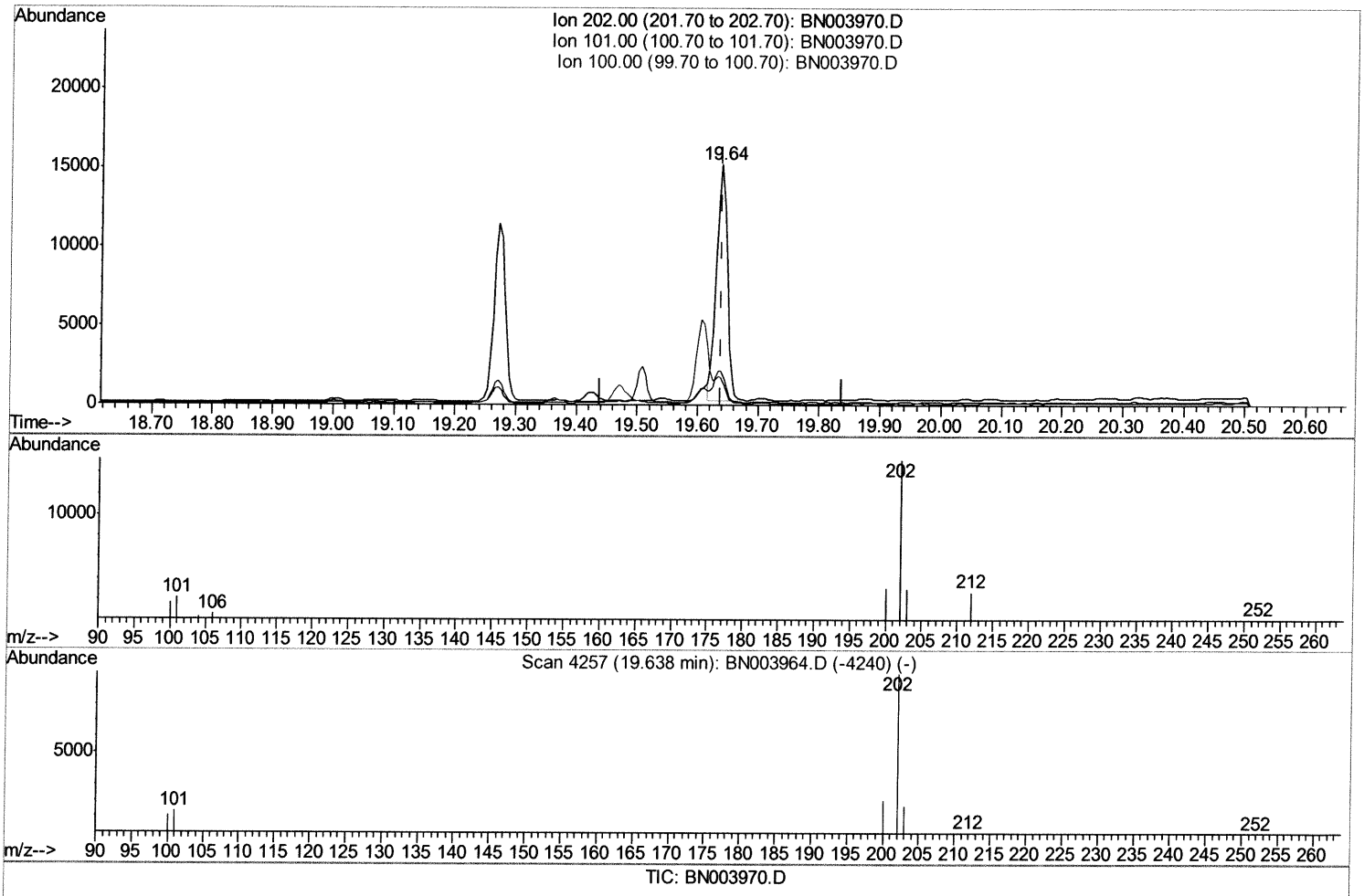
Quantitation Report (Qedit)

Data File : BN003970.D
Acq On : 15 Dec 2018 22:10
Operator : JU/SJ
Sample : J6171-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 15 23:08:04 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 : Sat Dec 15 23:04:58 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9Y10

Manual Integrations APPROVED
Sohil
12/17/2018 4:24:00 PM



TIC: BN003970.D

(17) Pyrene

19.638min (+0.000) 0.29ng/ul m SJ 12/17/18

response 18882

Ion	Exp%	Act%
202.00	100	100
101.00	12.90	14.32
100.00	10.60	11.26
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121518\

