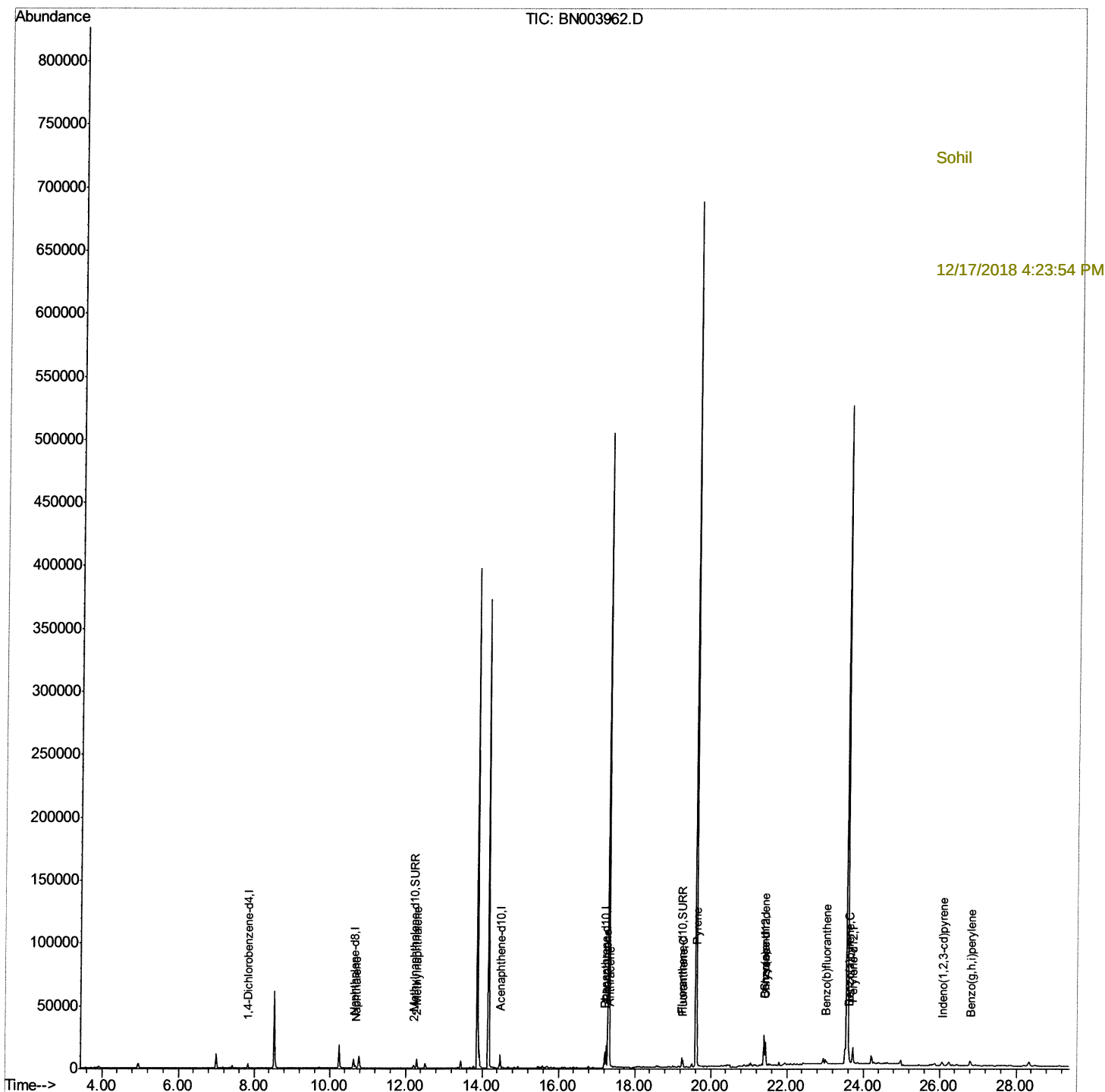


Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121518\
Quantitation Report (QT Reviewed)
Data File : BN003962.D
Acq On : 15 Dec 2018 16:52
Operator : JU/SJ
Sample : J6227-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
F9E68

Manual Integrations
APPROVED

Quant Time: Dec 15 23:04:37 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 : Sat Dec 15 21:58:36 2018
Response via : Initial Calibration



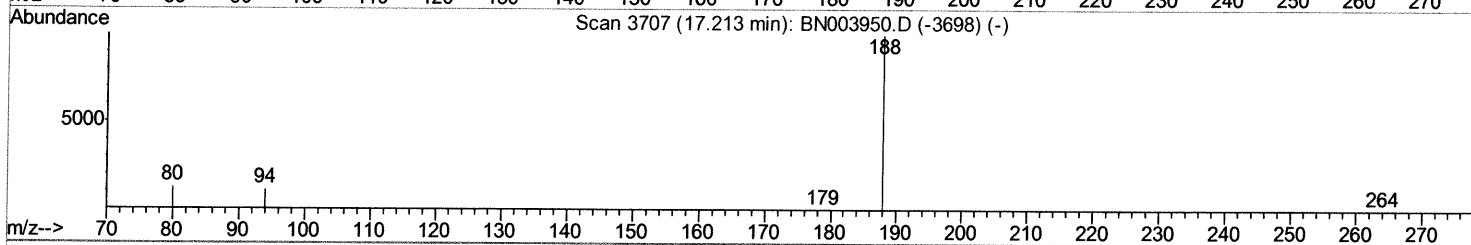
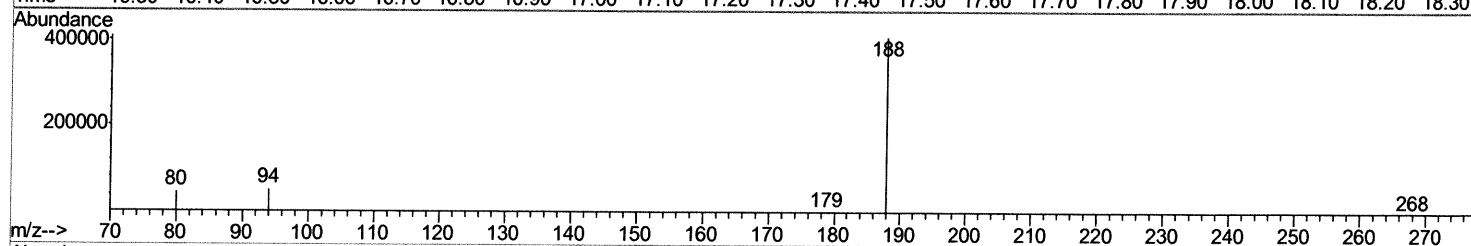
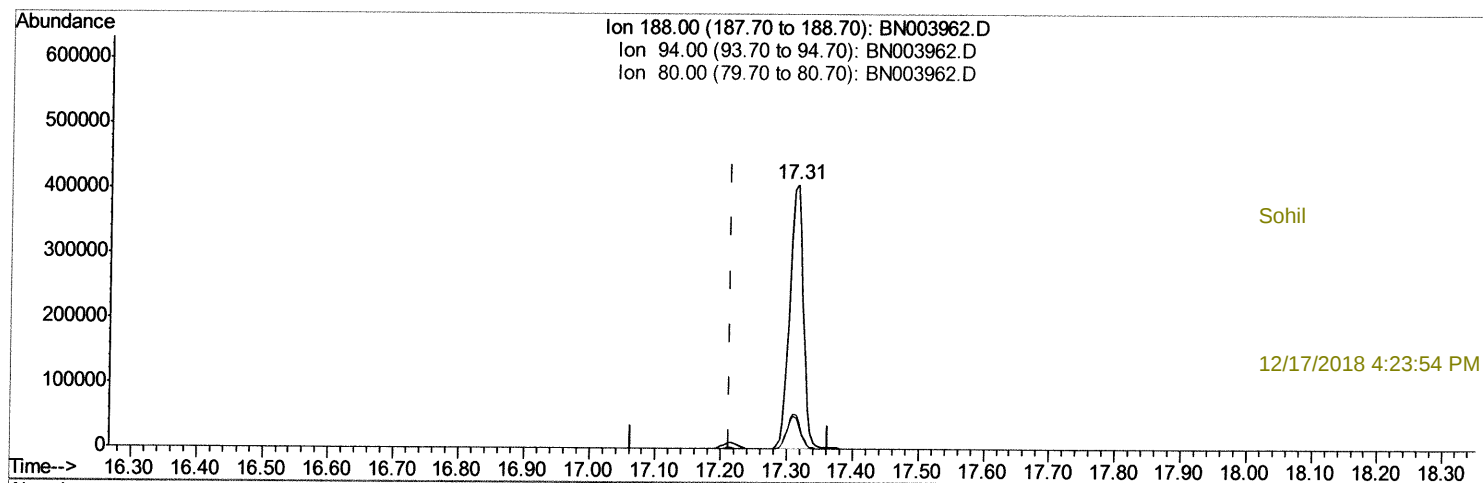
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121518\
Quantitation Report (Qedit)

Data File : BN003962.D
Acq On : 15 Dec 2018 16:52
Operator : JU/SJ
Sample : J6227-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E68

Manual Integrations
APPROVED

Quant Time: Dec 15 22:02:42 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 21:58:36 2018
Response via : Initial Calibration



TIC: BN003962.D

(10) Phenanthrene-d10 (I)

17.314min (+0.101) 0.40ng/ul

response 577666

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	12.57#
80.00	11.60	11.16
0.00	0.00	0.00

