Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN120618\

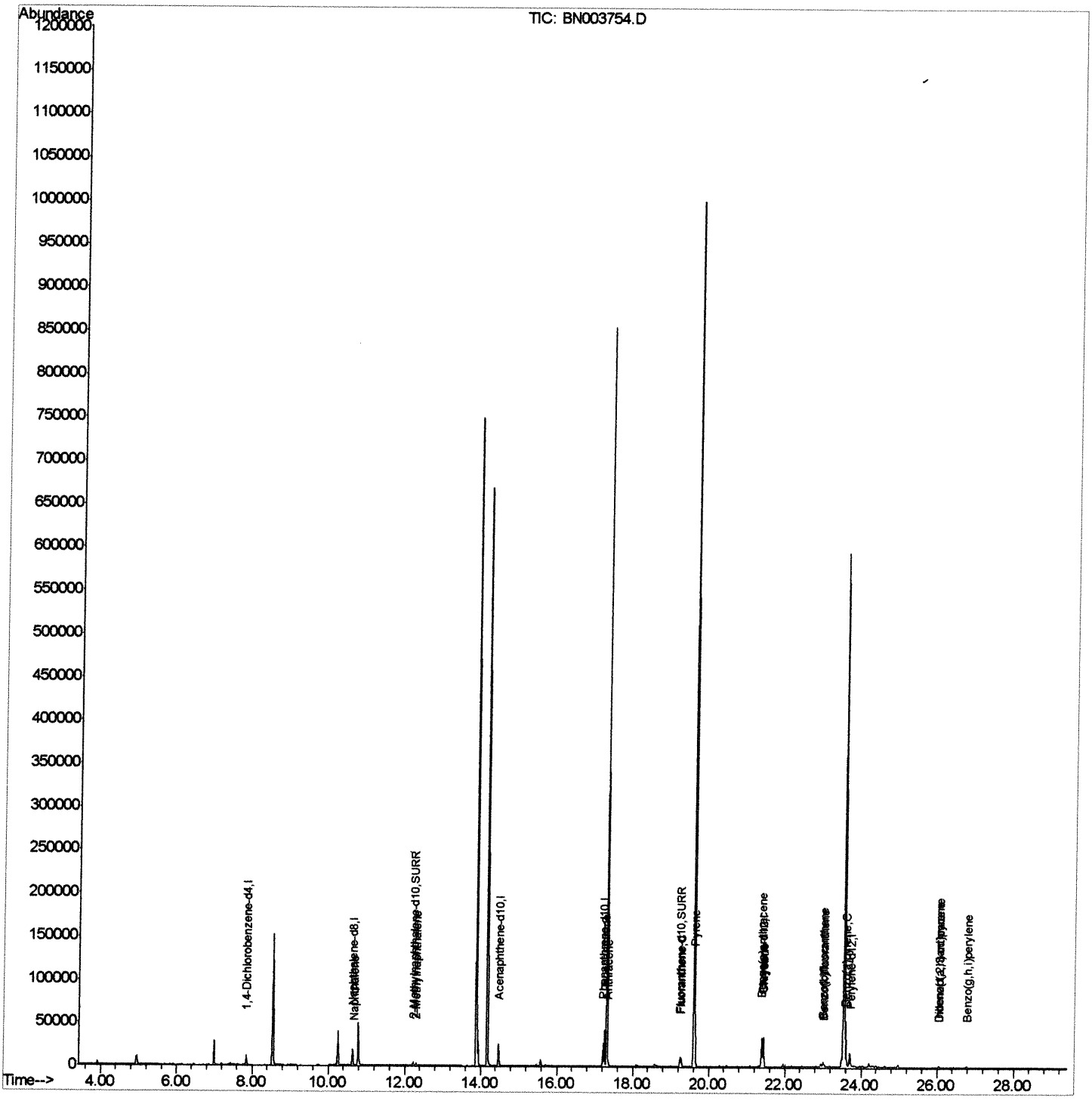
Quantitation Report (QT Reviewed)

Data File : BN003754.D
Acq On : 07 Dec 2018 05:54
Operator : JU/SJ
Sample : J6227-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Dec 07 08:09:58 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 04:08:50 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9E62