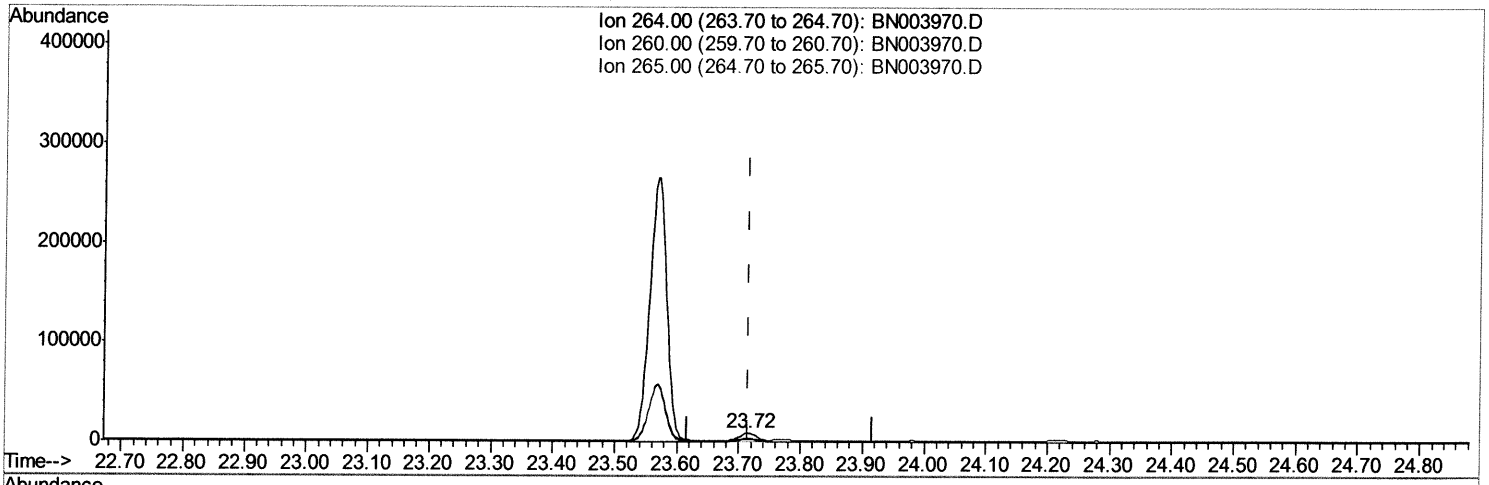
Quantitation Report (Qedit)

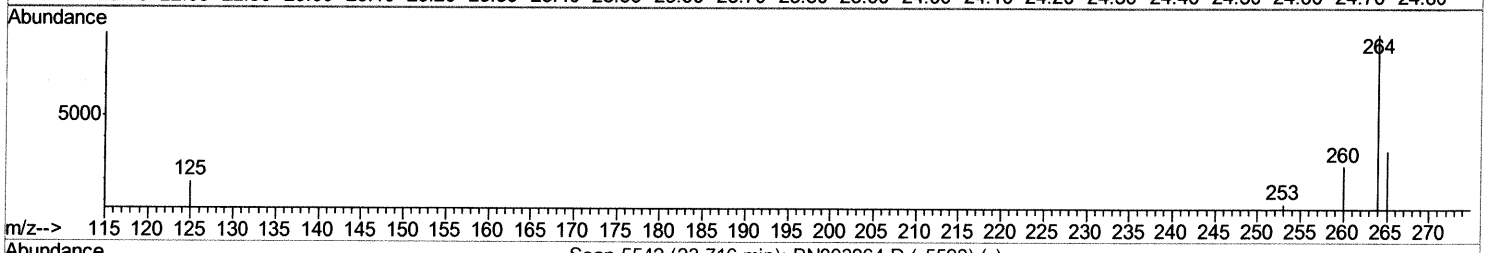
Data File : BN003970.D
Acq On : 15 Dec 2018 22:10
Operator : JU/SJ
Sample : J6171-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

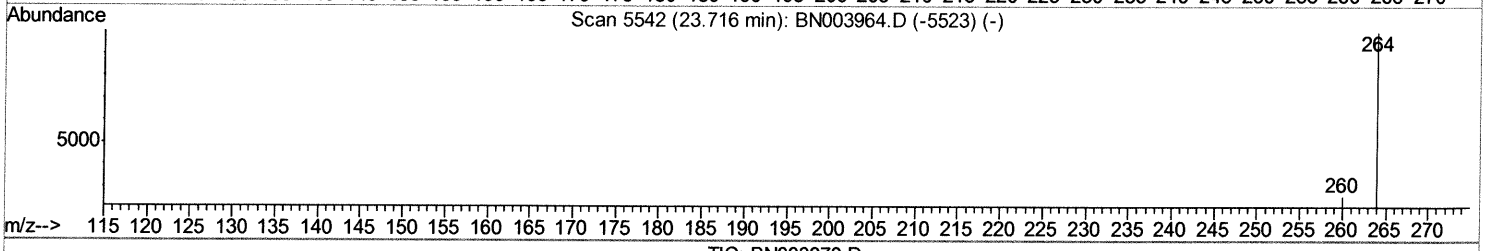
Quant Time: Dec 15 23:08:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 15 23:04:58 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9Y10

