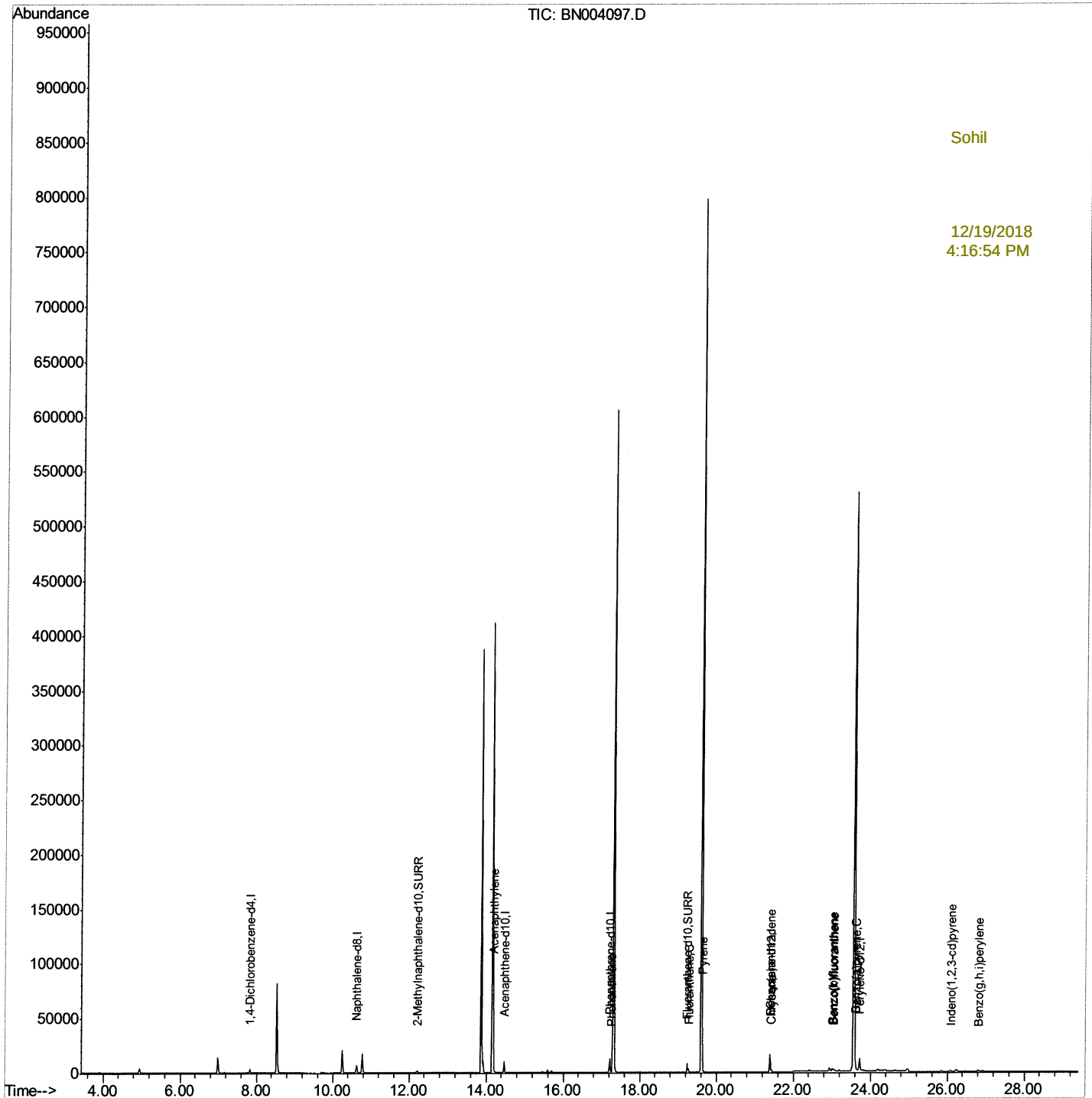


Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121818\
Quantitation Report (QT Reviewed)
Data File : BN004097.D
Acq On : 19 Dec 2018 03:14
Operator : JU/SJ
Sample : J6271-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E33

Manual Integrations
APPROVED

Quant Time: Dec 19 04:57:36 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 : Wed Dec 19 04:08:55 2018
Response via : Initial Calibration



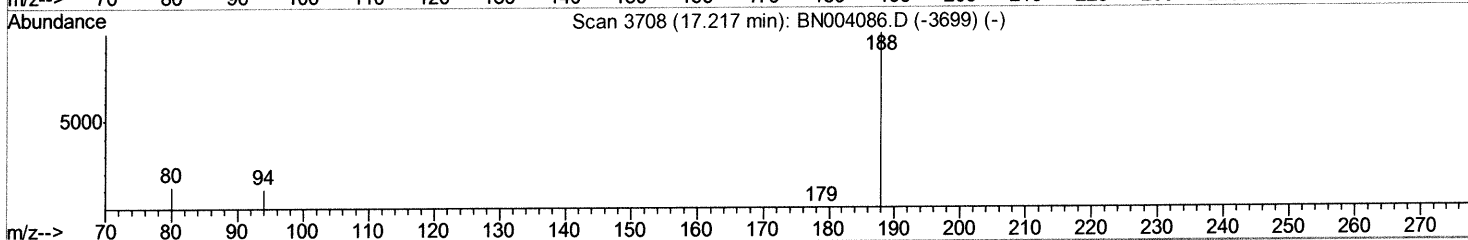
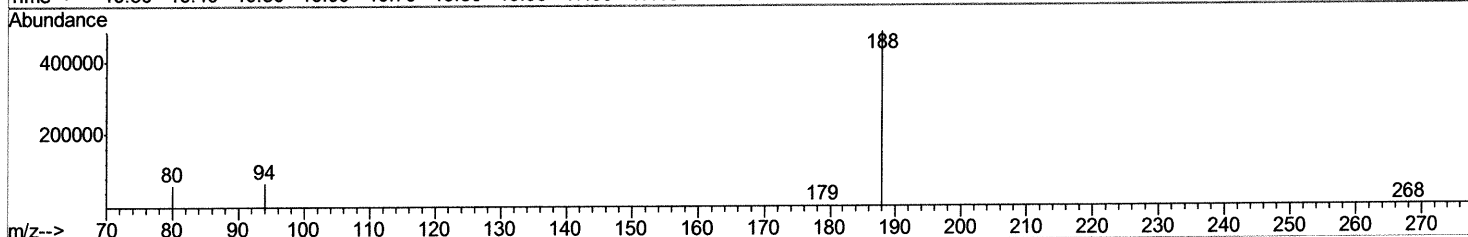
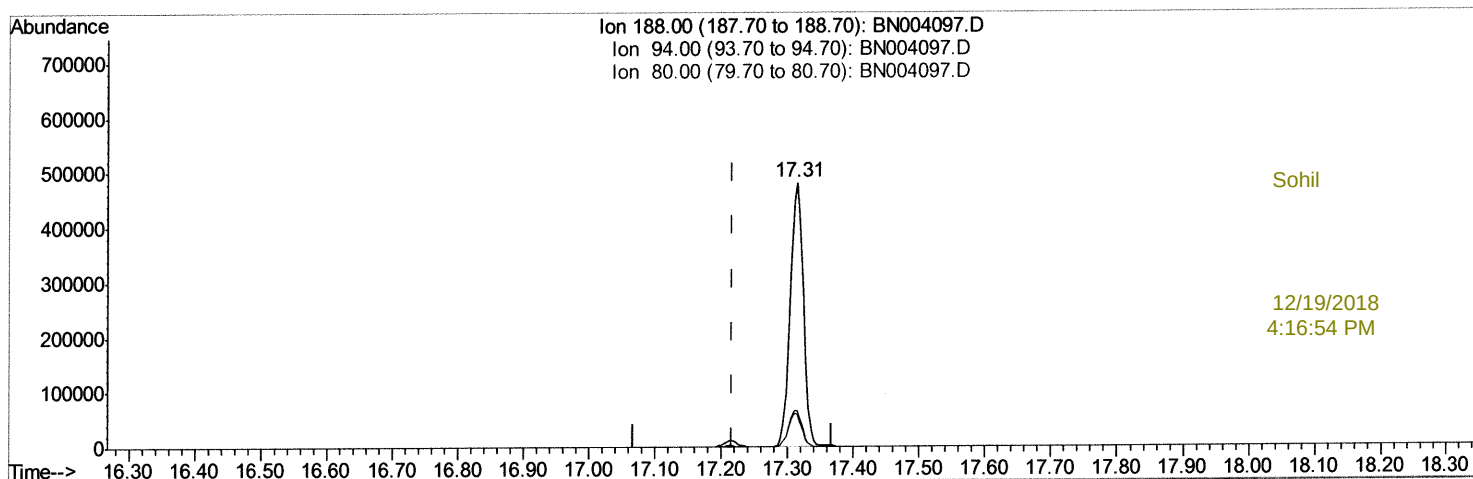
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121818\
Quantitation Report (Qedit)

Data File : BN004097.D
Acq On : 19 Dec 2018 03:14
Operator : JU/SJ
Sample : J6271-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E33

Manual Integrations
APPROVED

Quant Time: Dec 19 04:13:32 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 : Wed Dec 19 04:08:55 2018
Response via : Initial Calibration



TIC: BN004097.D

(10) Phenanthrene-d10 (I)

17.314min (+0.097) 0.40ng/ul

response 654012

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	13.55#
80.00	11.60	12.18
0.00	0.00	0.00

