

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121918\
Quantitation Report (QT Reviewed)

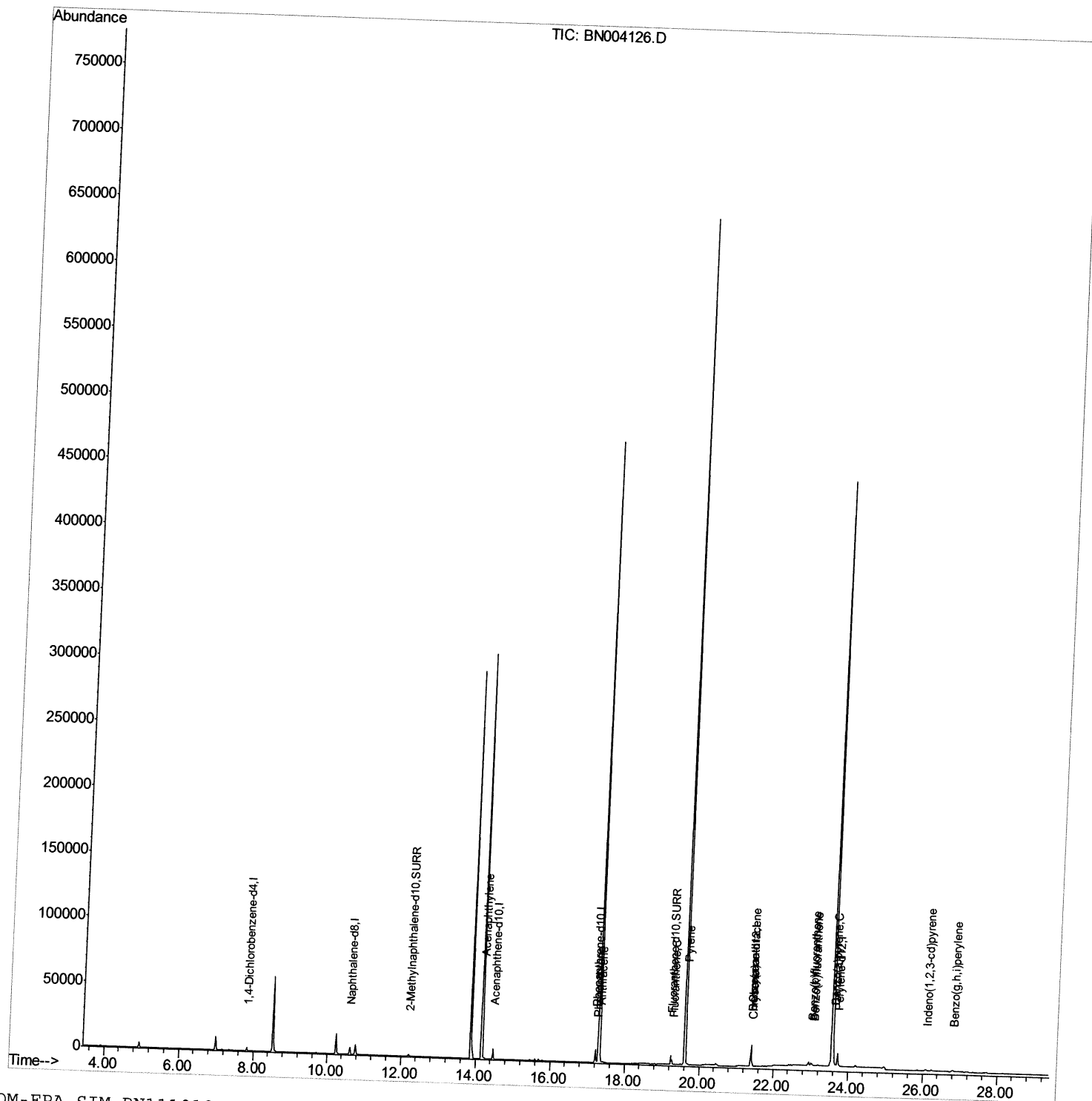
Data File : BN004126.D
Acq On : 19 Dec 2018 22:34
Operator : JU/SJ
Sample : J6299-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F20

Manual Integrations
APPROVED

Sohil
12/20/2018 2:03:38 PM

Quant Time: Dec 20 06:54:44 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 : Thu Dec 20 05:49:27 2018
Response via : Initial Calibration



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121918\
Quantitation Report (Qedit)

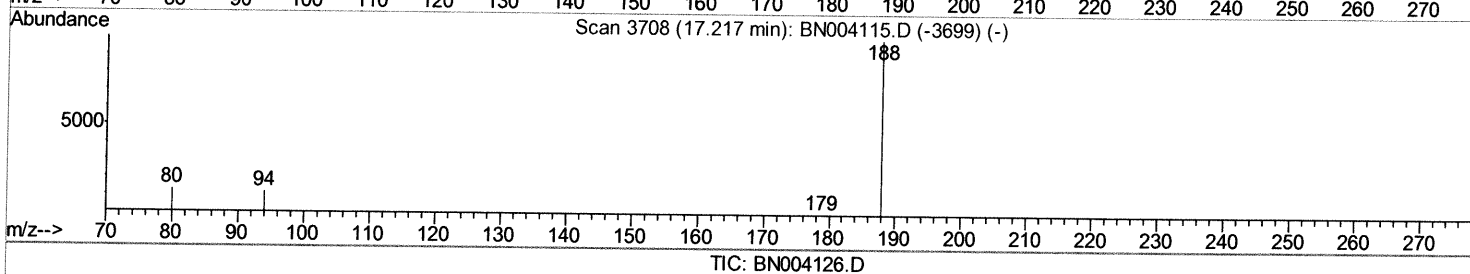
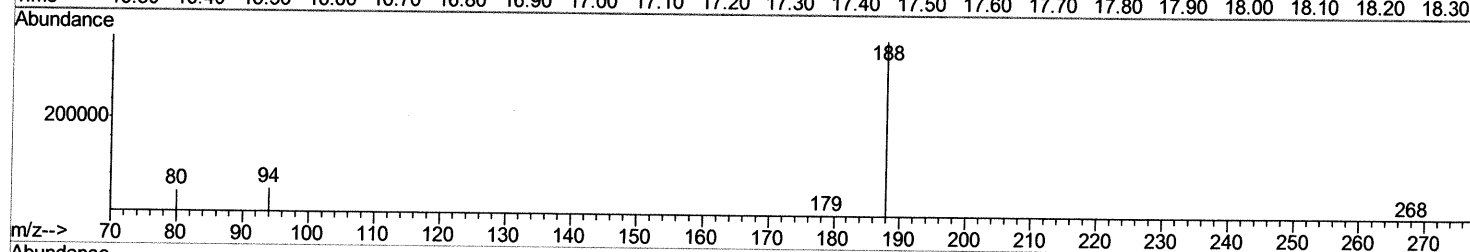
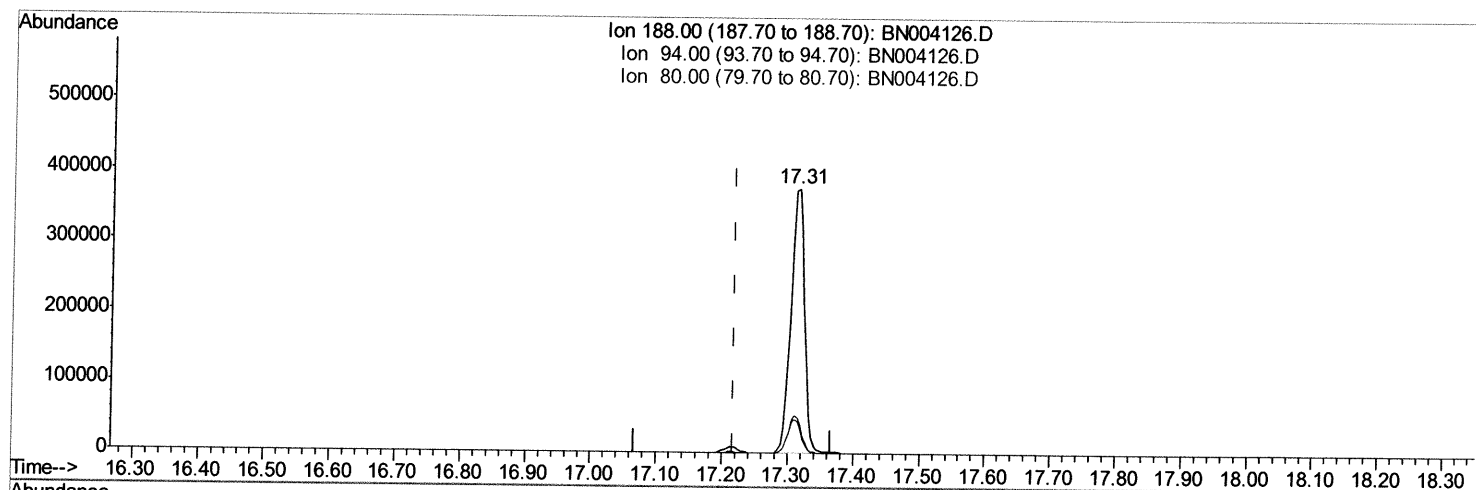
Data File : BN004126.D
Acq On : 19 Dec 2018 22:34
Operator : JU/SJ
Sample : J6299-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F20

Manual Integrations
APPROVED

Sohil
12/20/2018 2:03:38 PM

Quant Time: Dec 20 05:53:51 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 : Thu Dec 20 05:49:27 2018
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.314min (+0.097) 0.40ng/ul

response 536033

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	13.23#
80.00	11.60	11.85
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121918\
Quantitation Report (Qedit)

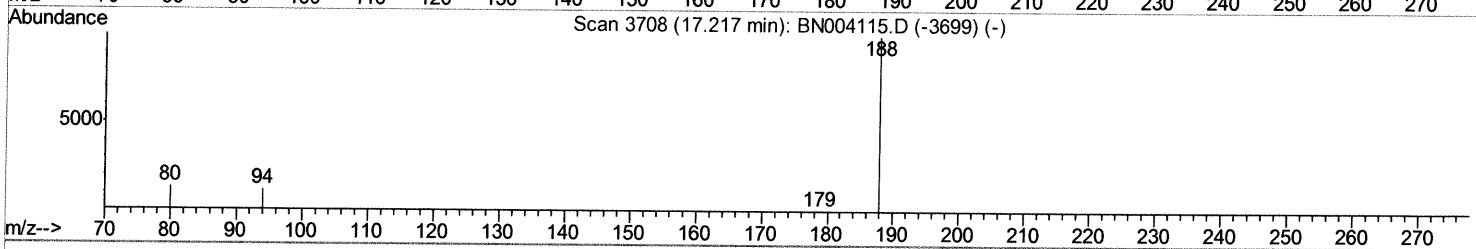
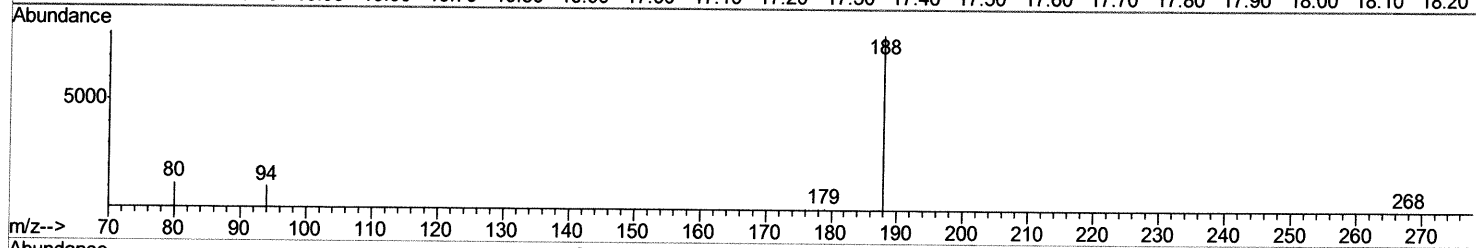
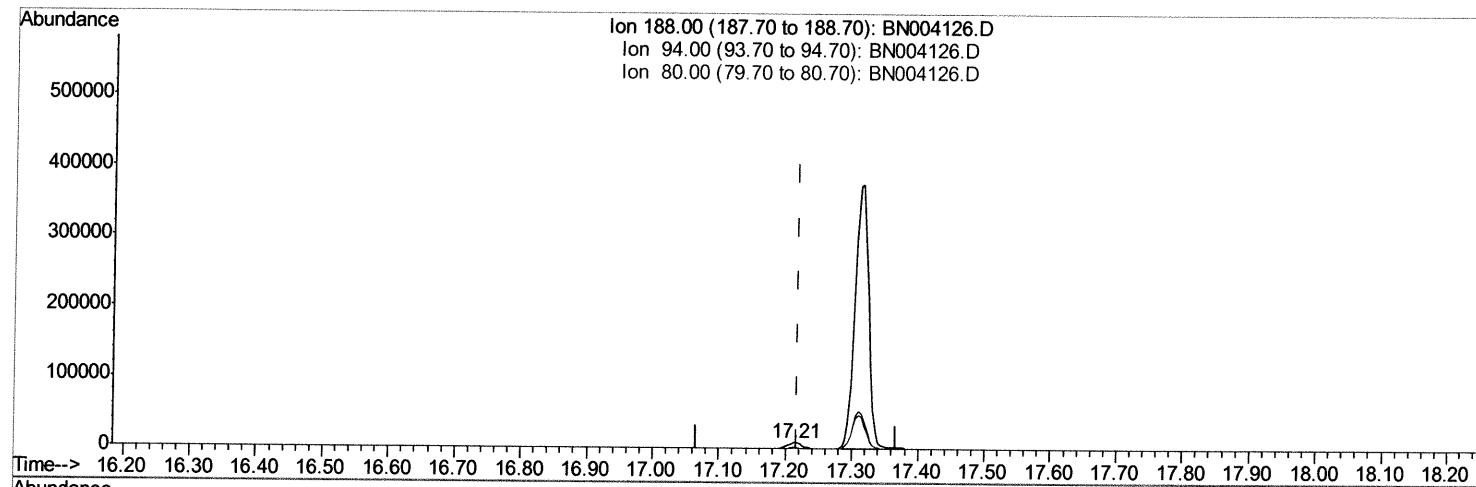
Data File : BN004126.D
Acq On : 19 Dec 2018 22:34
Operator : JU/SJ
Sample : J6299-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F20