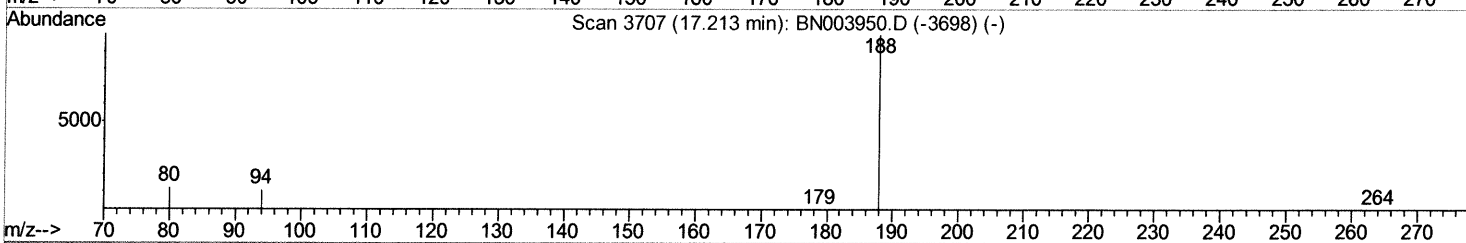
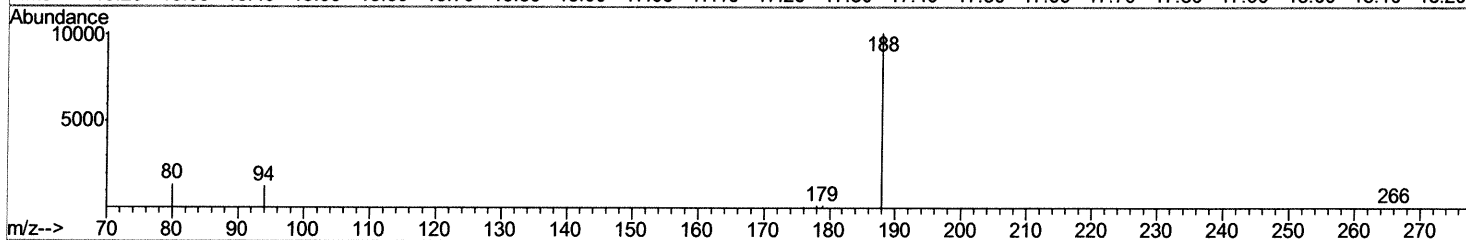
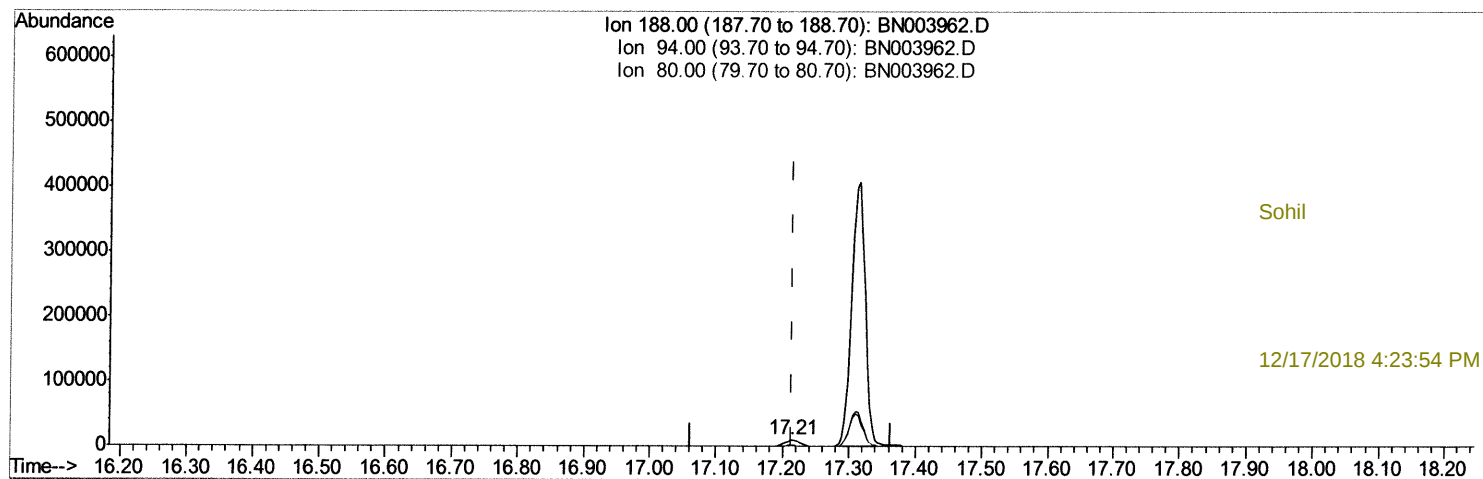
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121518\
Quantitation Report (Qedit)

Data File : BN003962.D
Acq On : 15 Dec 2018 16:52
Operator : JU/SJ
Sample : J6227-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E68

Manual Integrations
APPROVED

Quant Time: Dec 15 22:02:42 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 21:58:36 2018
Response via : Initial Calibration



TIC: BN003962.D

(10) Phenanthrene-d10 (I)

17.213min (-0.000) 0.40ng/ul m

response 14428

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	12.69#
80.00	11.60	13.80
0.00	0.00	0.00

52 12/17/18

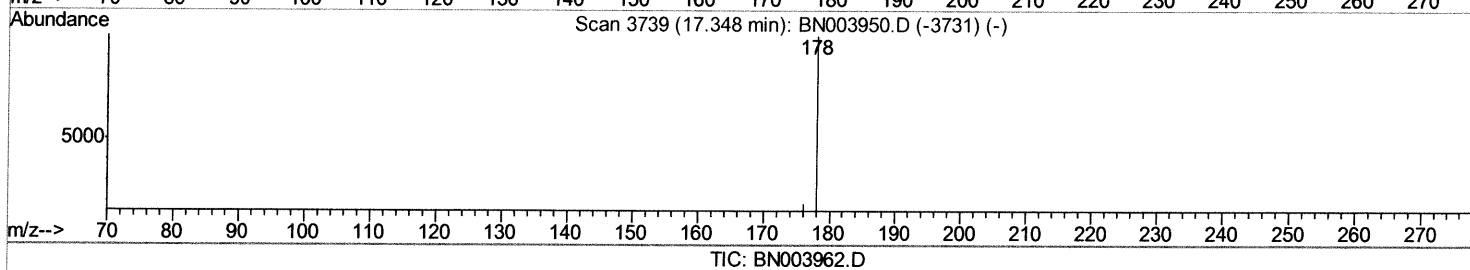
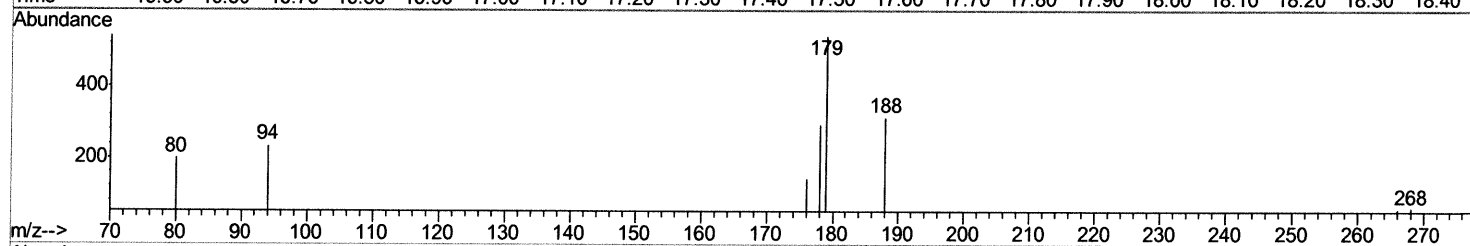
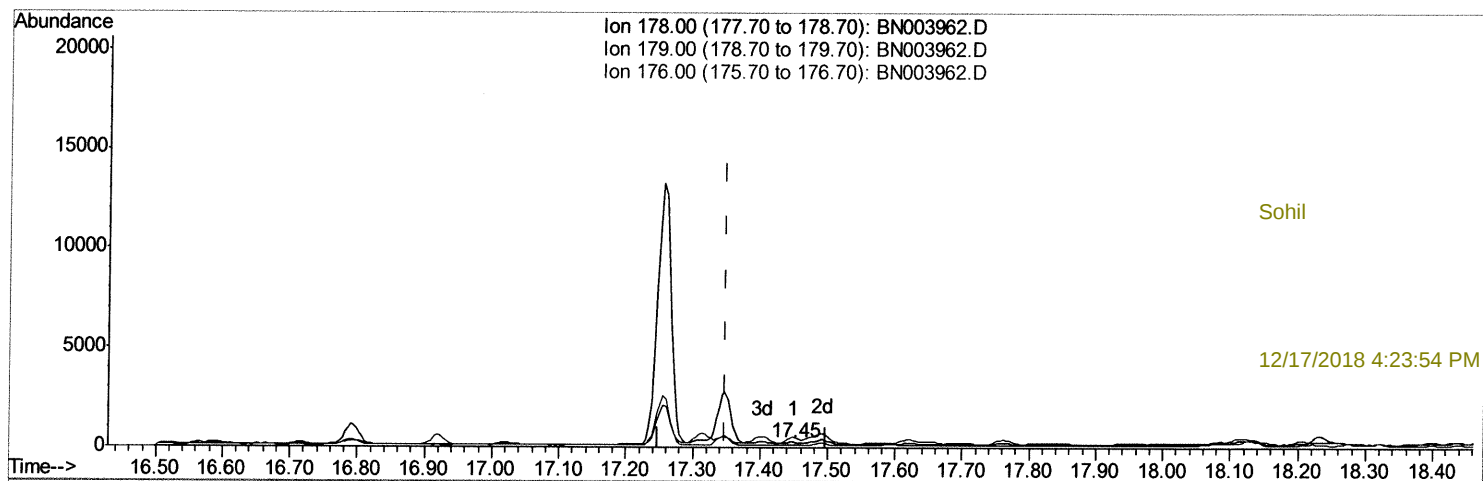
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121518\
Quantitation Report (Qedit)

Data File : BN003962.D
Acq On : 15 Dec 2018 16:52
Operator : JU/SJ
Sample : J6227-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E68

Manual Integrations
APPROVED

Quant Time: Dec 15 22:02:42 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 21:58:36 2018
Response via : Initial Calibration



(13) Anthracene

17.449min (+0.101) 0.00ng/ul

response 140

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	185.57#
176.00	18.50	48.45#
0.00	0.00	0.00

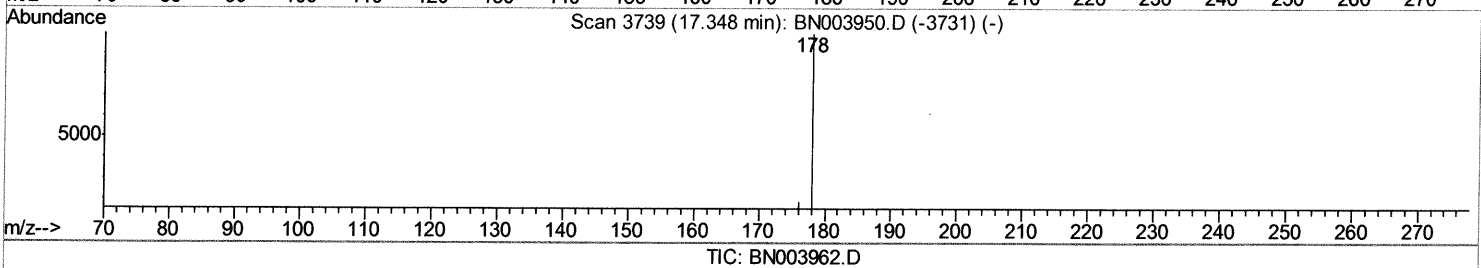
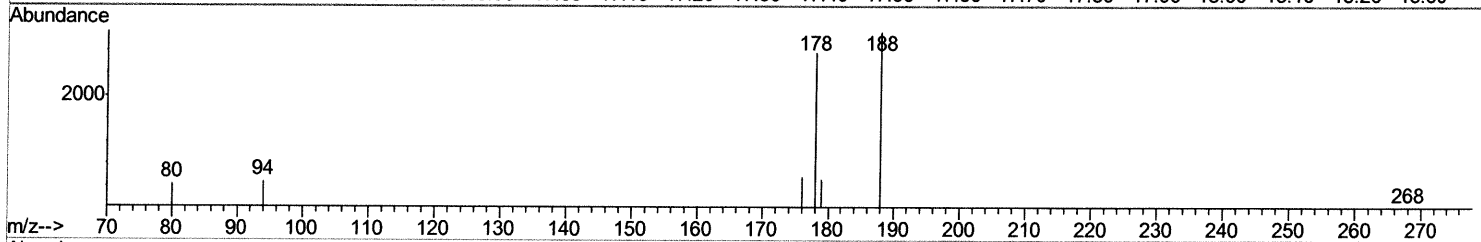
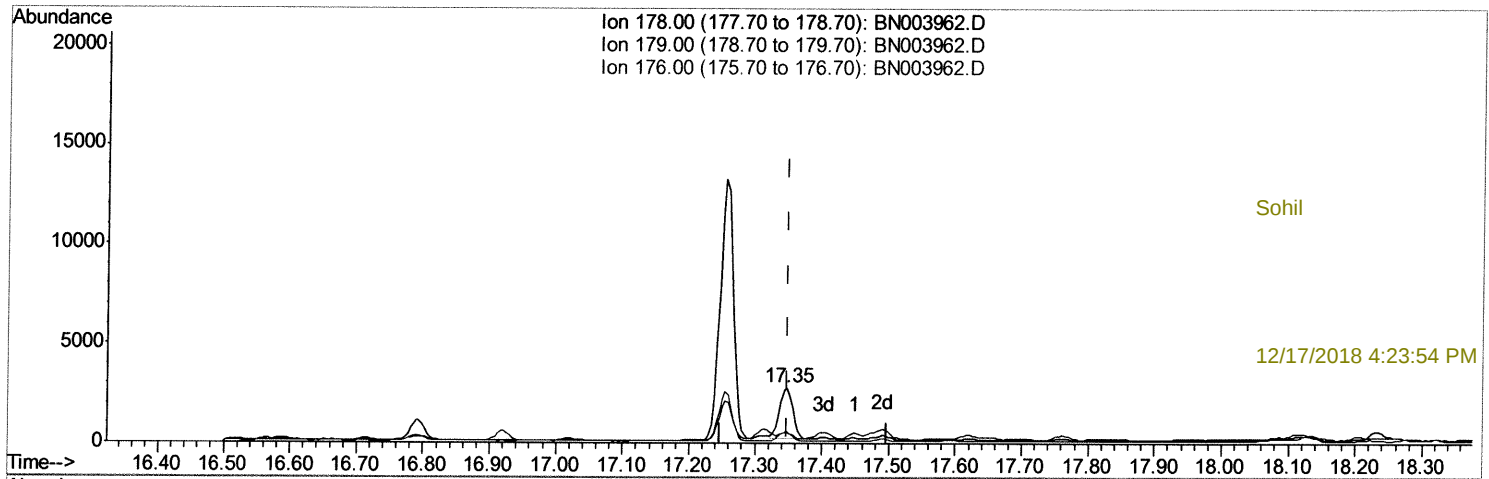
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121518\
Quantitation Report (Qedit)