Manual Integrations APPROVED
mohammad
12/10/2018 12:21:06 PM



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN120618\

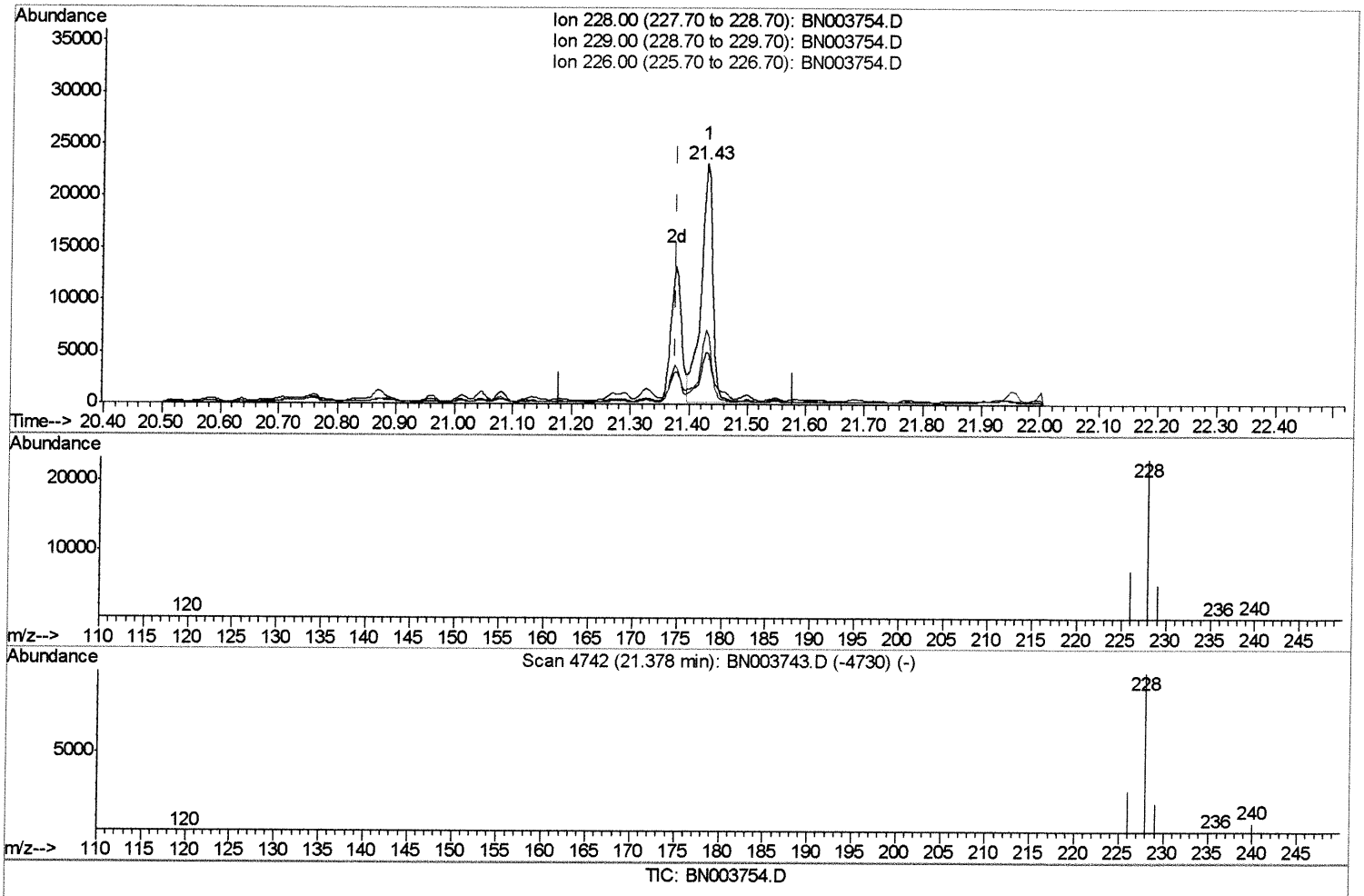
Quantitation Report (Qedit)

Data File : BN003754.D
Acq On : 07 Dec 2018 05:54
Operator : JU/SJ
Sample : J6227-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Dec 07 08:06:01 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 04:08:50 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9E62

Manual Integrations APPROVED
mohammad
12/10/2018 12:21:06 PM



(18) Benzo(a)anthracene

21.429min (+0.051) 0.40ng/ul

response 32197

Ion	Exp%	Act%
228.00	100	100
229.00	19.50	21.78
226.00	26.40	30.70
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN120618\

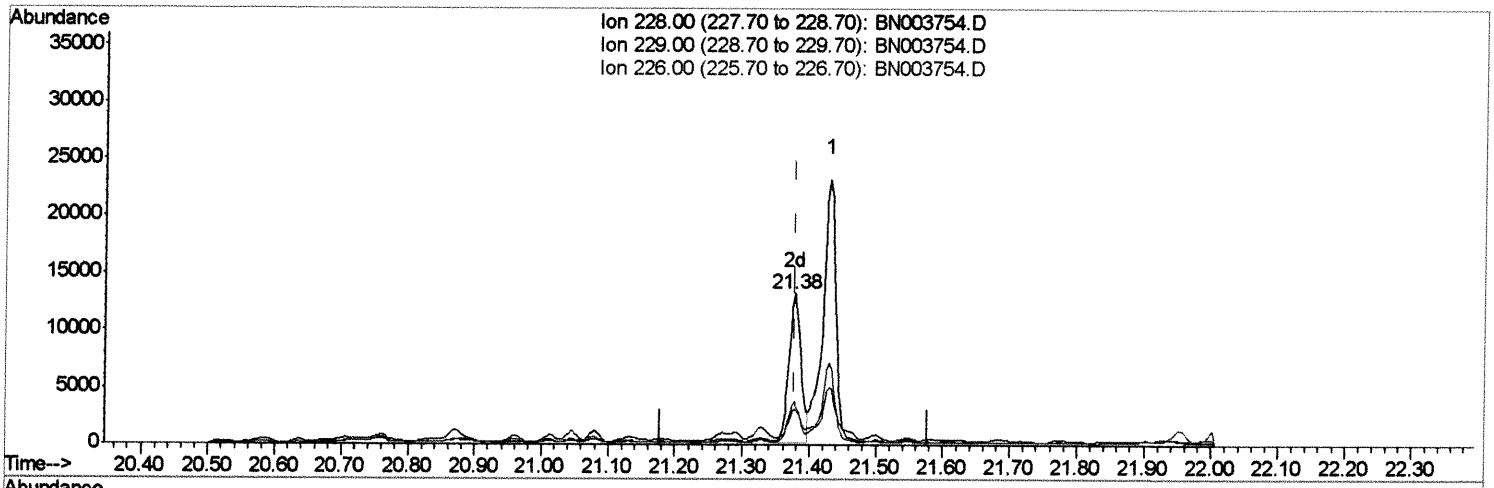
Quantitation Report (Qedit)

