

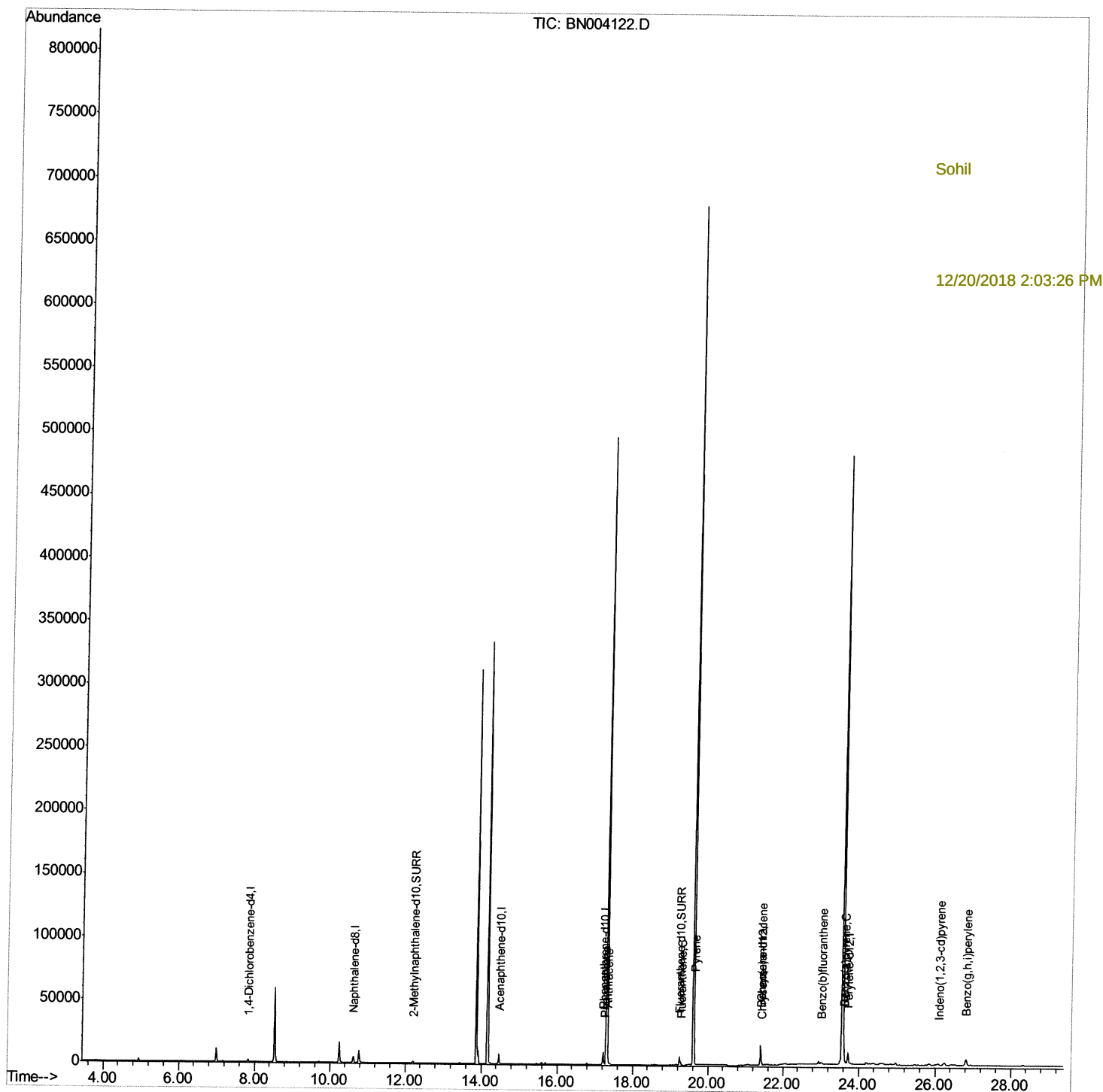
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121918\
Quantitation Report (QT Reviewed)

Data File : BN004122.D
Acq On : 19 Dec 2018 20:14
Operator : JU/SJ
Sample : J6297-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
F9E45

Manual Integrations
APPROVED

Quant Time: Dec 20 06:23:16 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



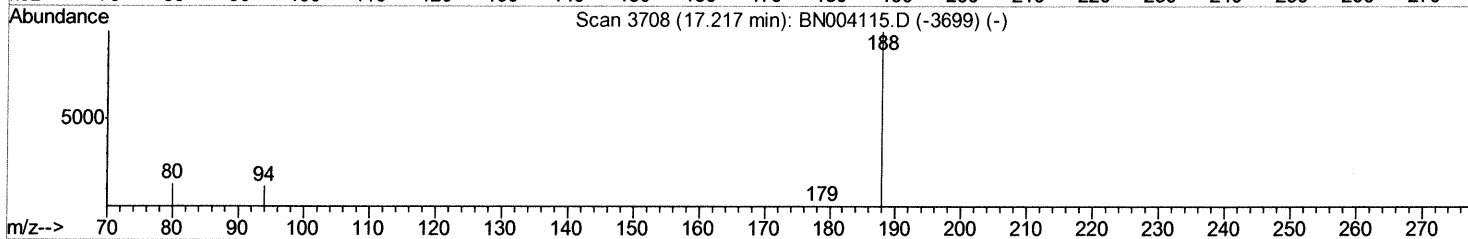
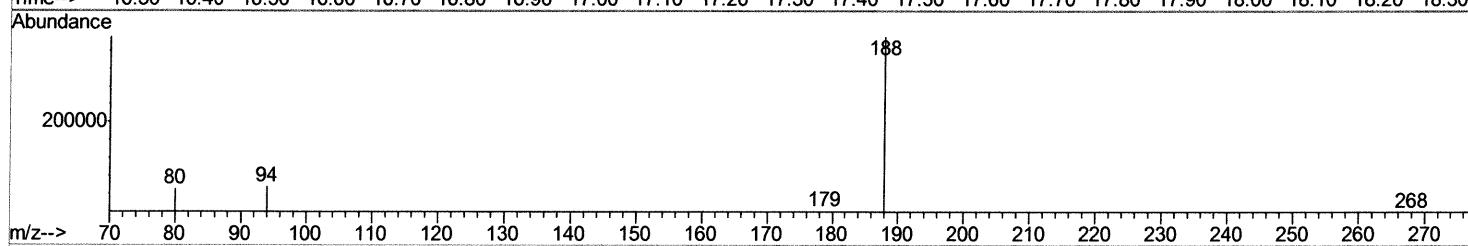
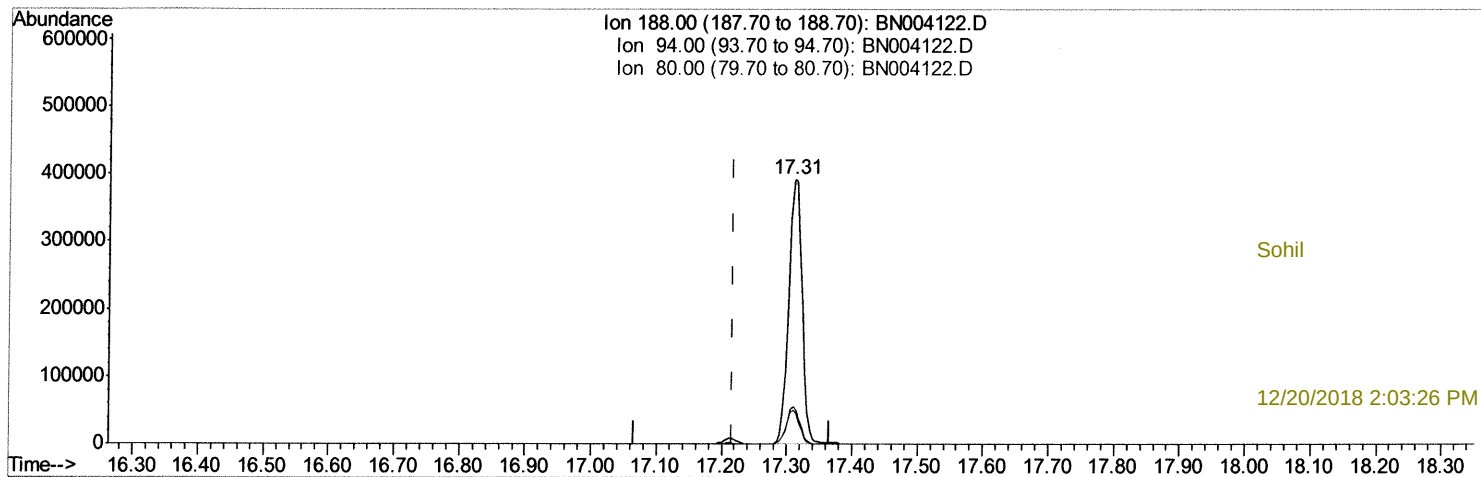
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121918\
Quantitation Report (Qedit)

Data File : BN004122.D
Acq On : 19 Dec 2018 20:14
Operator : JU/SJ
Sample : J6297-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E45

Manual Integrations
APPROVED

Quant Time: Dec 20 05:53:23 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: BN004122.D

(10) Phenanthrene-d10 (I)
17.310min (+0.093) 0.40ng/ul
response 552147

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	14.07#
80.00	11.60	12.79
0.00	0.00	0.00