Data File : BN003962.D
Acq On : 15 Dec 2018 16:52
Operator : JU/SJ
Sample : J6227-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E68

Manual Integrations
APPROVED

Quant Time: Dec 15 22:02:42 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 21:58:36 2018
Response via : Initial Calibration



(13) Anthracene

17.348min (-0.000) 0.09ng/ul m

SJ 12/17/18

response 3544

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	19.36#
176.00	18.50	21.05
0.00	0.00	0.00

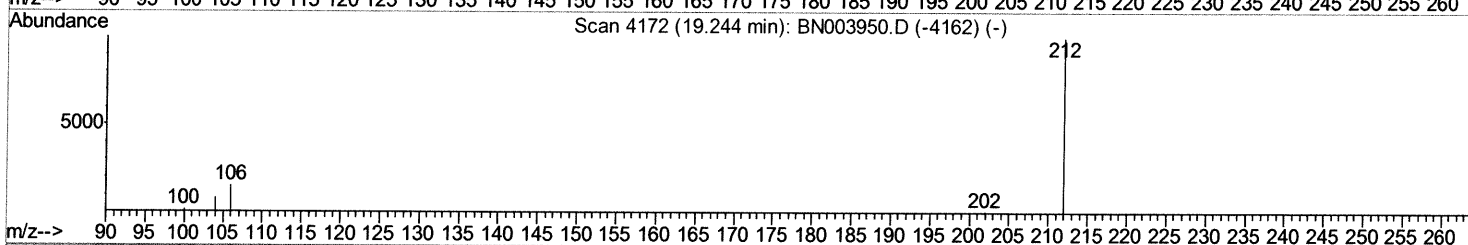
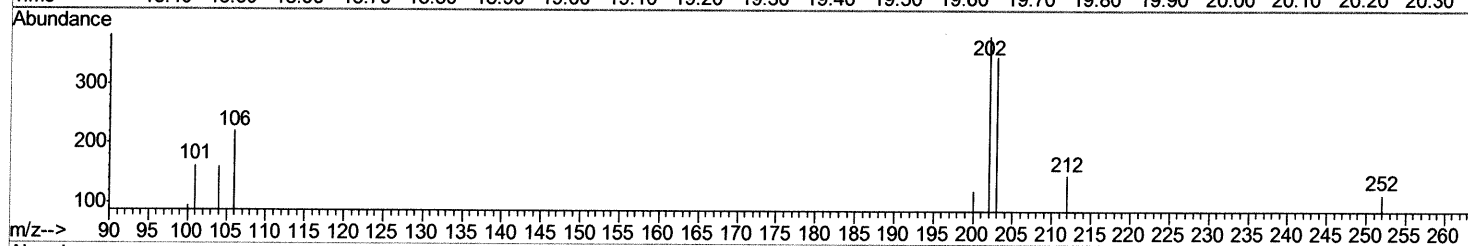
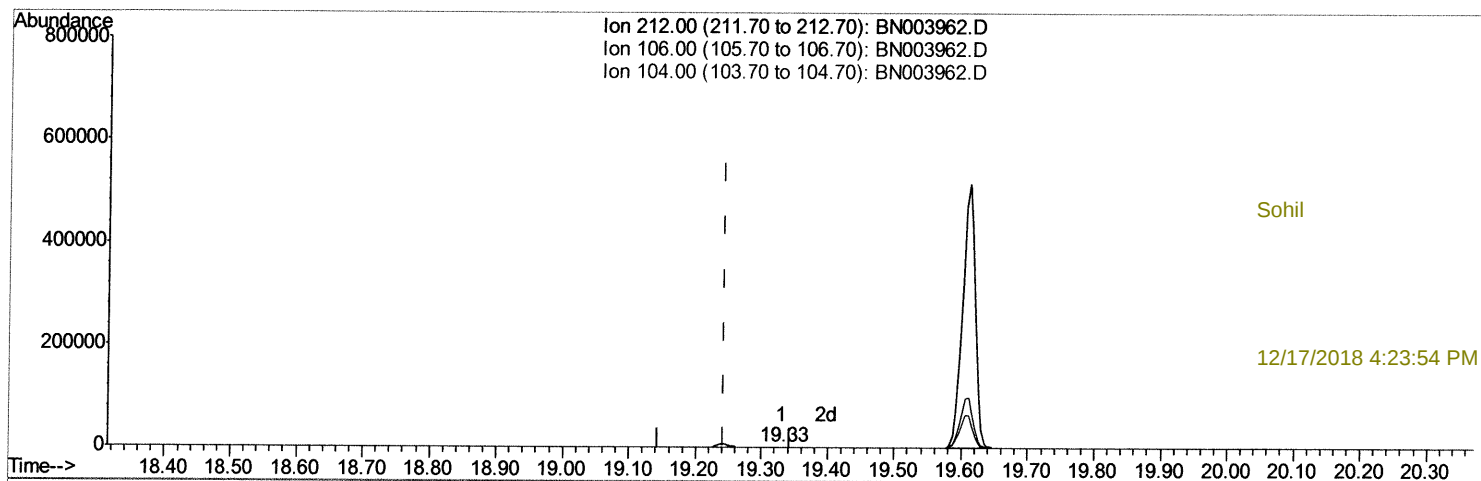
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121518\
Quantitation Report (Qedit)

Data File : BN003962.D
Acq On : 15 Dec 2018 16:52
Operator : JU/SJ
Sample : J6227-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E68

Manual Integrations
APPROVED

Quant Time: Dec 15 22:02:42 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 21:58:36 2018
Response via : Initial Calibration



TIC: BN003962.D

(14) Fluoranthene-d10 (SURR)

19.332min (+0.088) 0.00ng/ul

response 81

Ion	Exp%	Act%
212.00	100	100
106.00	14.20	102.47#
104.00	8.00	87.65#
0.00	0.00	0.00

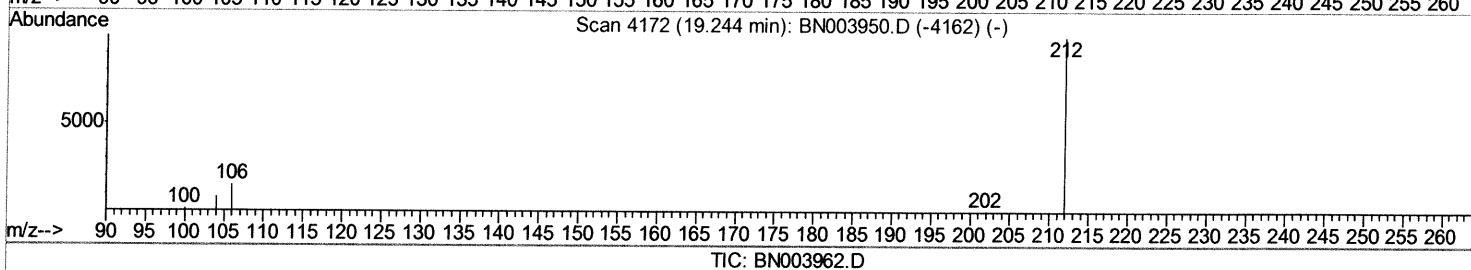
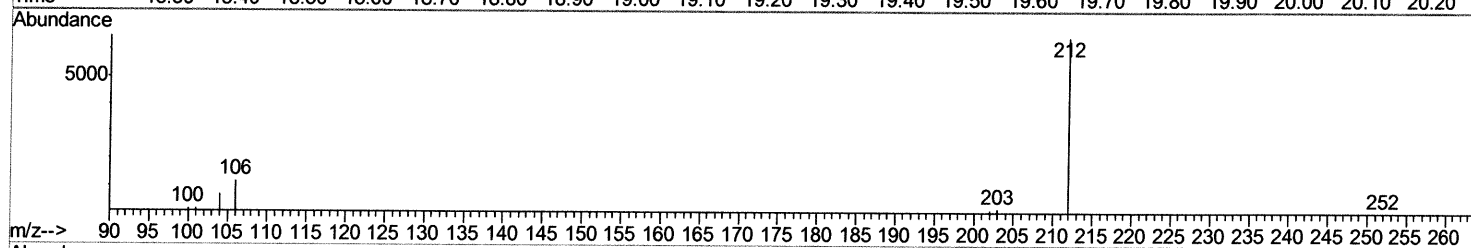
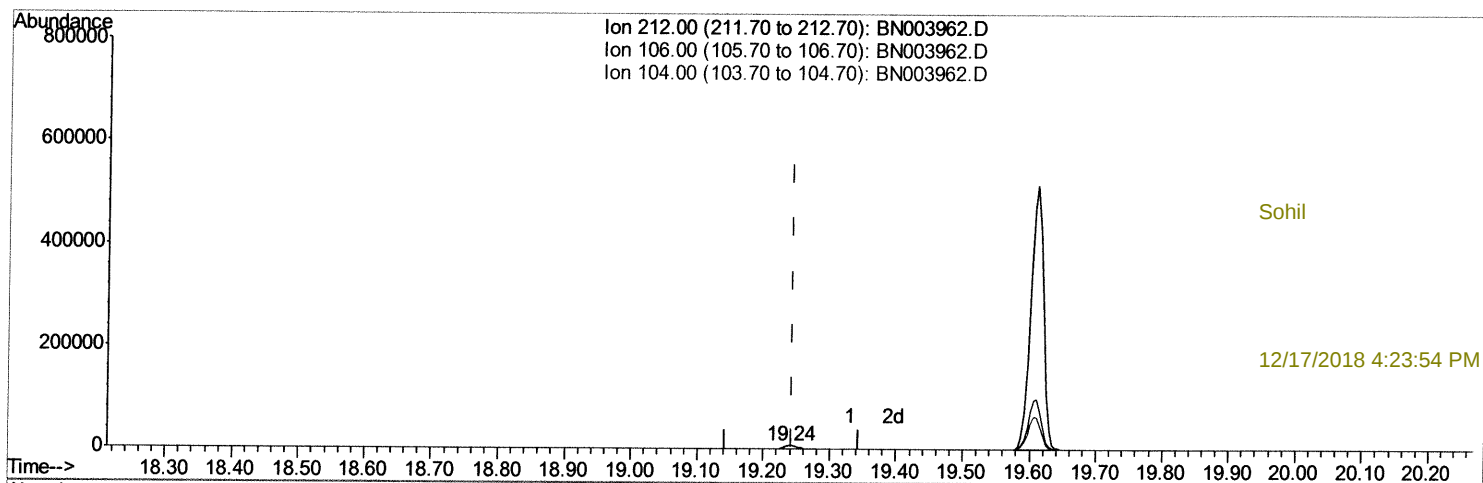
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121518\
Quantitation Report (Qedit)