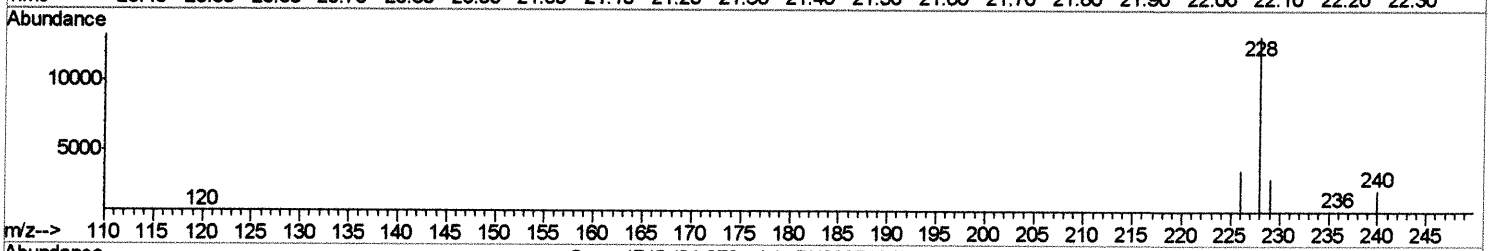
Data File : BN003754.D
Acq On : 07 Dec 2018 05:54
Operator : JU/SJ
Sample : J6227-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

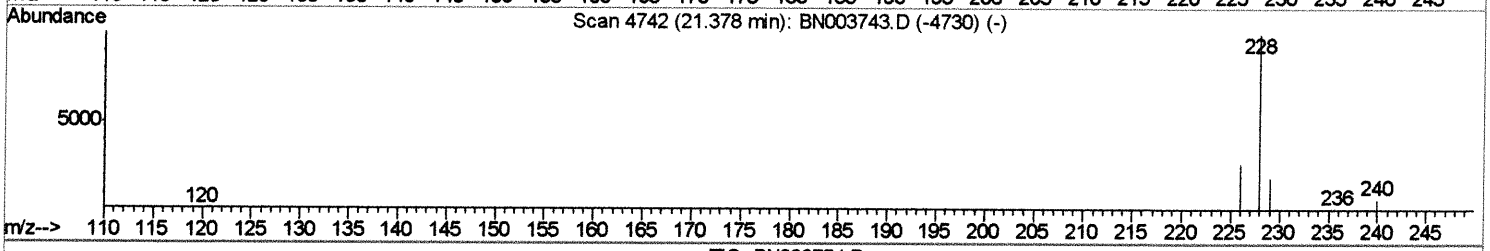
Quant Time: Dec 07 08:06:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 07 04:08:50 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9E62

Manual Integrations APPROVED
mohammad
12/10/2018 12:21:06 PM







TIC: BN003754.D

(18) Benzo(a)anthracene

21.376min (-0.002) 0.20ng/ul m

response 16393

SJ 12/11/18

Ion	Exp%	Act%
228.00	100	100
229.00	19.50	24.00#
226.00	26.40	28.29
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN120618\

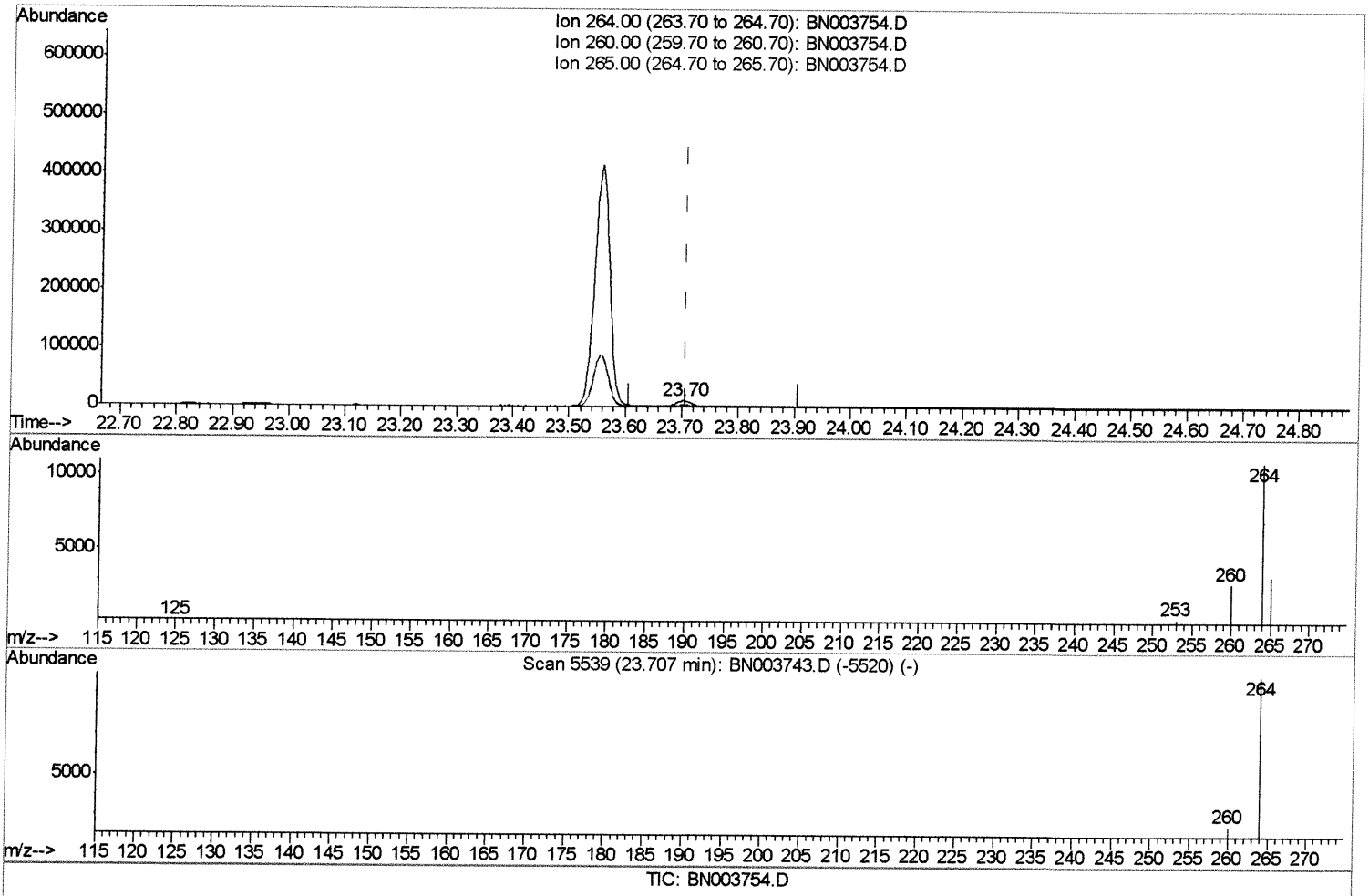
Quantitation Report (Qedit)