Manual Integrations
APPROVED

Sohil
12/20/2018 2:03:38 PM

Quant Time: Dec 20 05:53:51 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 : Thu Dec 20 05:49:27 2018
Response via : Initial Calibration



TIC: BN004126.D

(10) Phenanthrene-d10 (I)

17.213min (-0.004) 0.40ng/ul m

response 11744

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	12.68#
80.00	11.60	14.42#
0.00	0.00	0.00

> SJ
12/20/18

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121918\
Quantitation Report (Qedit)

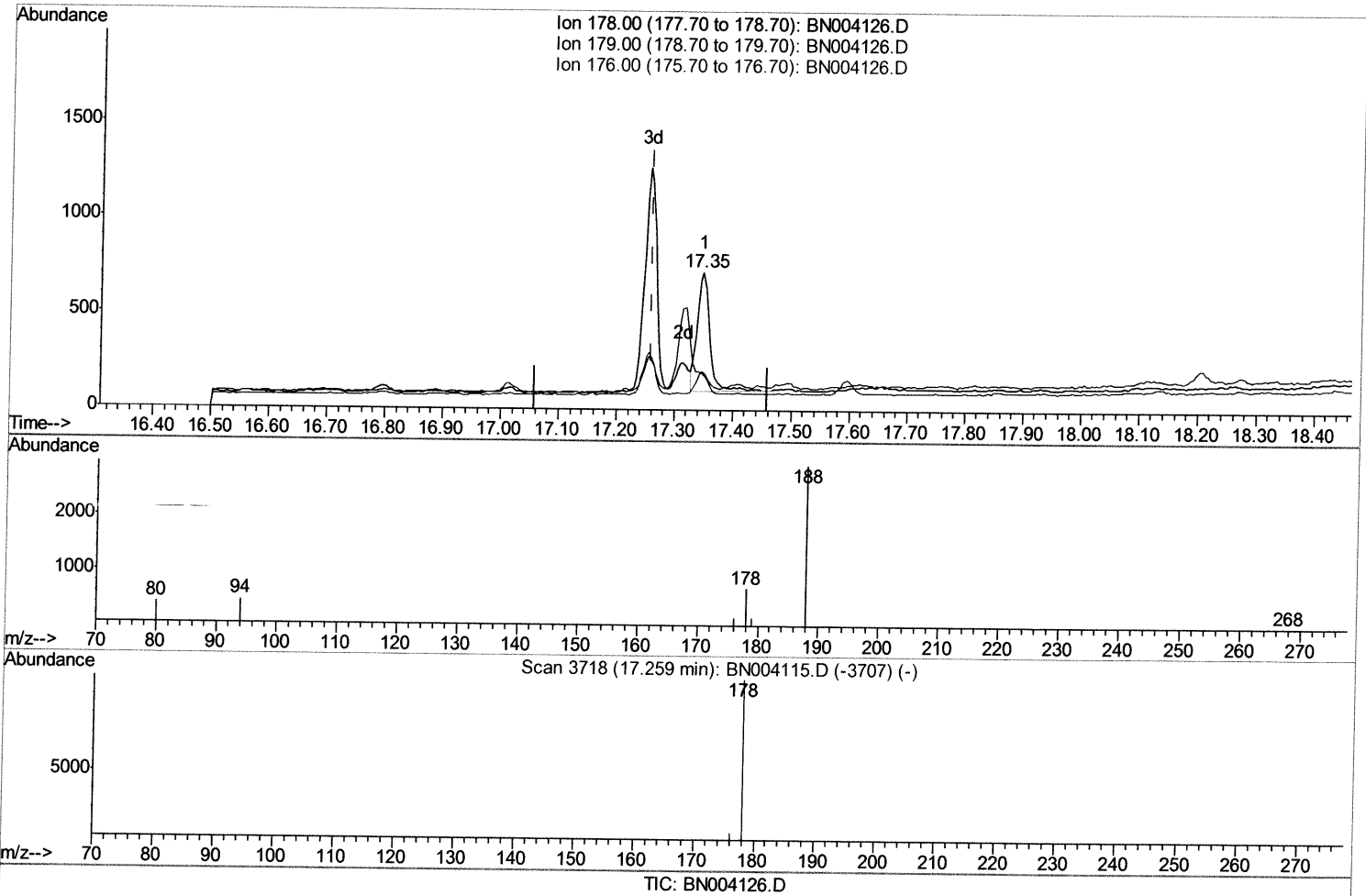
Data File : BN004126.D
Acq On : 19 Dec 2018 22:34
Operator : JU/SJ
Sample : J6299-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F20

Manual Integrations
APPROVED

Sohil
12/20/2018 2:03:38 PM

Quant Time: Dec 20 06:51:53 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 : Thu Dec 20 05:49:27 2018
Response via : Initial Calibration



(12) Phenanthrene

17.348min (+0.089) 0.02ng/ul

response 953

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	27.78#
176.00	18.70	26.81#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121918\
Quantitation Report (Qedit)

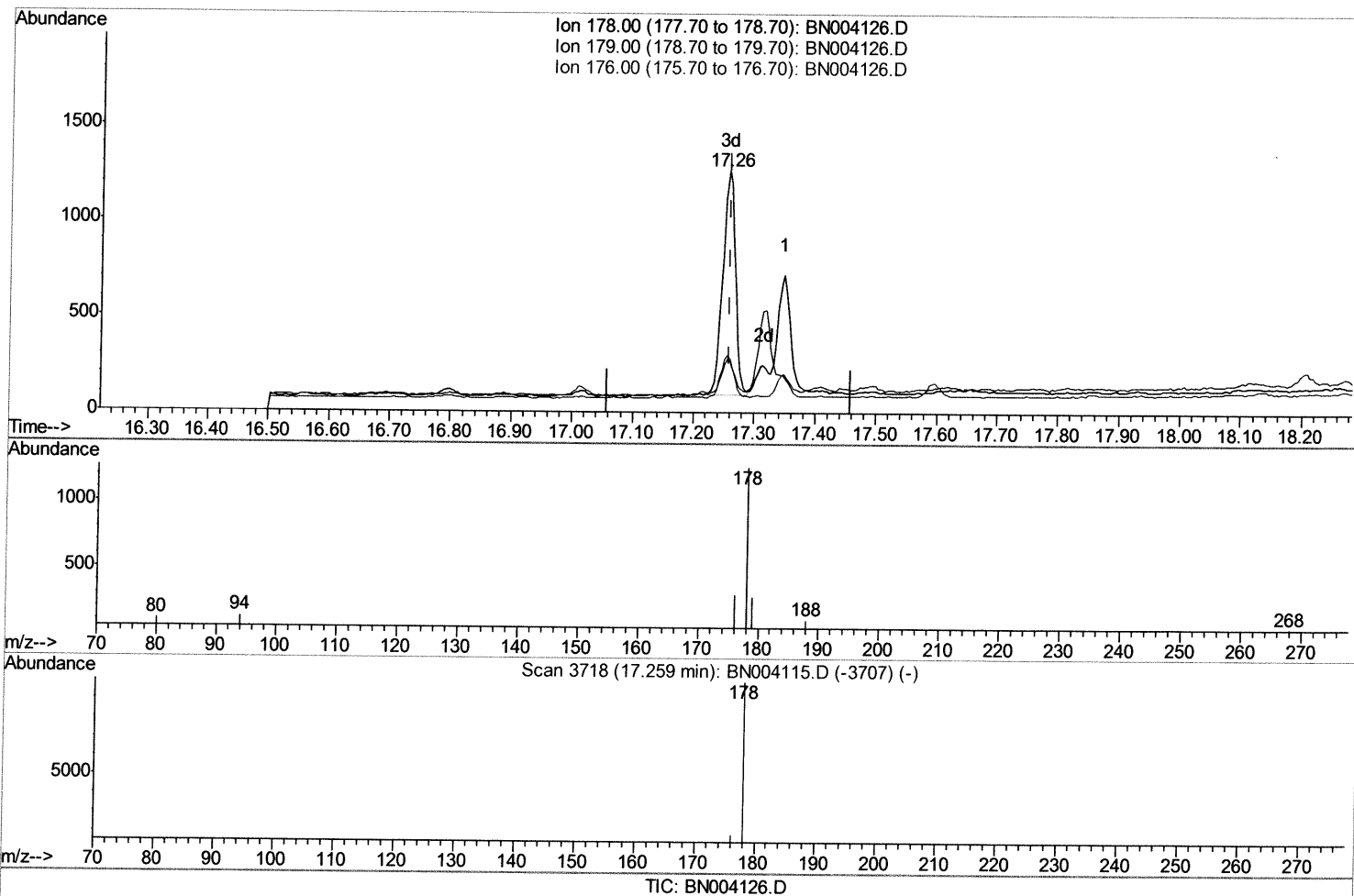
Data File : BN004126.D
Acq On : 19 Dec 2018 22:34
Operator : JU/SJ
Sample : J6299-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F20

Manual Integrations
APPROVED

Sohil
12/20/2018 2:03:38 PM

Quant Time: Dec 20 06:51:53 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 : Thu Dec 20 05:49:27 2018
Response via : Initial Calibration



(12) Phenanthrene

17.255min (-0.004) 0.04ng/ul m

response 1672

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	22.42#
176.00	18.70	23.60#
0.00	0.00	0.00

> SJ
12/20/18

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121918\
Quantitation Report (Qedit)