Data File : BN003962.D
Acq On : 15 Dec 2018 16:52
Operator : JU/SJ
Sample : J6227-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
F9E68

Manual Integrations
APPROVED

Quant Time: Dec 15 22:02:42 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 21:58:36 2018
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.239min (-0.005) 0.21ng/ul m

response 8918

Ion	Exp%	Act%
212.00	100	100
106.00	14.20	0.93#
104.00	8.00	0.80#
0.00	0.00	0.00

SJ 12/17/18

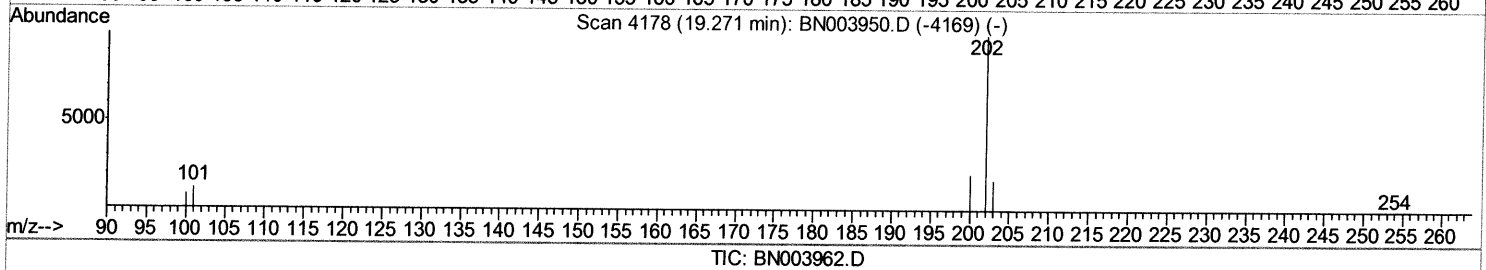
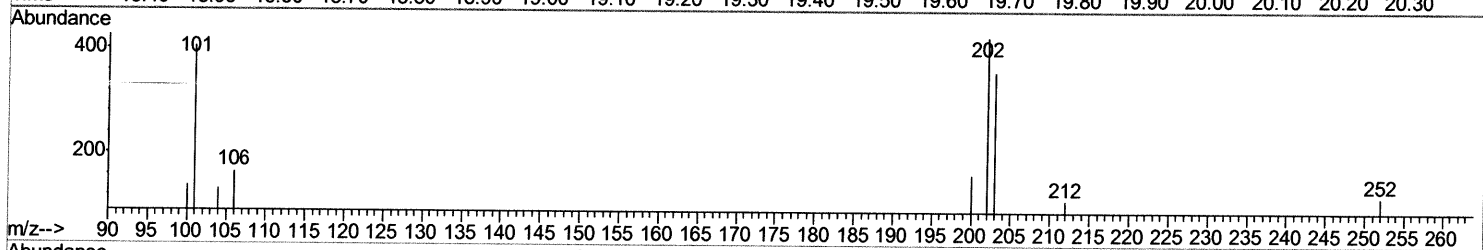
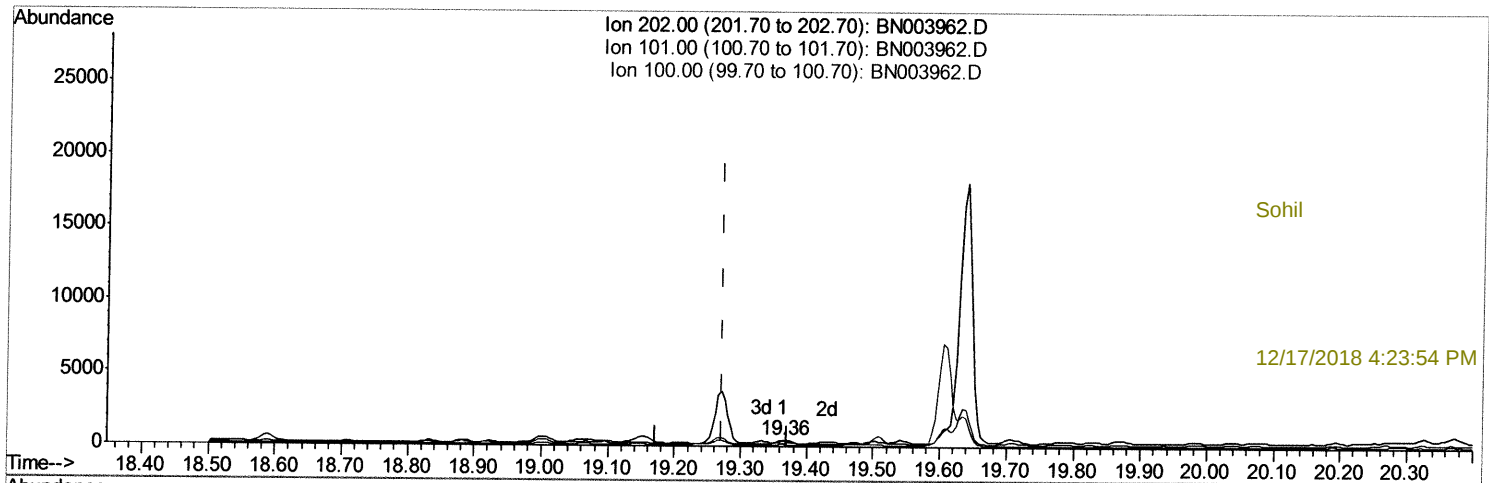
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121518\
Quantitation Report (Qedit)

Data File : BN003962.D
Acq On : 15 Dec 2018 16:52
Operator : JU/SJ
Sample : J6227-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E68

Manual Integrations
APPROVED

Quant Time: Dec 15 22:02:42 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 21:58:36 2018
Response via : Initial Calibration



(15) Fluoranthene (C)

19.364min (+0.093) 0.00ng/ul

response 275

Ion	Exp%	Act%
202.00	100	100
101.00	10.70	95.31#
100.00	8.10	32.63#
0.00	0.00	0.00

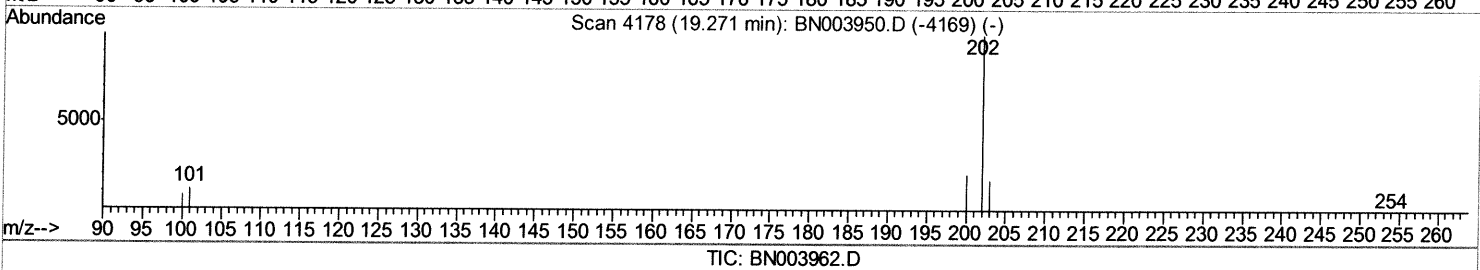
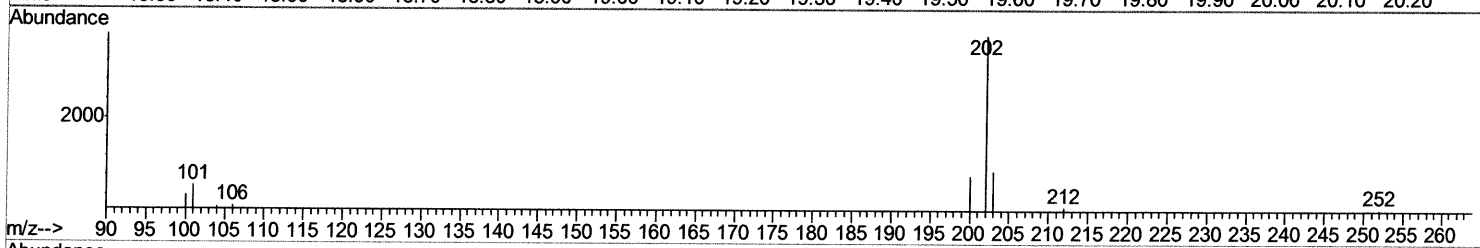
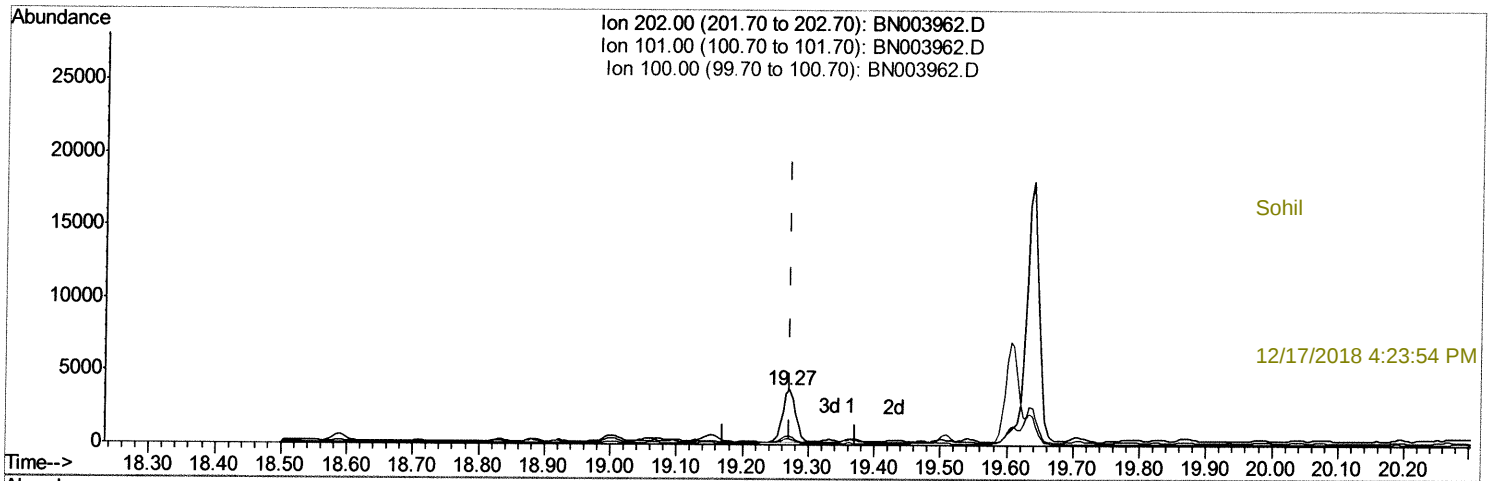
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121518\
Quantitation Report (Qedit)