Data File : BN003754.D
Acq On : 07 Dec 2018 05:54
Operator : JU/SJ
Sample : J6227-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Dec 07 08:06:01 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 04:08:50 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9E62

Manual Integrations APPROVED
mohammad
12/10/2018 12:21:06 PM



(20) Perylene-d12 (I)

23.703min (-0.004) 0.40ng/ul

response 23156

Ion	Exp%	Act%
264.00	100	100
260.00	26.20	26.54
265.00	33.50	30.64
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN120618\

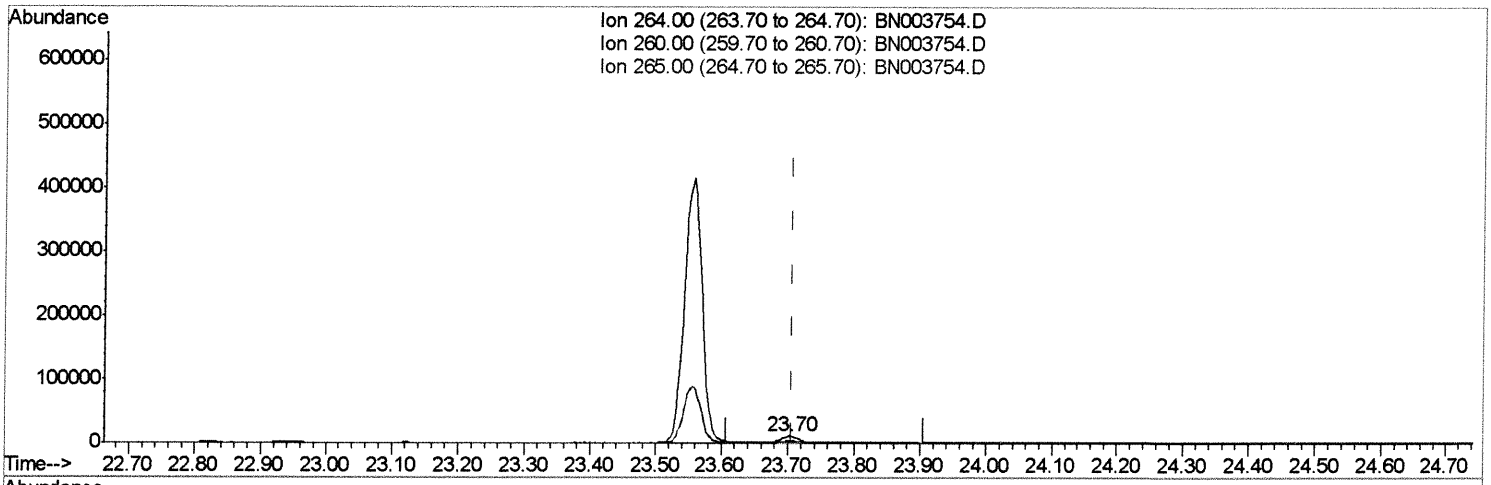
Quantitation Report (Qedit)

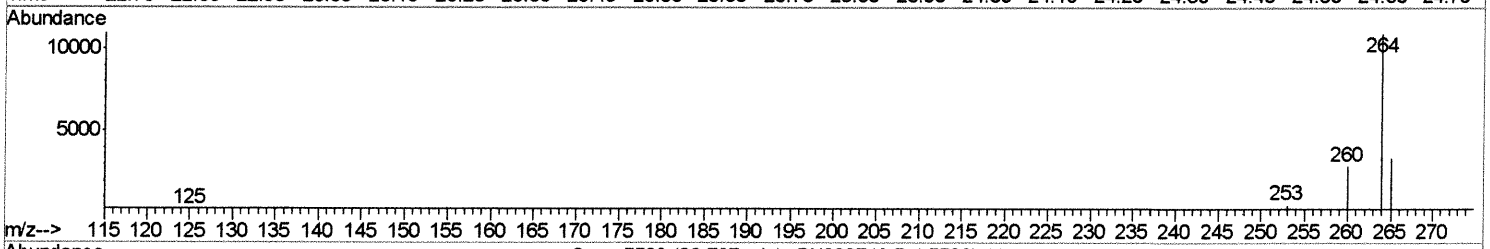
Data File : BN003754.D
Acq On : 07 Dec 2018 05:54
Operator : JU/SJ
Sample : J6227-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