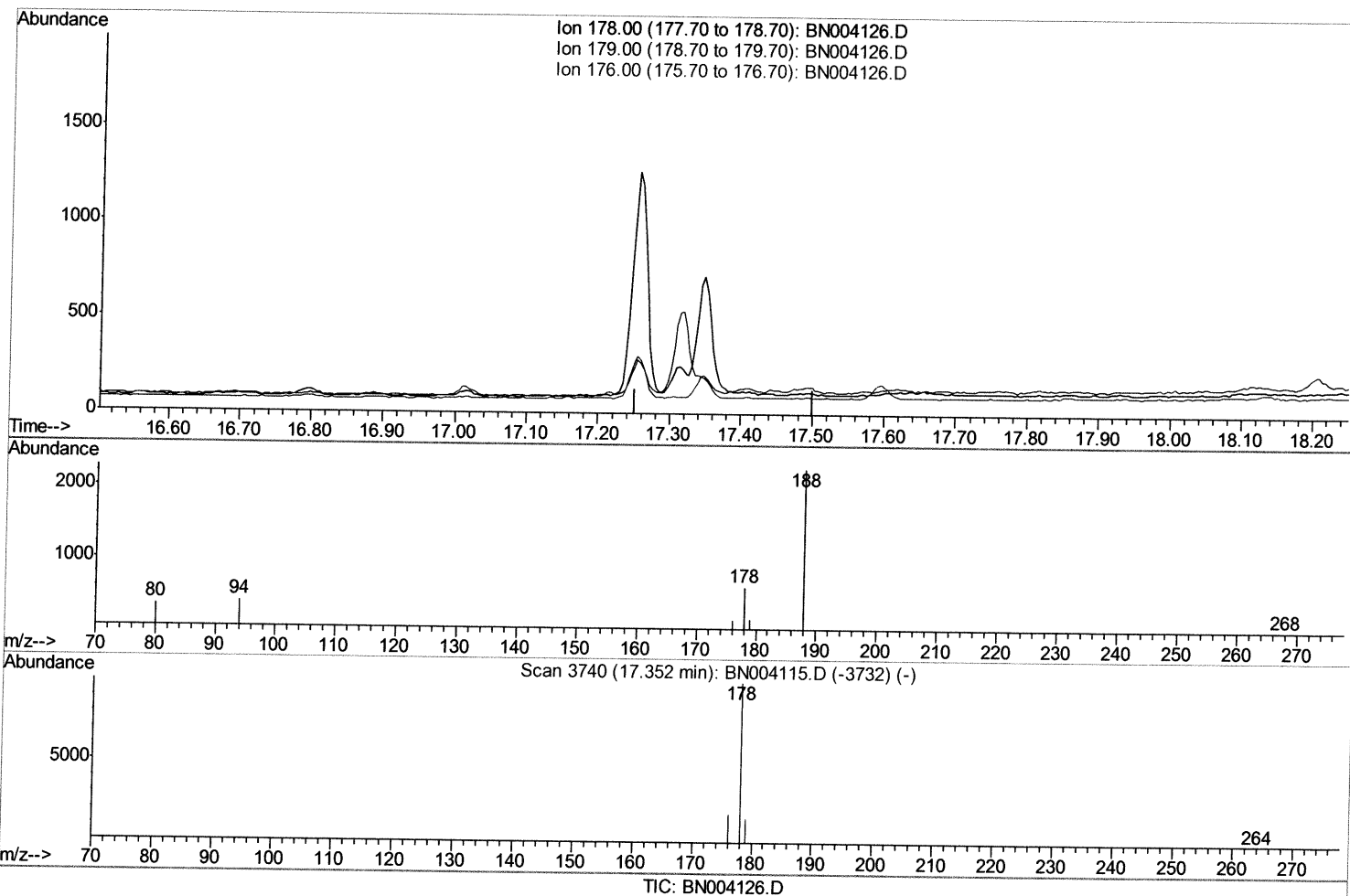
Data File : BN004126.D
Acq On : 19 Dec 2018 22:34
Operator : JU/SJ
Sample : J6299-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F20

Manual Integrations
APPROVED

Sohil
12/20/2018 2:03:38 PM

Quant Time: Dec 20 06:51:53 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 : Thu Dec 20 05:49:27 2018
Response via : Initial Calibration



(13) Anthracene

17.352min (-17.352) 0.00ng/ui

response 0

Ion	Exp%	Act%
178.00	100	0.00
179.00	15.40	0.00#
176.00	18.50	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121918\
Quantitation Report (Qedit)

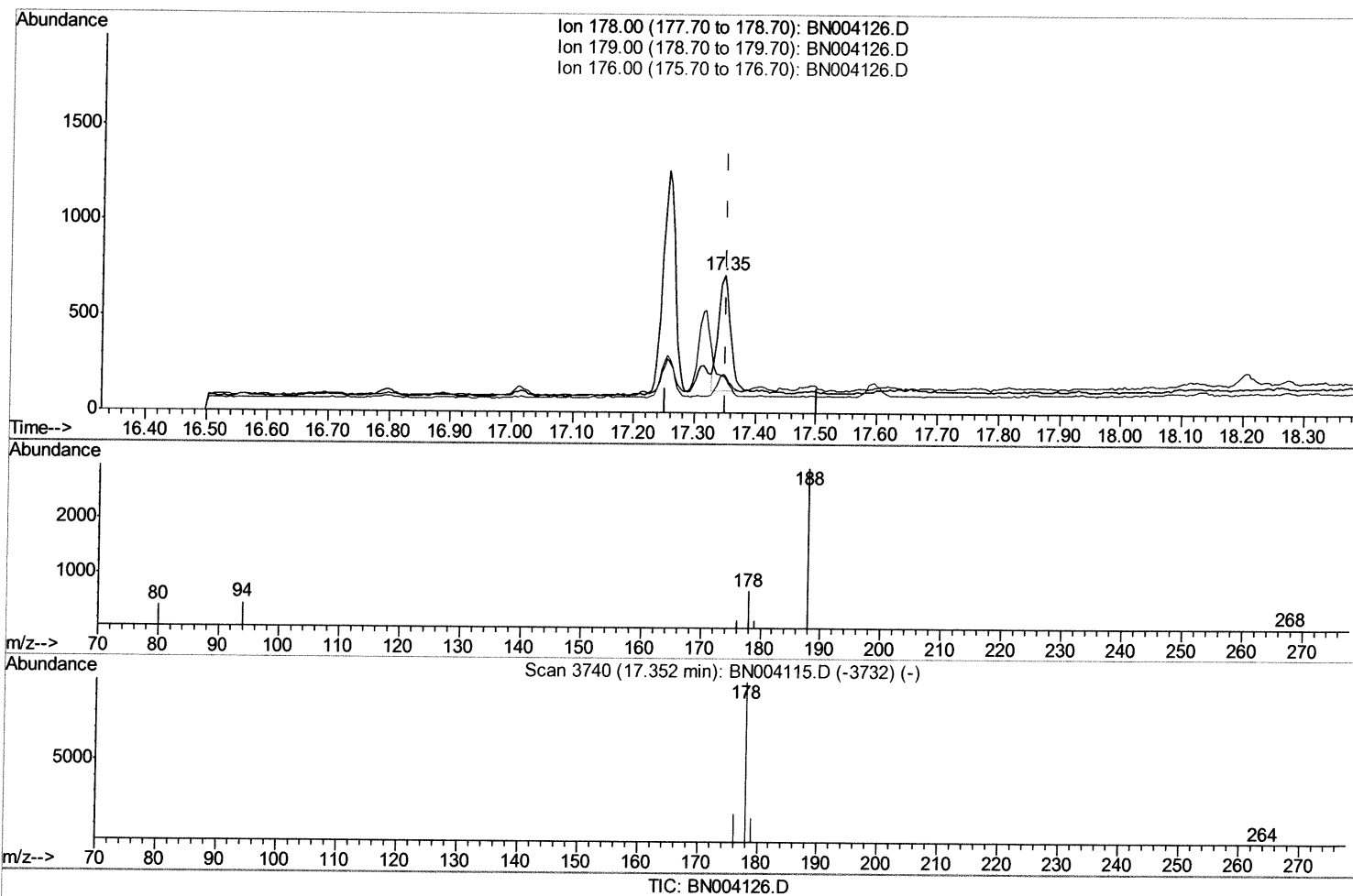
Data File : BN004126.D
Acq On : 19 Dec 2018 22:34
Operator : JU/SJ
Sample : J6299-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F20

Manual Integrations
APPROVED

Sohil
12/20/2018 2:03:38 PM

Quant Time: Dec 20 06:51:53 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 : Thu Dec 20 05:49:27 2018
Response via : Initial Calibration



(13) Anthracene

17.348min (-0.004) 0.03ng/ul m

response 852

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	27.78#
176.00	18.50	26.81#
0.00	0.00	0.00

> SJ
12/20/18

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121918\
Quantitation Report (Qedit)

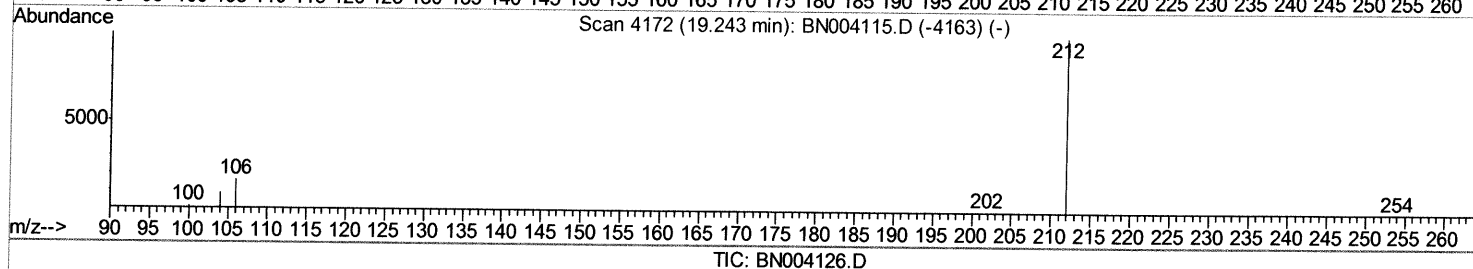
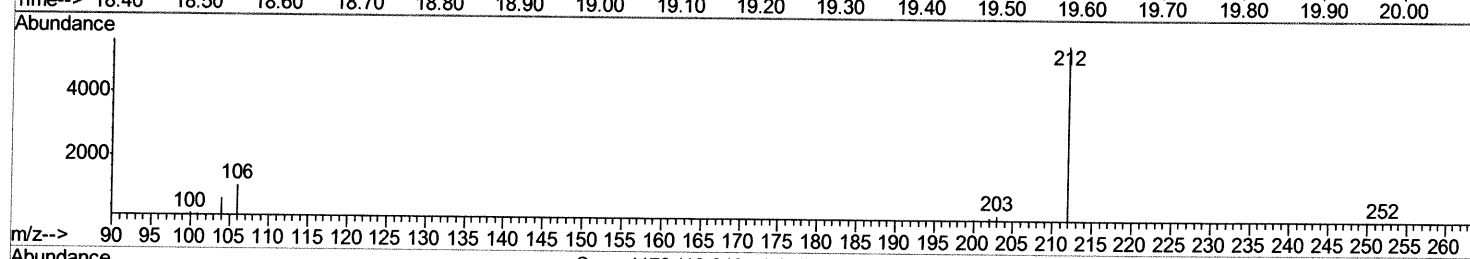
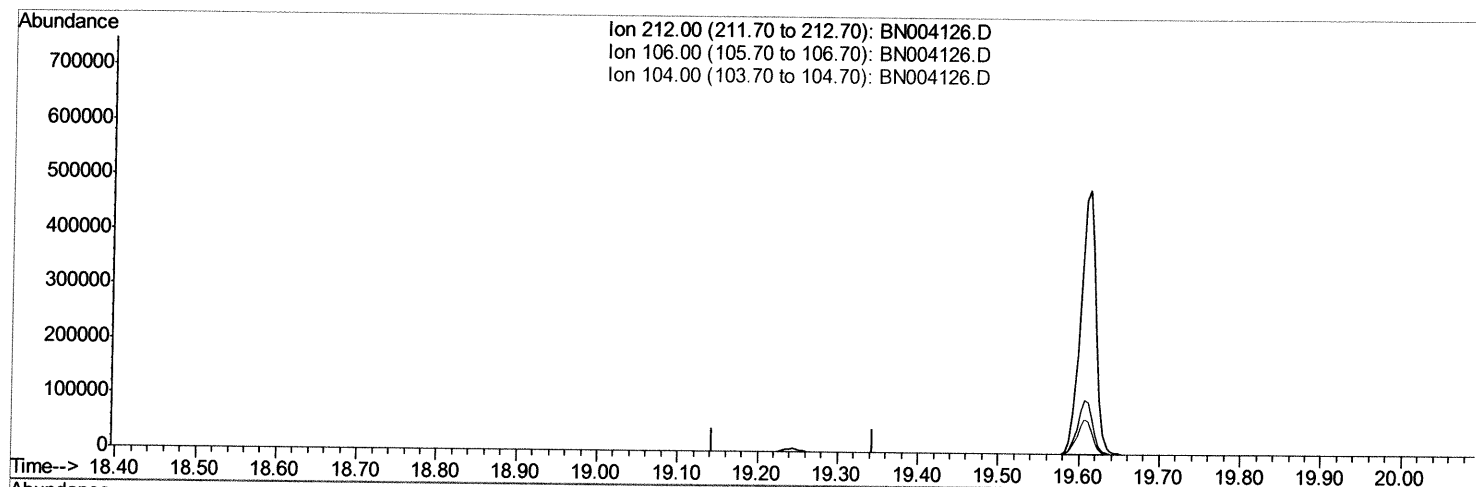
Data File : BN004126.D
Acq On : 19 Dec 2018 22:34
Operator : JU/SJ
Sample : J6299-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F20