Data File : BN003962.D
Acq On : 15 Dec 2018 16:52
Operator : JU/SJ
Sample : J6227-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E68

Manual Integrations
APPROVED

Quant Time: Dec 15 22:02:42 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 21:58:36 2018
Response via : Initial Calibration



(15) Fluoranthene (C)

19.271min (-0.000) 0.09ng/ul m

SD 12/17/18

response 4922

Ion	Exp%	Act%
202.00	100	100
101.00	10.70	15.57
100.00	8.10	10.43
0.00	0.00	0.00

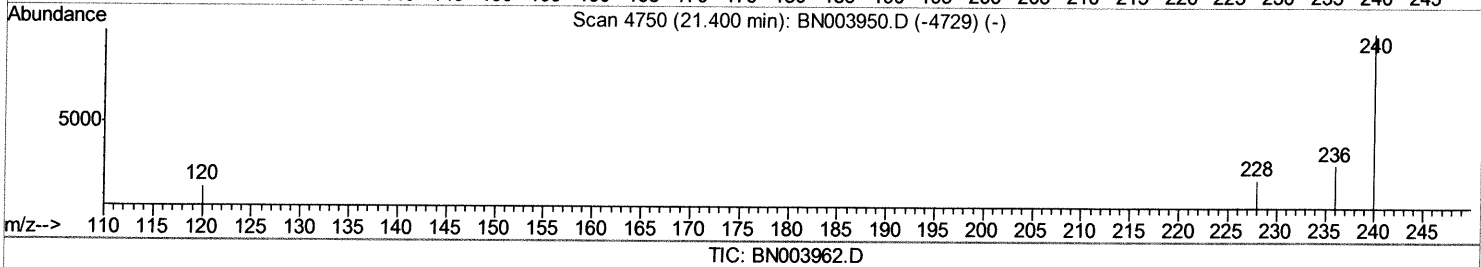
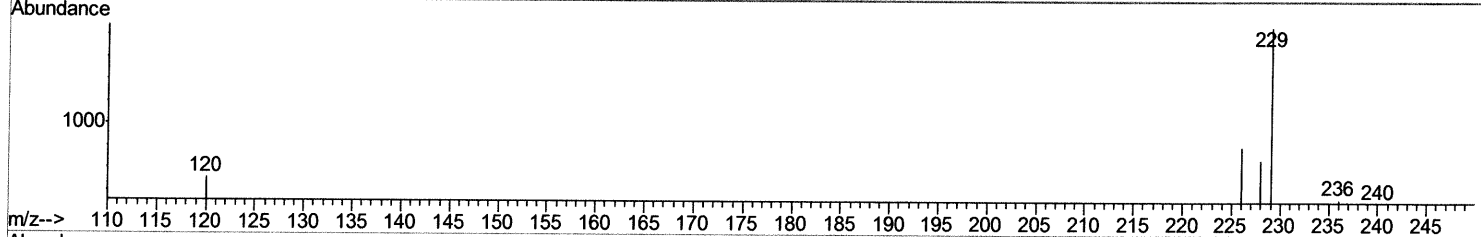
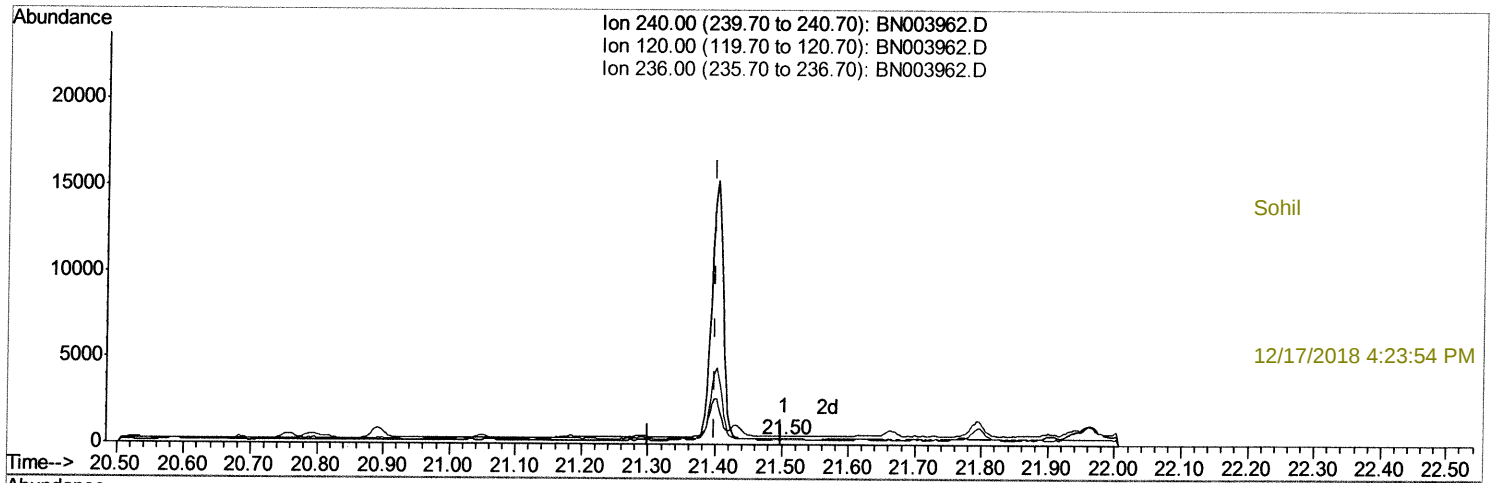
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121518\
Quantitation Report (Qedit)

Data File : BN003962.D
Acq On : 15 Dec 2018 16:52
Operator : JU/SJ
Sample : J6227-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E68

Manual Integrations
APPROVED

Quant Time: Dec 15 22:02:42 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 21:58:36 2018
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.503min (+0.104) 0.40ng/ul

response 59

Ion	Exp%	Act%
240.00	100	100
120.00	14.00	165.18#
236.00	27.60	107.03#
0.00	0.00	0.00

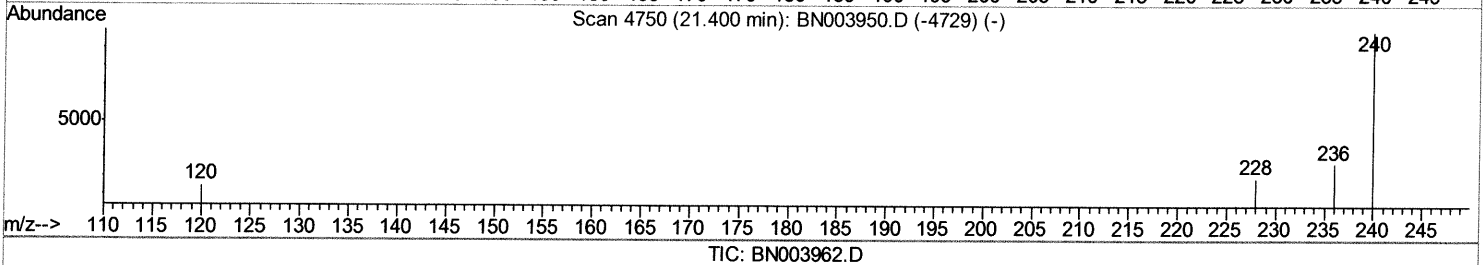
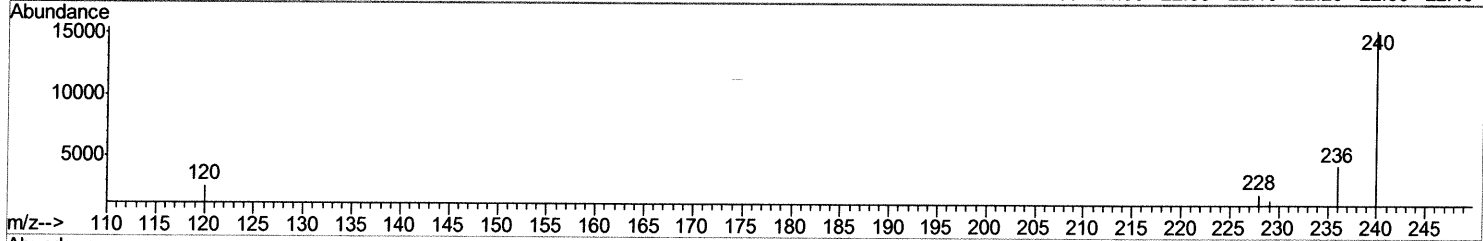
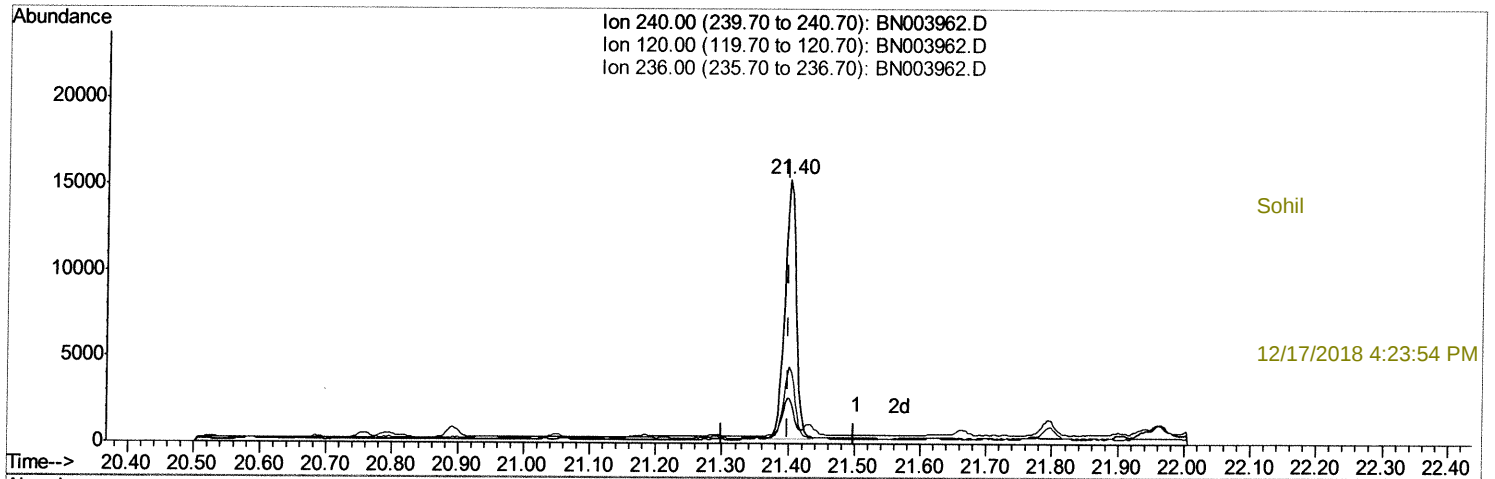
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121518\
Quantitation Report (Qedit)

Data File : BN003962.D
Acq On : 15 Dec 2018 16:52
Operator : JU/SJ
Sample : J6227-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
F9E68

Manual Integrations
APPROVED

Quant Time: Dec 15 22:02:42 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 21:58:36 2018
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.401min (+0.002) 0.40ng/ul m

SJ 12/17/18

response 17949

Ion	Exp%	Act%
240.00	100	100
120.00	14.00	17.14#
236.00	27.60	29.03
0.00	0.00	0.00