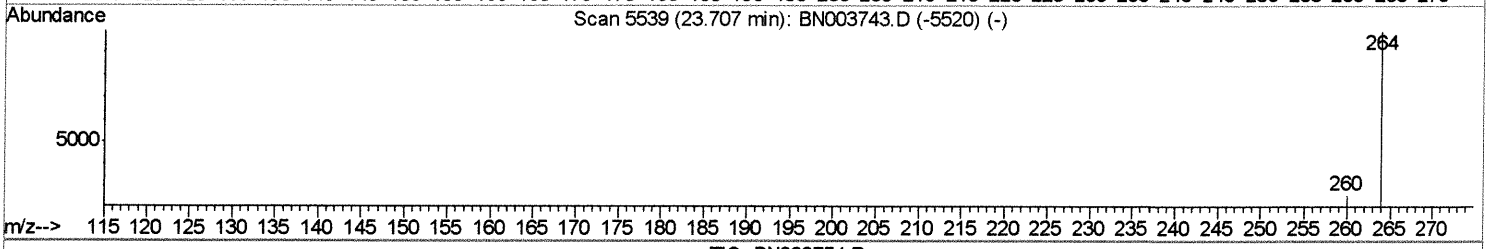
Quant Time: Dec 07 08:06:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 07 04:08:50 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9E62

Manual Integrations APPROVED
mohammad
12/10/2018 12:21:06 PM







TIC: BN003754.D

(20) Perylene-d12 (I)

23.703min (-0.004) 0.40ng/ul m

response 19006

SJ 12/11/18

Ion	Exp%	Act%
264.00	100	100
260.00	26.20	26.54
265.00	33.50	30.64
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN120618\

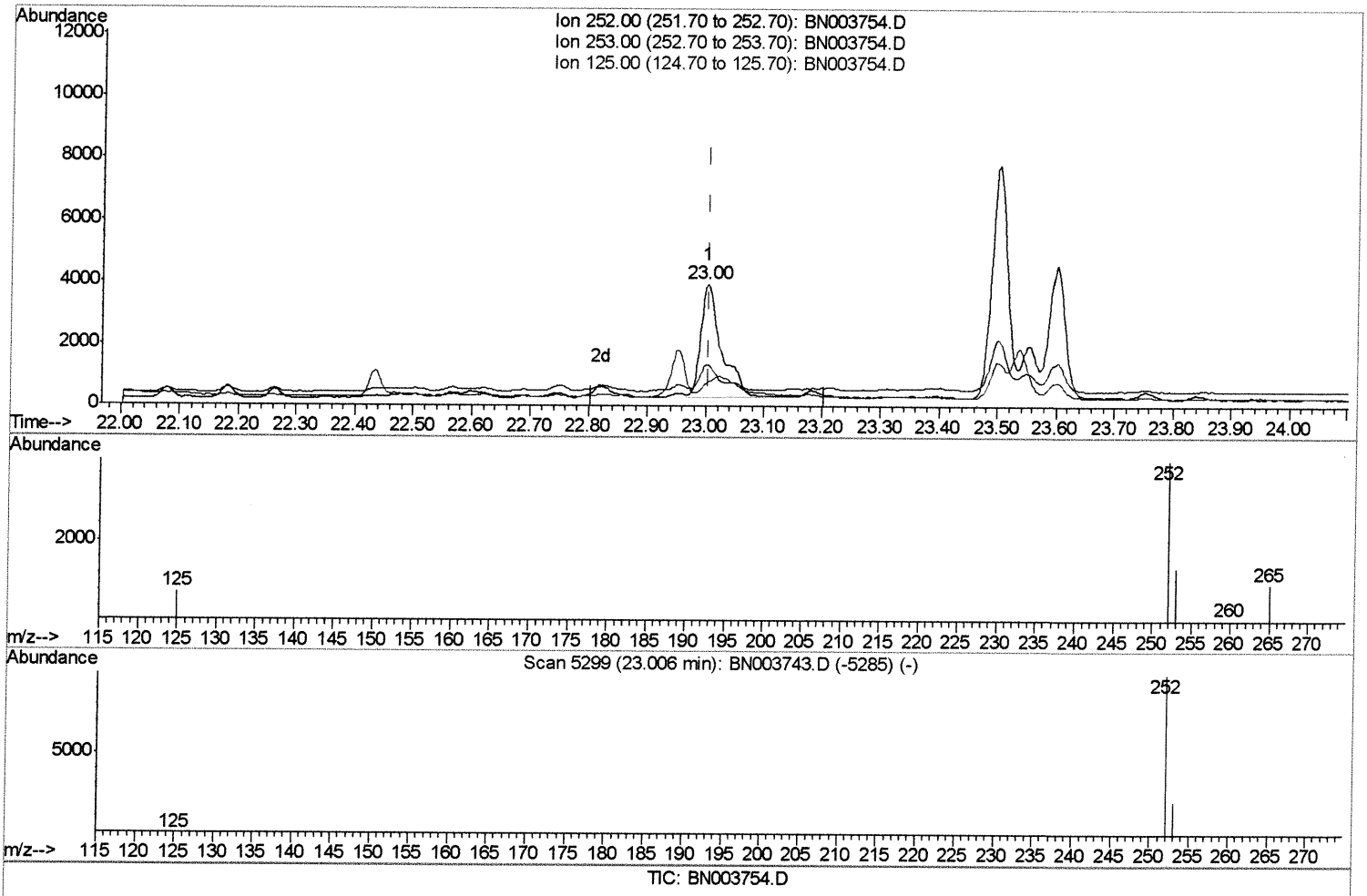
Quantitation Report (Qedit)

Data File : BN003754.D
Acq On : 07 Dec 2018 05:54
Operator : JU/SJ
Sample : J6227-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Dec 07 08:09:00 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 04:08:50 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9E62

Manual Integrations APPROVED
mohammad
12/10/2018 12:21:06 PM



TIC: BN003754.D

(21) Benzo(b)fluoranthene

23.001min (-0.004) 0.11ng/ul

response 9019

Ion	Exp%	Act%
252.00	100	100
253.00	23.00	34.40
125.00	11.20	19.17
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN120618\