Manual Integrations
APPROVED

Sohil
12/20/2018 2:03:38 PM

Quant Time: Dec 20 06:51:53 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 : Thu Dec 20 05:49:27 2018
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.243min (-19.243) 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\BN121918\
Quantitation Report (Qedit)

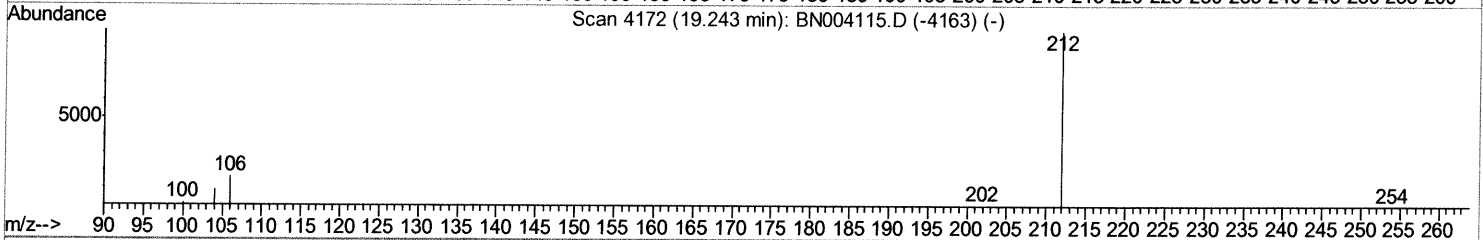
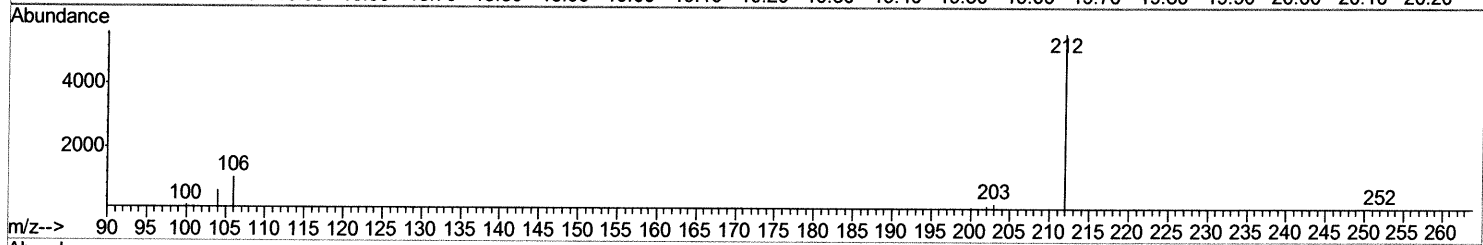
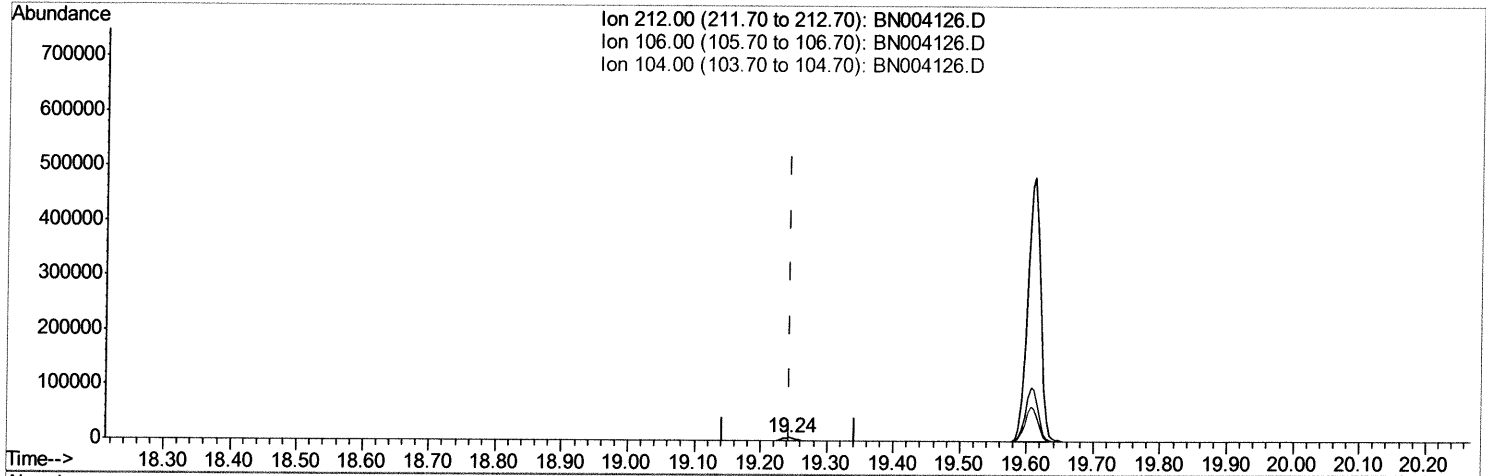
Data File : BN004126.D
Acq On : 19 Dec 2018 22:34
Operator : JU/SJ
Sample : J6299-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F20

Manual Integrations
APPROVED

Sohil
12/20/2018 2:03:38 PM

Quant Time: Dec 20 06:51:53 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 : Thu Dec 20 05:49:27 2018
Response via : Initial Calibration



TIC: BN004126.D

(14) Fluoranthene-d10 (SURR)

19.244min (+0.000) 0.22ng/ul m

response 7655

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

> SJ
12/20/18

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121918\
Quantitation Report (Qedit)

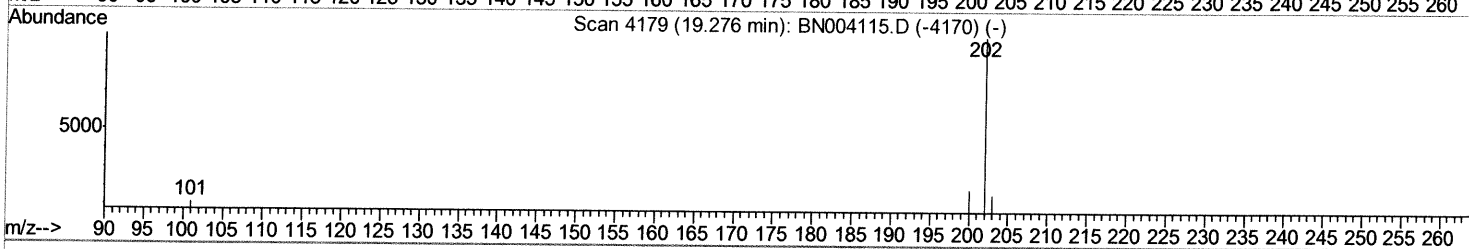
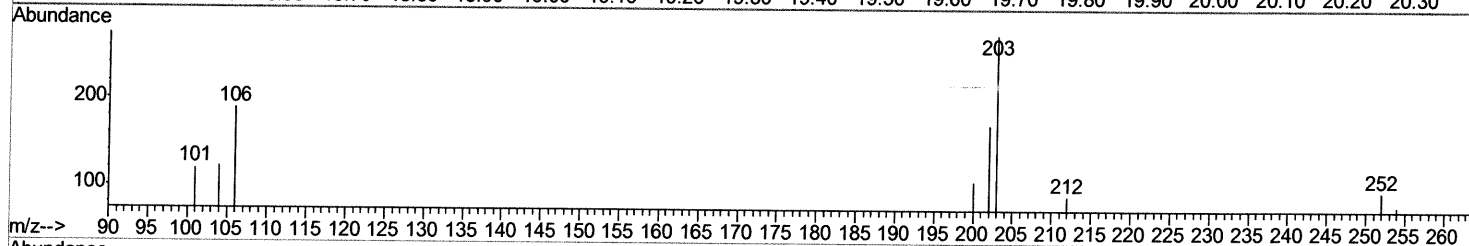
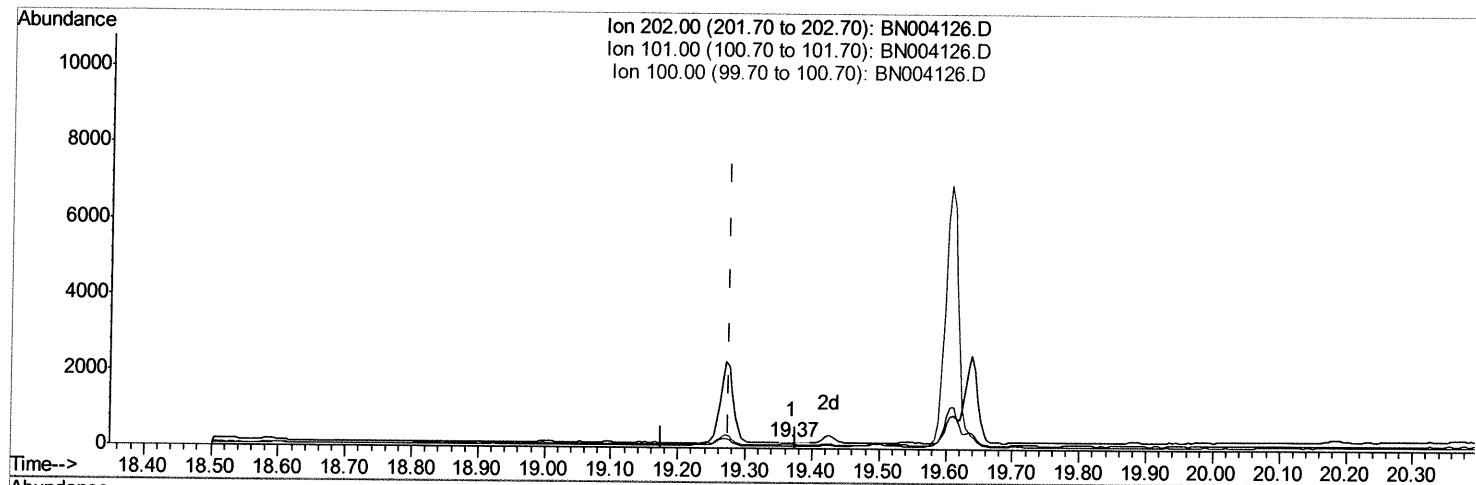
Data File : BN004126.D
Acq On : 19 Dec 2018 22:34
Operator : JU/SJ
Sample : J6299-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F20

Manual Integrations
APPROVED

Sohil
12/20/2018 2:03:38 PM

Quant Time: Dec 20 06:51:53 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 : Thu Dec 20 05:49:27 2018
Response via : Initial Calibration



TIC: BN004126.D

(15) Fluoranthene (C)