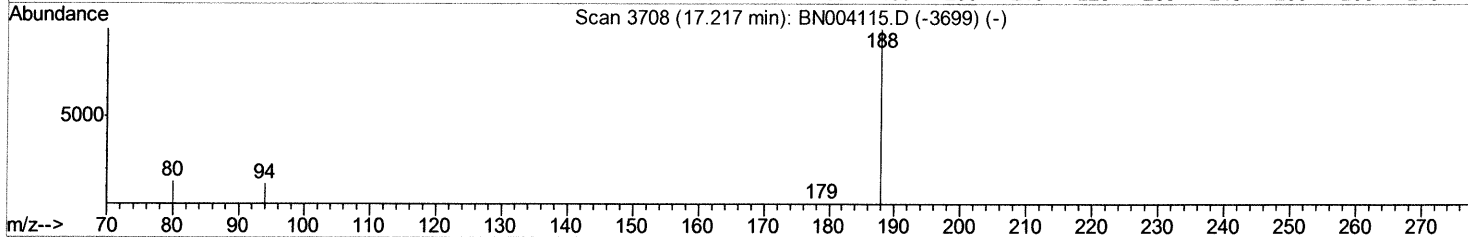
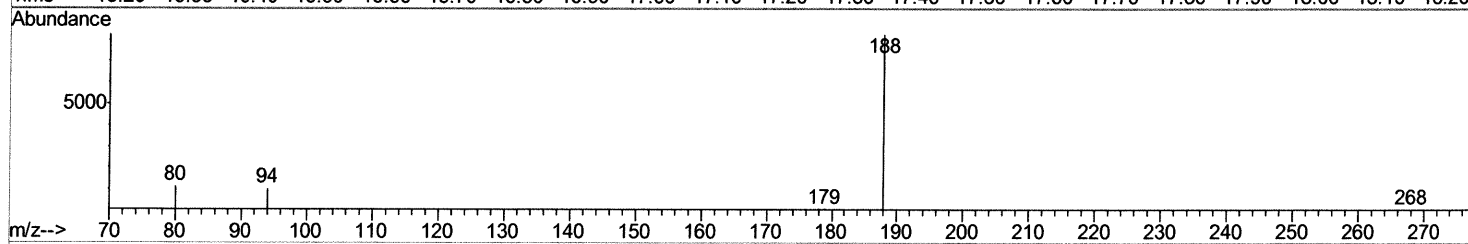
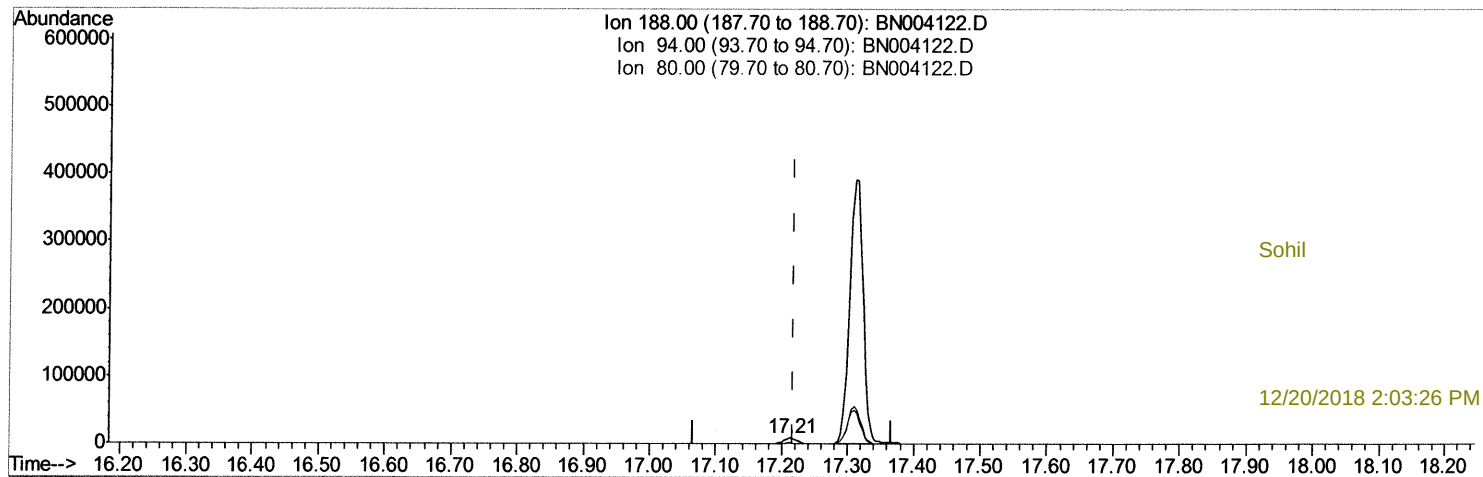
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121918\
Quantitation Report (Qedit)

Data File : BN004122.D
Acq On : 19 Dec 2018 20:14
Operator : JU/SJ
Sample : J6297-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
F9E45

Manual Integrations
APPROVED

Quant Time: Dec 20 05:53:23 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)

17.213min (-0.004) 0.40ng/ul m

response 11171

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	12.20
80.00	11.60	13.72
0.00	0.00	0.00

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

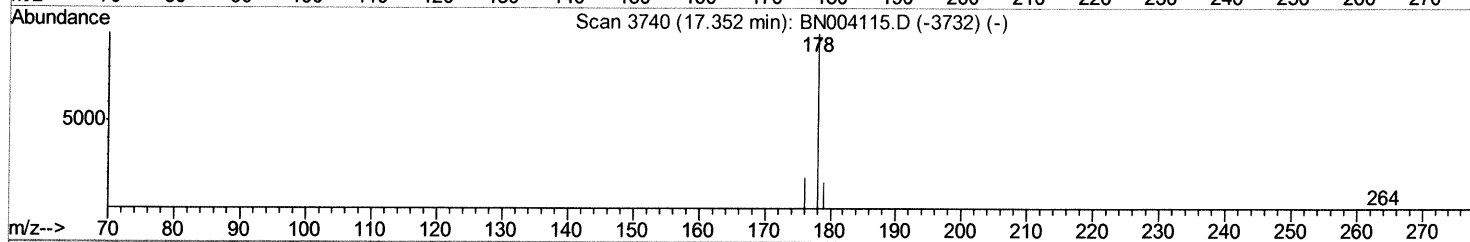
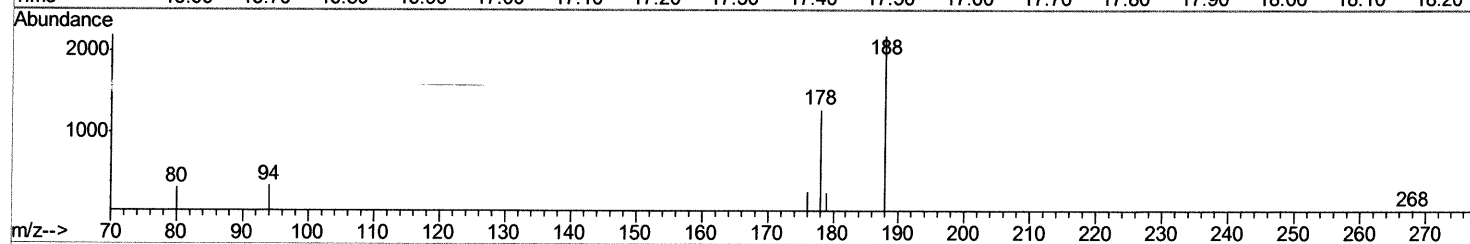
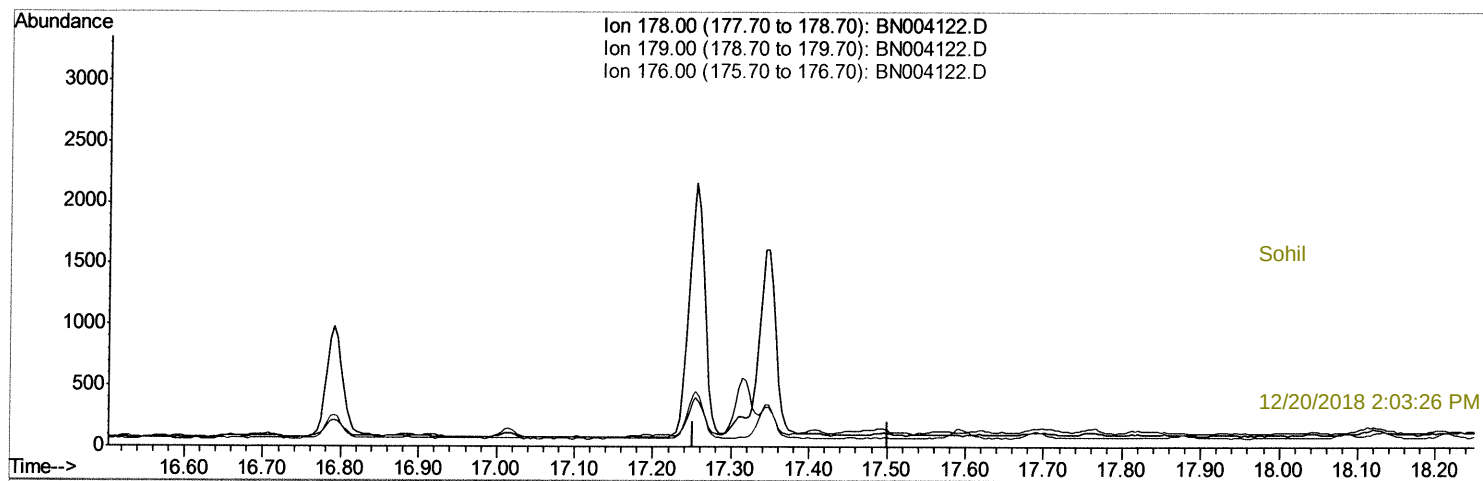
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121918\
Quantitation Report (Qedit)

Data File : BN004122.D
Acq On : 19 Dec 2018 20:14
Operator : JU/SJ
Sample : J6297-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
F9E45

Manual Integrations
APPROVED

Quant Time: Dec 20 06:19:37 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 : Thu Dec 20 05:49:27 2018
Response via : Initial Calibration



TIC: BN004122.D

(13) Anthracene

17.352min (-17.352) 0.00ng/ul

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

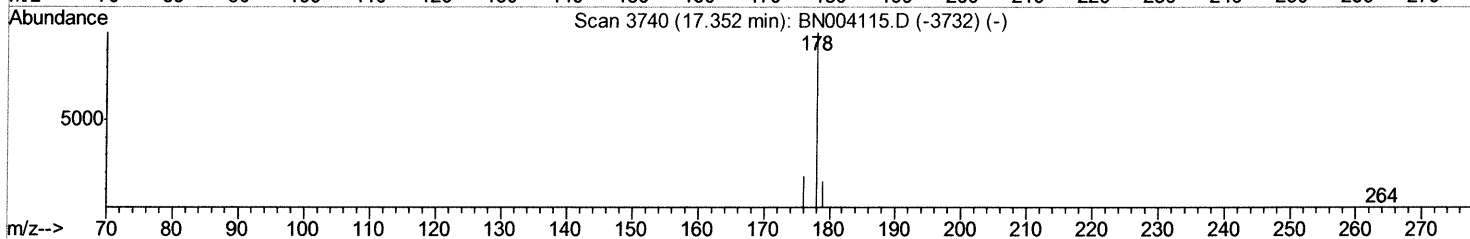
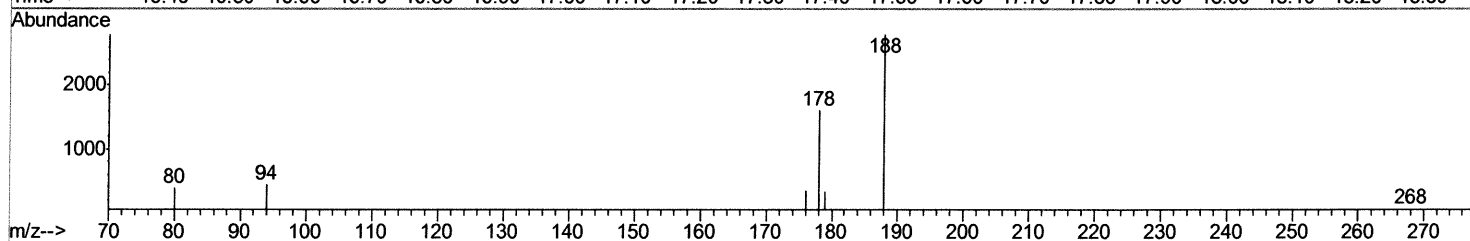
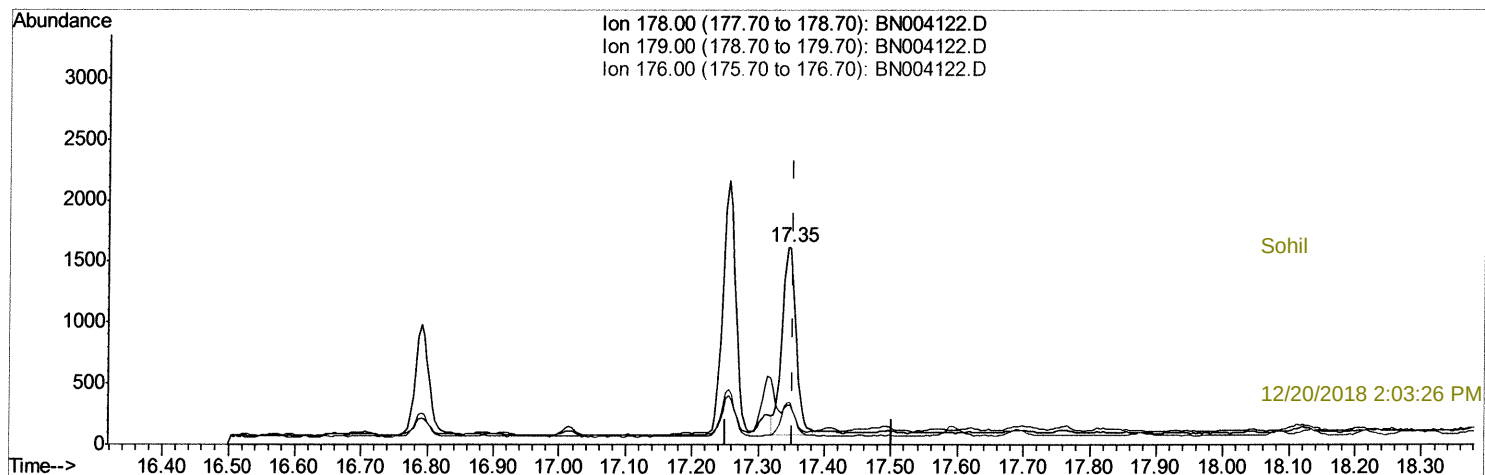
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121918\
Quantitation Report (Qedit)