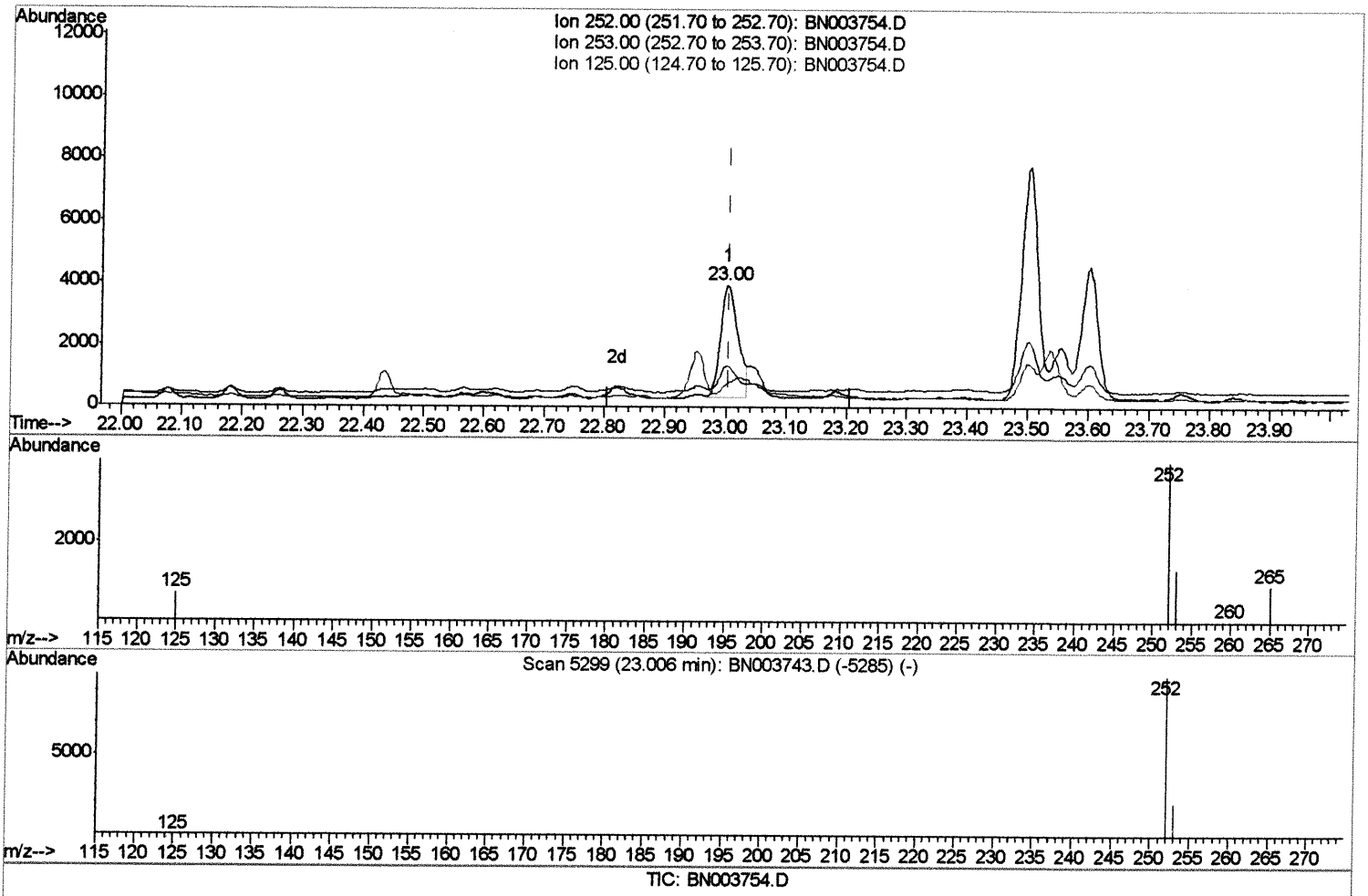
Quantitation Report (Qedit)

Data File : BN003754.D
Acq On : 07 Dec 2018 05:54
Operator : JU/SJ
Sample : J6227-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Dec 07 08:09:00 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 04:08:50 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9E62

Manual Integrations APPROVED
mohammad
12/10/2018 12:21:06 PM



TIC: BN003754.D

(21) Benzo(b)fluoranthene

23.001min (-0.004) 0.09ng/ul m > SJ 12/11/18

response 7302

Ion	Exp%	Act%
252.00	100	100
253.00	23.00	34.40
125.00	11.20	19.17
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN120618\

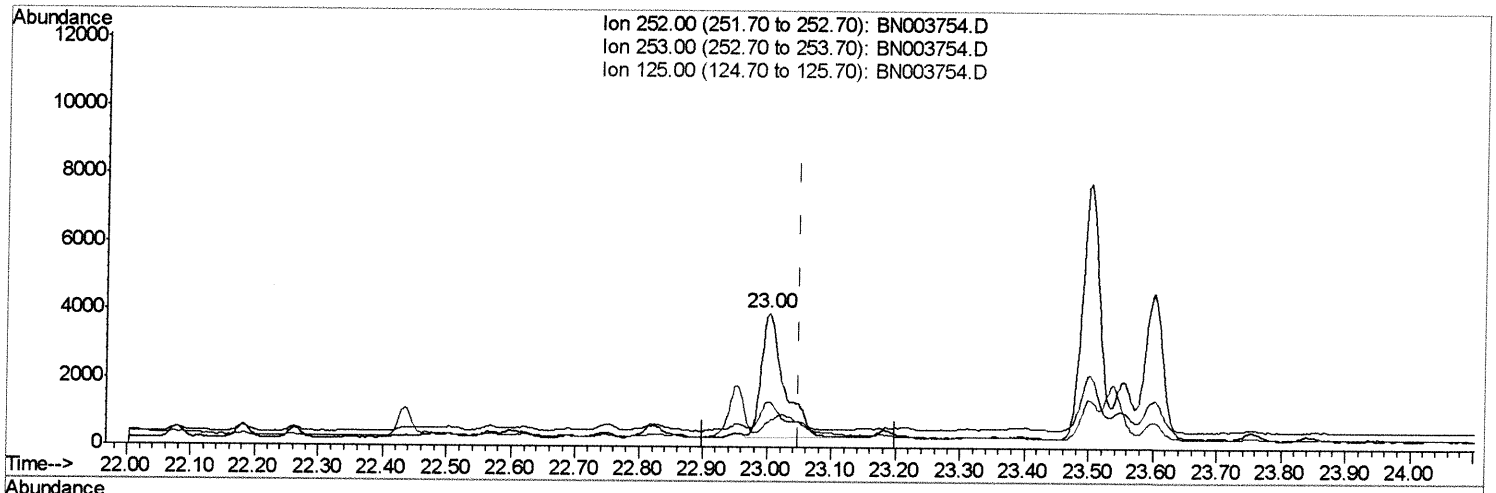
Quantitation Report (Qedit)