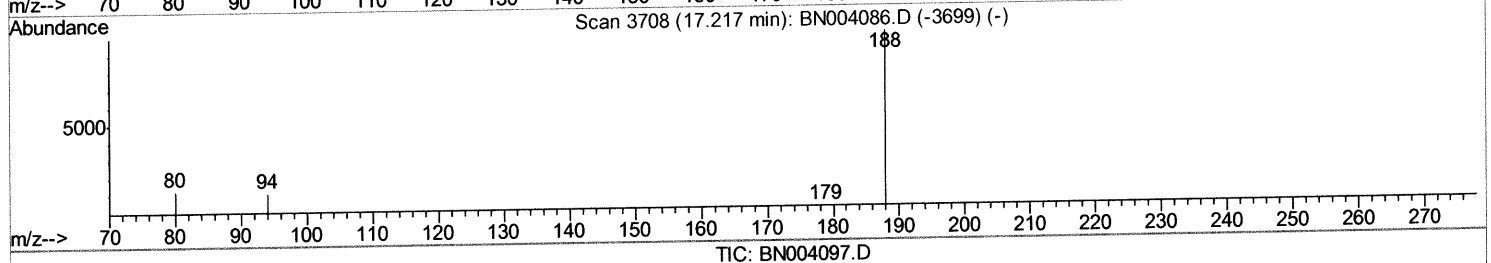
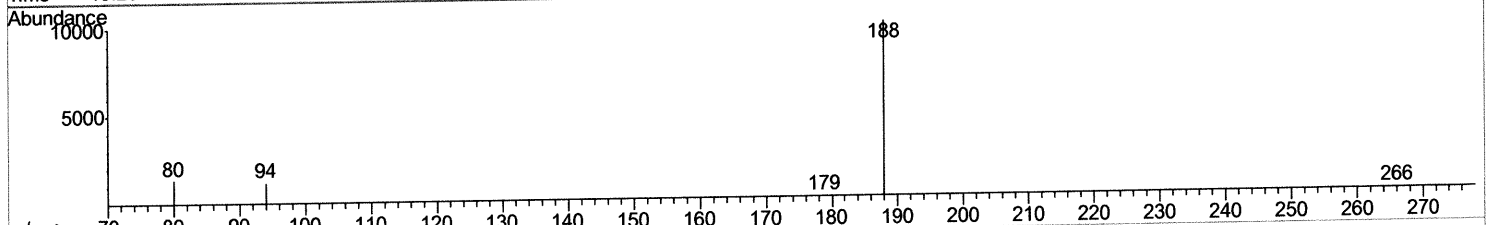
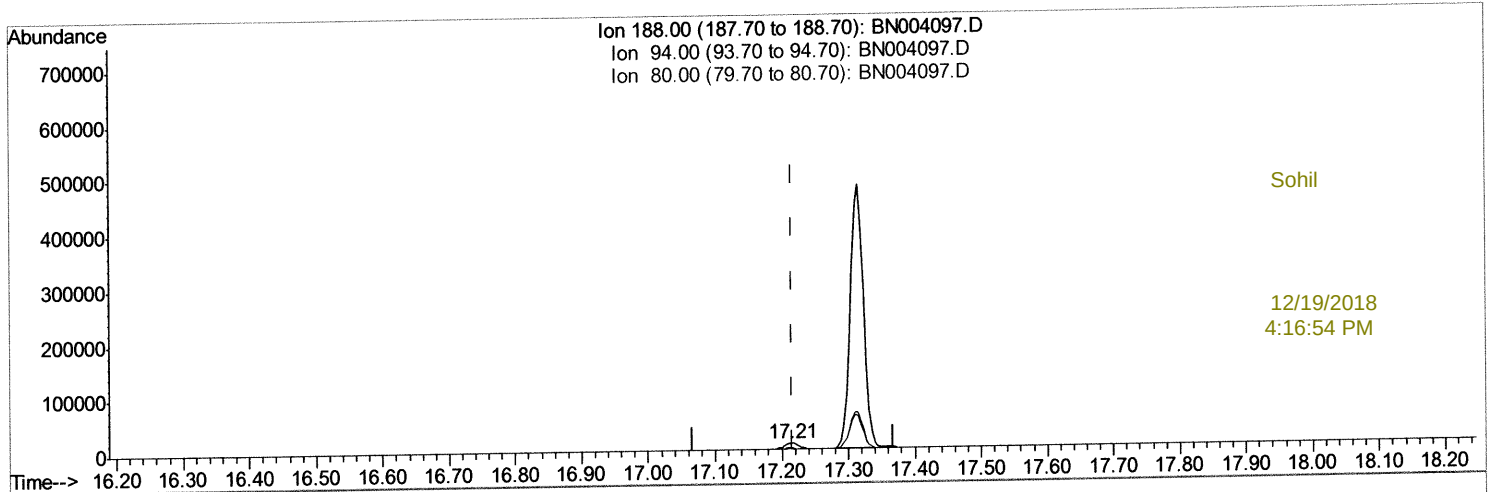
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121818\
Quantitation Report (Qedit)

Data File : BN004097.D
Acq On : 19 Dec 2018 03:14
Operator : JU/SJ
Sample : J6271-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E33

Manual Integrations
APPROVED

Quant Time: Dec 19 04:13:32 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 : Wed Dec 19 04:08:55 2018
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.213min (-0.004) 0.40ng/ul m

response 14459

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	12.39
80.00	11.60	14.04#
0.00	0.00	0.00

> SJ
12/19/18

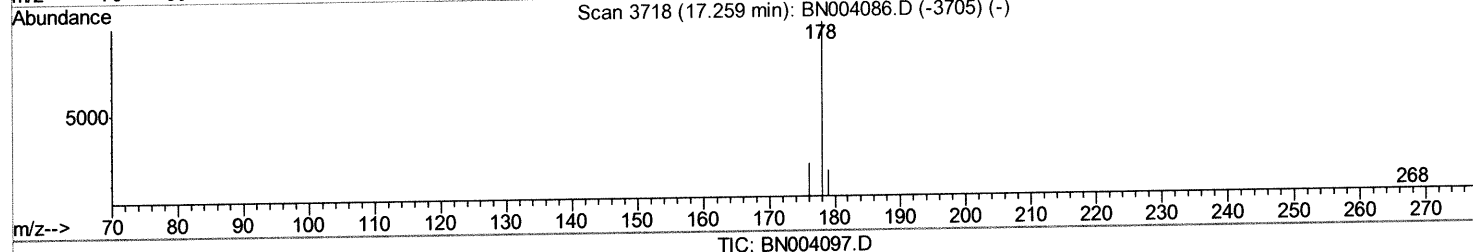
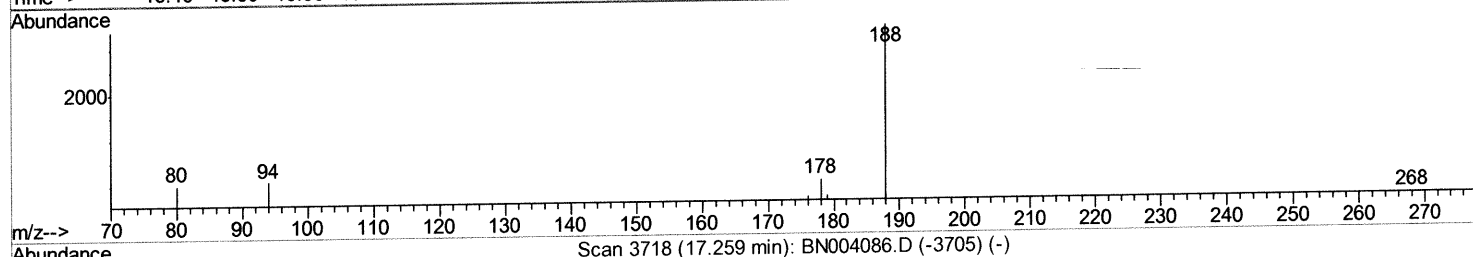
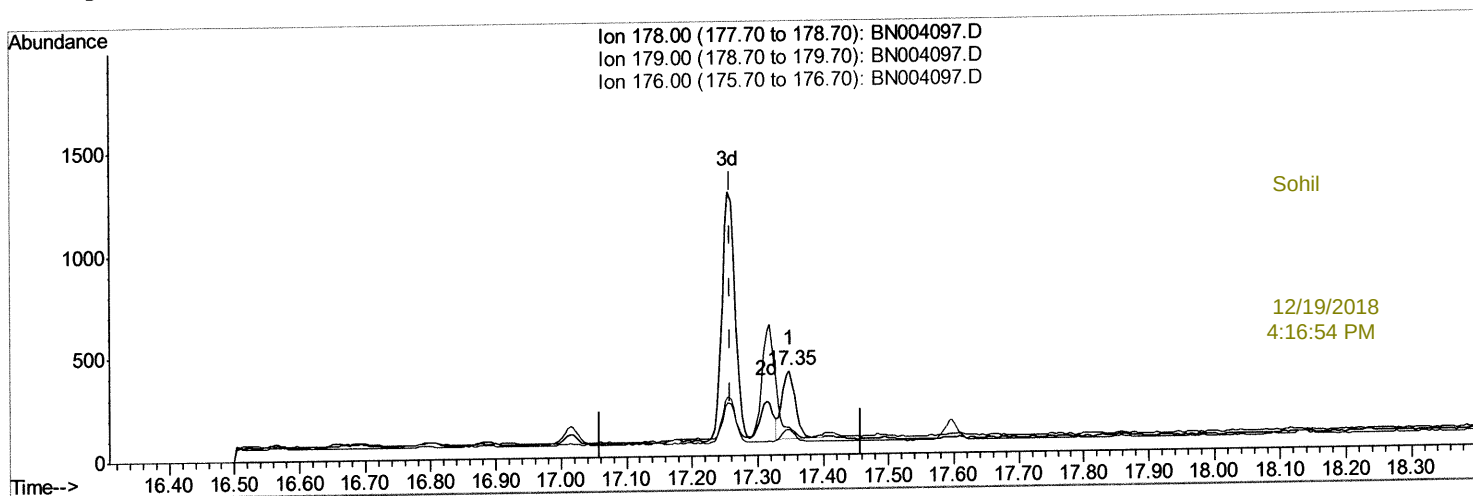
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121818\
Quantitation Report (Qedit)

Data File : BN004097.D
Acq On : 19 Dec 2018 03:14
Operator : JU/SJ
Sample : J6271-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E33

Manual Integrations
APPROVED

Quant Time: Dec 19 04:55:32 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 : Wed Dec 19 04:08:55 2018
Response via : Initial Calibration



(12) Phenanthrene
17.348min (+0.089) 0.01ng/ul
response 473

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	32.44#
176.00	18.70	29.51#
0.00	0.00	0.00