Manual Integrations APPROVED
Sohil
12/17/2018 4:24:00 PM







TIC: BN003970.D

(20) Perylene-d12 (I)

23.716min (+0.000) 0.40ng/ul

response 17550

Ion	Exp%	Act%
264.00	100	100
260.00	26.20	29.97
265.00	33.50	38.60
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121518\

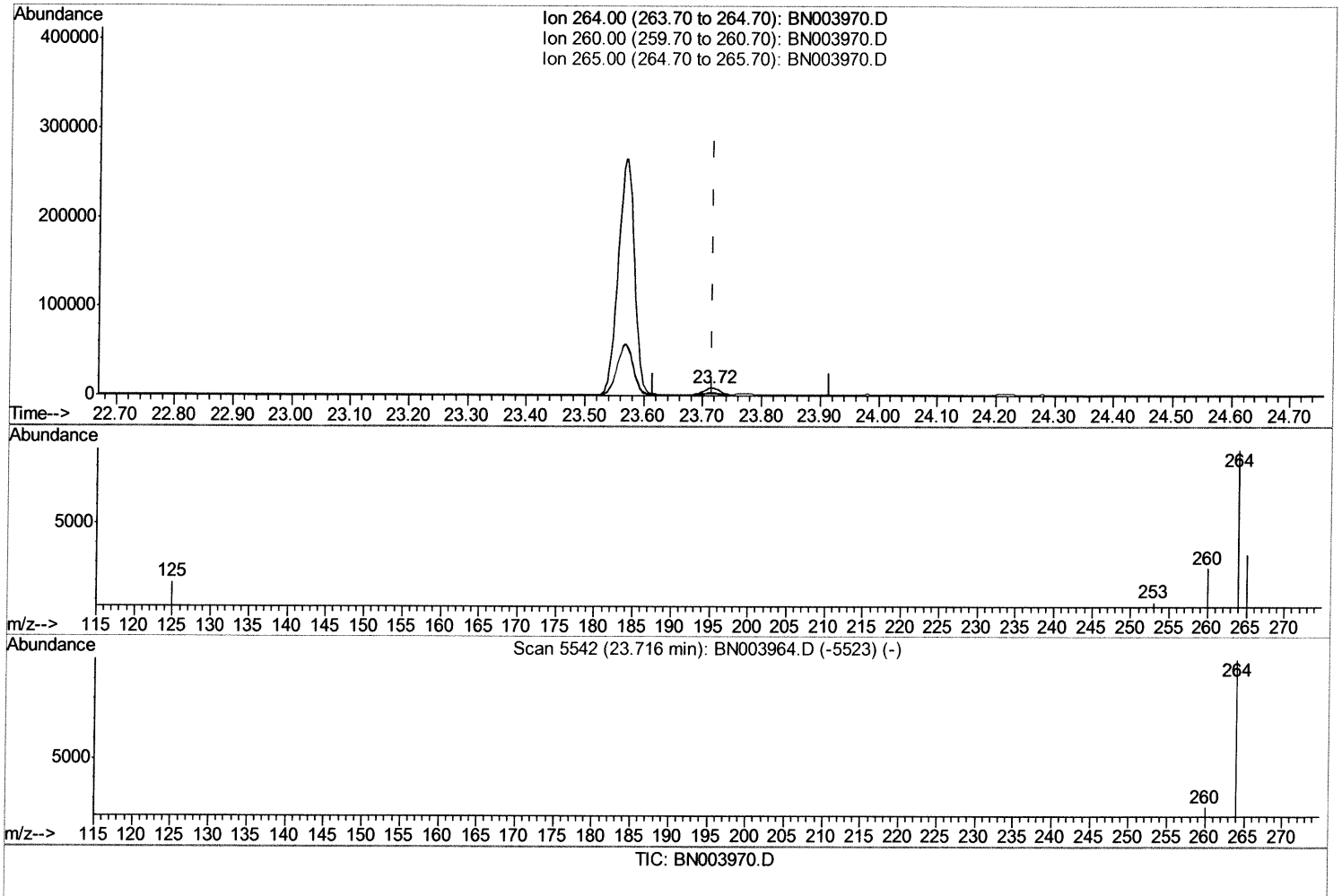
Quantitation Report (Qedit)

Data File : BN003970.D
Acq On : 15 Dec 2018 22:10
Operator : JU/SJ
Sample : J6171-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 15 23:08:04 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 : Sat Dec 15 23:04:58 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9Y10

Manual Integrations APPROVED
Sohil
12/17/2018 4:24:00 PM



(20) Perylene-d12 (I)