Data File : BN004122.D
Acq On : 19 Dec 2018 20:14
Operator : JU/SJ
Sample : J6297-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E45

Manual Integrations
APPROVED

Quant Time: Dec 20 06:19:37 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 : Thu Dec 20 05:49:27 2018
Response via : Initial Calibration



TIC: BN004122.D

(13) Anthracene

17.348min (-0.004) 0.07ng/ul m

response 2252

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	20.16#
176.00	18.50	21.53
0.00	0.00	0.00

> 53
12/20/18

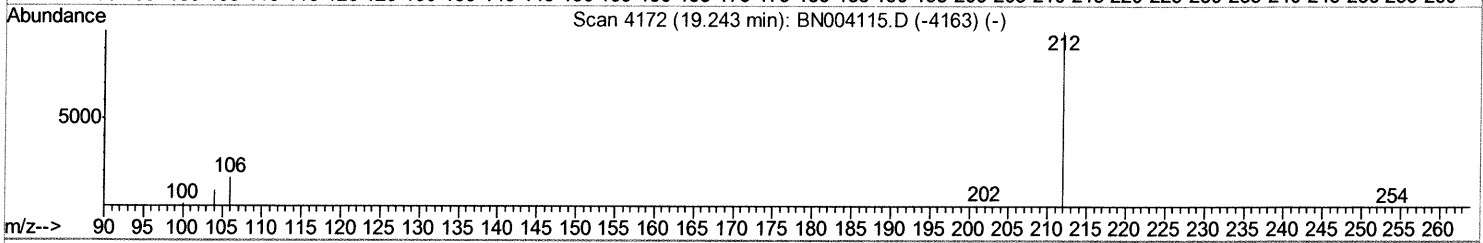
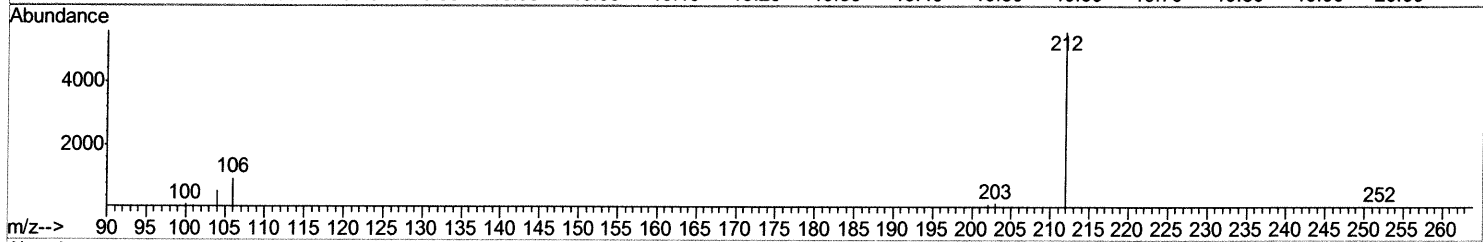
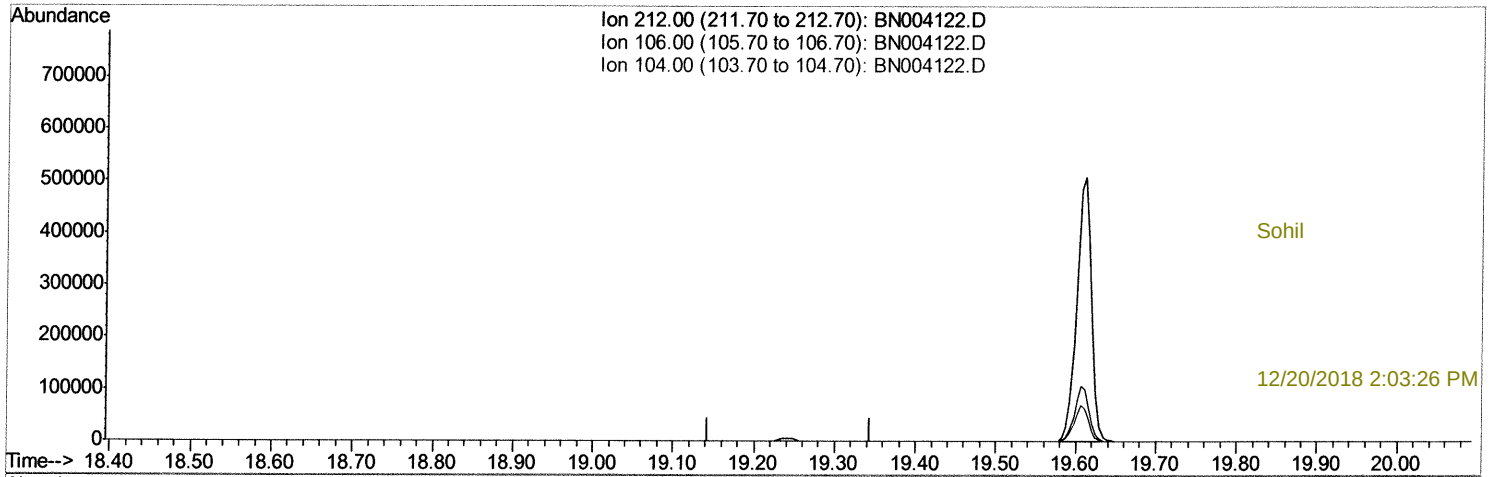
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121918\
Quantitation Report (Qedit)

Data File : BN004122.D
Acq On : 19 Dec 2018 20:14
Operator : JU/SJ
Sample : J6297-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E45

Manual Integrations
APPROVED

Quant Time: Dec 20 06:19:37 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 : Thu Dec 20 05:49:27 2018
Response via : Initial Calibration



TIC: BN004122.D

(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

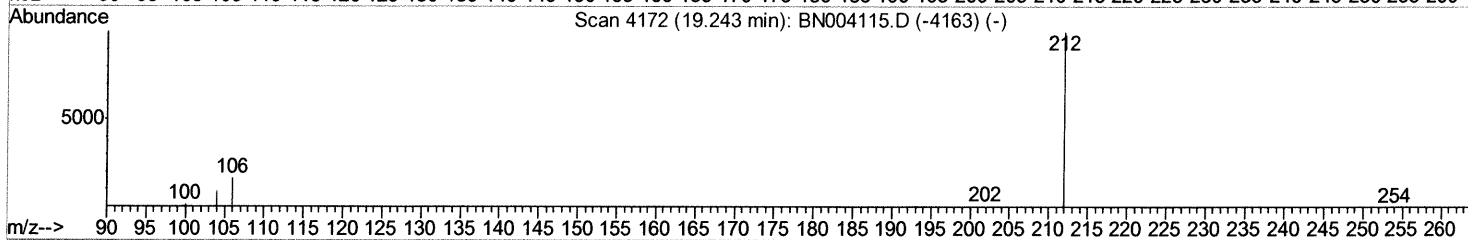
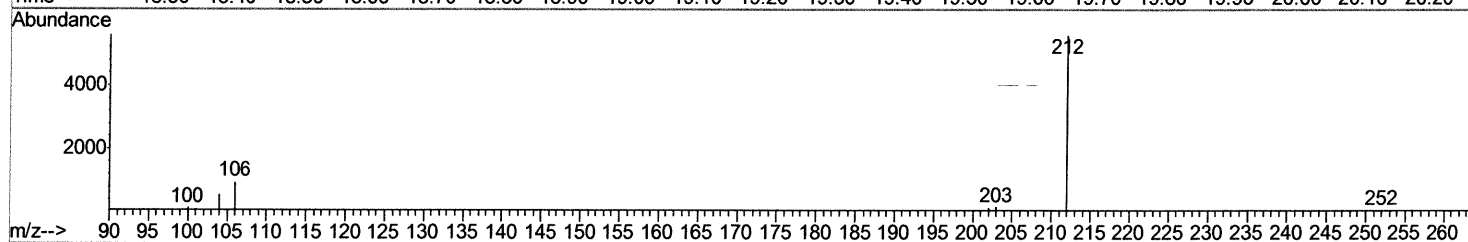
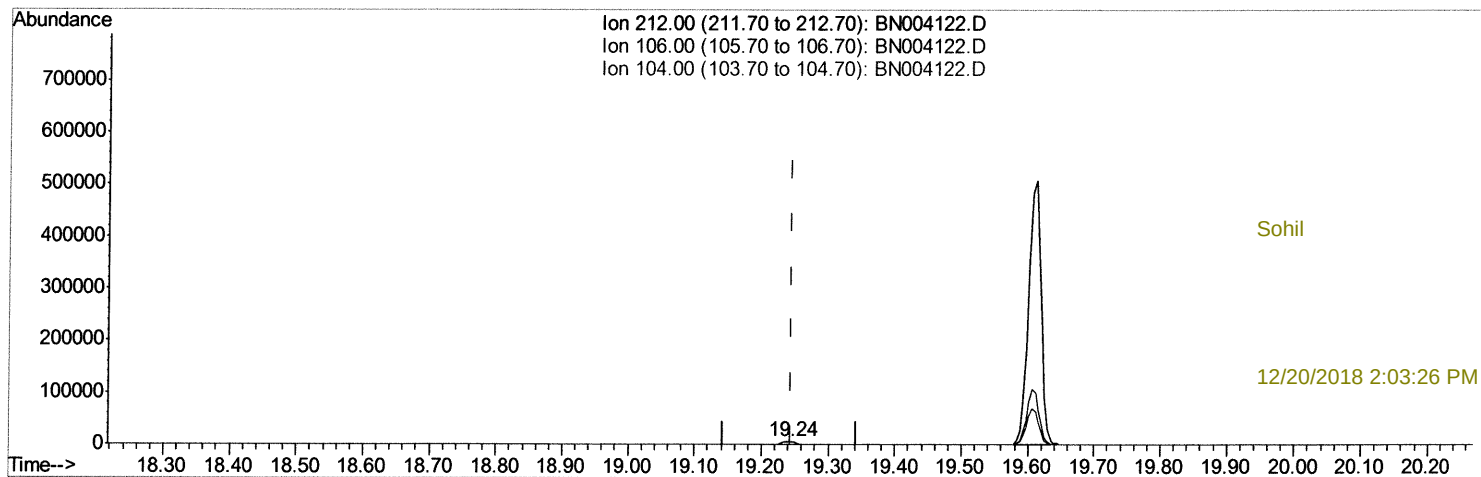
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121918\
Quantitation Report (Qedit)