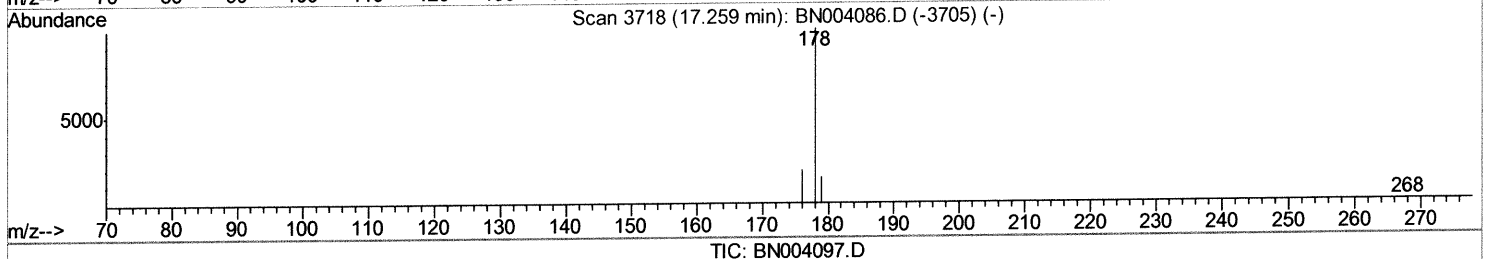
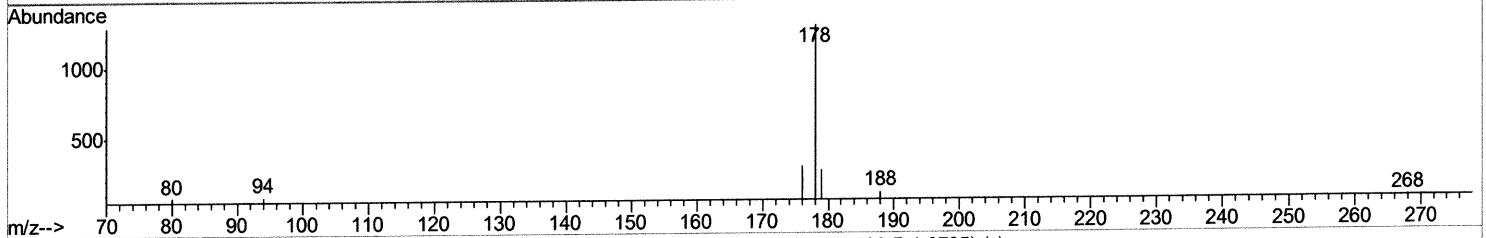
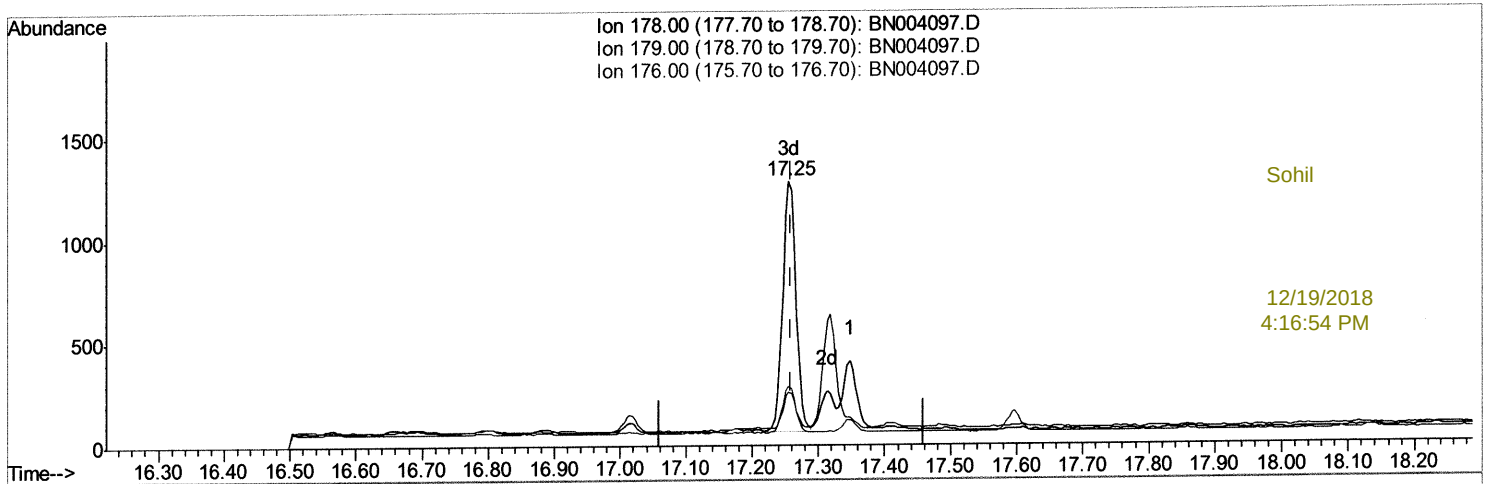
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121818\
Quantitation Report (Qedit)

Data File : BN004097.D
Acq On : 19 Dec 2018 03:14
Operator : JU/SJ
Sample : J6271-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
F9E33

Manual Integrations
APPROVED

Quant Time: Dec 19 04:55:32 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 : Wed Dec 19 04:08:55 2018
Response via : Initial Calibration



(12) Phenanthrene

17.255min (-0.004) 0.04ng/ul m

response 1718

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	20.17#
176.00	18.70	22.20
0.00	0.00	0.00

> SJ
12/19/18

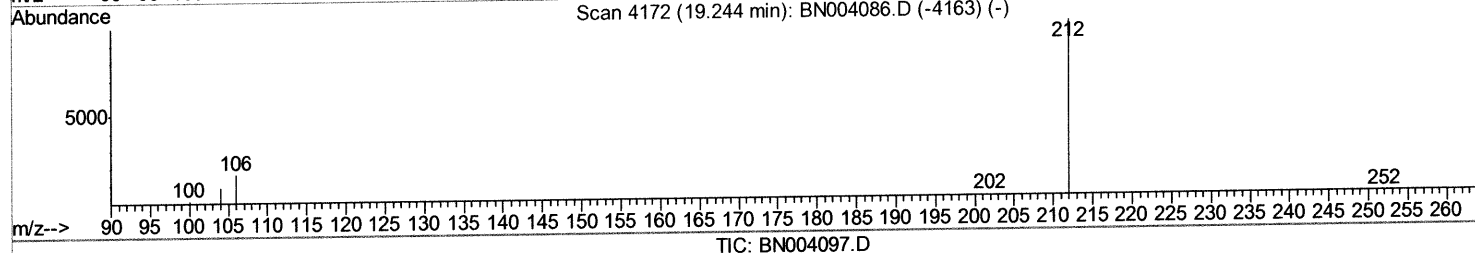
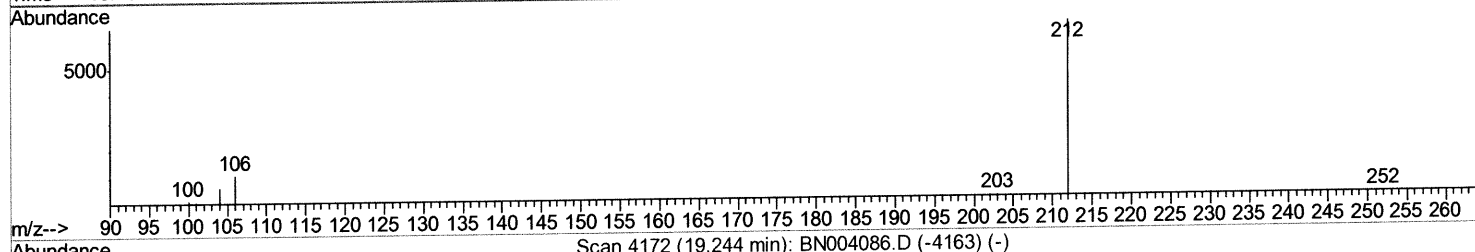
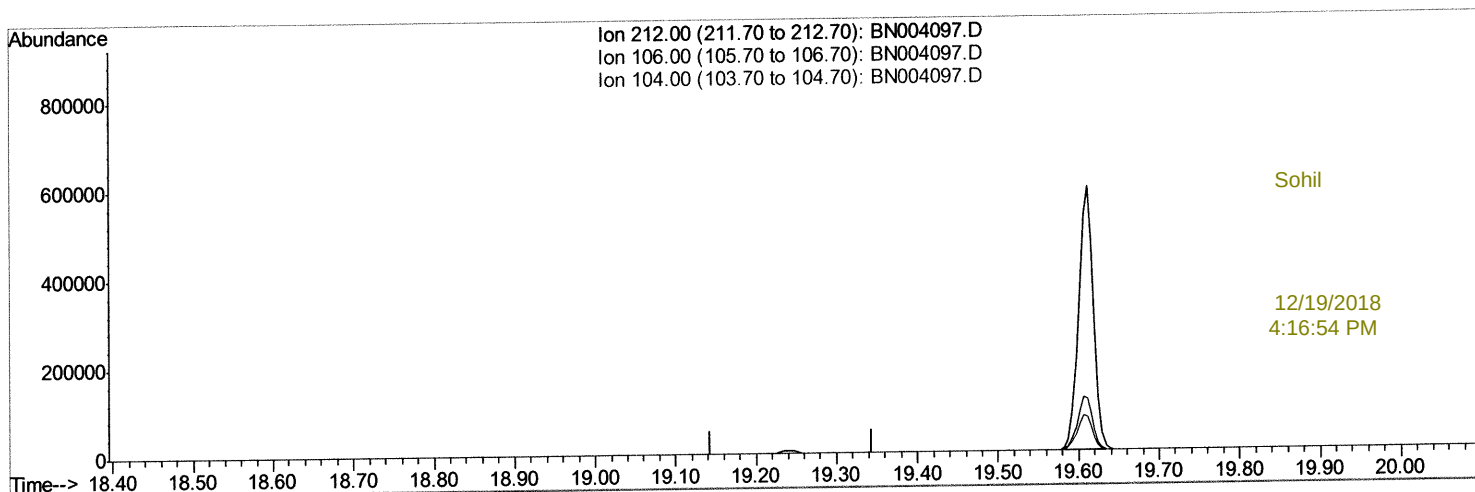
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121818\
Quantitation Report (Qedit)

Data File : BN004097.D
Acq On : 19 Dec 2018 03:14
Operator : JU/SJ
Sample : J6271-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E33

Manual Integrations
APPROVED

Quant Time: Dec 19 04:55:32 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 : Wed Dec 19 04:08:55 2018
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.244min (-19.244) 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

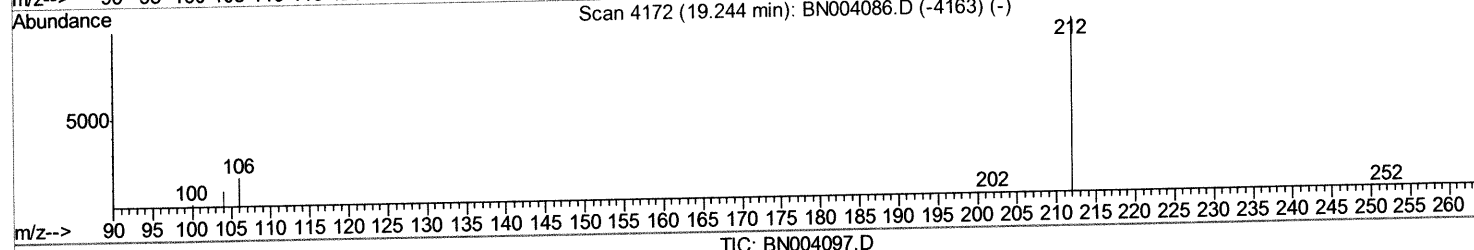
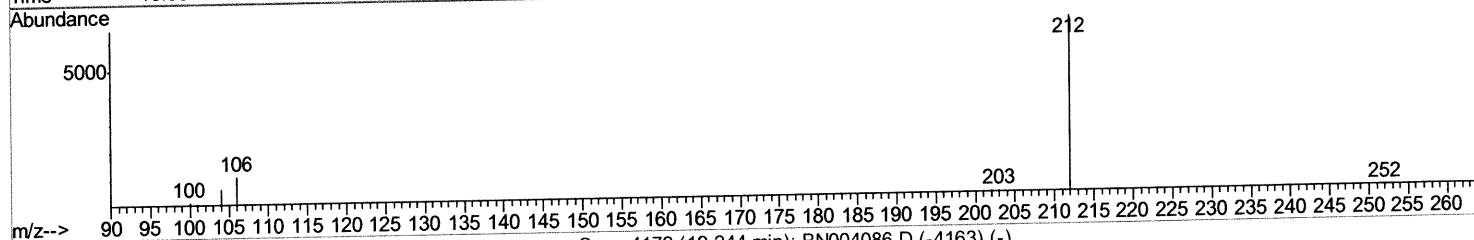
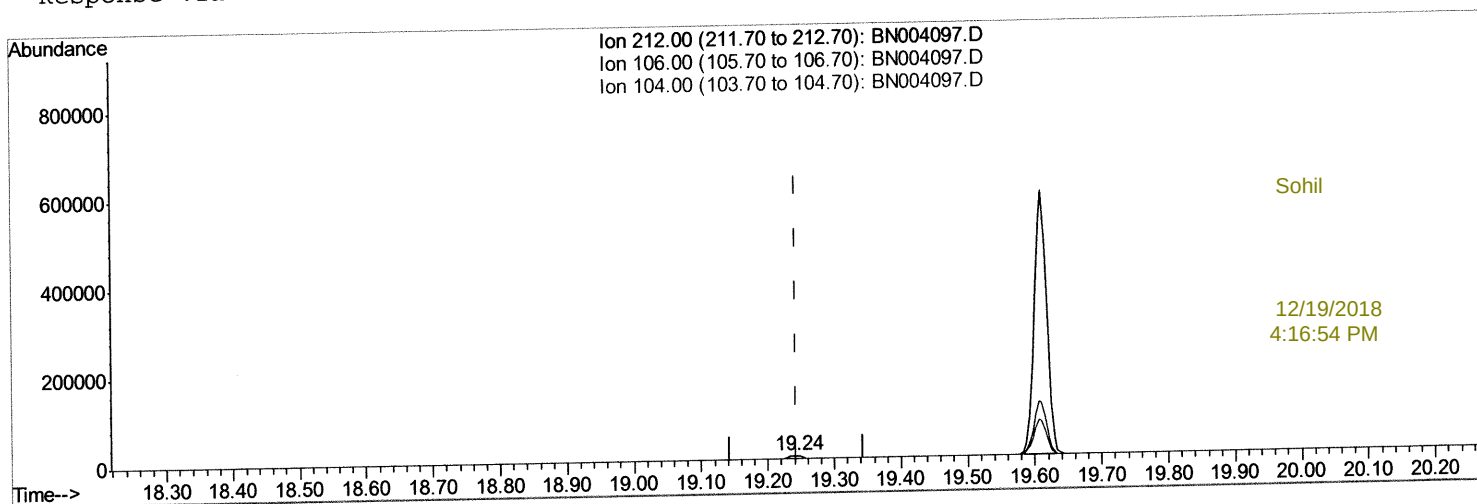
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121818\
Quantitation Report (Qedit)