23.716min (+0.000) 0.40ng/ul m SJ 12/17/18

response 15906

Ion	Exp%	Act%
264.00	100	100
260.00	26.20	29.97
265.00	33.50	38.60
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121518\

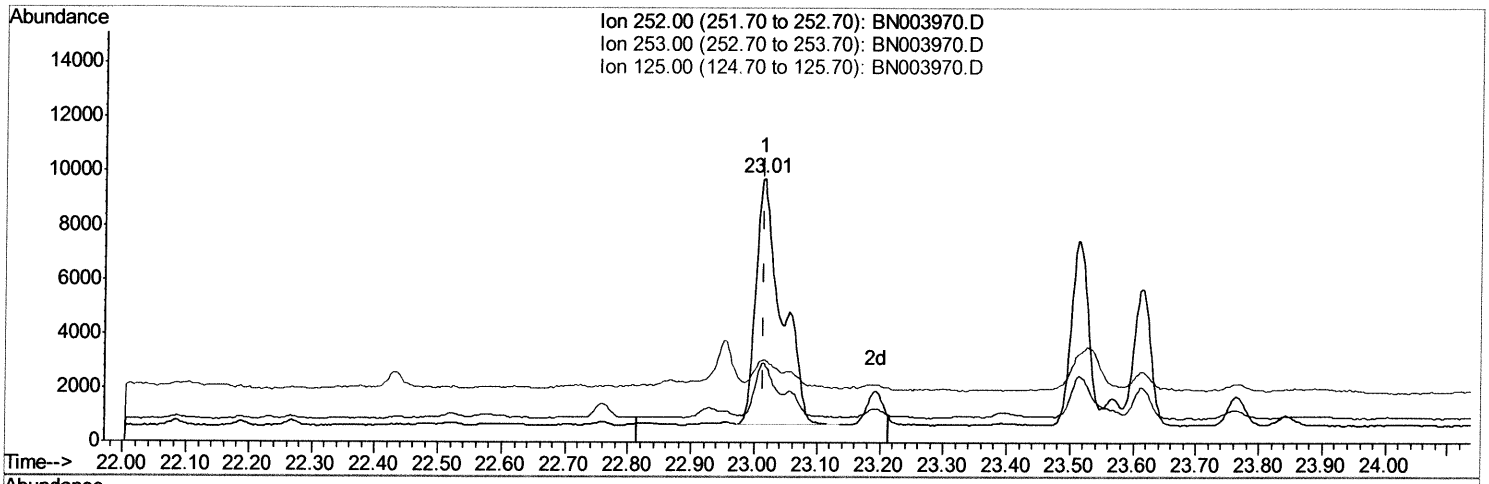
Quantitation Report (Qedit)

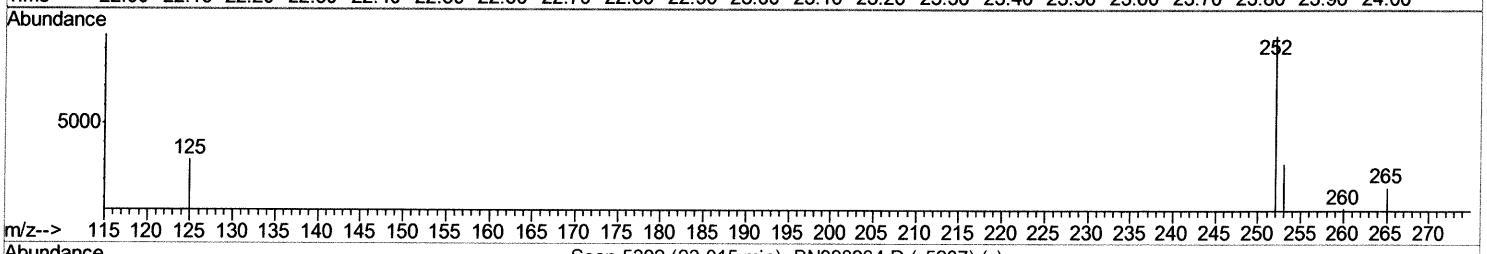
Data File : BN003970.D
Acq On : 15 Dec 2018 22:10
Operator : JU/SJ
Sample : J6171-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