19.369min (+0.093) 0.00ng/ul

response 33

Ion	Exp%	Act%
202.00	100	100
101.00	10.70	69.59#
100.00	8.10	42.69#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121918\
Quantitation Report (Qedit)

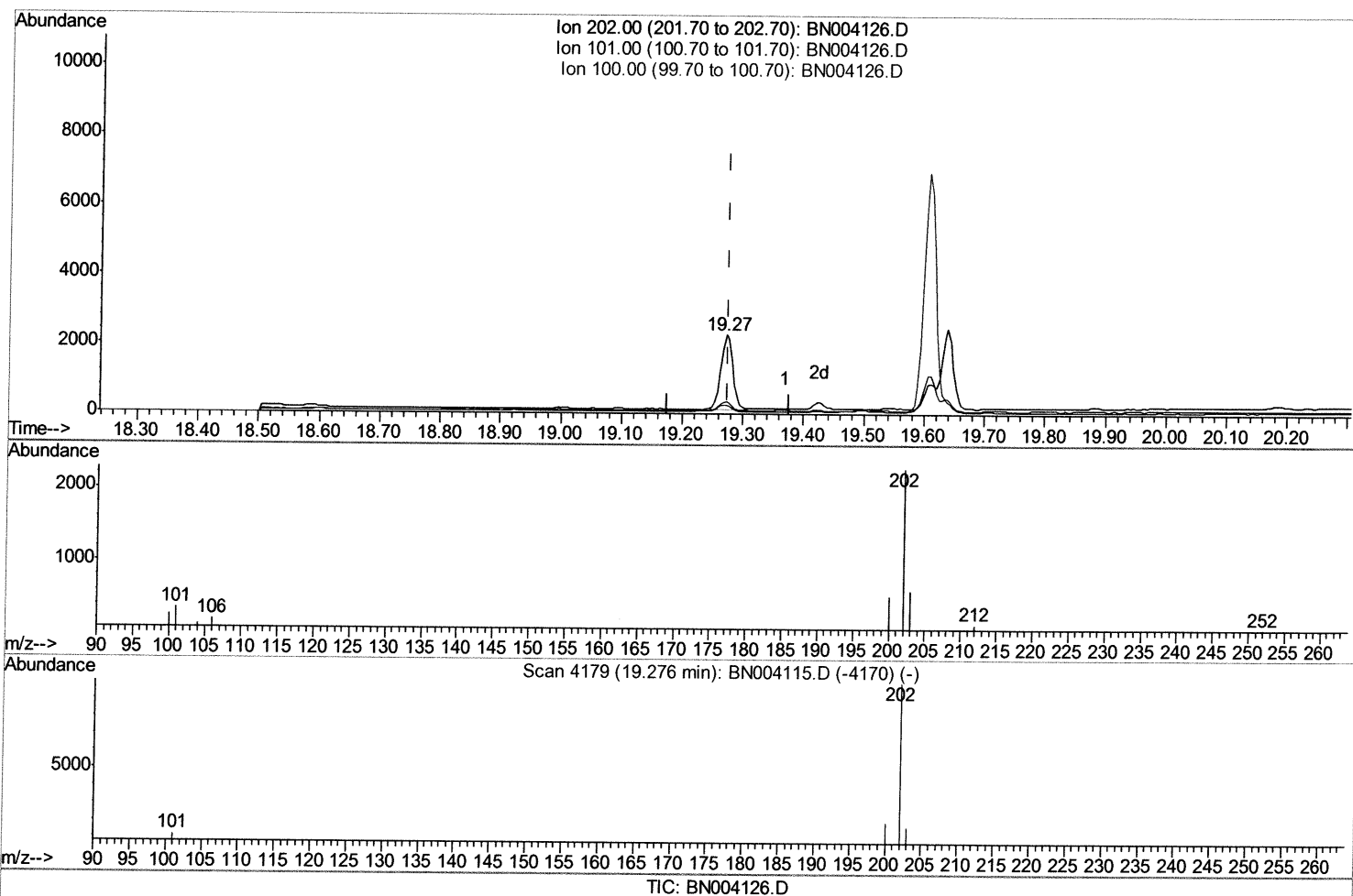
Data File : BN004126.D
Acq On : 19 Dec 2018 22:34
Operator : JU/SJ
Sample : J6299-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F20

Manual Integrations
APPROVED

Sohil
12/20/2018 2:03:38 PM

Quant Time: Dec 20 06:51:53 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 : Thu Dec 20 05:49:27 2018
Response via : Initial Calibration



(15) Fluoranthene (C)

19.272min (-0.004) 0.06ng/ul m

response 2866

Ion	Exp%	Act%
202.00	100	100
101.00	10.70	15.41
100.00	8.10	11.81
0.00	0.00	0.00

> $\frac{53}{12/20/18}$

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121918\
Quantitation Report (Qedit)

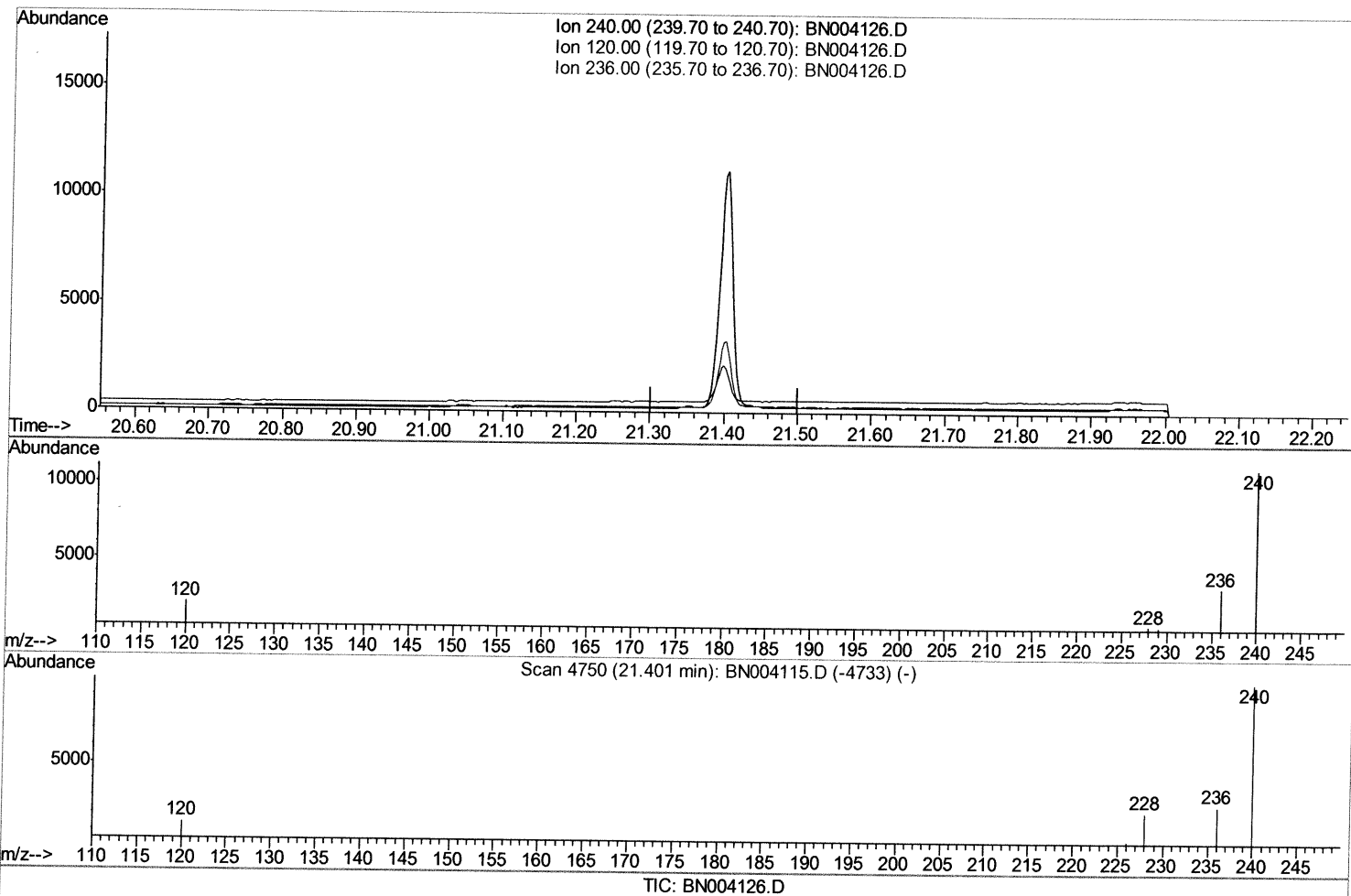
Data File : BN004126.D
Acq On : 19 Dec 2018 22:34
Operator : JU/SJ
Sample : J6299-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F20

Manual Integrations
APPROVED

Sohil
12/20/2018 2:03:38 PM

Quant Time: Dec 20 06:51:53 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 : Thu Dec 20 05:49:27 2018
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.401min (-21.401) 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\BN121918\
Quantitation Report (Qedit)

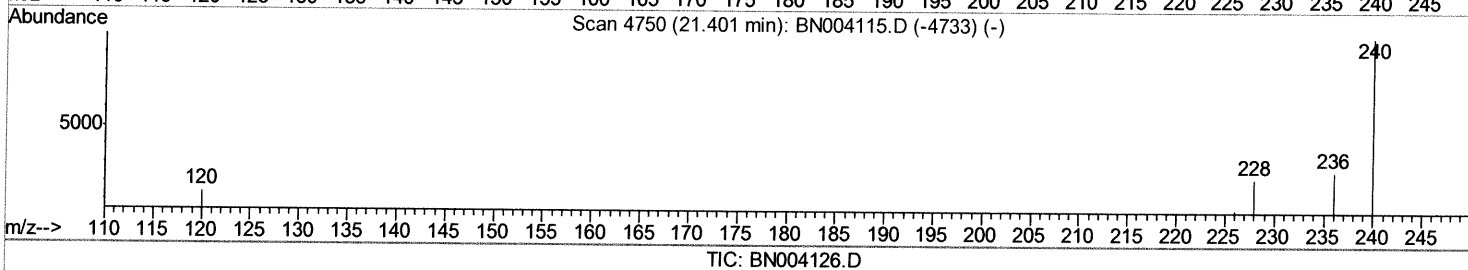
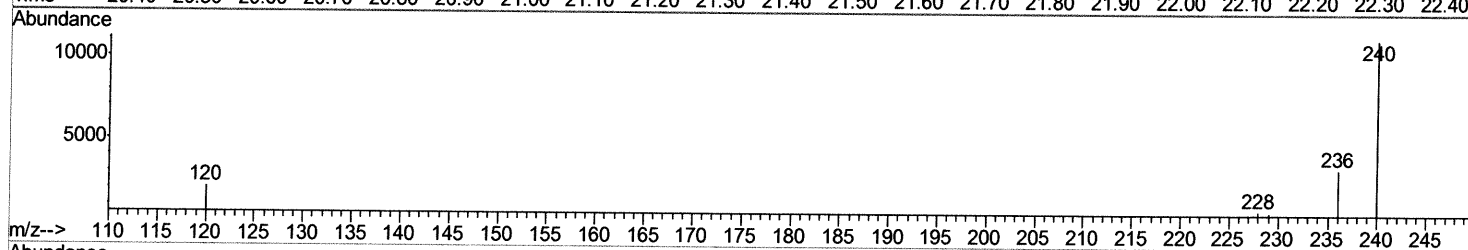
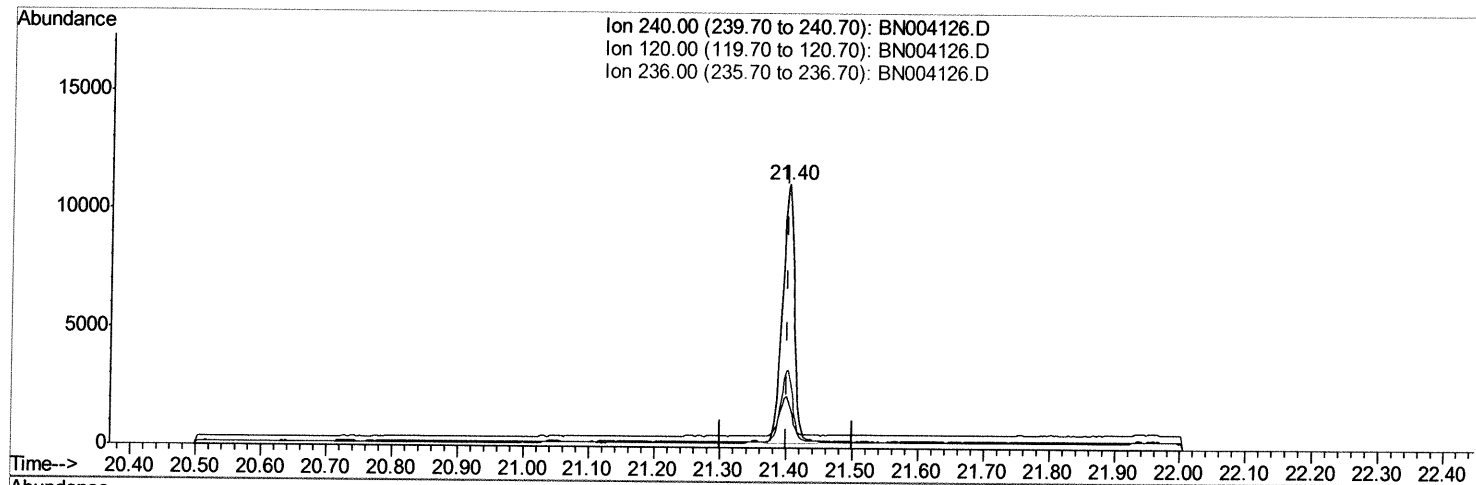
Data File : BN004126.D
Acq On : 19 Dec 2018 22:34
Operator : JU/SJ
Sample : J6299-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F20