Data File : BN004097.D
Acq On : 19 Dec 2018 03:14
Operator : JU/SJ
Sample : J6271-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E33

Manual Integrations
APPROVED

Quant Time: Dec 19 04:55:32 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 : Wed Dec 19 04:08:55 2018
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.244min (-0.000) 0.21ng/ul m

response 8773

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

> 55
12/19/18

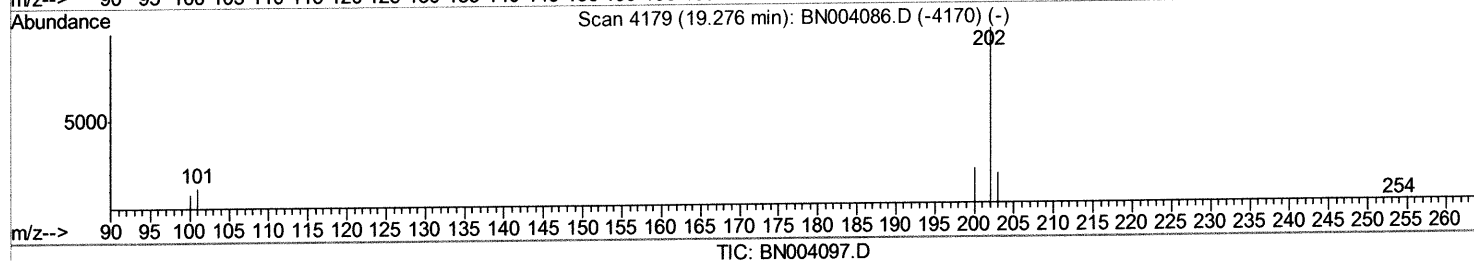
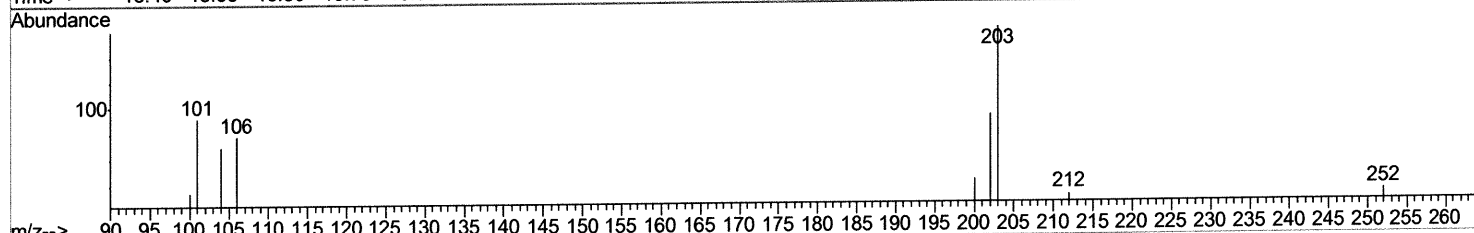
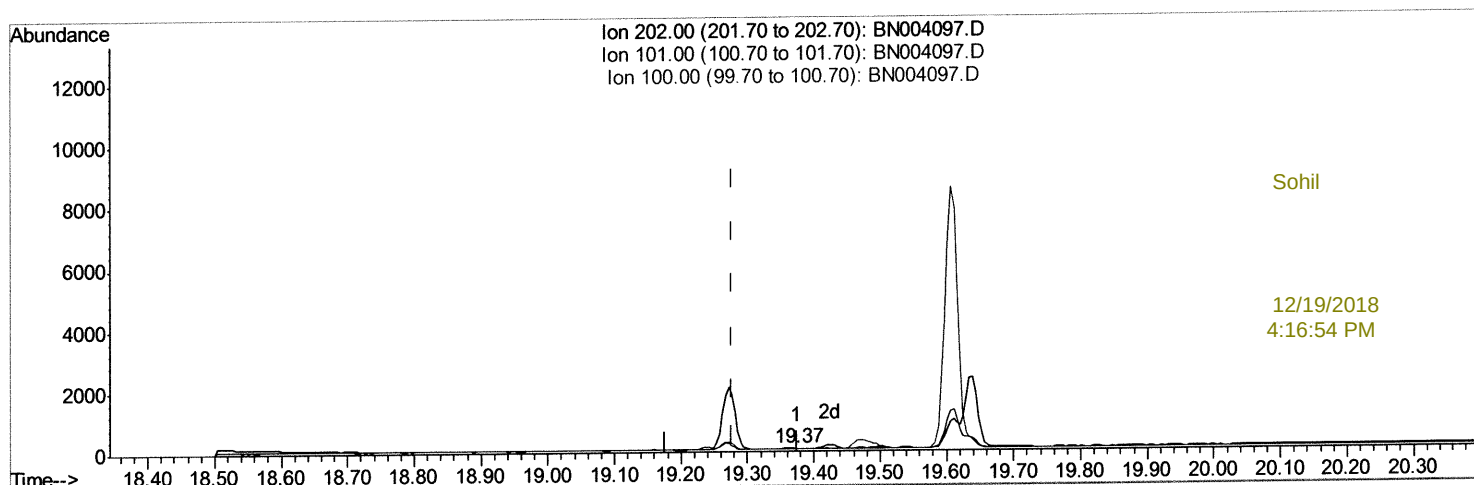
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121818\
Quantitation Report (Qedit)

Data File : BN004097.D
Acq On : 19 Dec 2018 03:14
Operator : JU/SJ
Sample : J6271-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E33

Manual Integrations
APPROVED

Quant Time: Dec 19 04:55:32 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 : Wed Dec 19 04:08:55 2018
Response via : Initial Calibration



(15) Fluoranthene (C)

19.374min (+0.098) 0.00ng/ul

response 23

Ion	Exp%	Act%
202.00	100	100
101.00	10.70	100.00#
100.00	8.10	69.79#
0.00	0.00	0.00

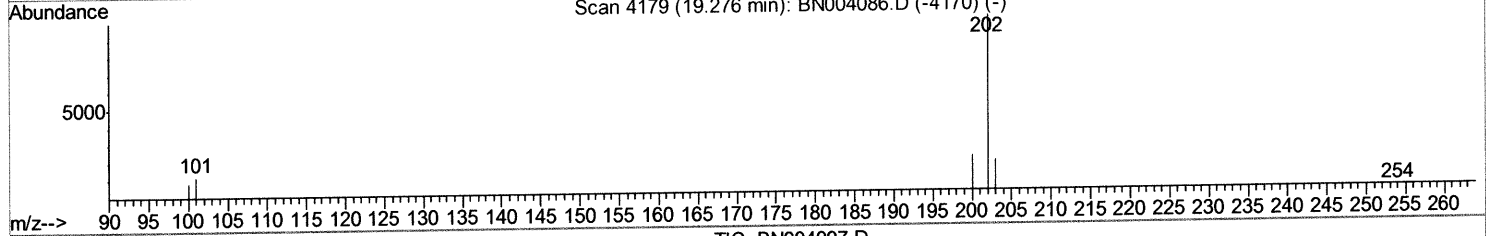
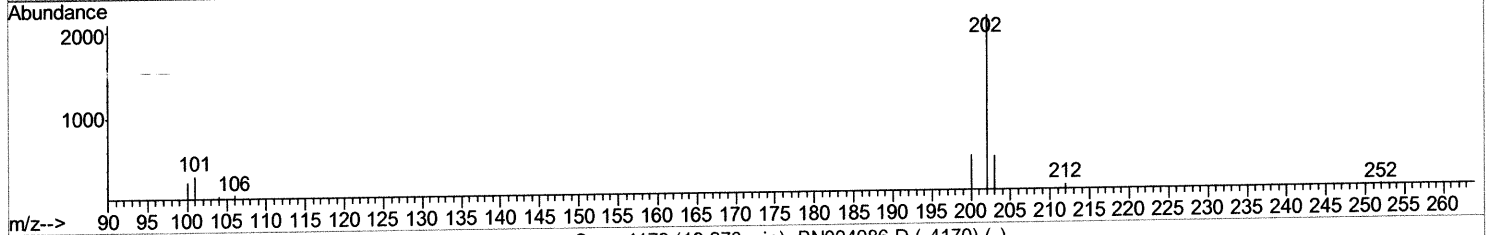
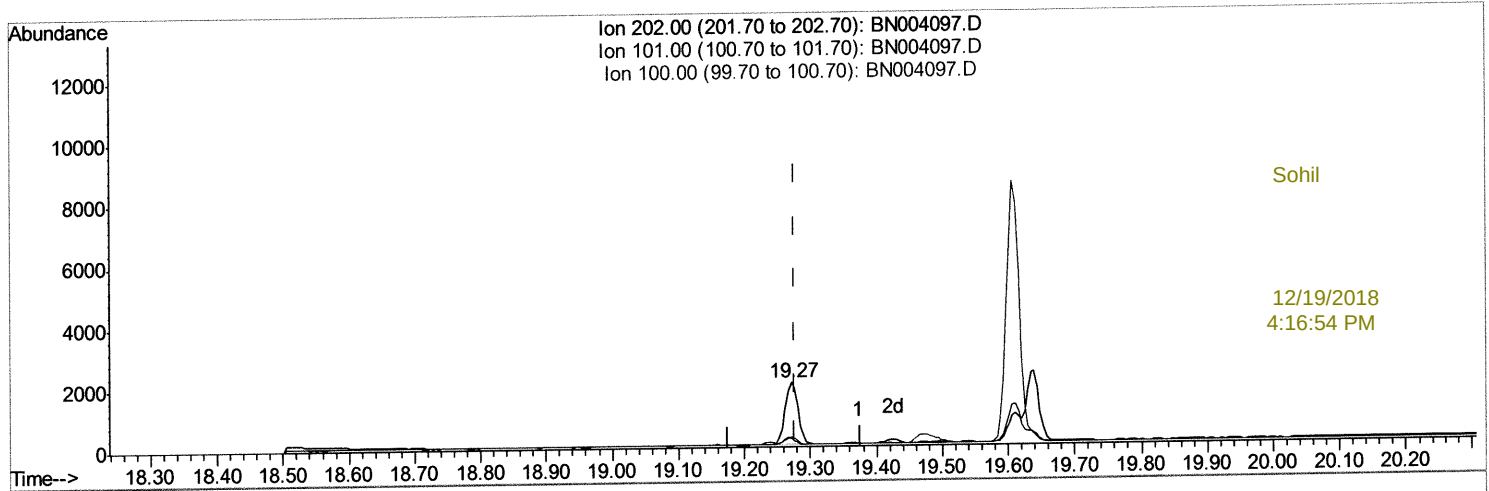
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121818\
Quantitation Report (Qedit)