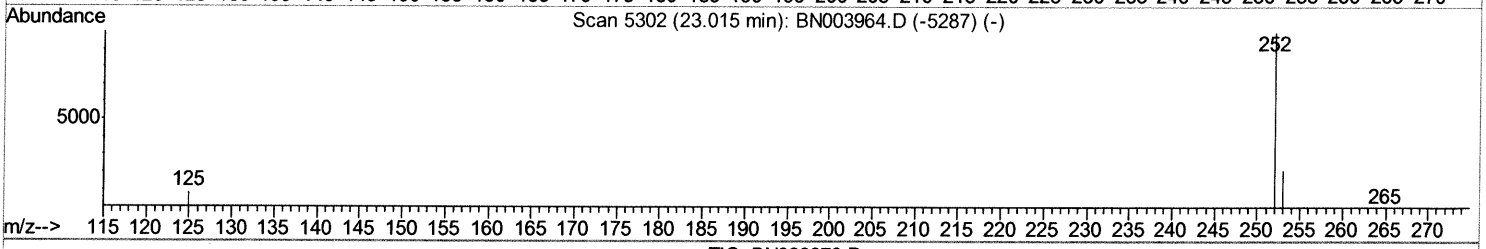
Quant Time: Dec 15 23:24:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 15 23:04:58 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9Y10

Manual Integrations APPROVED
Sohil
12/17/2018 4:24:00 PM







TIC: BN003970.D

(21) Benzo(b)fluoranthene

23.015min (+0.000) 0.39ng/ul

response 25863

Ion	Exp%	Act%
252.00	100	100
253.00	23.00	29.93
125.00	11.20	31.44#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121518\

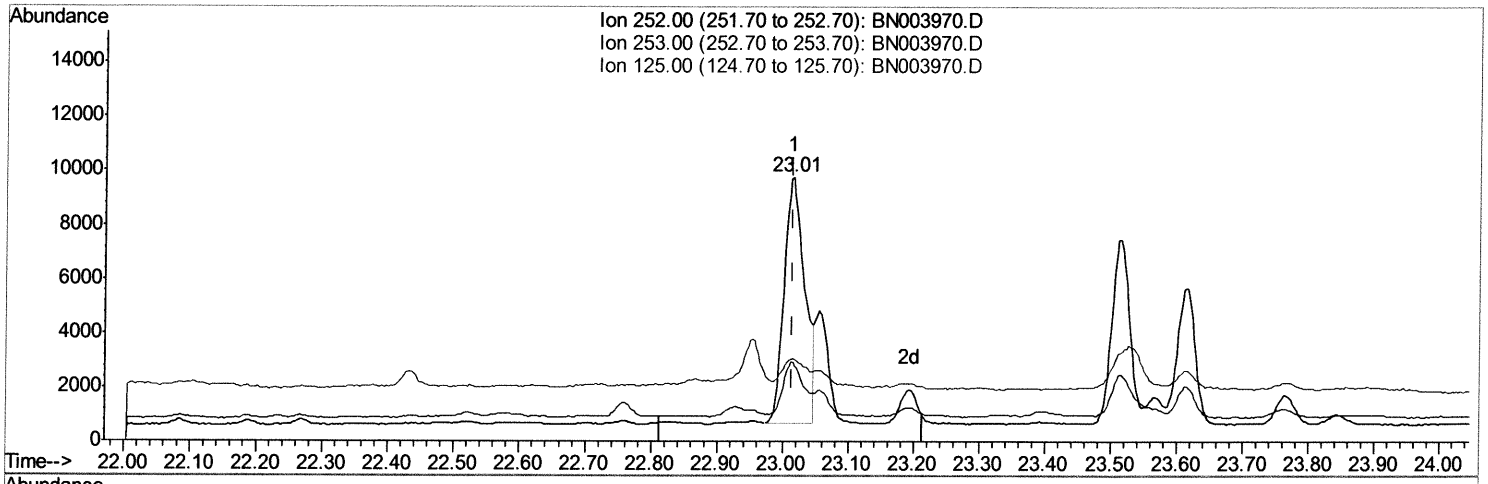
Quantitation Report (Qedit)

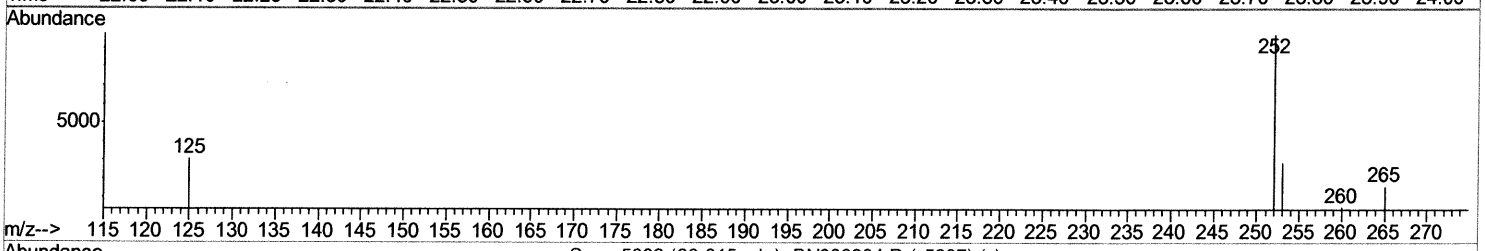
Data File : BN003970.D
Acq On : 15 Dec 2018 22:10
Operator : JU/SJ
Sample : J6171-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