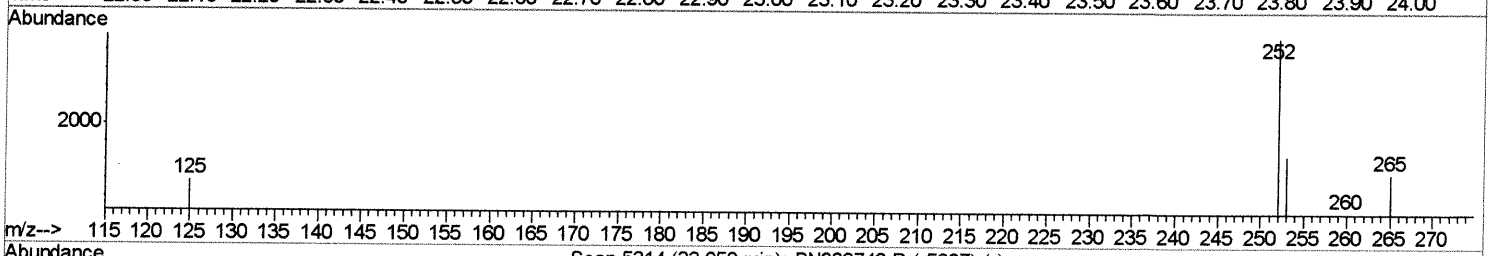
Data File : BN003754.D
Acq On : 07 Dec 2018 05:54
Operator : JU/SJ
Sample : J6227-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

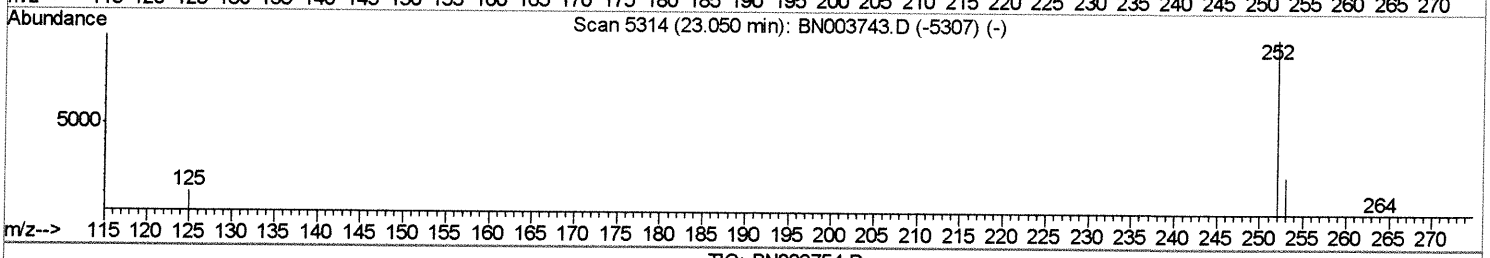
Quant Time: Dec 07 08:09:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 07 04:08:50 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9E62

Manual Integrations APPROVED
mohammad
12/10/2018 12:21:06 PM







TIC: BN003754.D

(22) Benzo(k)fluoranthene

23.001min (-0.048) 0.12ng/ul

response 9019

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	34.40#
125.00	11.30	19.17#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN120618\

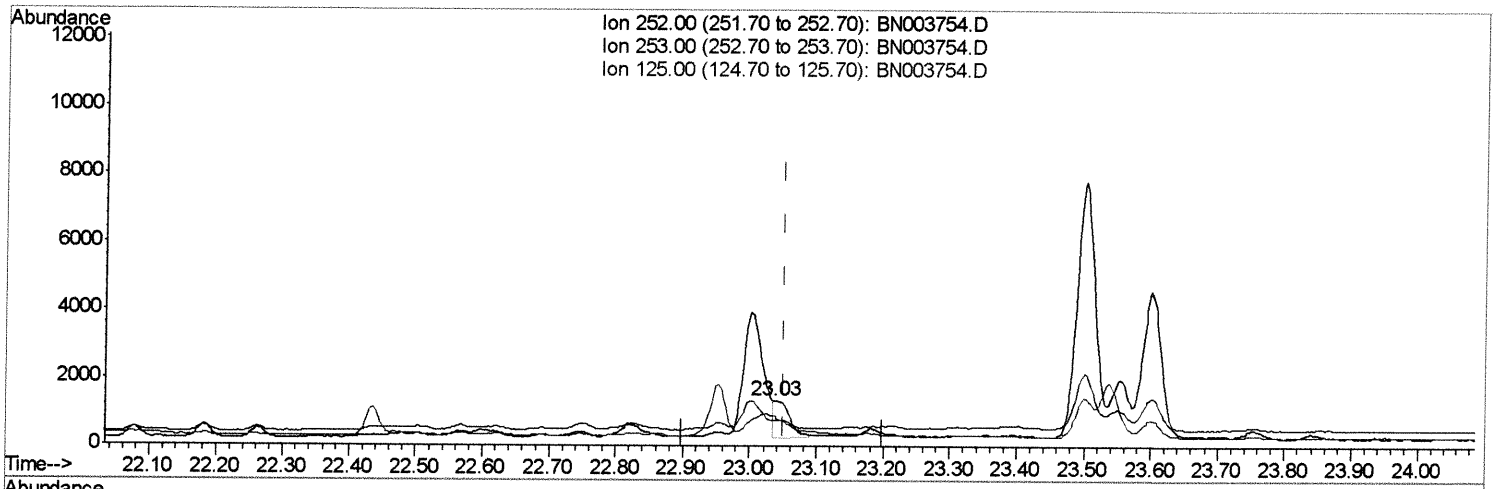
Quantitation Report (Qedit)