Data File : BN004097.D
Acq On : 19 Dec 2018 03:14
Operator : JU/SJ
Sample : J6271-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E33

Manual Integrations
APPROVED

Quant Time: Dec 19 04:55:32 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 : Wed Dec 19 04:08:55 2018
Response via : Initial Calibration



(15) Fluoranthene (C)

19.271min (-0.005) 0.05ng/ul m

response 2696

Ion	Exp%	Act%
202.00	100	100
101.00	10.70	15.60
100.00	8.10	12.21
0.00	0.00	0.00

> SJ
12/19/18

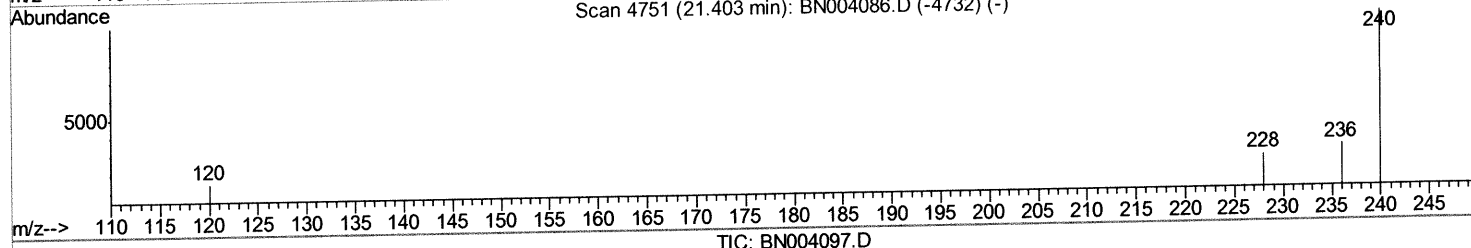
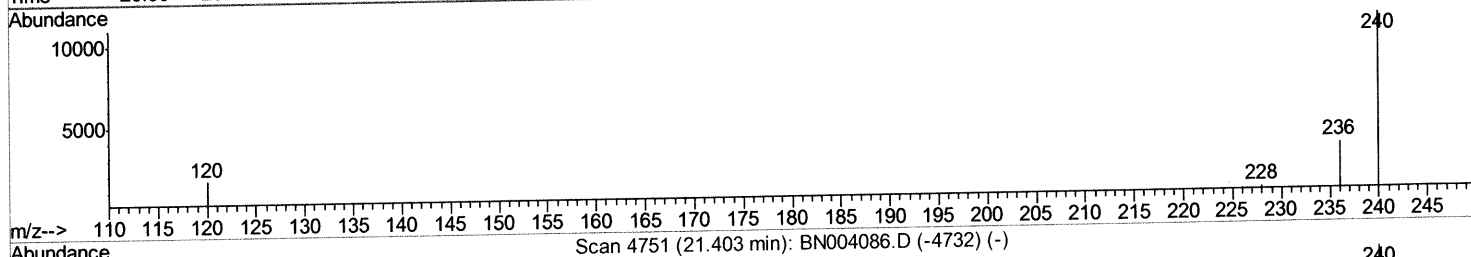
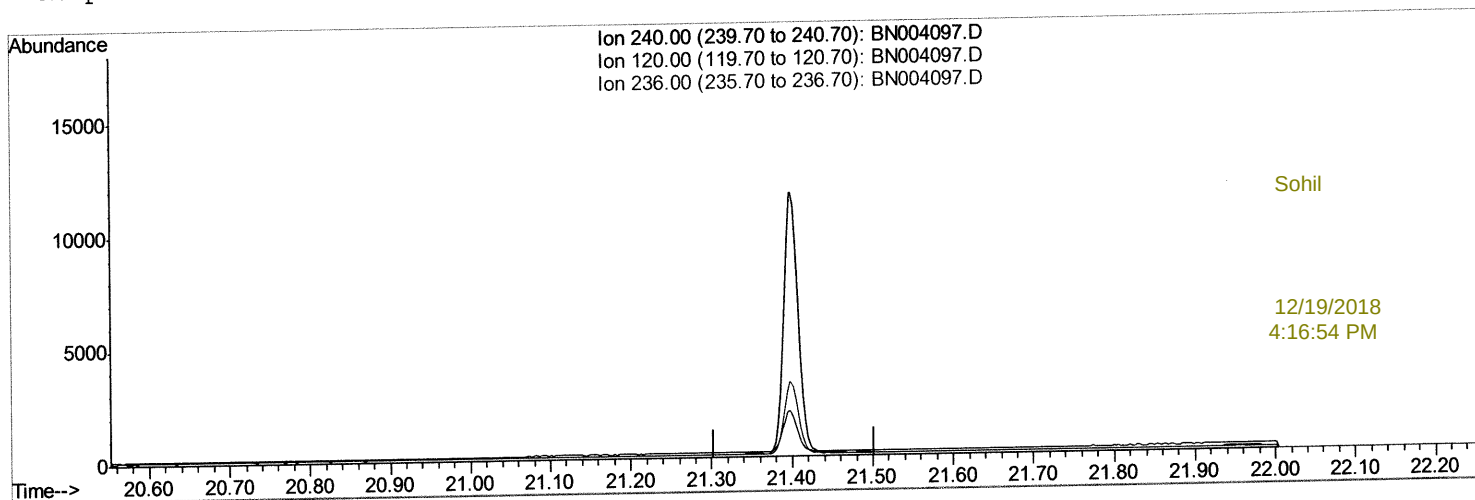
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121818\
Quantitation Report (Qedit)

Data File : BN004097.D
Acq On : 19 Dec 2018 03:14
Operator : JU/SJ
Sample : J6271-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E33

Manual Integrations
APPROVED

Quant Time: Dec 19 04:55:32 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 : Wed Dec 19 04:08:55 2018
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.403min (-21.403) 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

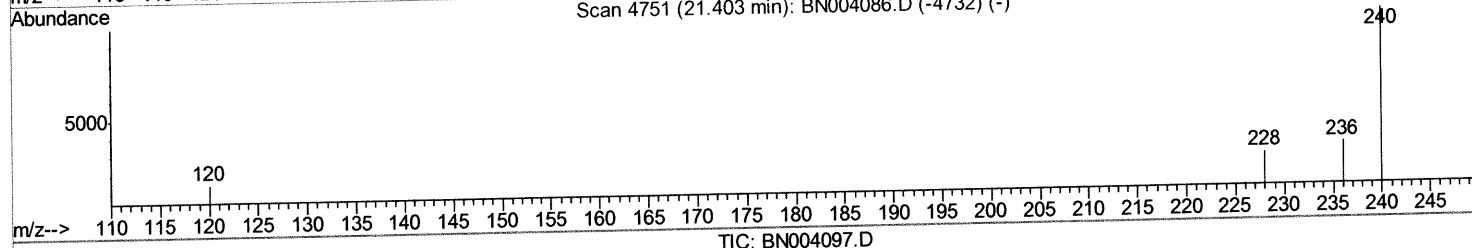
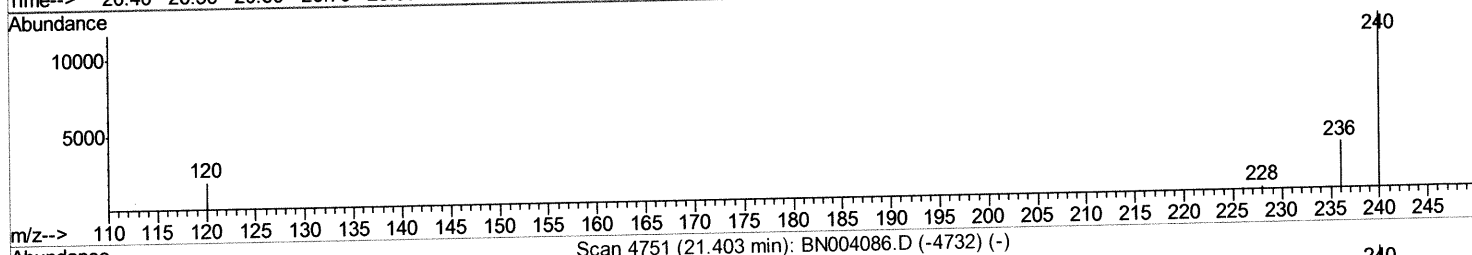
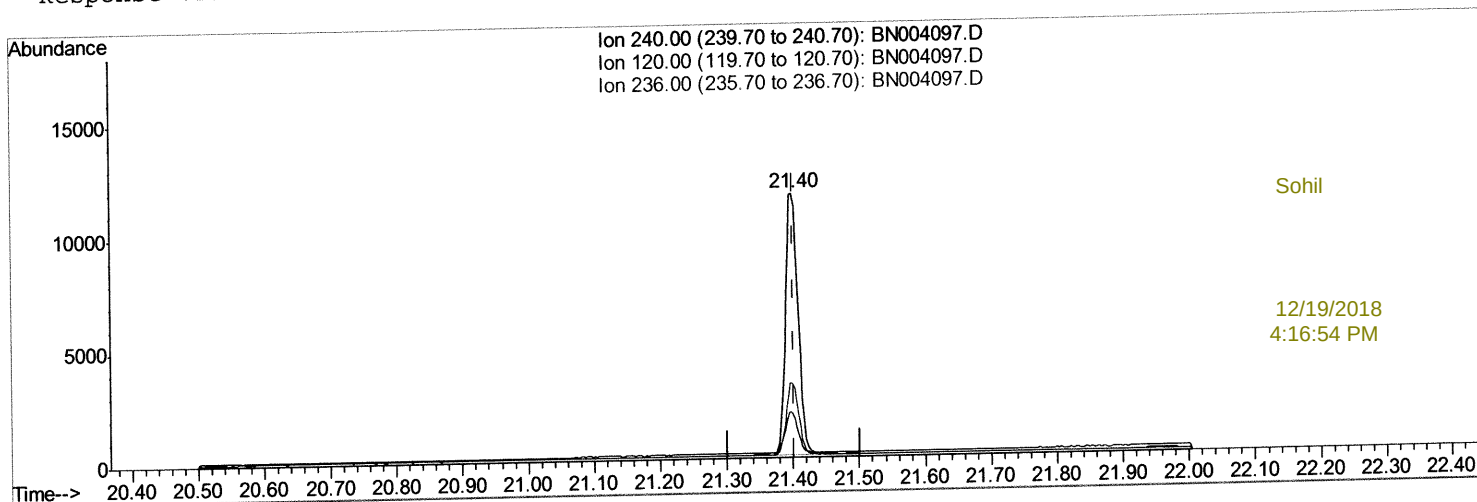
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121818\
Quantitation Report (Qedit)