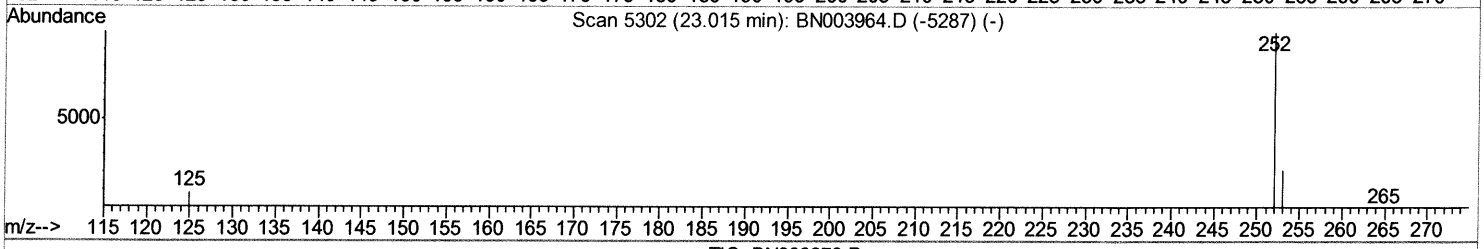
Quant Time: Dec 15 23:24:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 15 23:04:58 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9Y10

Manual Integrations APPROVED
Sohil
12/17/2018 4:24:00 PM







TIC: BN003970.D

(21) Benzo(b)fluoranthene

23.015min (+0.000) 0.30ng/ul m SJ 12/17/18

response 20056

Ion	Exp%	Act%
252.00	100	100
253.00	23.00	29.93
125.00	11.20	31.44#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121518\

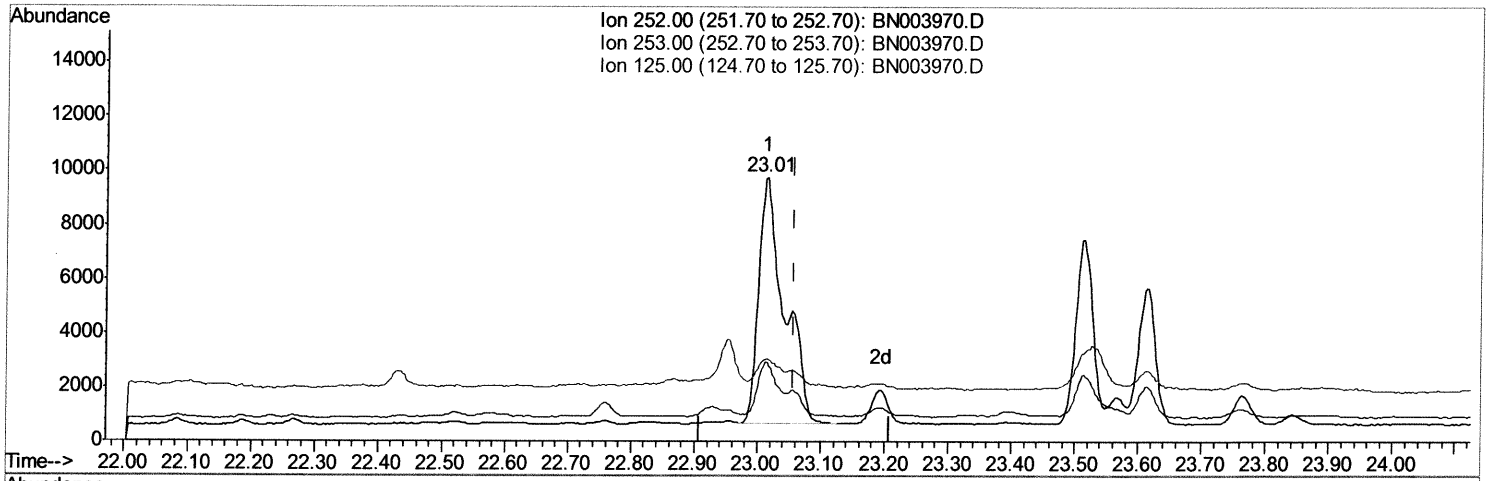
Quantitation Report (Qedit)