Data File : BN004122.D
Acq On : 19 Dec 2018 20:14
Operator : JU/SJ
Sample : J6297-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
F9E45

Manual Integrations
APPROVED

Quant Time: Dec 20 06:19:37 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 : Thu Dec 20 05:49:27 2018
Response via : Initial Calibration



TIC: BN004122.D

(14) Fluoranthene-d10 (SURR)

19.244min (+0.000) 0.23ng/ul m

response 7638

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

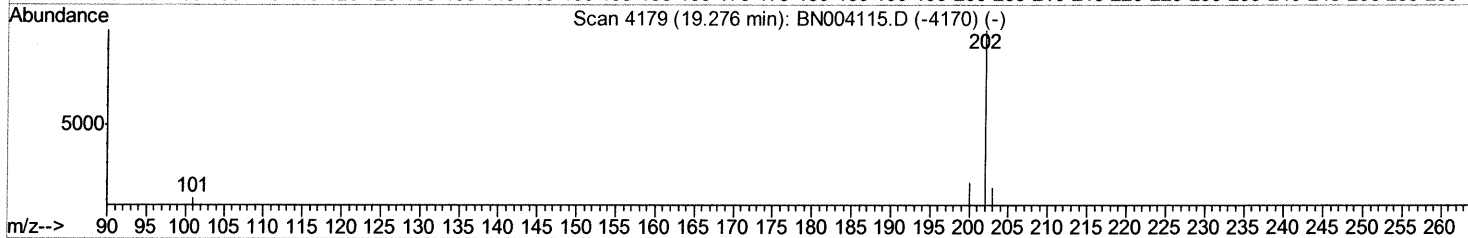
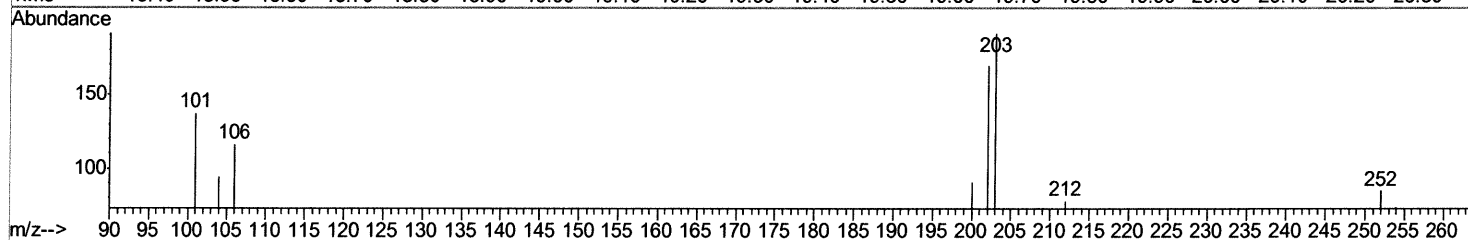
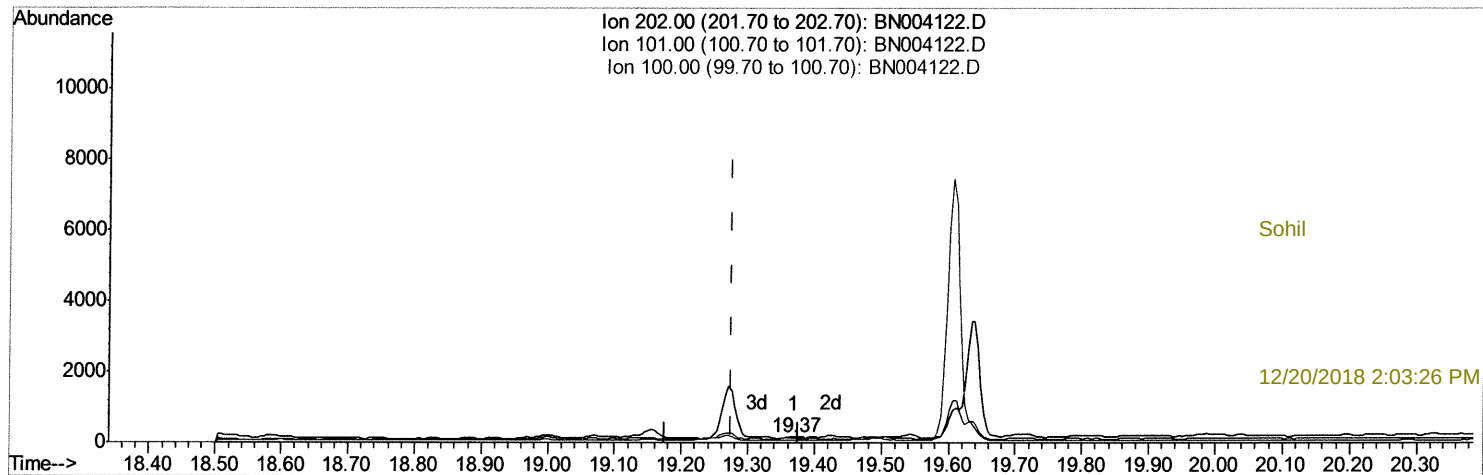
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121918\
Quantitation Report (Qedit)

Data File : BN004122.D
Acq On : 19 Dec 2018 20:14
Operator : JU/SJ
Sample : J6297-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E45

Manual Integrations
APPROVED

Quant Time: Dec 20 06:19:37 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 : Thu Dec 20 05:49:27 2018
Response via : Initial Calibration



TIC: BN004122.D

(15) Fluoranthene (C)

19.369min (+0.093) 0.00ng/ul

response 39

Ion	Exp%	Act%
202.00	100	100
101.00	10.70	81.07#
100.00	8.10	43.20#
0.00	0.00	0.00

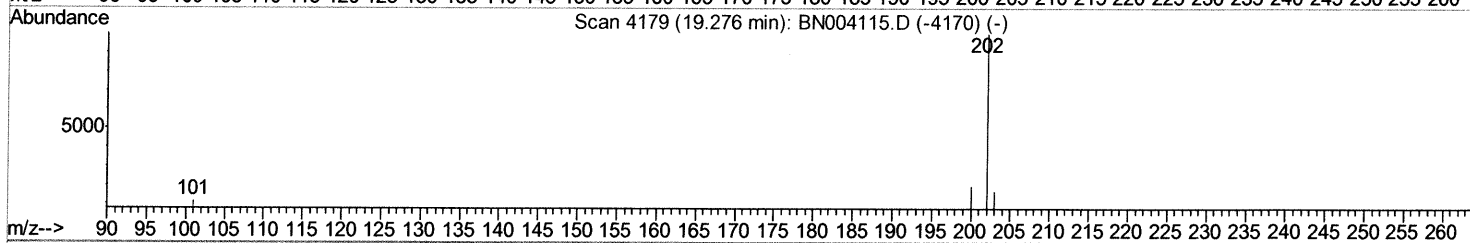
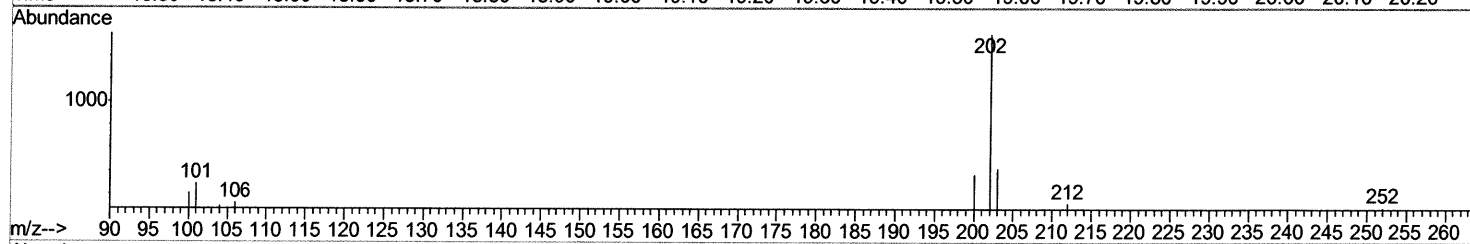
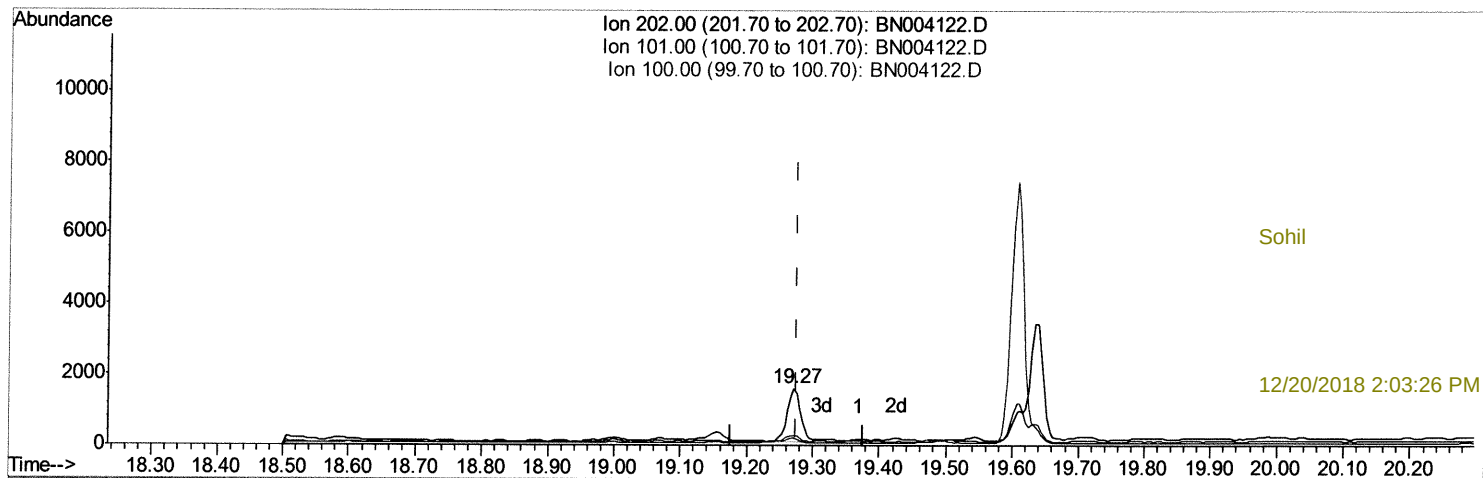
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121918\
Quantitation Report (Qedit)