Data File : BN004097.D
Acq On : 19 Dec 2018 03:14
Operator : JU/SJ
Sample : J6271-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E33

Manual Integrations
APPROVED

Quant Time: Dec 19 04:55:32 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 : Wed Dec 19 04:08:55 2018
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.400min (-0.003) 0.40ng/ul m

response 15092

> SJ
12/19/18

Ion	Exp%	Act%
240.00	100	100
120.00	14.00	16.94#
236.00	27.60	28.11
0.00	0.00	0.00

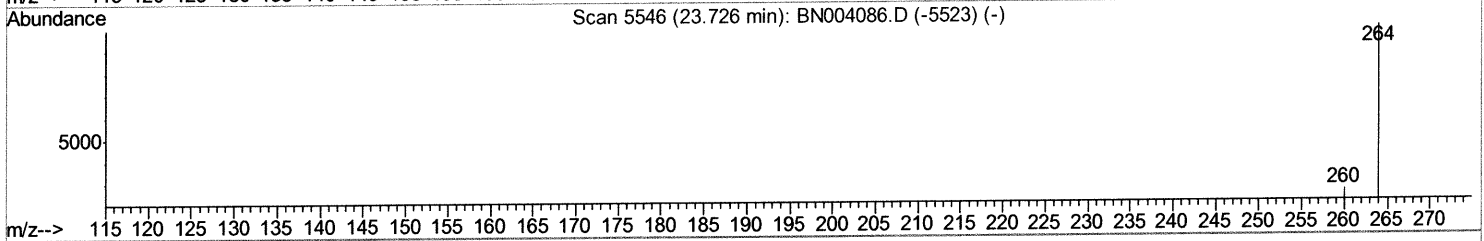
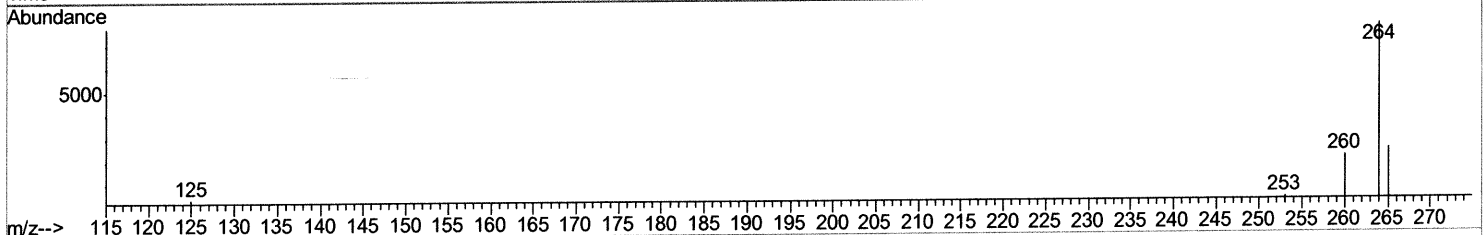
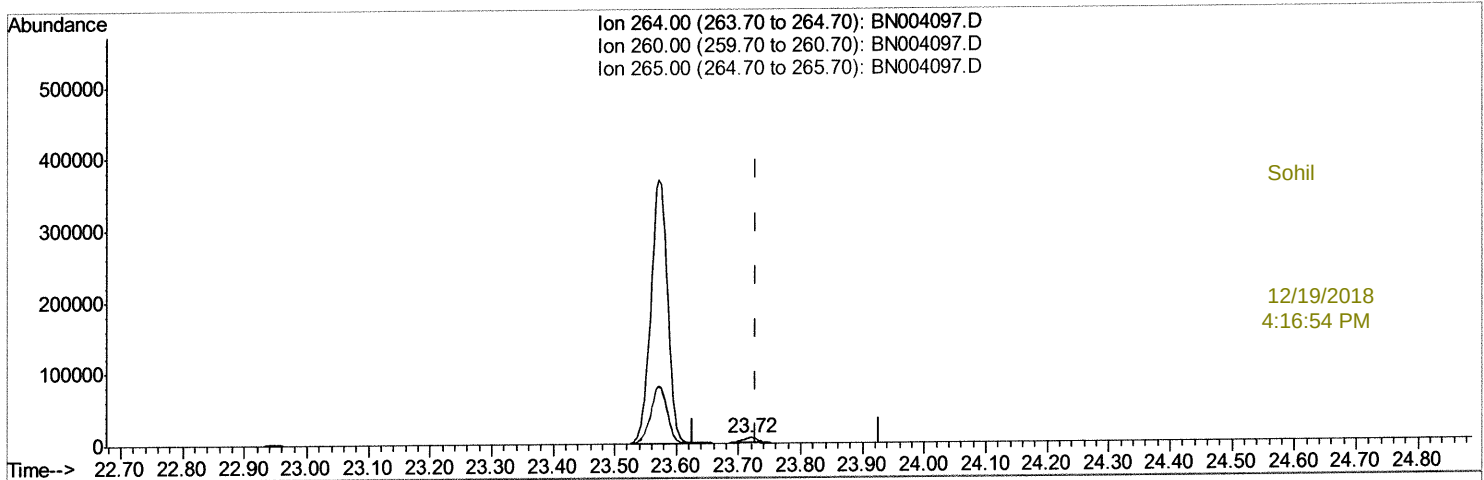
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121818\
Quantitation Report (Qedit)

Data File : BN004097.D
Acq On : 19 Dec 2018 03:14
Operator : JU/SJ
Sample : J6271-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E33

Manual Integrations
APPROVED

Quant Time: Dec 19 04:56:33 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 : Wed Dec 19 04:08:55 2018
Response via : Initial Calibration



TIC: BN004097.D

(20) Perylene-d12 (I)

23.718min (-0.009) 0.40ng/ul

response 15120

Ion	Exp%	Act%
264.00	100	100
260.00	26.20	26.82
265.00	33.50	30.86
0.00	0.00	0.00

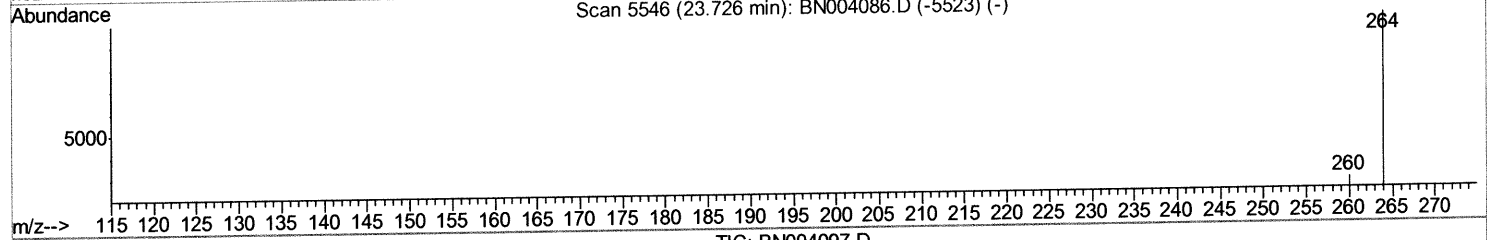
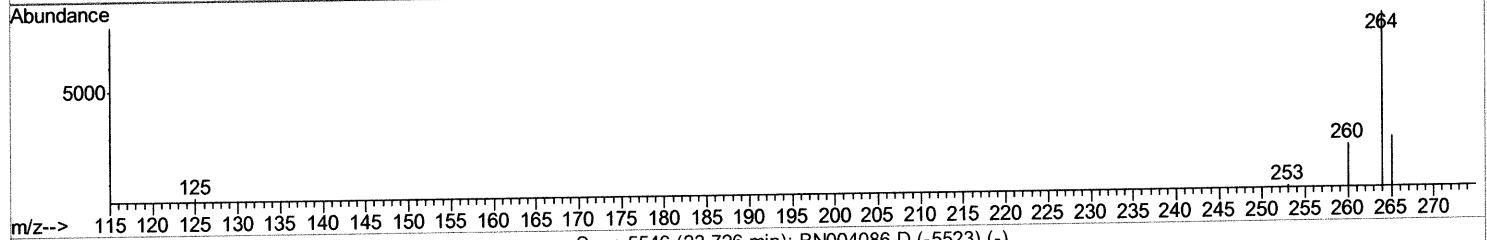
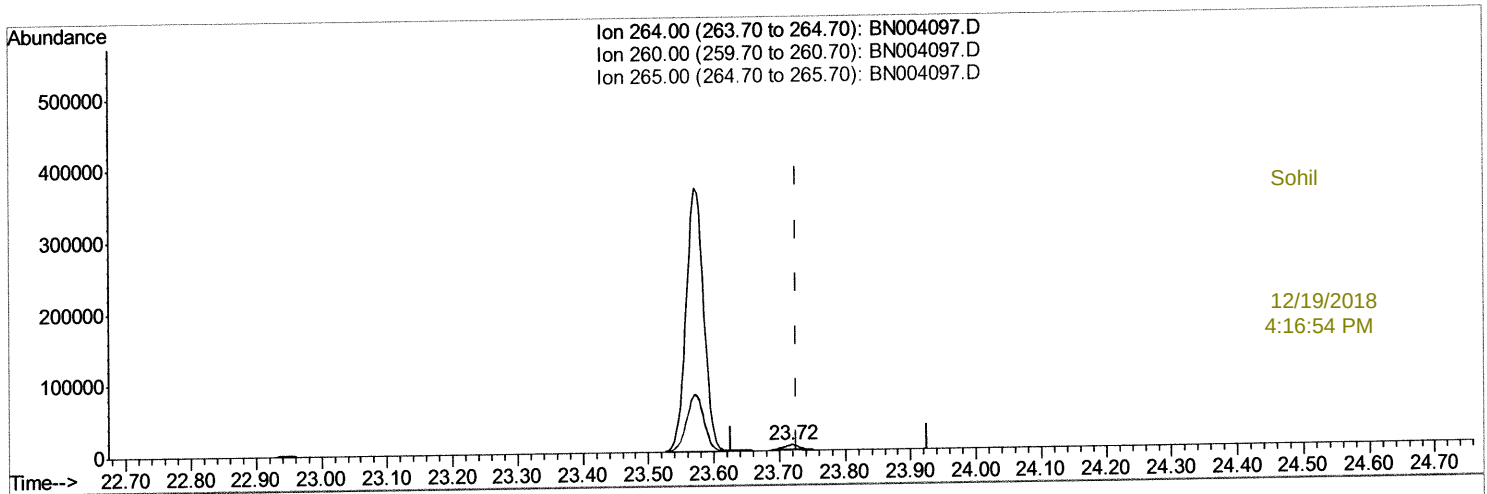
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121818\
Quantitation Report (Qedit)

Data File : BN004097.D
Acq On : 19 Dec 2018 03:14
Operator : JU/SJ
Sample : J6271-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E33

Manual Integrations
APPROVED

Quant Time: Dec 19 04:56:33 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 : Wed Dec 19 04:08:55 2018
Response via : Initial Calibration



(20) Perylene-d12 (I)