Manual Integrations
APPROVED

Sohil
12/20/2018 2:03:38 PM

Quant Time: Dec 20 06:51:53 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 : Thu Dec 20 05:49:27 2018
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.403min (+0.001) 0.40ng/ul m

response 13803

Ion	Exp%	Act%
240.00	100	100
120.00	14.00	18.33#
236.00	27.60	29.38
0.00	0.00	0.00

> SJ
12/20/18

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121918\
Quantitation Report (Qedit)

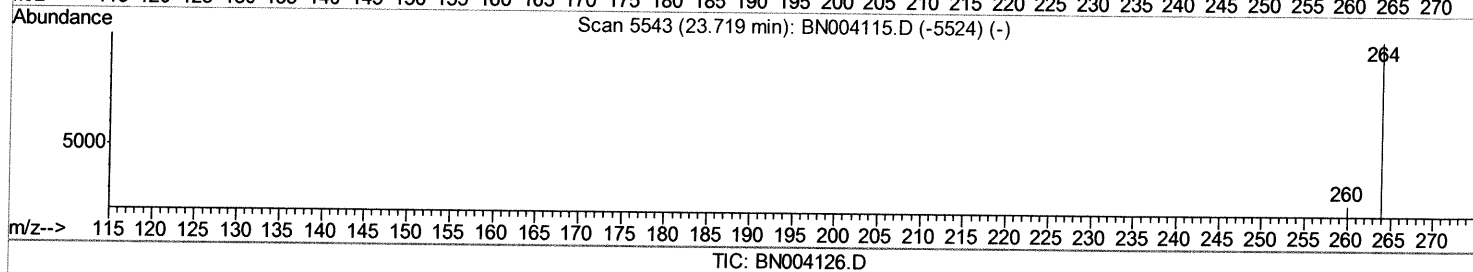
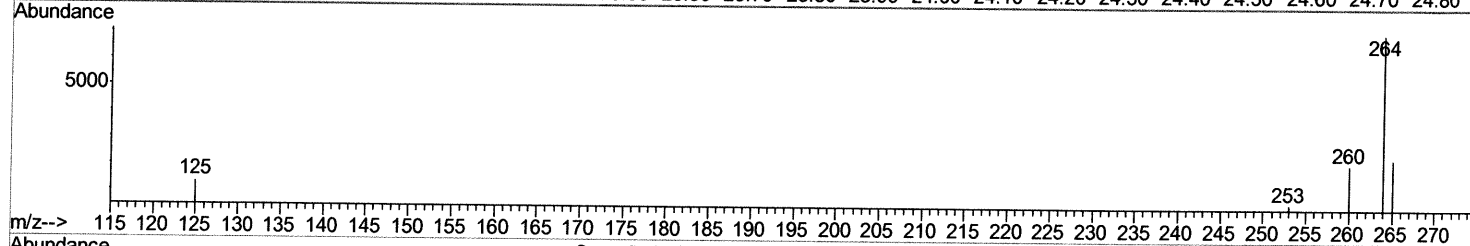
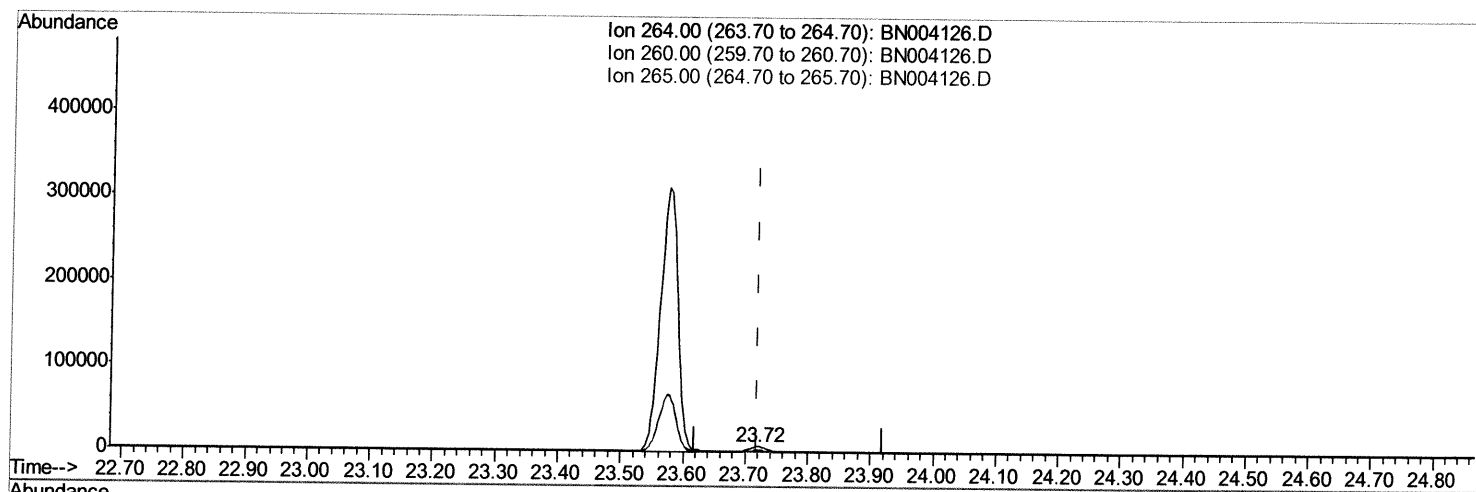
Data File : BN004126.D
Acq On : 19 Dec 2018 22:34
Operator : JU/SJ
Sample : J6299-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
F9F20

Manual Integrations
APPROVED

Sohil
12/20/2018 2:03:38 PM

Quant Time: Dec 20 06:53:34 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 : Thu Dec 20 05:49:27 2018
Response via : Initial Calibration



(20) Perylene-d12 (I)

23.721min (+0.001) 0.40ng/ul

response 13913

Ion	Exp%	Act%
264.00	100	100
260.00	26.20	29.85
265.00	33.50	33.65
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121918\
Quantitation Report (Qedit)

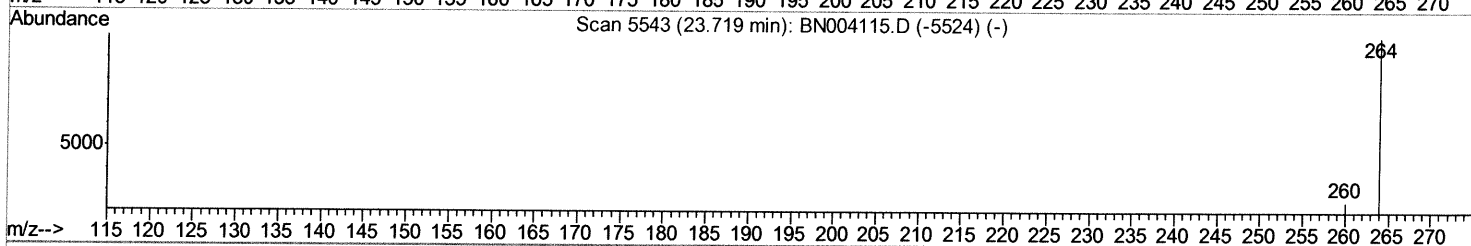
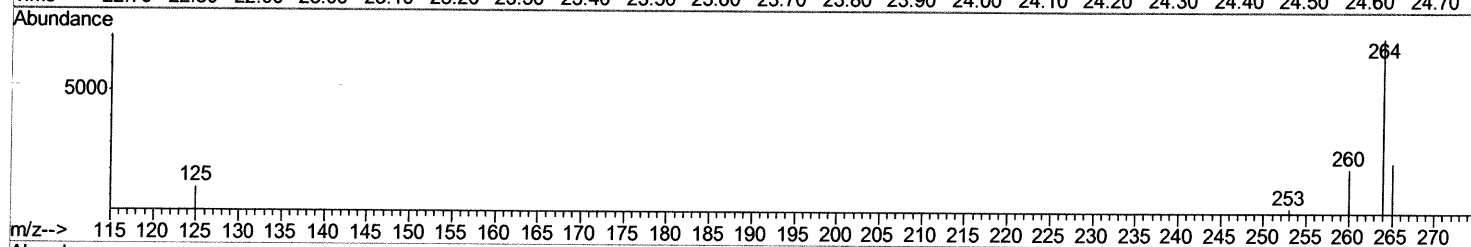
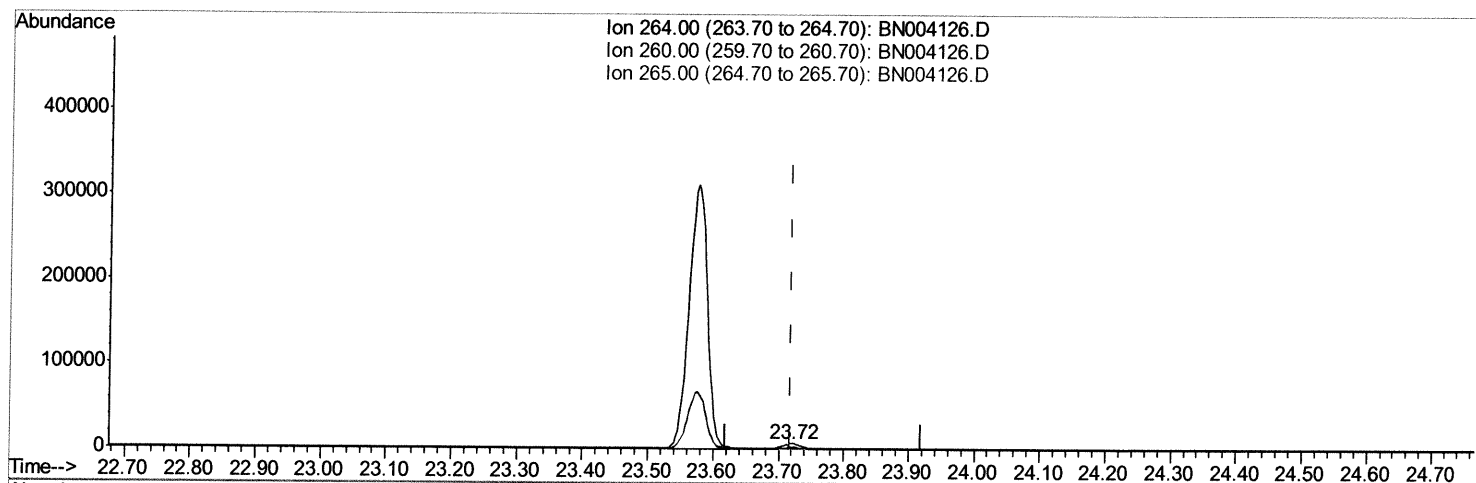
Data File : BN004126.D
Acq On : 19 Dec 2018 22:34
Operator : JU/SJ
Sample : J6299-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
F9F20