Data File : BN004122.D
Acq On : 19 Dec 2018 20:14
Operator : JU/SJ
Sample : J6297-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E45

Manual Integrations
APPROVED

Quant Time: Dec 20 06:19:37 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 : Thu Dec 20 05:49:27 2018
Response via : Initial Calibration



TIC: BN004122.D

(15) Fluoranthene (C)

19.271min (-0.004) 0.05ng/ul m

response 2129

Ion	Exp%	Act%
202.00	100	100
101.00	10.70	18.05
100.00	8.10	12.91
0.00	0.00	0.00

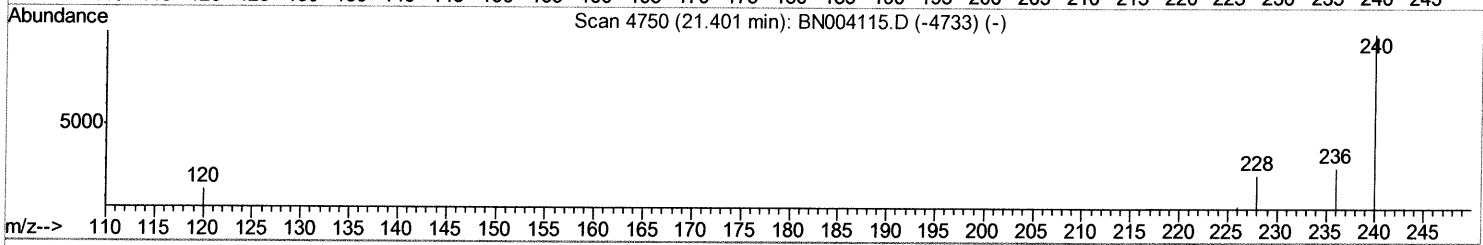
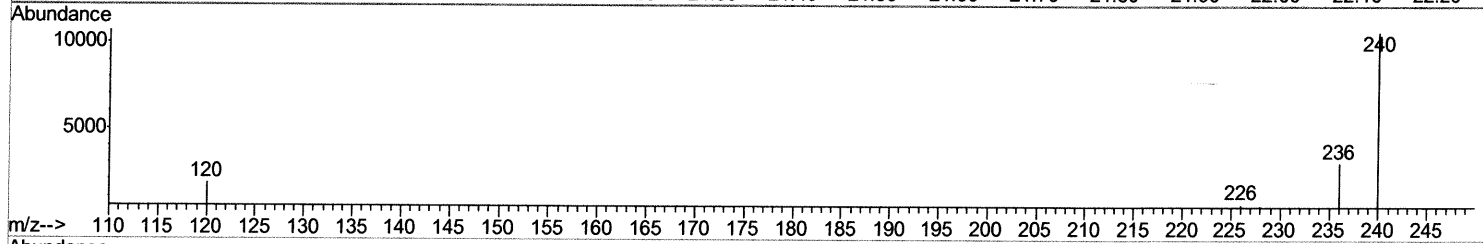
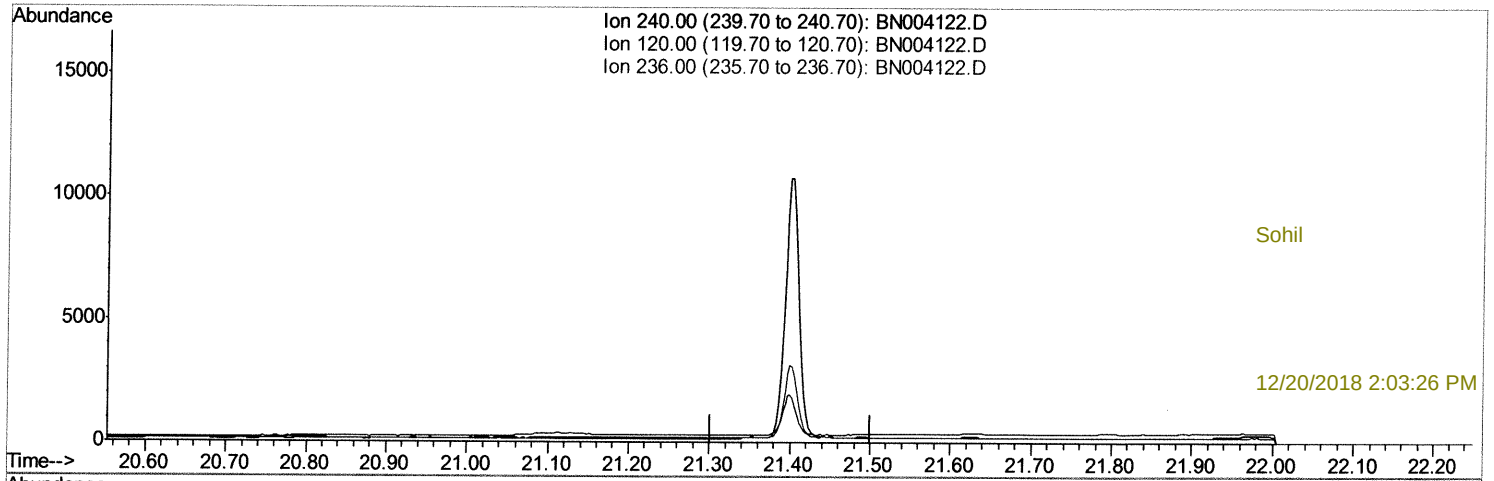
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121918\
Quantitation Report (Qedit)

Data File : BN004122.D
Acq On : 19 Dec 2018 20:14
Operator : JU/SJ
Sample : J6297-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E45

Manual Integrations
APPROVED

Quant Time: Dec 20 06:19:37 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 : Thu Dec 20 05:49:27 2018
Response via : Initial Calibration



TIC: BN004122.D

(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

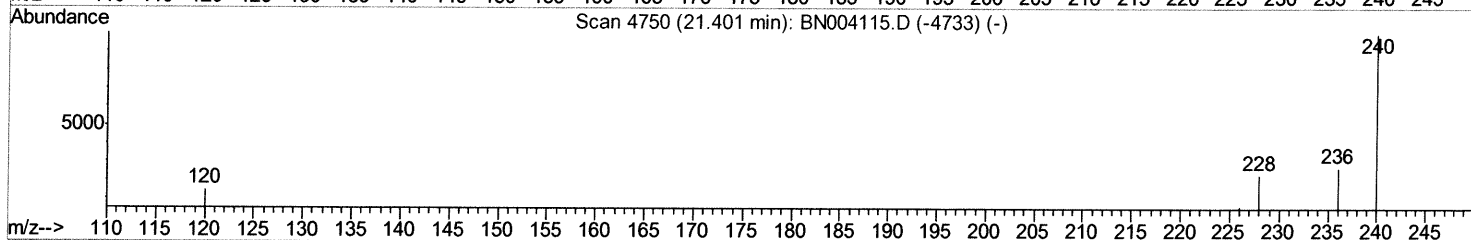
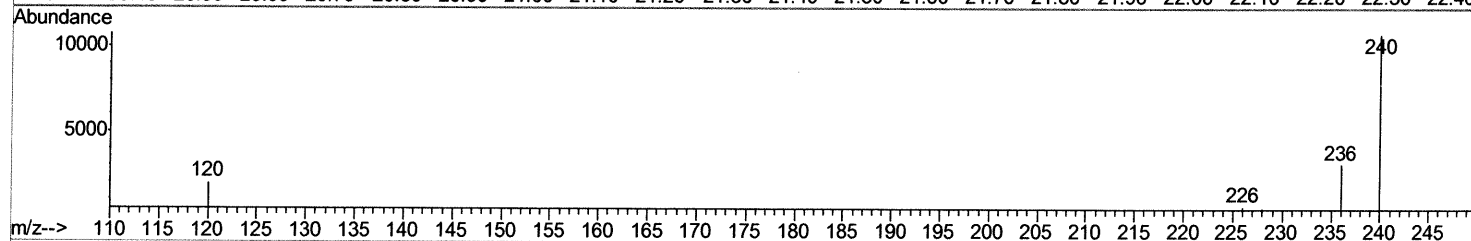
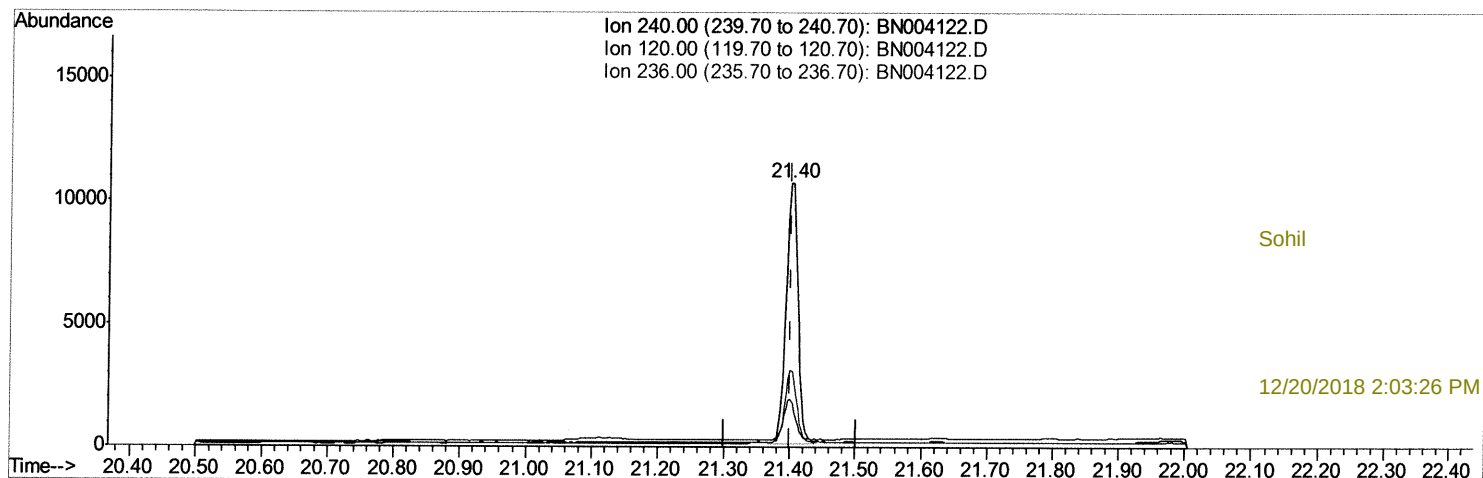
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121918\
Quantitation Report (Qedit)

Data File : BN004122.D
Acq On : 19 Dec 2018 20:14
Operator : JU/SJ
Sample : J6297-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E45