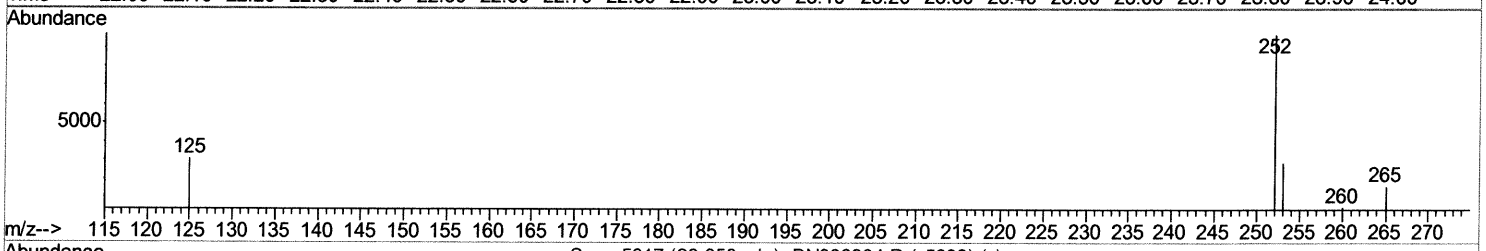
Data File : BN003970.D
Acq On : 15 Dec 2018 22:10
Operator : JU/SJ
Sample : J6171-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

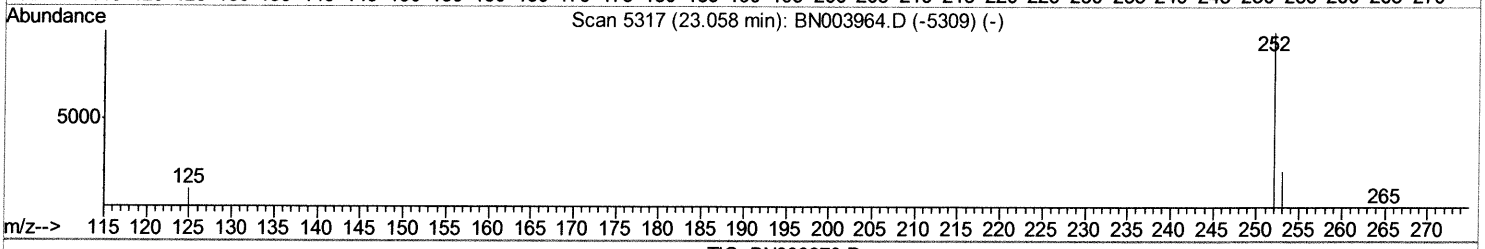
Quant Time: Dec 15 23:24:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 15 23:04:58 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9Y10

Manual Integrations APPROVED
Sohil
12/17/2018 4:24:00 PM







TIC: BN003970.D

(22) Benzo(k)fluoranthene

23.015min (-0.044) 0.40ng/ul

response 25781

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	29.93#
125.00	11.30	31.44#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121518\

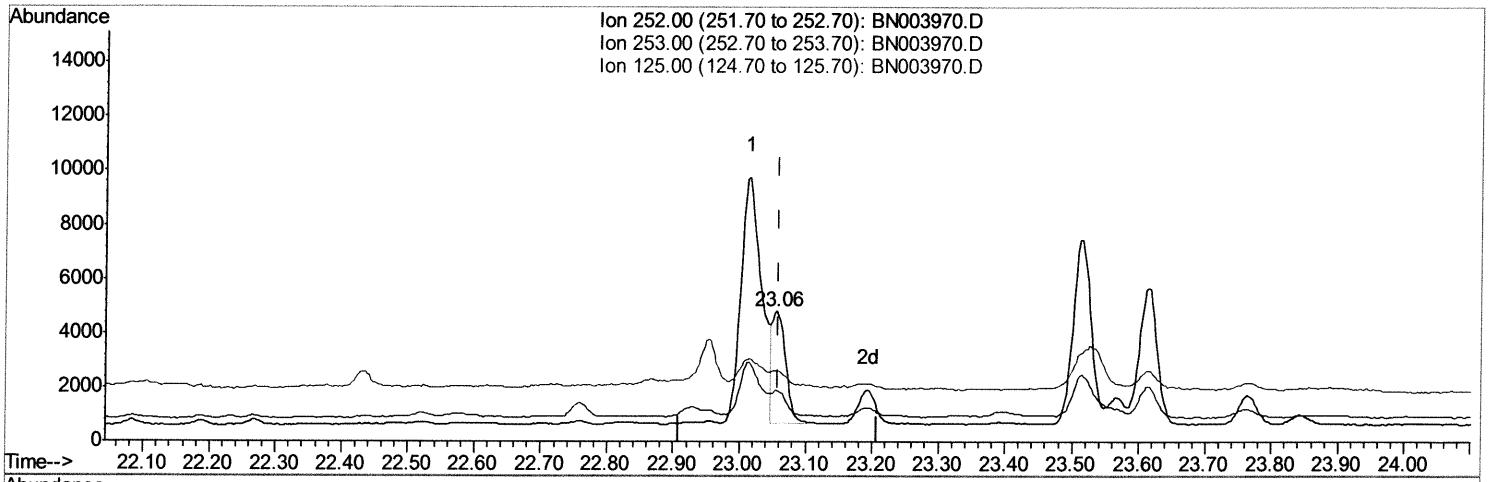
Quantitation Report (Qedit)