Manual Integrations
APPROVED

Sohil
12/20/2018 2:03:38 PM

Quant Time: Dec 20 06:53:34 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 : Thu Dec 20 05:49:27 2018
Response via : Initial Calibration



TIC: BN004126.D

(20) Perylene-d12 (I)

23.721min (+0.001) 0.40ng/ul m

response 12528

Ion	Exp%	Act%
264.00	100	100
260.00	26.20	29.85
265.00	33.50	33.65
0.00	0.00	0.00

> $\frac{57}{12/20/18}$

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121918\
Quantitation Report (Qedit)

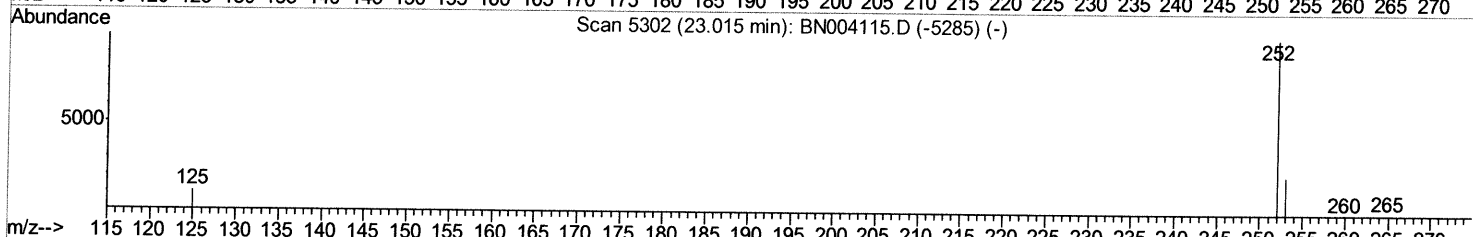
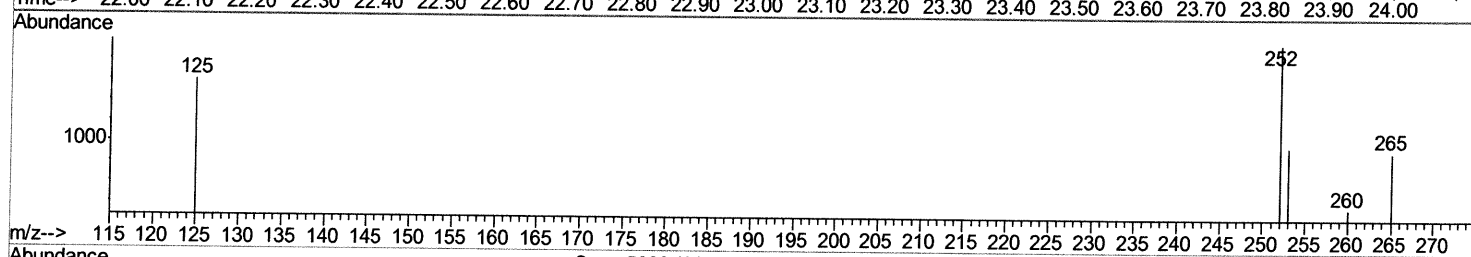
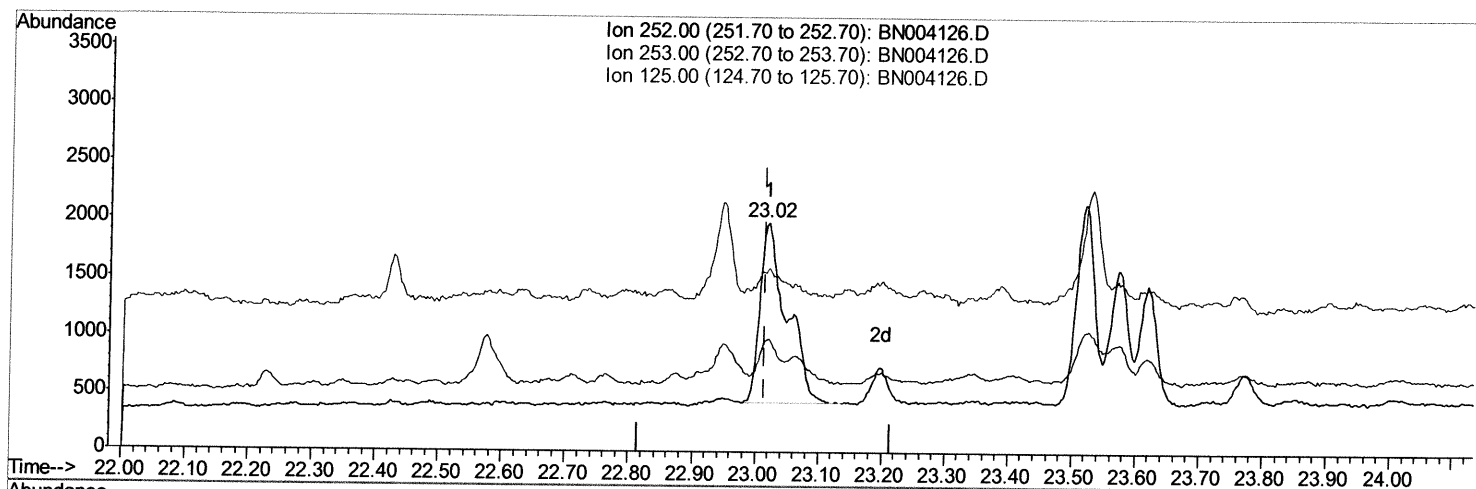
Data File : BN004126.D
Acq On : 19 Dec 2018 22:34
Operator : JU/SJ
Sample : J6299-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F20

Manual Integrations
APPROVED

Sohil
12/20/2018 2:03:38 PM

Quant Time: Dec 20 06:54:00 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 : Thu Dec 20 05:49:27 2018
Response via : Initial Calibration



TIC: BN004126.D

(21) Benzo(b)fluoranthene

23.019min (+0.004) 0.09ng/ul

response 4607

Ion	Exp%	Act%
252.00	100	100
253.00	23.00	49.34#
125.00	11.20	80.29#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121918\
Quantitation Report (Qedit)

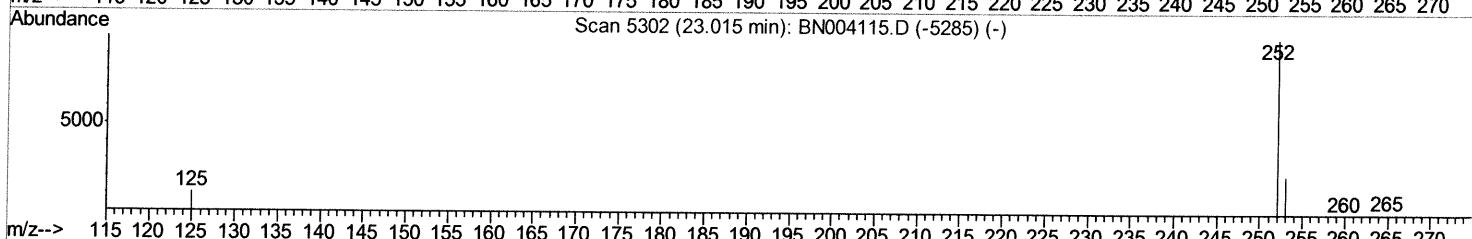
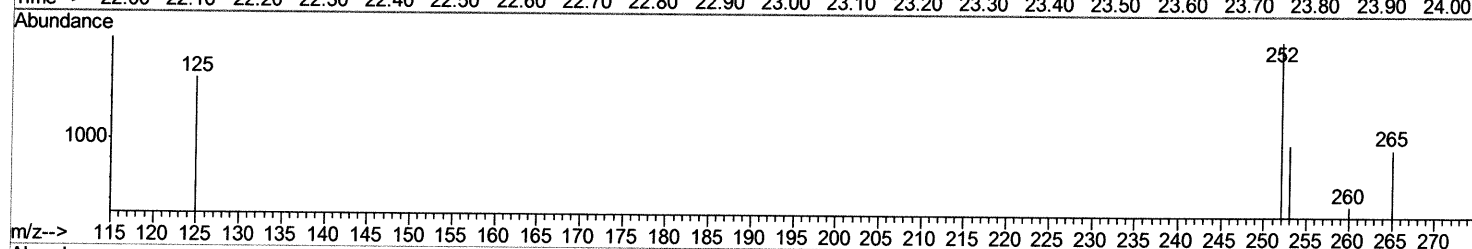
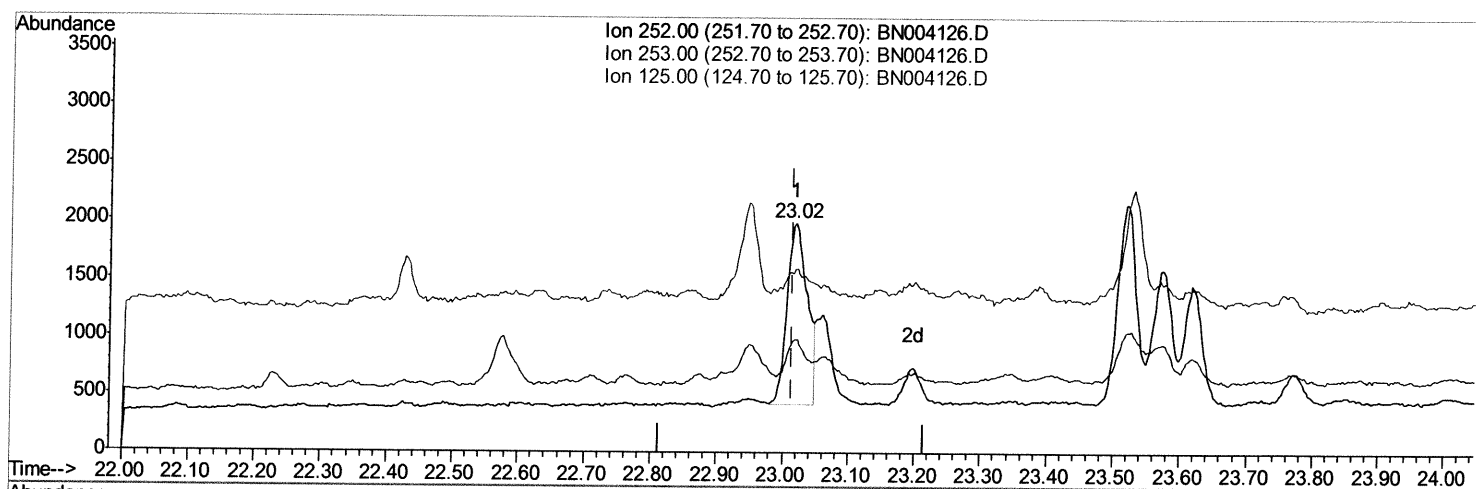
Data File : BN004126.D
Acq On : 19 Dec 2018 22:34
Operator : JU/SJ
Sample : J6299-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F20

Manual Integrations
APPROVED

Sohil
12/20/2018 2:03:38 PM

Quant Time: Dec 20 06:54:00 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 : Thu Dec 20 05:49:27 2018
Response via : Initial Calibration



TIC: BN004126.D

(21) Benzo(b)fluoranthene

23.019min (+0.004) 0.07ng/ul m

response 3370

Ion Exp% Act%

252.00 100 100

253.00 23.00 49.34#

125.00 11.20 80.29#

0.00 0.00 0.00

> SJ
12/20/18

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121918\
Quantitation Report (Qedit)