Manual Integrations
APPROVED

Quant Time: Dec 20 06:19:37 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 : Thu Dec 20 05:49:27 2018
Response via : Initial Calibration



TIC: BN004122.D

(16) Chrysene-d12 (I)

21.400min (-0.002) 0.40ng/ul m

response 13097

Ion	Exp%	Act%
240.00	100	100
120.00	14.00	18.29#
236.00	27.60	29.16
0.00	0.00	0.00

> SJ
12/20/18

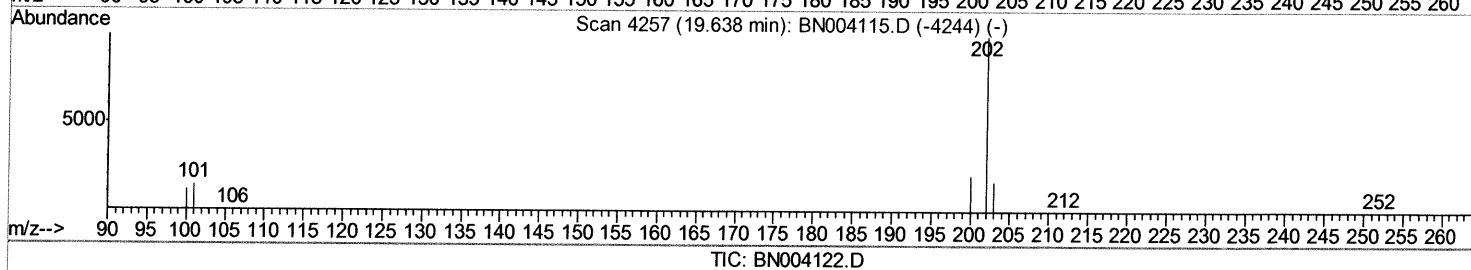
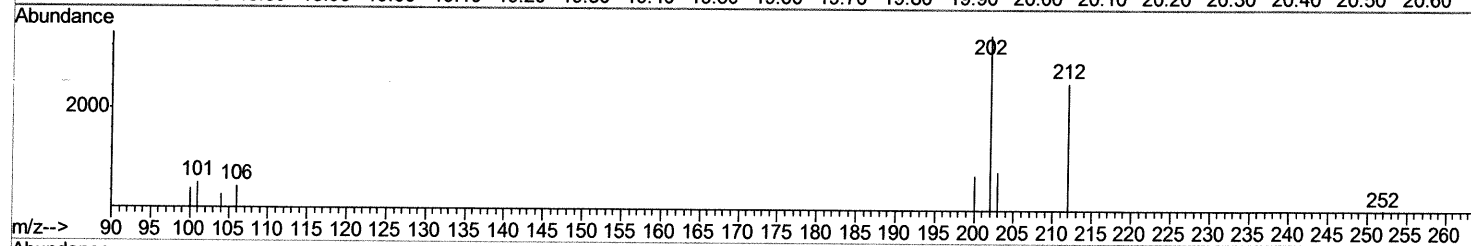
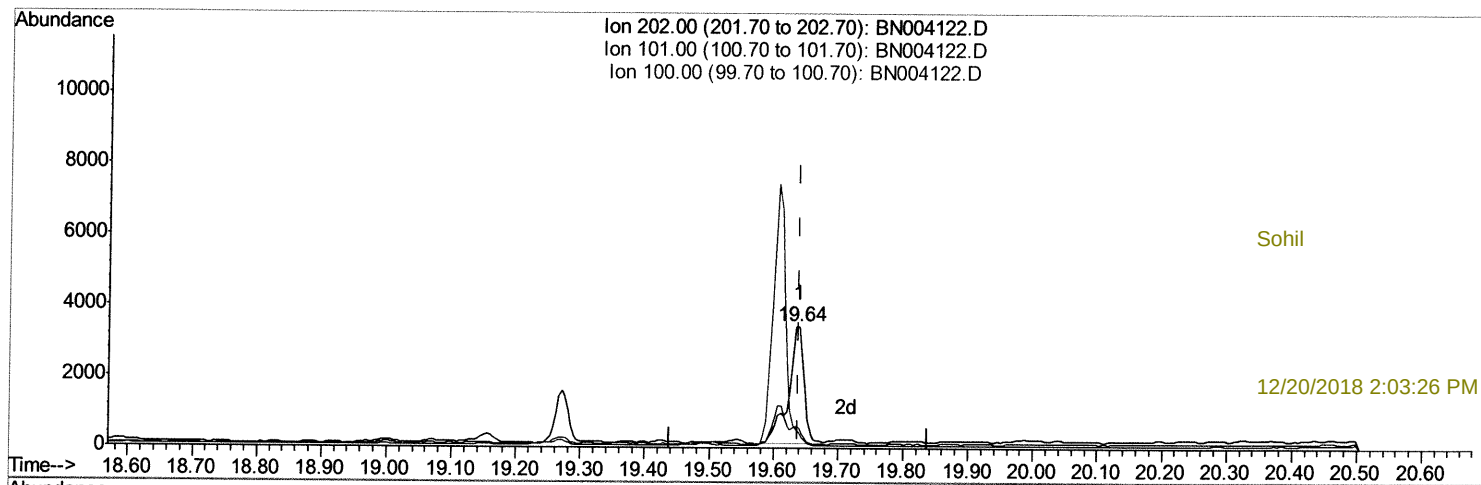
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121918\
Quantitation Report (Qedit)

Data File : BN004122.D
Acq On : 19 Dec 2018 20:14
Operator : JU/SJ
Sample : J6297-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E45

Manual Integrations
APPROVED

Quant Time: Dec 20 06:21:07 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



(17) Pyrene

19.639min (+0.000) 0.12ng/ul

response 5547

Ion	Exp%	Act%
202.00	100	100
101.00	12.90	16.55#
100.00	10.60	12.66
0.00	0.00	0.00

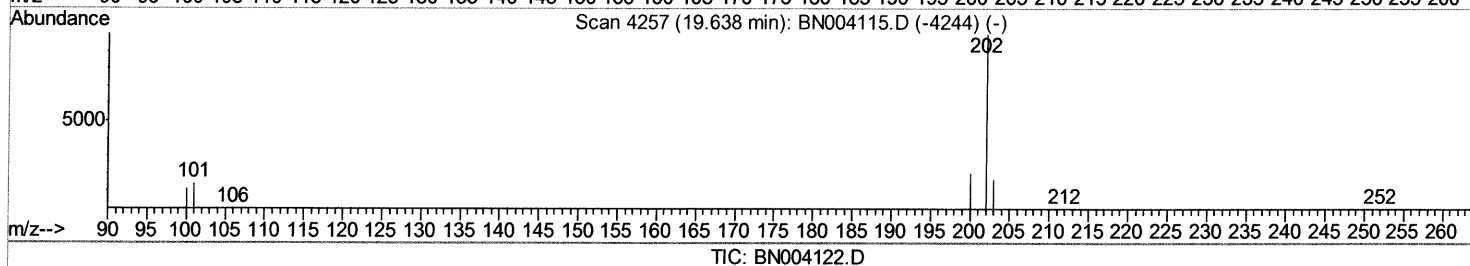
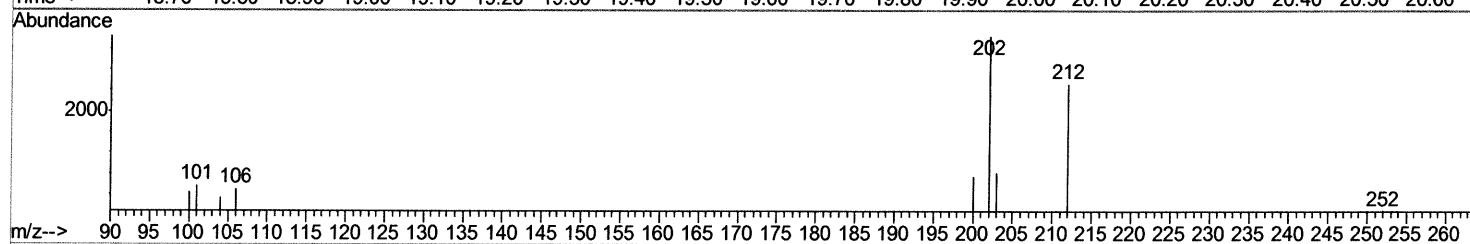
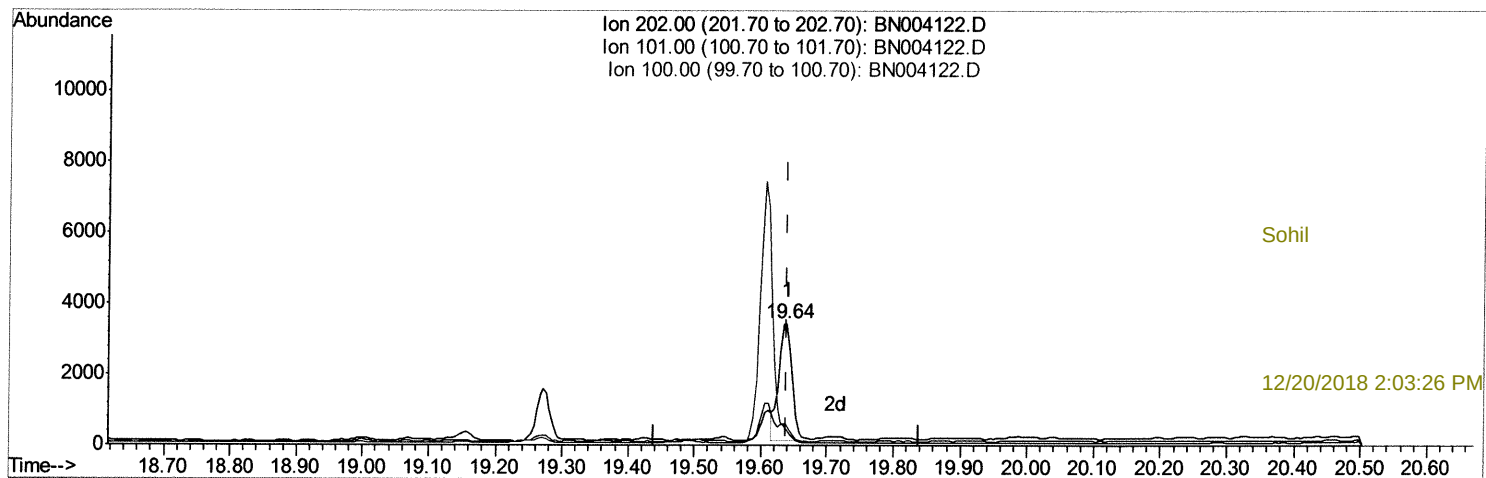
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121918\
Quantitation Report (Qedit)

Data File : BN004122.D
Acq On : 19 Dec 2018 20:14
Operator : JU/SJ
Sample : J6297-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E45

Manual Integrations
APPROVED

Quant Time: Dec 20 06:21:07 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



(17) Pyrene

19.639min (+0.000) 0.10ng/ul m

response 4595

Ion	Exp%	Act%
202.00	100	100
101.00	12.90	16.55#
100.00	10.60	12.66
0.00	0.00	0.00