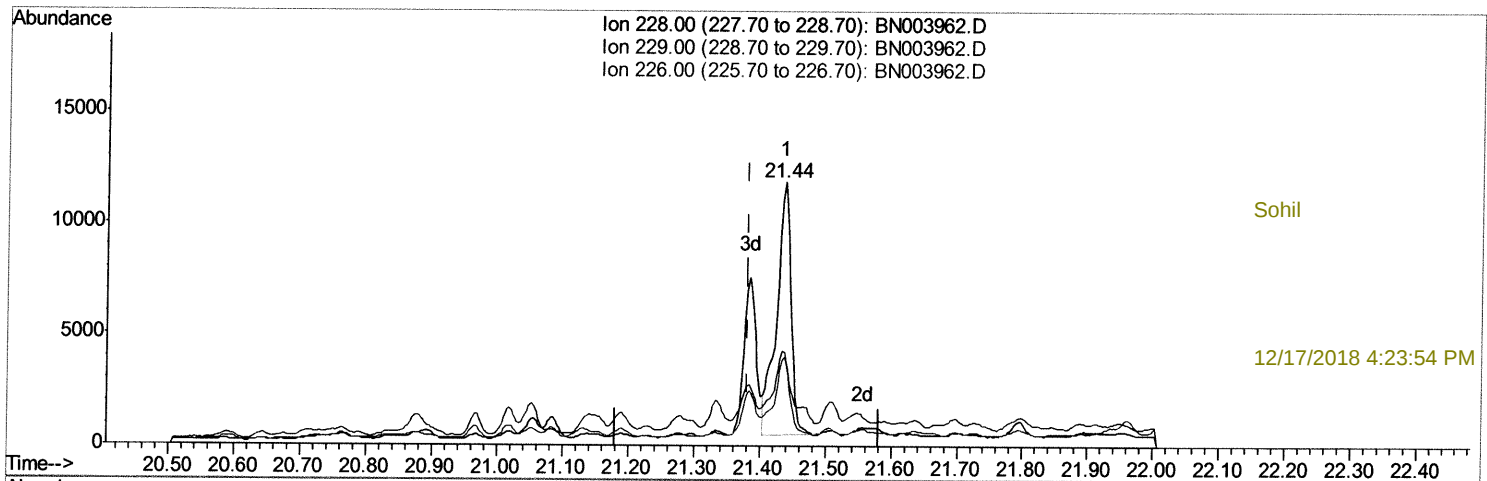
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121518\
Quantitation Report (Qedit)

Data File : BN003962.D
Acq On : 15 Dec 2018 16:52
Operator : JU/SJ
Sample : J6227-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E68

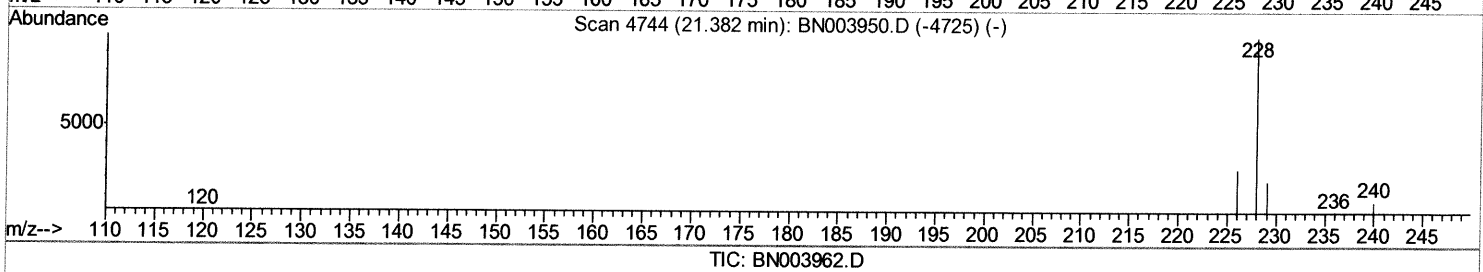
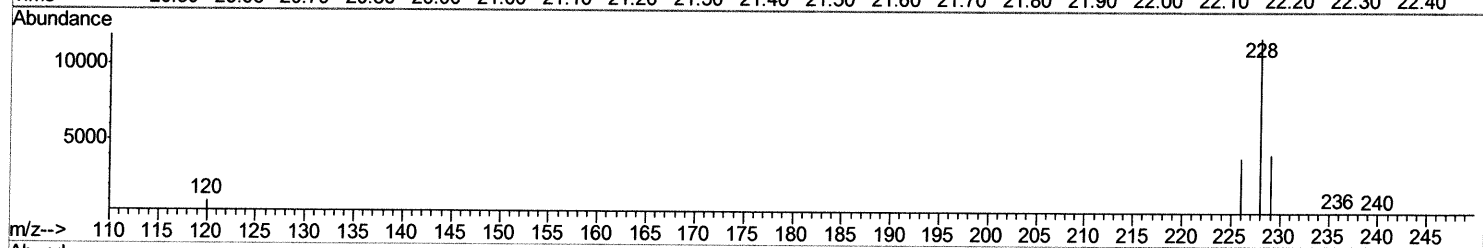
Manual Integrations
APPROVED

Quant Time: Dec 15 23:00:45 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 21:58:36 2018
Response via : Initial Calibration



Sohil

12/17/2018 4:23:54 PM



TIC: BN003962.D

(18) Benzo(a)anthracene

21.436min (+0.054) 0.31ng/ul

response 17488

Ion	Exp%	Act%
228.00	100	100
229.00	19.50	35.69#
226.00	26.40	33.65#
0.00	0.00	0.00

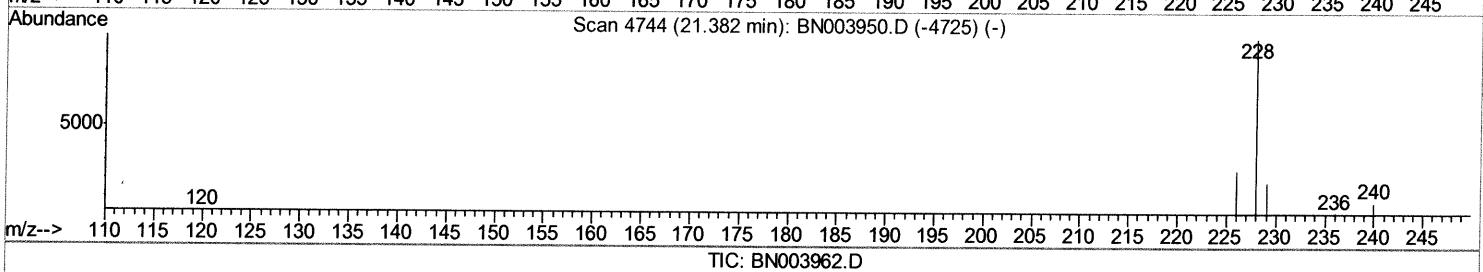
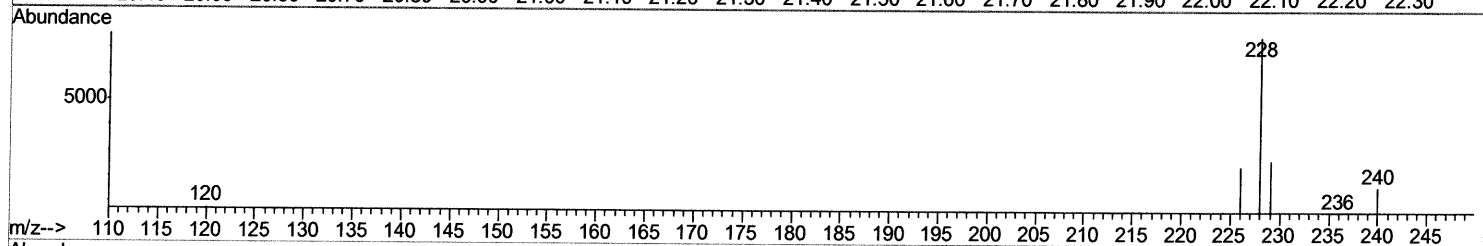
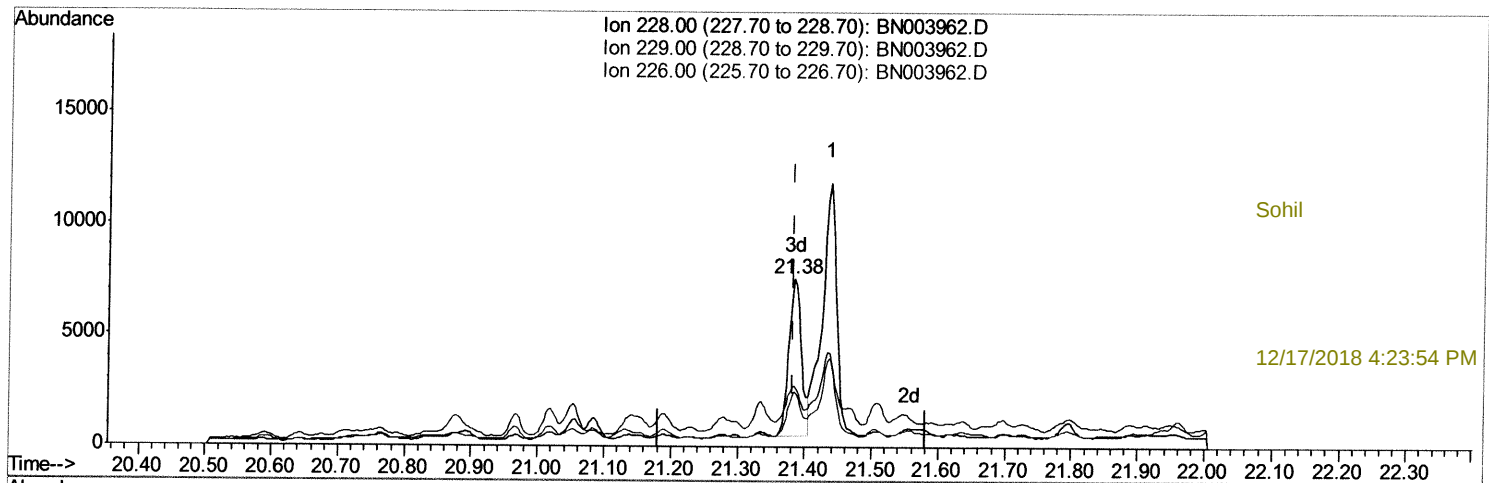
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121518\
Quantitation Report (Qedit)

Data File : BN003962.D
Acq On : 15 Dec 2018 16:52
Operator : JU/SJ
Sample : J6227-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
F9E68

Manual Integrations
APPROVED

Quant Time: Dec 15 23:00:45 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 21:58:36 2018
Response via : Initial Calibration



(18) Benzo(a)anthracene

21.384min (+0.002) 0.16ng/ul m

SJ 12/17/18

response 9224

Ion	Exp%	Act%
228.00	100	100
229.00	19.50	36.49#
226.00	26.40	33.01#
0.00	0.00	0.00