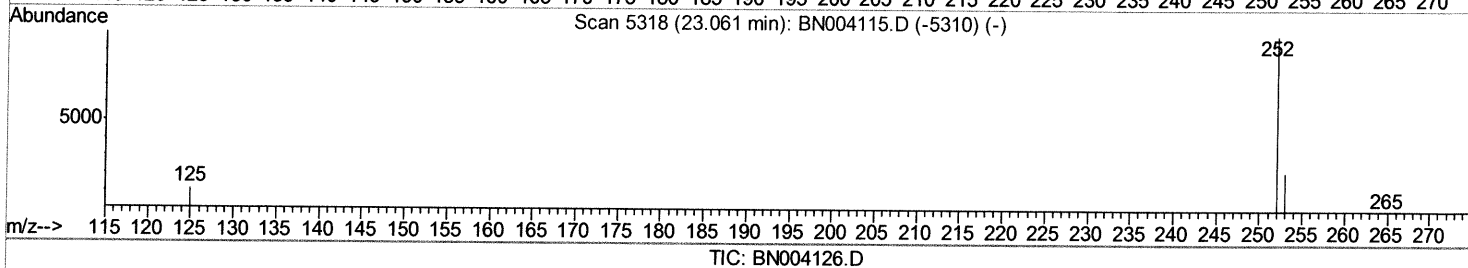
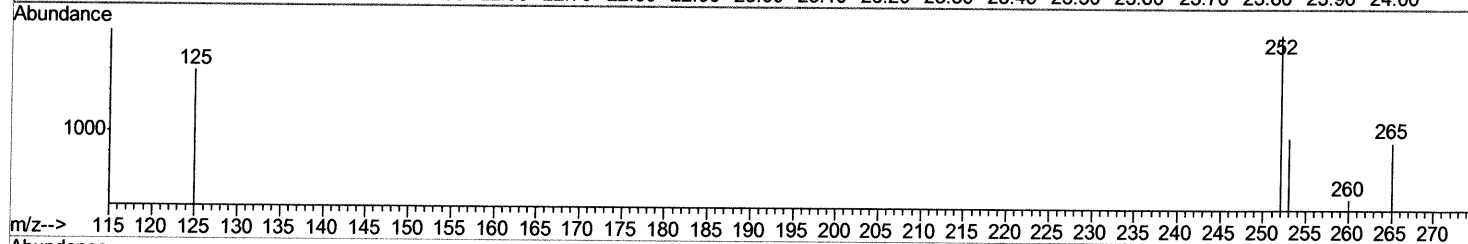
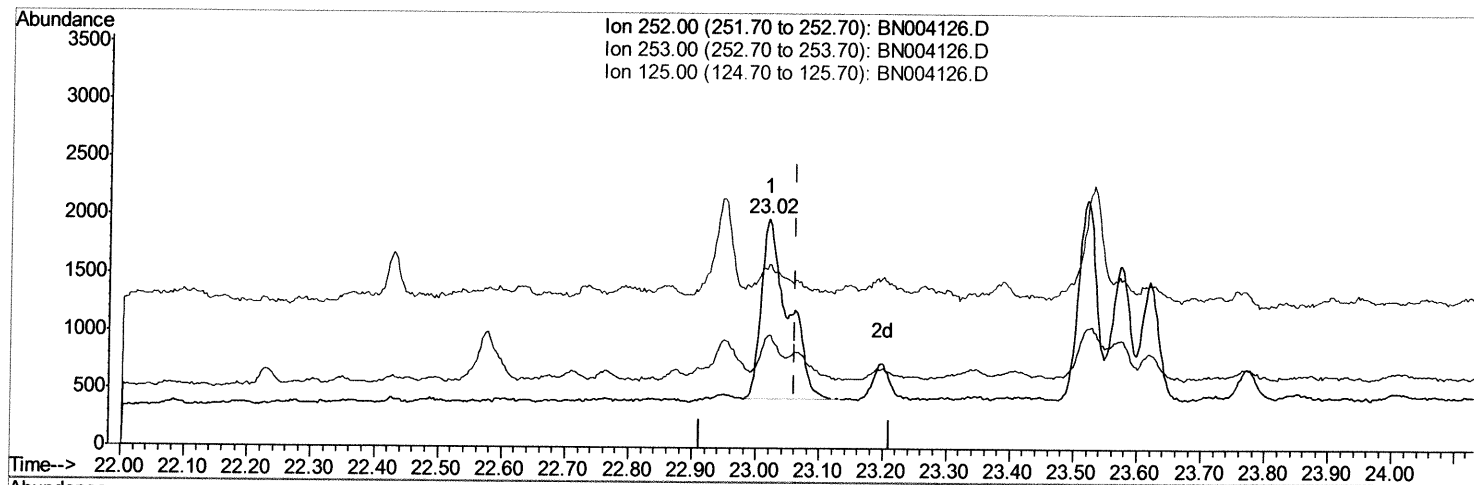
Data File : BN004126.D
Acq On : 19 Dec 2018 22:34
Operator : JU/SJ
Sample : J6299-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F20

Manual Integrations
APPROVED

Sohil
12/20/2018 2:03:38 PM

Quant Time: Dec 20 06:54:00 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 : Thu Dec 20 05:49:27 2018
Response via : Initial Calibration



(22) Benzo(k)fluoranthene
23.019min (-0.042) 0.09ng/ul
response 4616

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	49.34#
125.00	11.30	80.29#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121918\
Quantitation Report (Qedit)

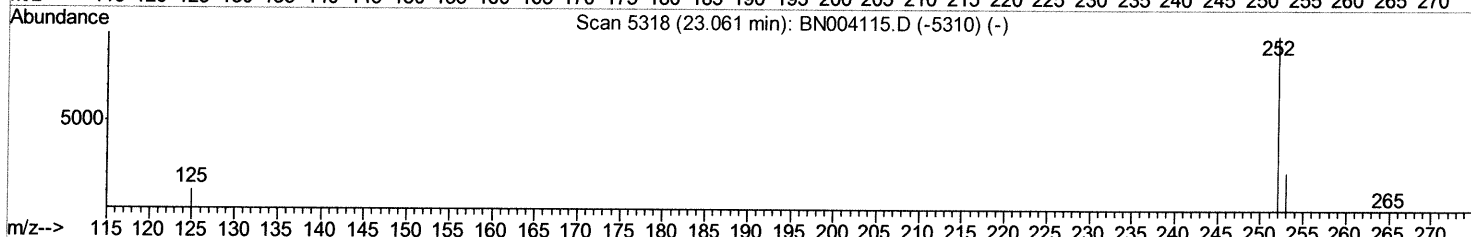
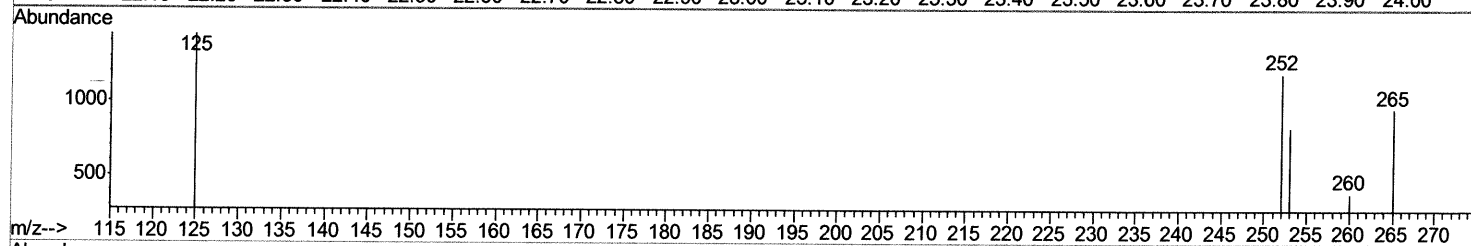
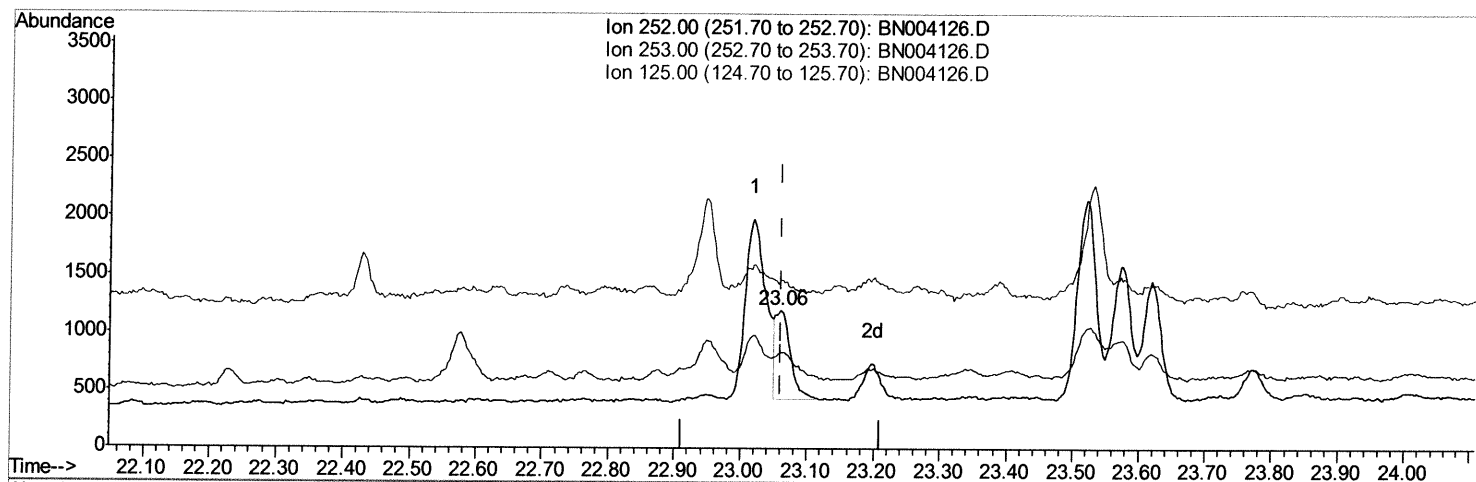
Data File : BN004126.D
Acq On : 19 Dec 2018 22:34
Operator : JU/SJ
Sample : J6299-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F20

Manual Integrations
APPROVED

Sohil
12/20/2018 2:03:38 PM

Quant Time: Dec 20 06:54:00 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 : Thu Dec 20 05:49:27 2018
Response via : Initial Calibration



TIC: BN004126.D

(22) Benzo(k)fluoranthene

23.060min (-0.001) 0.02ng/ul m

response 1236

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	69.43#
125.00	11.30	121.44#
0.00	0.00	0.00

> SJ
12/20/18

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121918\
Quantitation Report (QT Reviewed)

Data File : BN004126.D
Acq On : 19 Dec 2018 22:34
Operator : JU/SJ
Sample : J6299-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F20

Manual Integrations
APPROVED

Sohil
12/20/2018 2:03:38 PM

Quant Time: Dec 20 06:54:44 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 : Thu Dec 20 05:49:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	1413	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	7160	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	4385	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	11744m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	13803m	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	12528m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	2119	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	7655m	0.22	ng/ul	0.00
Target Compounds						
7) Acenaphthylene	14.19	152	729	0.037	ng/ul#	77
12) Phenanthrene	17.26	178	1672m	0.043	ng/ul	
13) Anthracene	17.35	178	852m	0.027	ng/ul	
15) Fluoranthene	19.27	202	2866m	0.063	ng/ul	
17) Pyrene	19.64	202	2954	0.060	ng/ul#	88
18) Benzo(a)anthracene	21.38	228	2287	0.052	ng/ul#	63
19) Chrysene	21.44	228	3153	0.063	ng/ul#	70
21) Benzo(b)fluoranthene	23.02	252	3370m	0.065	ng/ul	
22) Benzo(k)fluoranthene	23.06	252	1236m	0.024	ng/ul	
23) Benzo(a)pyrene	23.62	252	1880	0.042	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.08	276	1773	0.034	ng/ul#	99
26) Benzo(g,h,i)perylene	26.82	276	2423	0.054	ng/ul#	44

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

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12/20/18