53
12/20/18

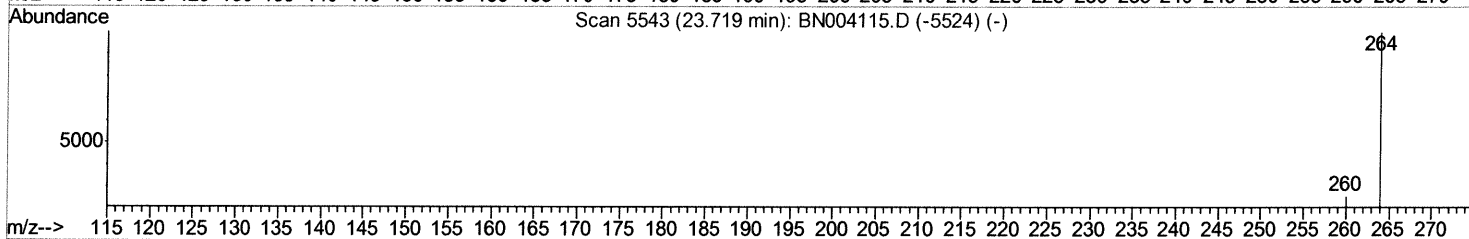
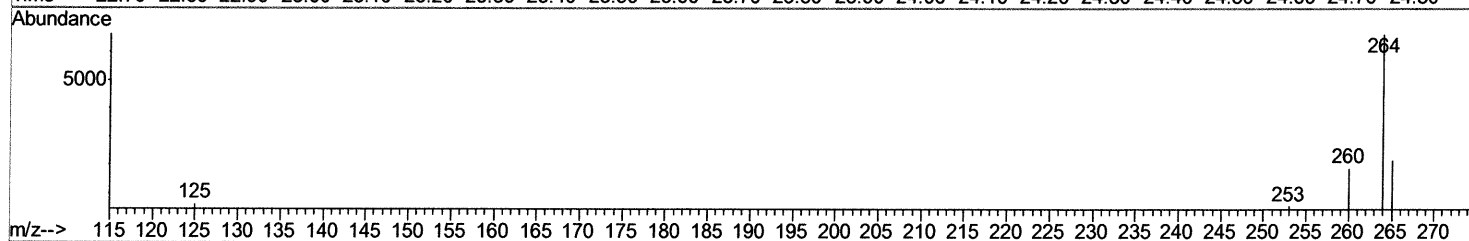
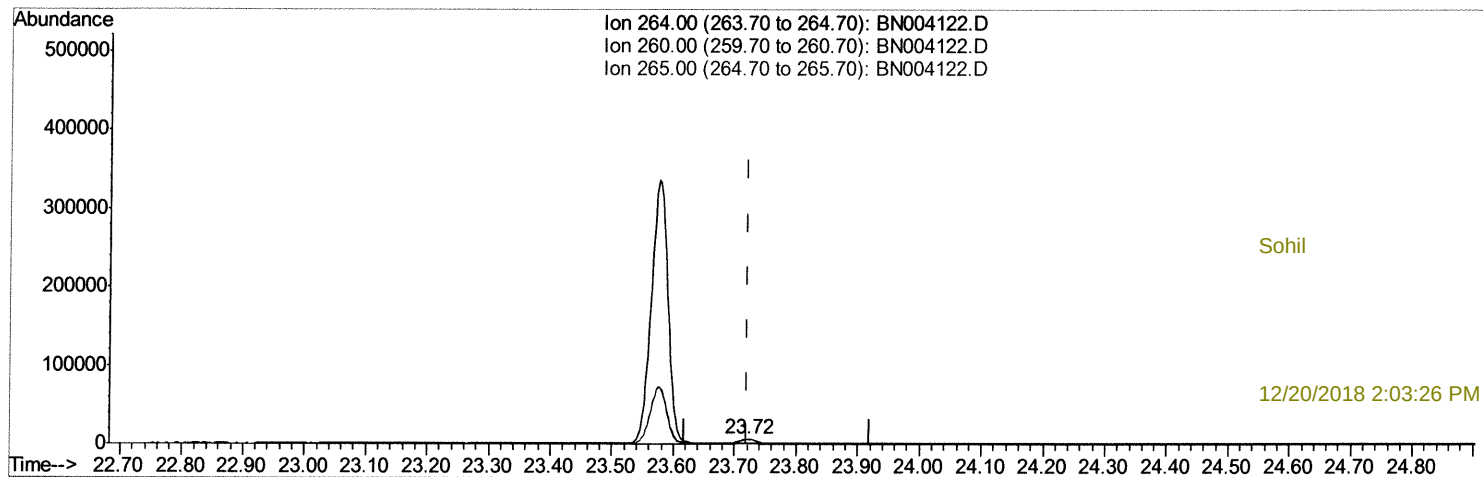
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121918\
Quantitation Report (Qedit)

Data File : BN004122.D
Acq On : 19 Dec 2018 20:14
Operator : JU/SJ
Sample : J6297-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
F9E45

Manual Integrations
APPROVED

Quant Time: Dec 20 06:21:07 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: BN004122.D

(20) Perylene-d12 (I)

23.721min (+0.001) 0.40ng/ul

response 13559

Ion	Exp%	Act%
264.00	100	100
260.00	26.20	28.56
265.00	33.50	32.73
0.00	0.00	0.00

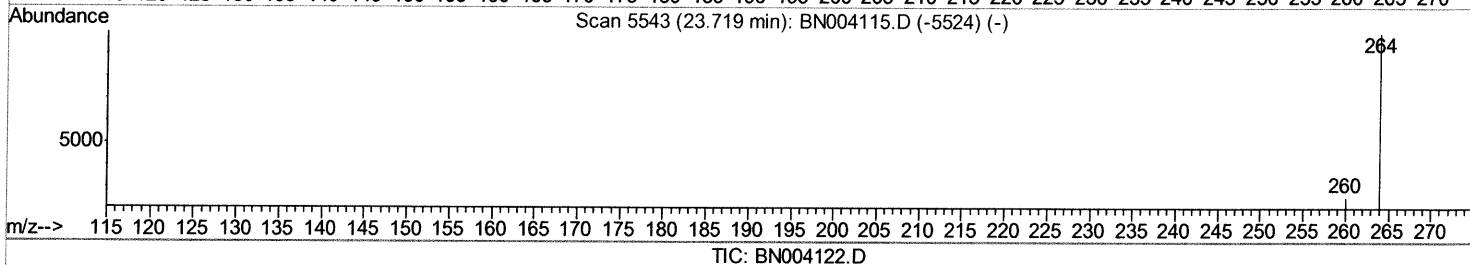
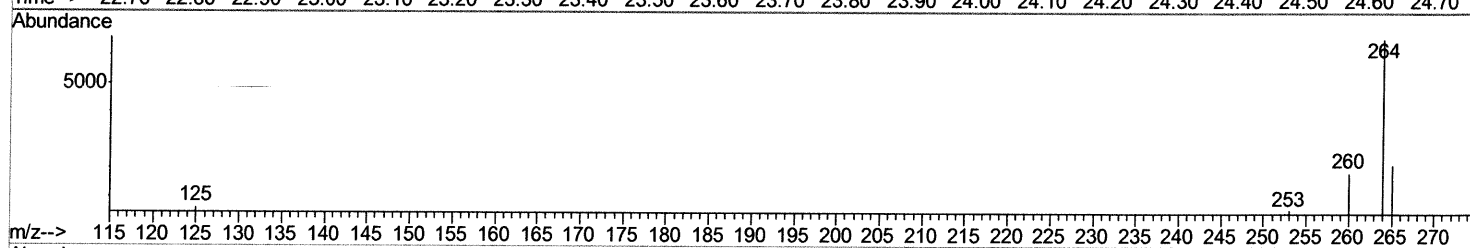
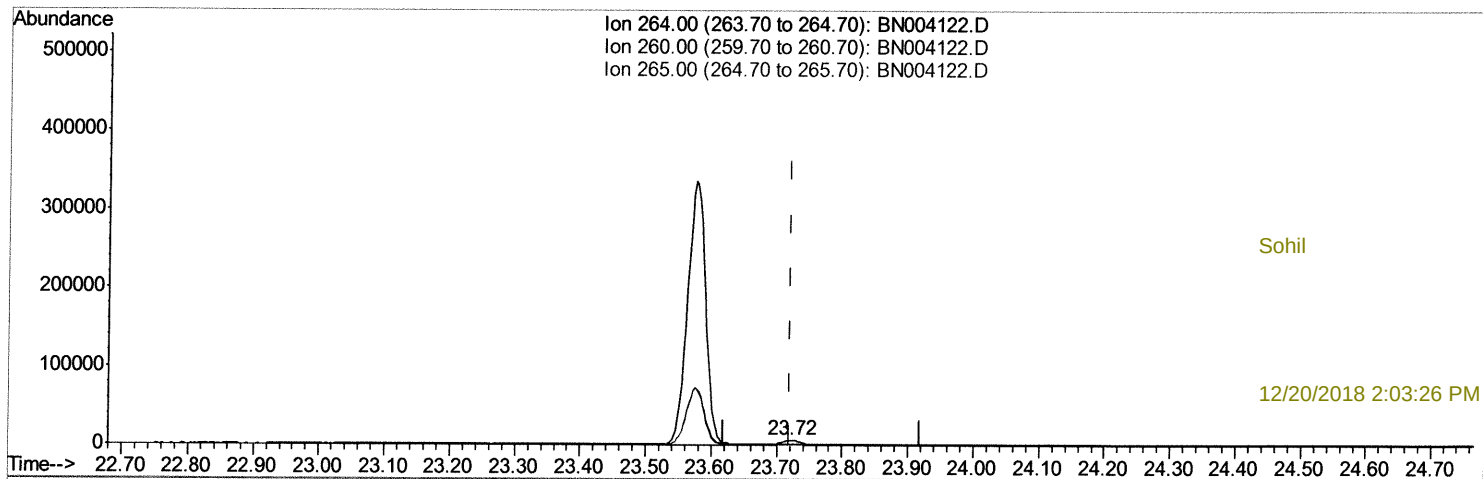
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121918\
Quantitation Report (Qedit)

Data File : BN004122.D
Acq On : 19 Dec 2018 20:14
Operator : JU/SJ
Sample : J6297-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
F9E45

Manual Integrations
APPROVED

Quant Time: Dec 20 06:21:07 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 m

response 11768

Ion	Exp%	Act%
264.00	100	100
260.00	26.20	28.56
265.00	33.50	32.73
0.00	0.00	0.00