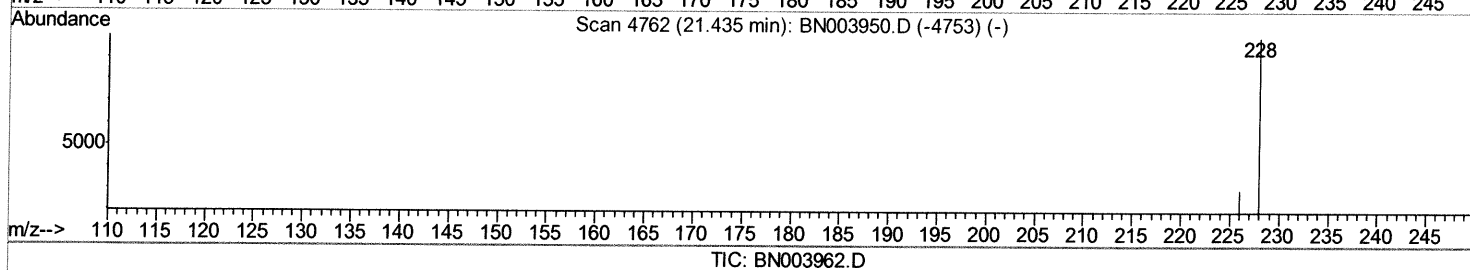
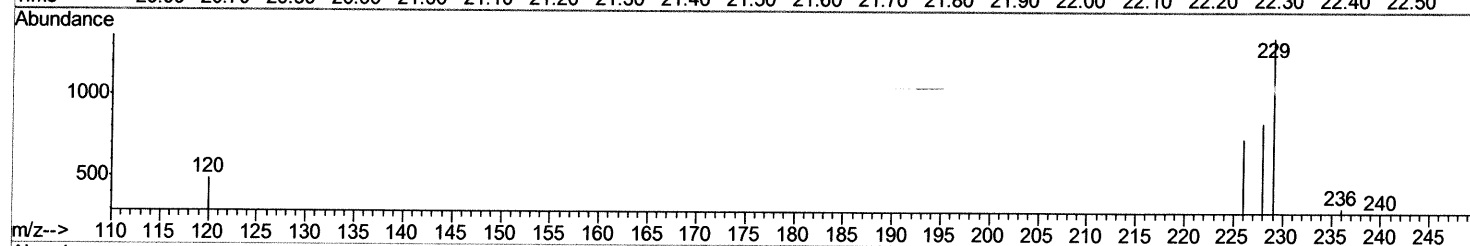
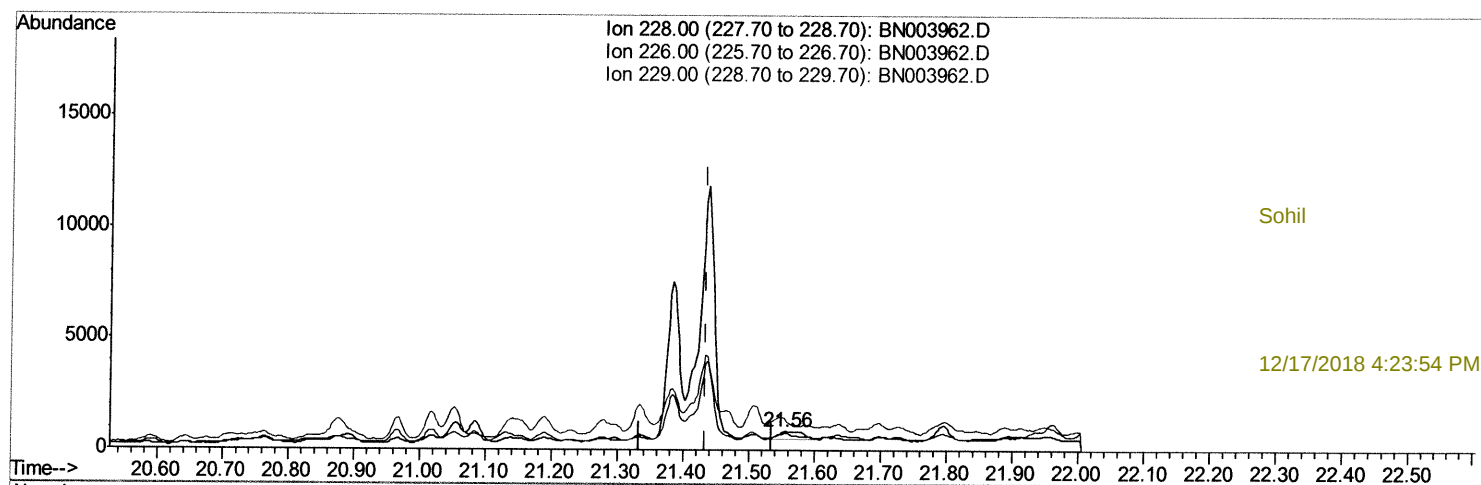
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121518\
Quantitation Report (Qedit)

Data File : BN003962.D
Acq On : 15 Dec 2018 16:52
Operator : JU/SJ
Sample : J6227-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E68

Manual Integrations
APPROVED

Quant Time: Dec 15 23:00:45 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 21:58:36 2018
Response via : Initial Calibration



(19) Chrysene

21.556min (+0.121) 0.01ng/ul

response 973

Ion	Exp%	Act%
228.00	100	100
226.00	30.00	88.93#
229.00	19.60	162.02#
0.00	0.00	0.00

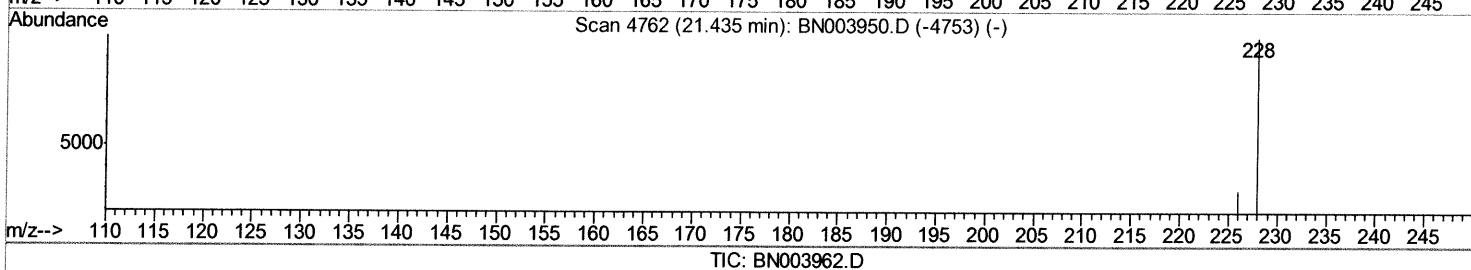
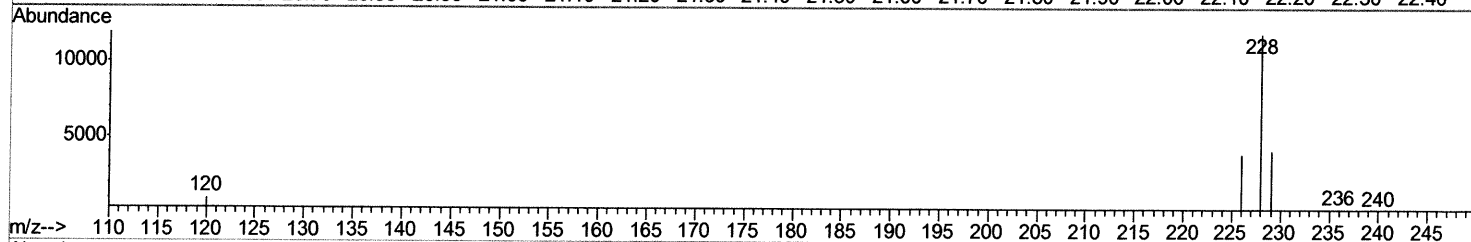
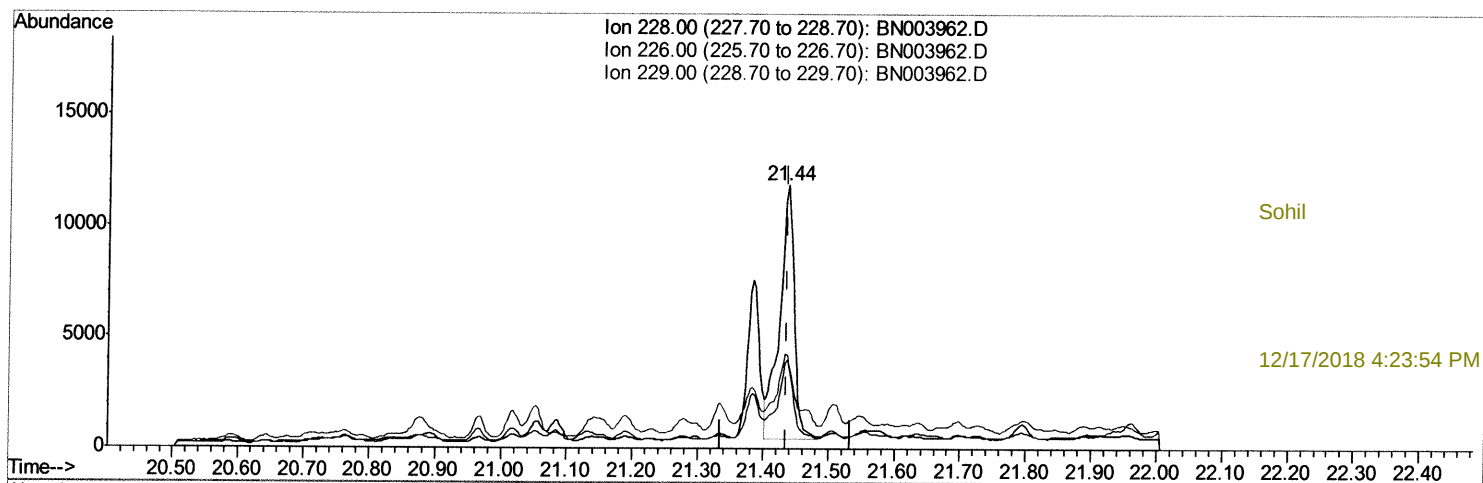
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121518\
Quantitation Report (Qedit)

Data File : BN003962.D
Acq On : 15 Dec 2018 16:52
Operator : JU/SJ
Sample : J6227-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E68

Manual Integrations
APPROVED

Quant Time: Dec 15 23:00:45 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 21:58:36 2018
Response via : Initial Calibration