23.718min (-0.009) 0.40ng/ul m

response 13637

Ion	Exp%	Act%
264.00	100	100
260.00	26.20	26.82
265.00	33.50	30.86
0.00	0.00	0.00

> SJ
12/19/18

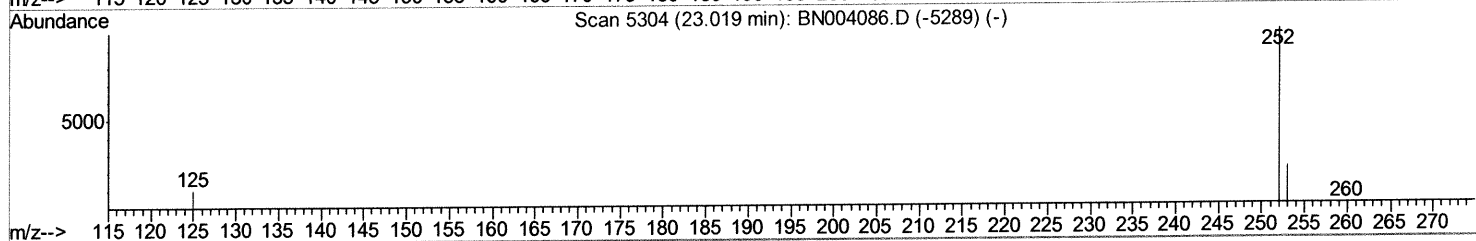
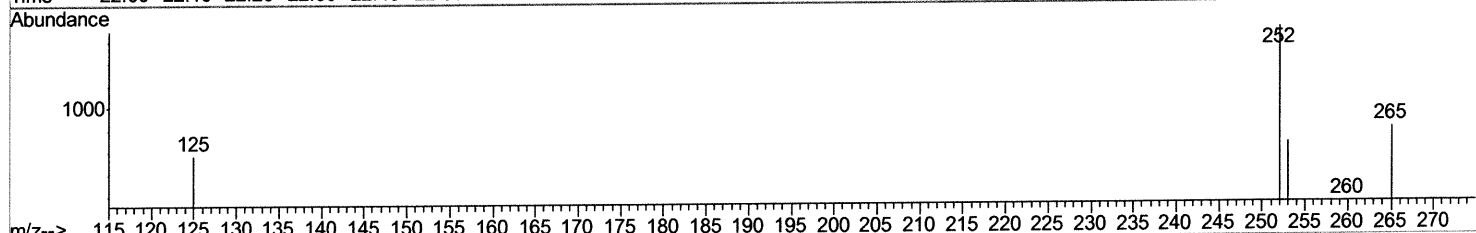
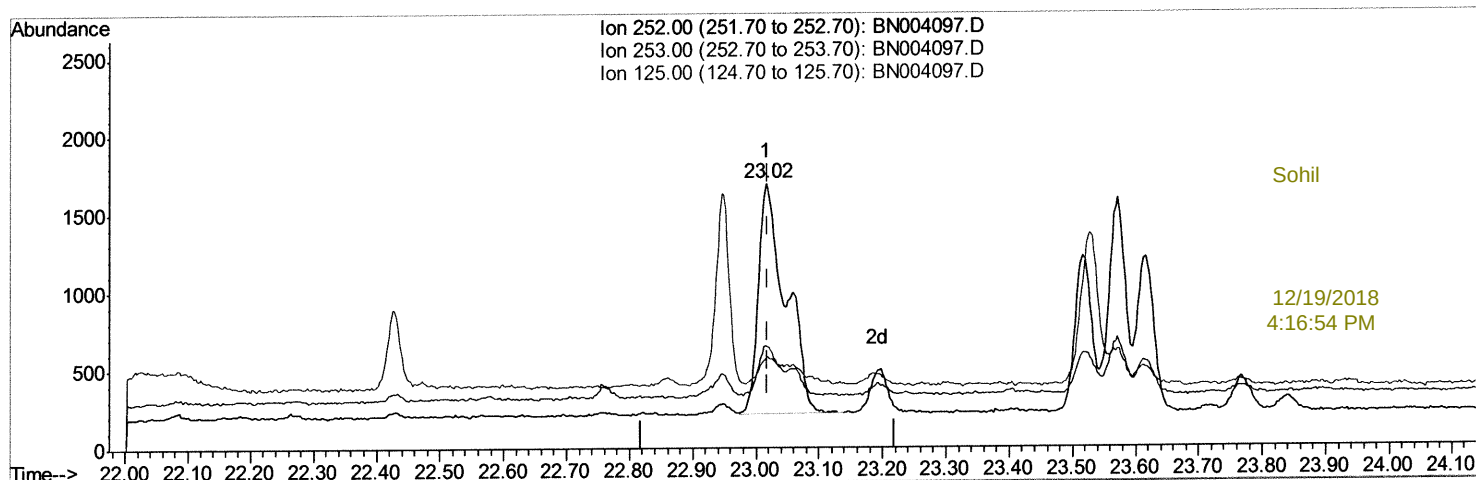
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121818\
Quantitation Report (Qedit)

Data File : BN004097.D
Acq On : 19 Dec 2018 03:14
Operator : JU/SJ
Sample : J6271-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E33

Manual Integrations
APPROVED

Quant Time: Dec 19 04:56:57 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 : Wed Dec 19 04:08:55 2018
Response via : Initial Calibration



TIC: BN004097.D

(21) Benzo(b)fluoranthene
23.016min (-0.003) 0.08ng/ul
response 4449

Ion	Exp%	Act%
252.00	100	100
253.00	23.00	38.82
125.00	11.20	33.69#
0.00	0.00	0.00

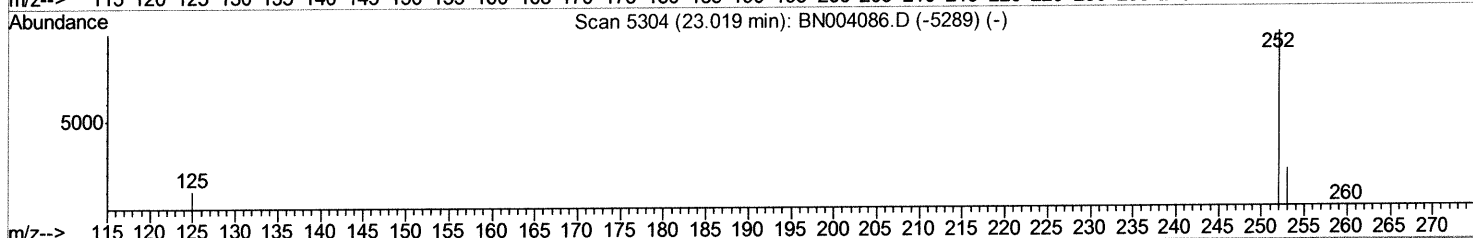
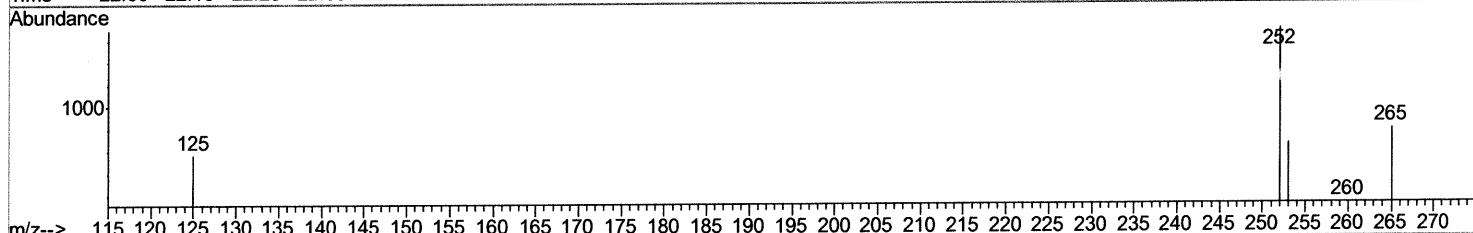
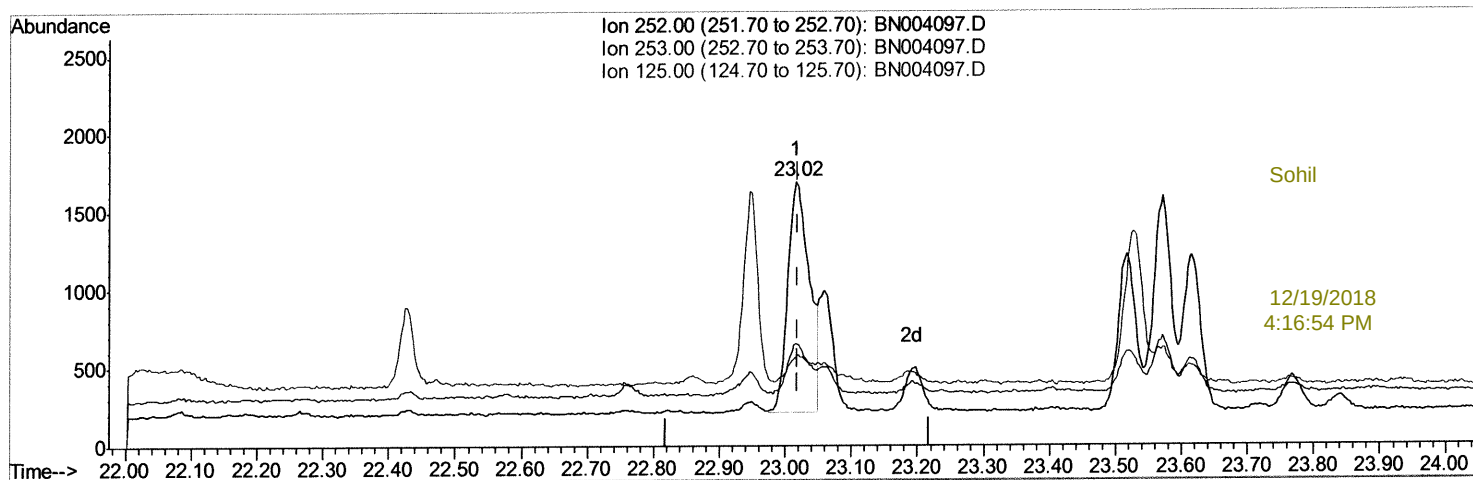
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121818\
Quantitation Report (Qedit)

Data File : BN004097.D
Acq On : 19 Dec 2018 03:14
Operator : JU/SJ
Sample : J6271-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E33

Manual Integrations
APPROVED

Quant Time: Dec 19 04:56:57 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 : Wed Dec 19 04:08:55 2018
Response via : Initial Calibration



TIC: BN004097.D

(21) Benzo(b)fluoranthene

23.016min (-0.003) 0.06ng/ul m

response 3313

Ion	Exp%	Act%
252.00	100	100
253.00	23.00	38.82
125.00	11.20	33.69#
0.00	0.00	0.00