> 53
12/20/18

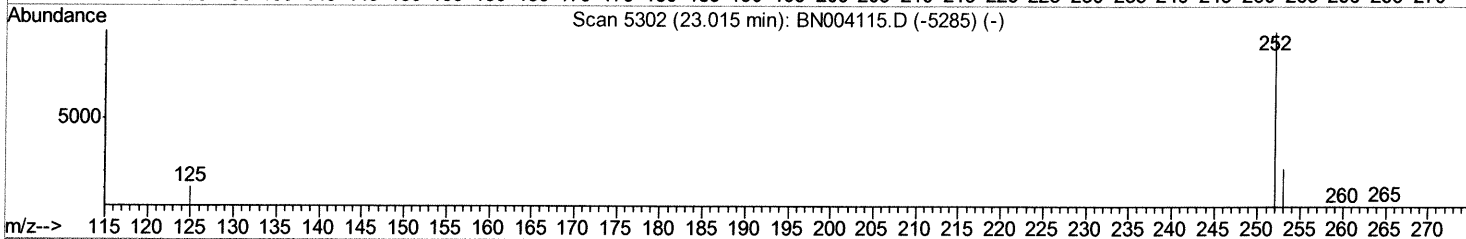
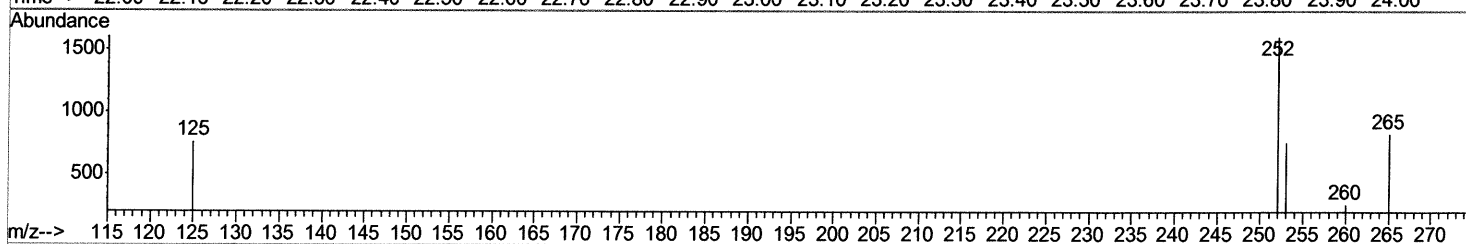
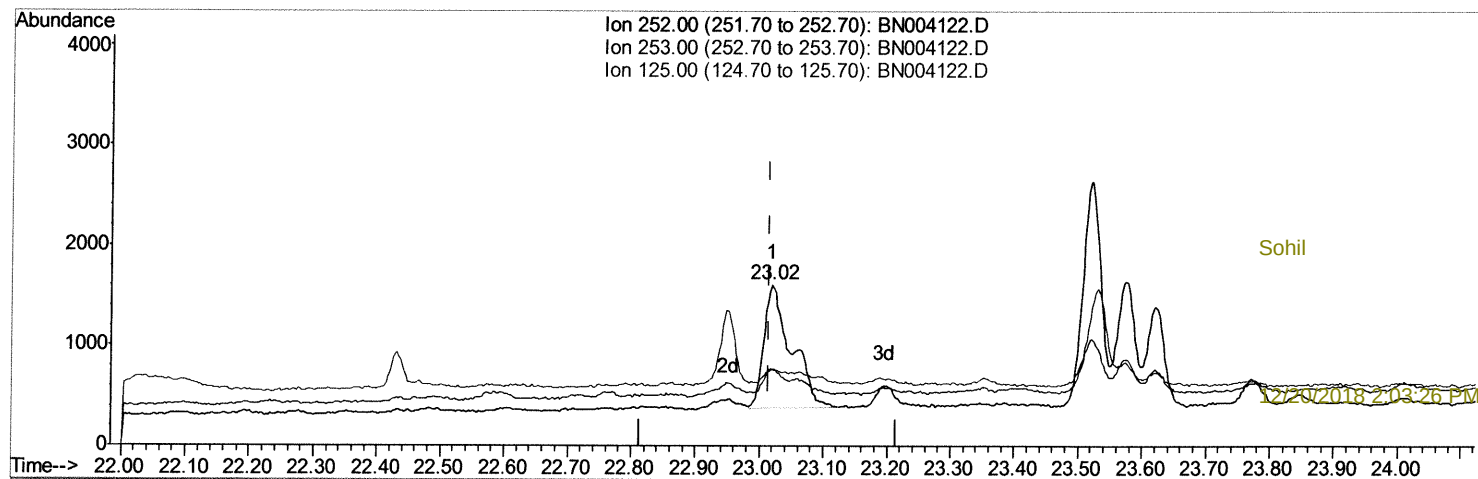
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121918\
Quantitation Report (Qedit)

Data File : BN004122.D
Acq On : 19 Dec 2018 20:14
Operator : JU/SJ
Sample : J6297-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E45

Manual Integrations
APPROVED

Quant Time: Dec 20 06:22:06 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: BN004122.D

(21) Benzo(b)fluoranthene
23.019min (+0.004) 0.08ng/ul
response 3669
Ion Exp% Act%
252.00 100 100
253.00 23.00 47.76#
125.00 11.20 47.57#
0.00 0.00 0.00

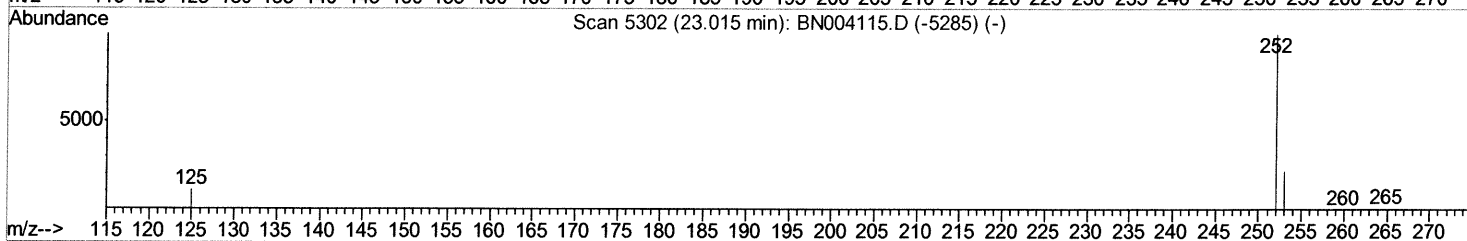
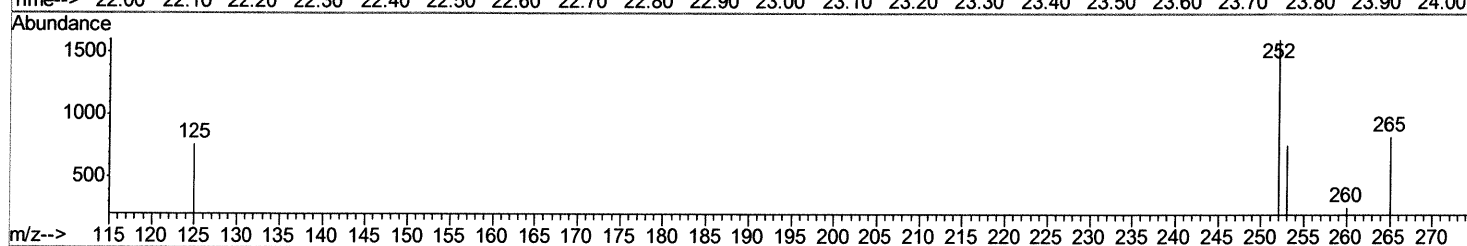
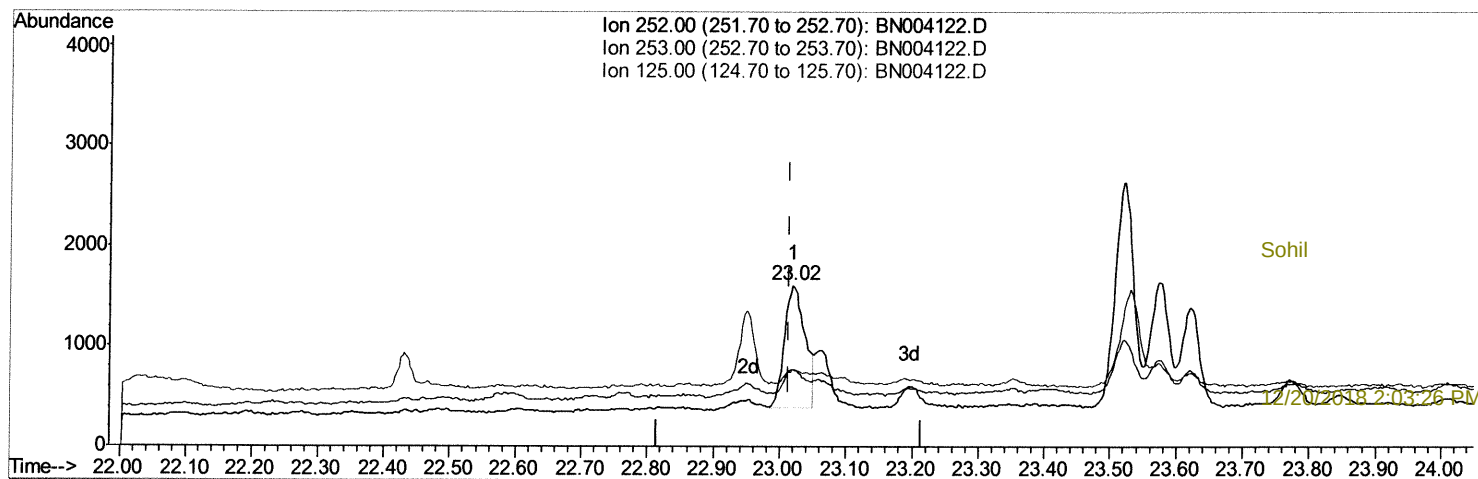
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121918\
Quantitation Report (Qedit)

Data File : BN004122.D
Acq On : 19 Dec 2018 20:14
Operator : JU/SJ
Sample : J6297-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
F9E45

Manual Integrations
APPROVED

Quant Time: Dec 20 06:22:06 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: BN004122.D

(21) Benzo(b)fluoranthene

23.019min (+0.004) 0.05ng/ul m

response 2624

Ion	Exp%	Act%
252.00	100	100
253.00	23.00	47.76#
125.00	11.20	47.57#
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 : BN004122.D
Acq On : 19 Dec 2018 20:14
Operator : JU/SJ
Sample : J6297-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E45

Manual Integrations
APPROVED

Quant Time: Dec 20 06:23:16 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	1312	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	6828	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	4226	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	11171m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	13097m	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	11768m	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.22	152	2263	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	7638m	0.23	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) Phenanthrene	17.26	178	2868	0.078	ng/ul	94
13) Anthracene	17.35	178	2252m	0.075	ng/ul	
15) Fluoranthene	19.27	202	2129m	0.049	ng/ul	
17) Pyrene	19.64	202	4595m	0.098	ng/ul	
18) Benzo(a)anthracene	21.39	228	1476	0.036	ng/ul#	55
19) Chrysene	21.44	228	2267	0.048	ng/ul#	70
21) Benzo(b)fluoranthene	23.02	252	2624m	0.054	ng/ul	
23) Benzo(a)pyrene	23.62	252	1786	0.042	ng/ul#	24
24) Indeno(1,2,3-cd)pyrene	26.08	276	2235	0.046	ng/ul#	96
26) Benzo(g,h,i)perylene	26.81	276	9881	0.235	ng/ul#	85

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

Sohil

12/20/2018 2:03:26 PM

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