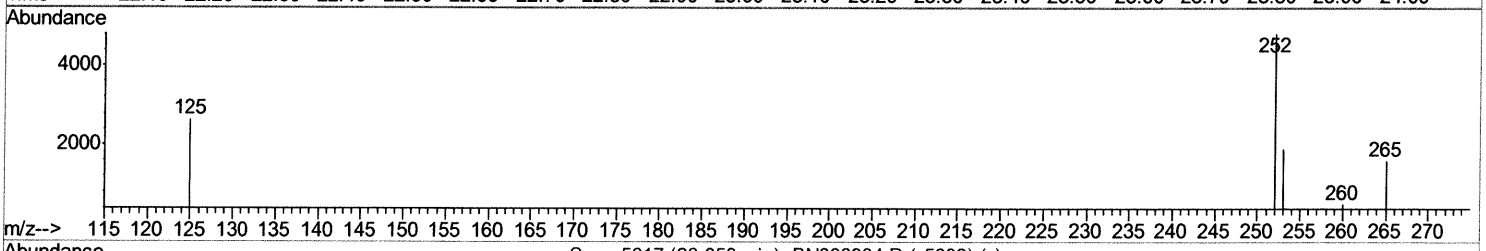
Data File : BN003970.D
Acq On : 15 Dec 2018 22:10
Operator : JU/SJ
Sample : J6171-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

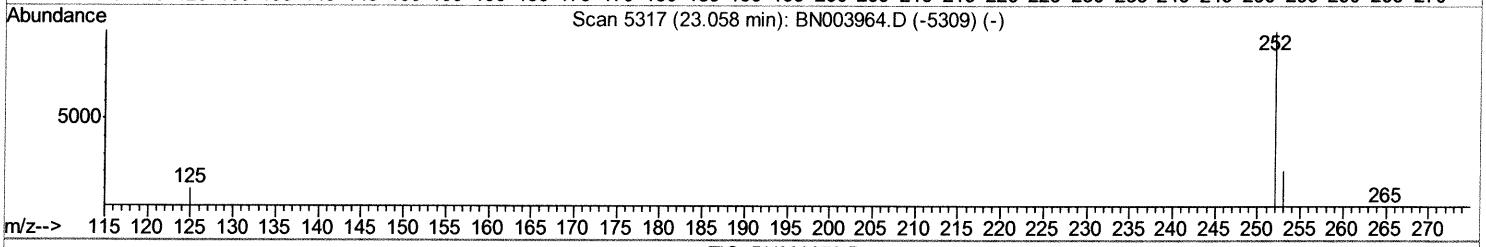
Quant Time: Dec 15 23:24:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 15 23:04:58 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9Y10

Manual Integrations APPROVED
Sohil
12/17/2018 4:24:00 PM







TIC: BN003970.D

(22) Benzo(k)fluoranthene

23.055min (-0.003) 0.09ng/ul m SJ 12/17/18

response 5775

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	39.74#
125.00	11.30	54.46#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121518\

Quantitation Report (QT Reviewed)

Data File : BN003970.D
Acq On : 15 Dec 2018 22:10
Operator : JU/SJ
Sample : J6171-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 15 23:25:15 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 : Sat Dec 15 23:04:58 2018
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : F9Y10

Manual Integrations APPROVED
Sohil
12/17/2018 4:24:00 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1887	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	9506	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5714	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	14447	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	18022	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	15906m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	2118	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	6414	0.15	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.68	128	1291	0.048	ng/ul#	83
5) 2-Methylnaphthalene	12.29	142	2262	0.121	ng/ul	100
7) Acenaphthylene	14.19	152	1927	0.075	ng/ul#	88
12) Phenanthrene	17.26	178	9494	0.200	ng/ul	97
13) Anthracene	17.35	178	2820	0.072	ng/ul#	90
15) Fluoranthene	19.27	202	14637	0.261	ng/ul	94
17) Pyrene	19.64	202	18882m	0.292	ng/ul	
18) Benzo(a)anthracene	21.38	228	10096	0.177	ng/ul#	84
19) Chrysene	21.44	228	16698	0.256	ng/ul#	90
21) Benzo(b)fluoranthene	23.01	252	20056m	0.305	ng/ul	
22) Benzo(k)fluoranthene	23.06	252	5775m	0.090	ng/ul	
23) Benzo(a)pyrene	23.61	252	9599	0.168	ng/ul#	54
24) Indeno(1,2,3-cd)pyrene	26.07	276	9186	0.141	ng/ul#	93
25) Dibenzo(a,h)anthracene	26.08	278	2612	0.050	ng/ul#	1
26) Benzo(g,h,i)perylene	26.80	276	11518	0.203	ng/ul#	80

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

SJ
12/17/18