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12/19/18

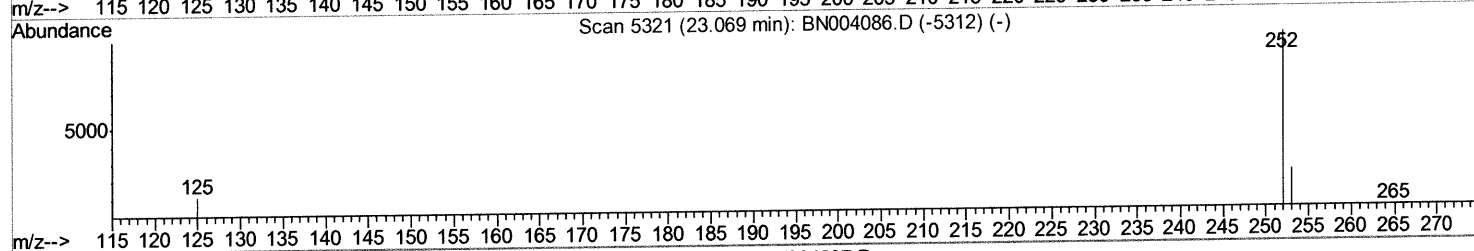
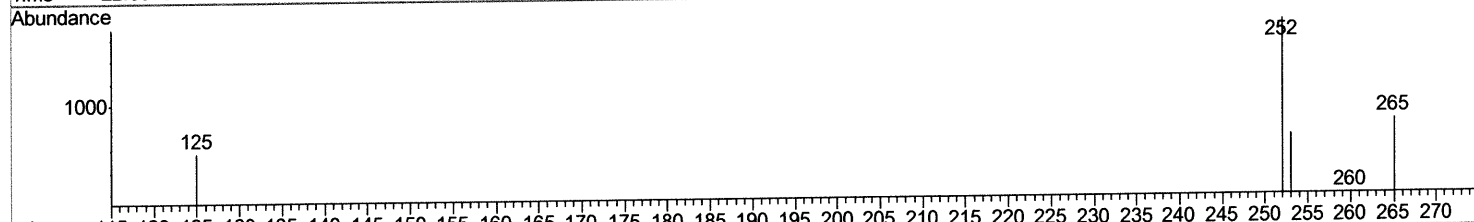
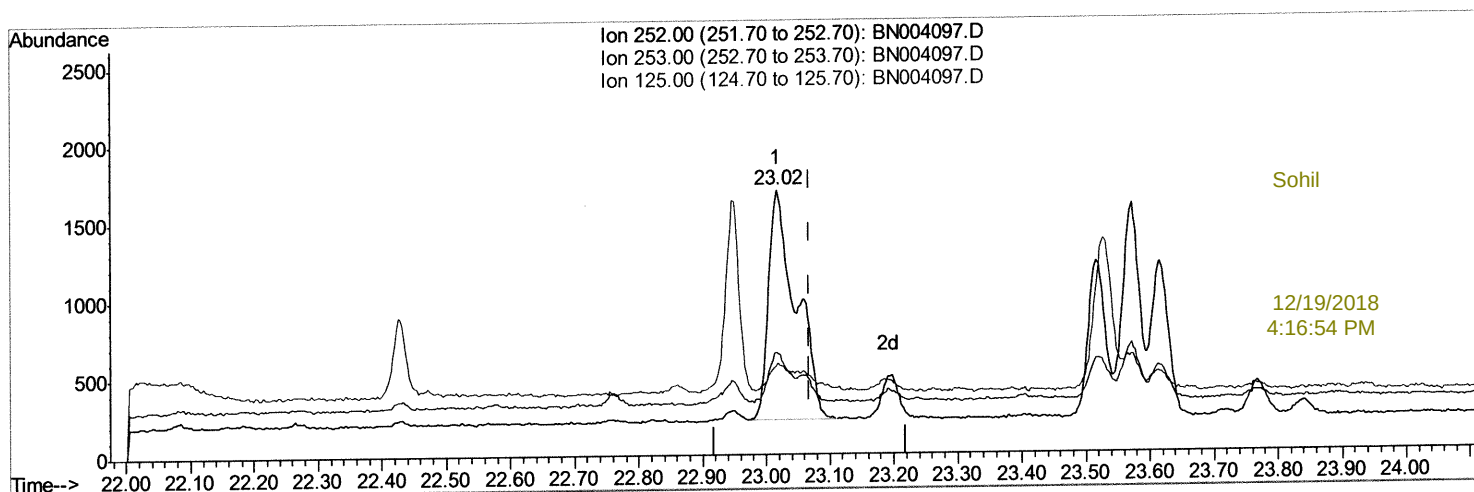
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121818\
Quantitation Report (Qedit)

Data File : BN004097.D
Acq On : 19 Dec 2018 03:14
Operator : JU/SJ
Sample : J6271-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
F9E33

Manual Integrations
APPROVED

Quant Time: Dec 19 04:56:57 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 : Wed Dec 19 04:08:55 2018
Response via : Initial Calibration



TIC: BN004097.D

(22) Benzo(k)fluoranthene
23.016min (-0.053) 0.08ng/ul
response 4389

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	38.82#
125.00	11.30	33.69#
0.00	0.00	0.00

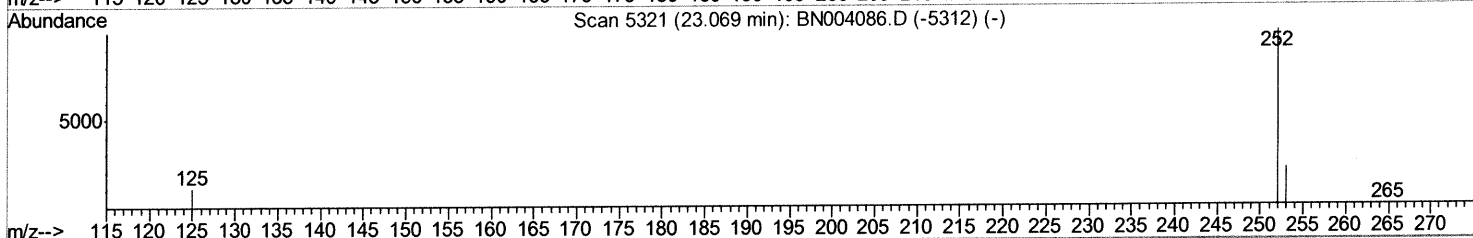
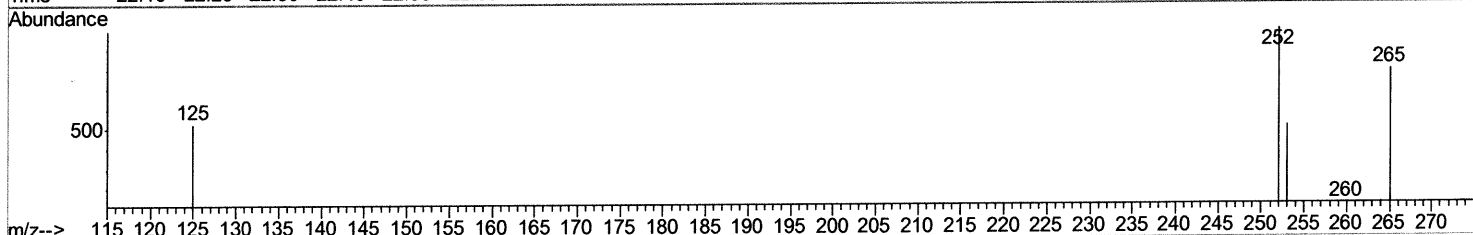
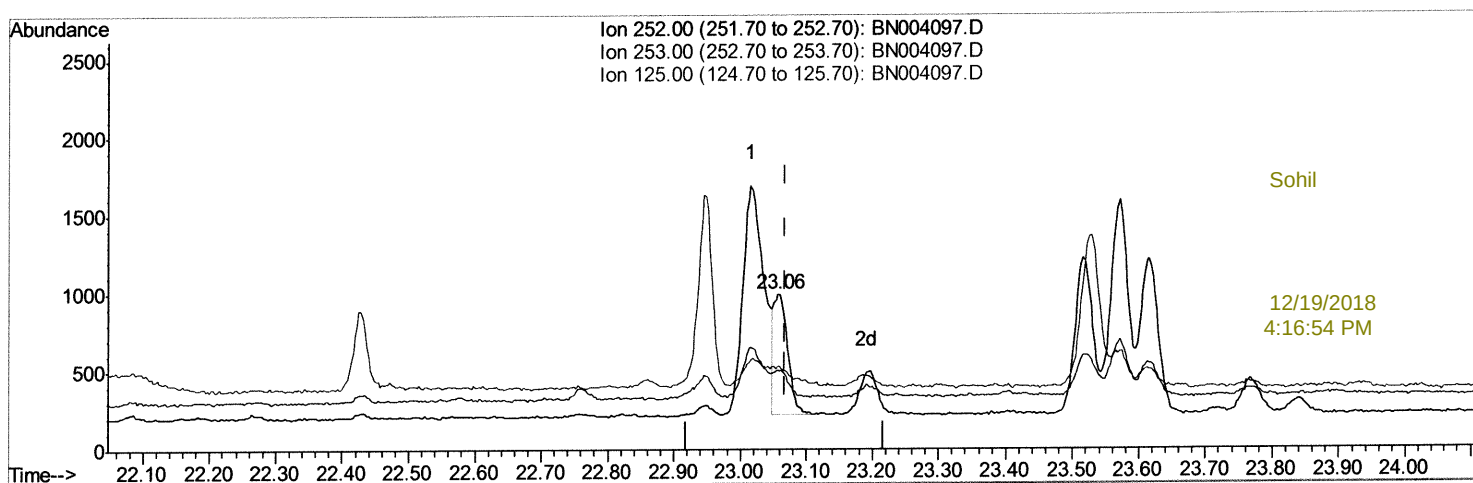
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121818\
Quantitation Report (Qedit)

Data File : BN004097.D
Acq On : 19 Dec 2018 03:14
Operator : JU/SJ
Sample : J6271-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E33

Manual Integrations
APPROVED

Quant Time: Dec 19 04:56:57 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 : Wed Dec 19 04:08:55 2018
Response via : Initial Calibration



TIC: BN004097.D

(22) Benzo(k)fluoranthene

23.057min (-0.012) 0.02ng/ul m

response 1125

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	51.10#
125.00	11.30	53.11#
0.00	0.00	0.00

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Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121818\
Quantitation Report (QT Reviewed)

Data File : BN004097.D
Acq On : 19 Dec 2018 03:14
Operator : JU/SJ
Sample : J6271-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E33

Manual Integrations
APPROVED

Quant Time: Dec 19 04:57:36 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 : Wed Dec 19 04:08:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	1981	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	9636	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5789	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	14459m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	15092m	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	13637m	0.40	ng/ul	0.00

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System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.22	152	2840	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	8773m	0.21	ng/ul	0.00

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Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
7) Acenaphthylene	14.19	152	544	0.021	ng/ul#	67
12) Phenanthrene	17.25	178	1718m	0.036	ng/ul	
15) Fluoranthene	19.27	202	2696m	0.048	ng/ul	
17) Pyrene	19.64	202	2942	0.054	ng/ul#	90
18) Benzo(a)anthracene	21.38	228	1937	0.041	ng/ul#	85
19) Chrysene	21.43	228	2637	0.048	ng/ul#	88
21) Benzo(b)fluoranthene	23.02	252	3313m	0.059	ng/ul	
22) Benzo(k)fluoranthene	23.06	252	1125m	0.020	ng/ul	
23) Benzo(a)pyrene	23.62	252	1814	0.037	ng/ul#	46
24) Indeno(1,2,3-cd)pyrene	26.08	276	1596	0.028	ng/ul#	95
26) Benzo(g,h,i)perylene	26.81	276	1419	0.029	ng/ul#	54

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12/19/18

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