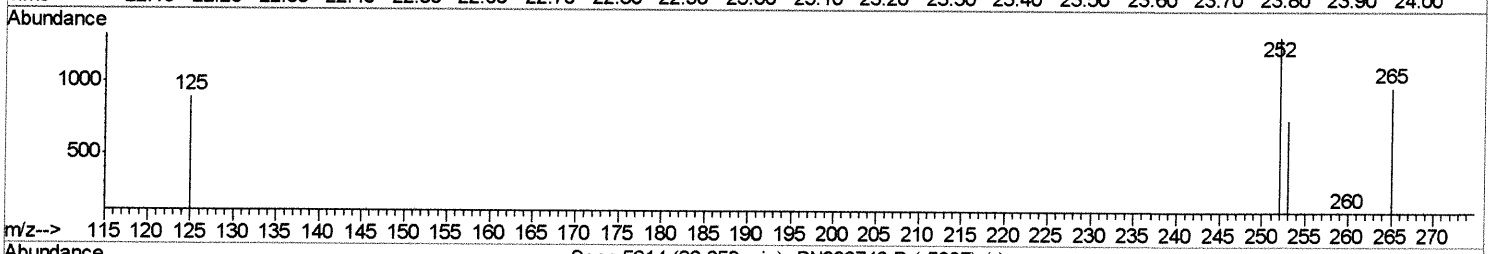
Data File : BN003754.D
Acq On : 07 Dec 2018 05:54
Operator : JU/SJ
Sample : J6227-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

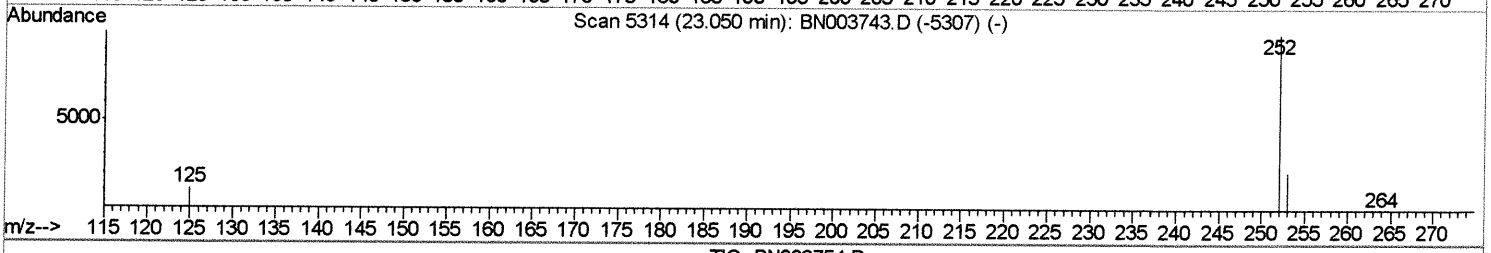
Quant Time: Dec 07 08:09:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 07 04:08:50 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9E62

Manual Integrations APPROVED
mohammad
12/10/2018 12:21:06 PM







TIC: BN003754.D

(22) Benzo(k)fluoranthene

23.033min (-0.016) 0.02ng/ul m

response 1681

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	56.63#
125.00	11.30	67.39#
0.00	0.00	0.00

SJ 12/11/18

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN120618\

Quantitation Report (QT Reviewed)

Data File : BN003754.D
Acq On : 07 Dec 2018 05:54
Operator : JU/SJ
Sample : J6227-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

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Manual Integrations APPROVED
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12/10/2018 12:21:06 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	6244	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	25662	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	13672	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	30213	0.40	ng/ul	0.00
16) Chrysene-d12	21.39	240	25329	0.40	ng/ul	0.00
20) Perylene-d12	23.70	264	19006m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	5656	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	12426	0.14	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.68	128	1537	0.021	ng/ul#	87
5) 2-Methylnaphthalene	12.29	142	2407	0.048	ng/ul	98
12) Phenanthrene	17.26	178	43256	0.436	ng/ul	99
13) Anthracene	17.34	178	2123	0.026	ng/ul#	90
15) Fluoranthene	19.27	202	8730	0.075	ng/ul	91
17) Pyrene	19.63	202	38593	0.425	ng/ul	99
18) Benzo(a)anthracene	21.38	228	16393m	0.205	ng/ul	
19) Chrysene	21.43	228	31317	0.342	ng/ul	97
21) Benzo(b)fluoranthene	23.00	252	7302m	0.093	ng/ul	
22) Benzo(k)fluoranthene	23.03	252	1681m	0.022	ng/ul	
23) Benzo(a)pyrene	23.60	252	8025	0.118	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	26.04	276	3071	0.039	ng/ul#	94
25) Dibenzo(a,h)anthracene	26.05	278	2523	0.040	ng/ul#	45
26) Benzo(g,h,i)perylene	26.77	276	5991	0.088	ng/ul#	90

SJ 12/11/18

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