(19) Chrysene

21.436min (+0.002) 0.28ng/ul m

SD 12/17/18

response 18147

Ion	Exp%	Act%
-----	------	------

228.00	100	100
--------	-----	-----

226.00	30.00	33.65
--------	-------	-------

229.00	19.60	35.69#
--------	-------	--------

0.00	0.00	0.00
------	------	------

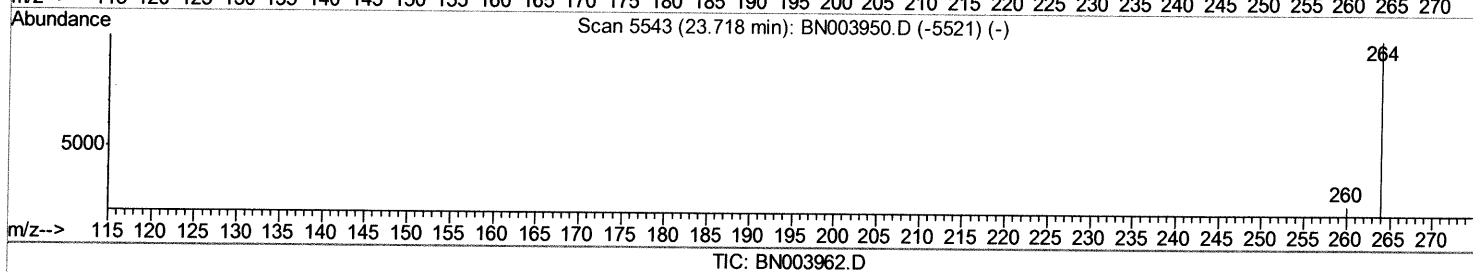
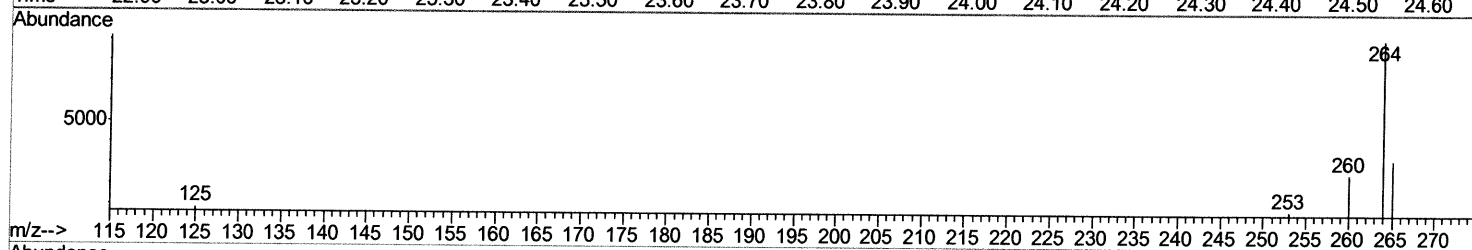
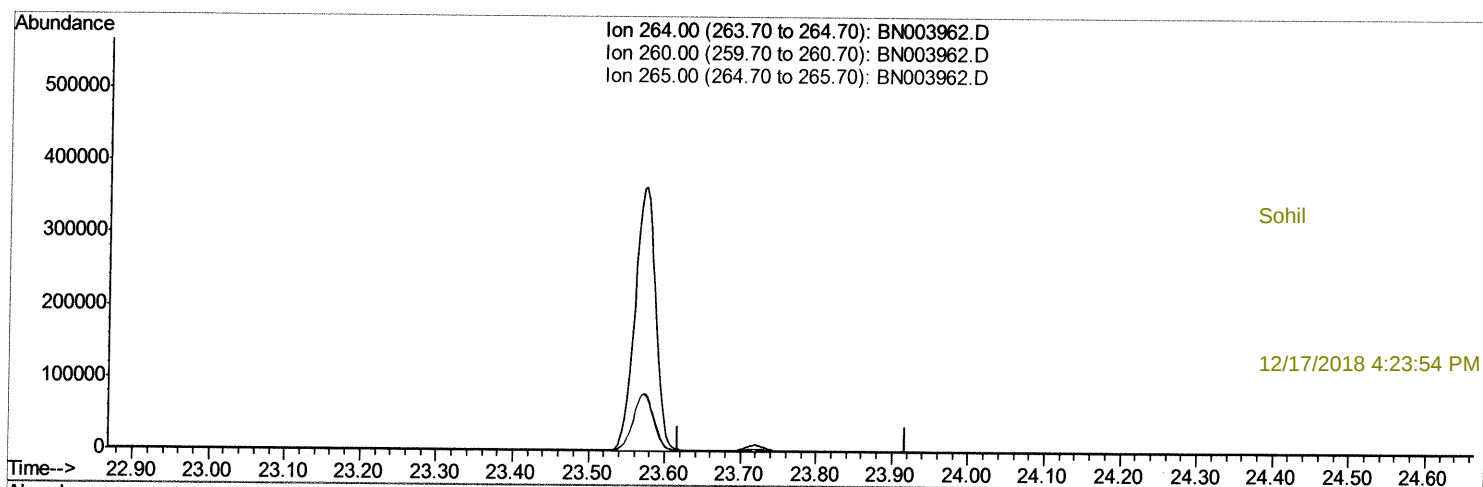
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121518\
Quantitation Report (Qedit)

Data File : BN003962.D
Acq On : 15 Dec 2018 16:52
Operator : JU/SJ
Sample : J6227-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E68

Manual Integrations
APPROVED

Quant Time: Dec 15 23:00:45 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 21:58:36 2018
Response via : Initial Calibration



(20) Perylene-d12 (I)

23.718min (-23.718) 0.00ng/ul

response 0

Ion	Exp%	Act%
264.00	100	0.00
260.00	26.20	0.00#
265.00	33.50	0.00#
0.00	0.00	0.00

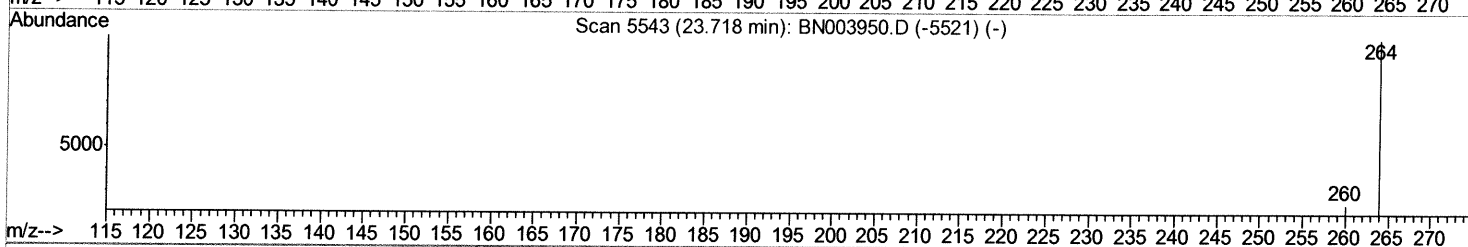
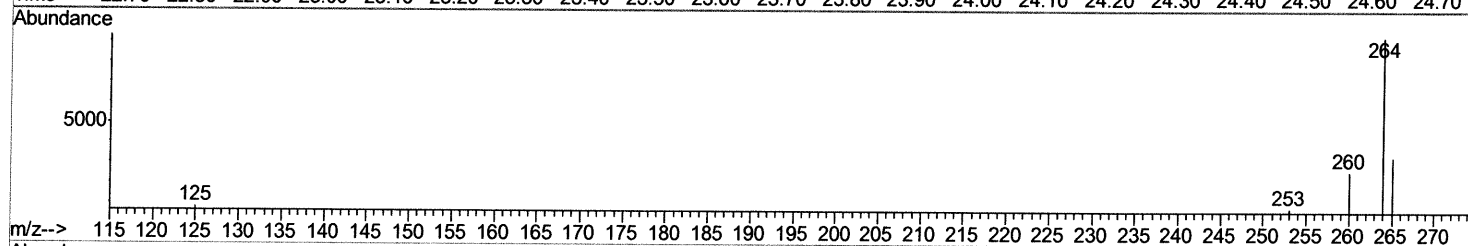
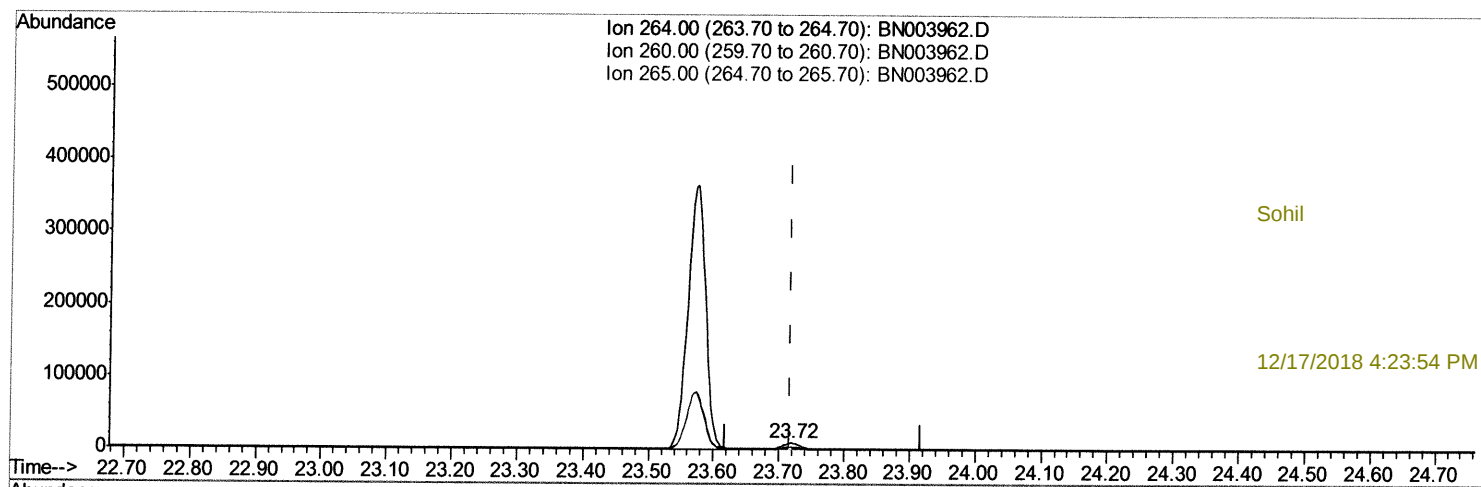
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121518\
Quantitation Report (Qedit)

Data File : BN003962.D
Acq On : 15 Dec 2018 16:52
Operator : JU/SJ
Sample : J6227-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E68

Manual Integrations
APPROVED

Quant Time: Dec 15 23:00:45 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 21:58:36 2018
Response via : Initial Calibration



TIC: BN003962.D

(20) Perylene-d12 (I)

23.719min (+0.002) 0.40ng/ul m

SJ 12/17/18

response 16616

Ion	Exp%	Act%
264.00	100	100
260.00	26.20	28.41
265.00	33.50	35.88
0.00	0.00	0.00

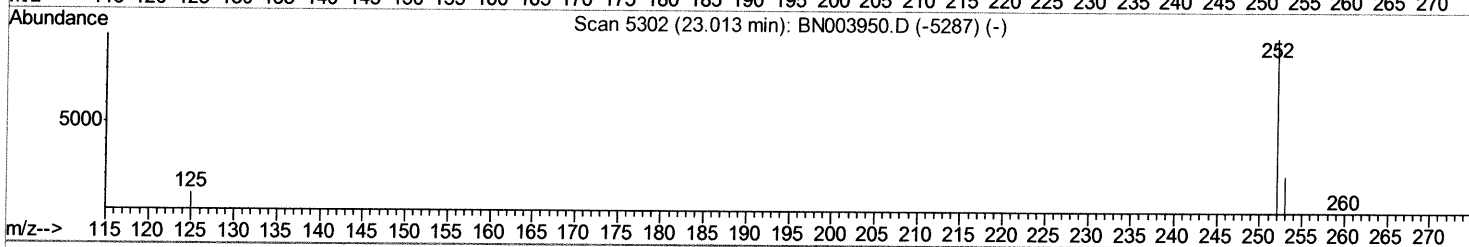
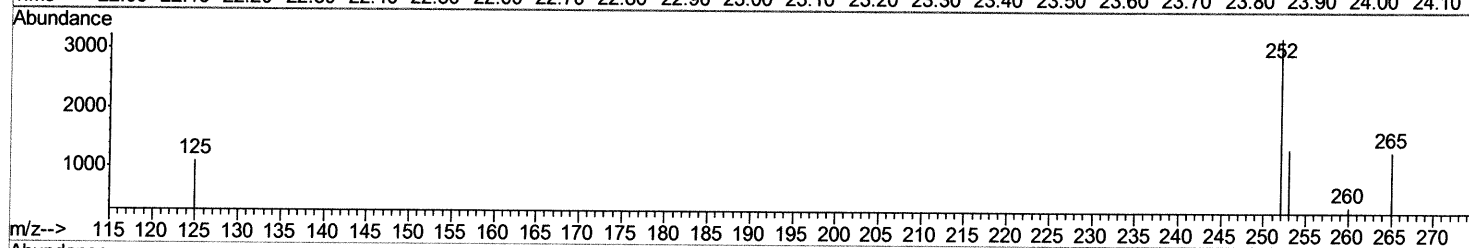
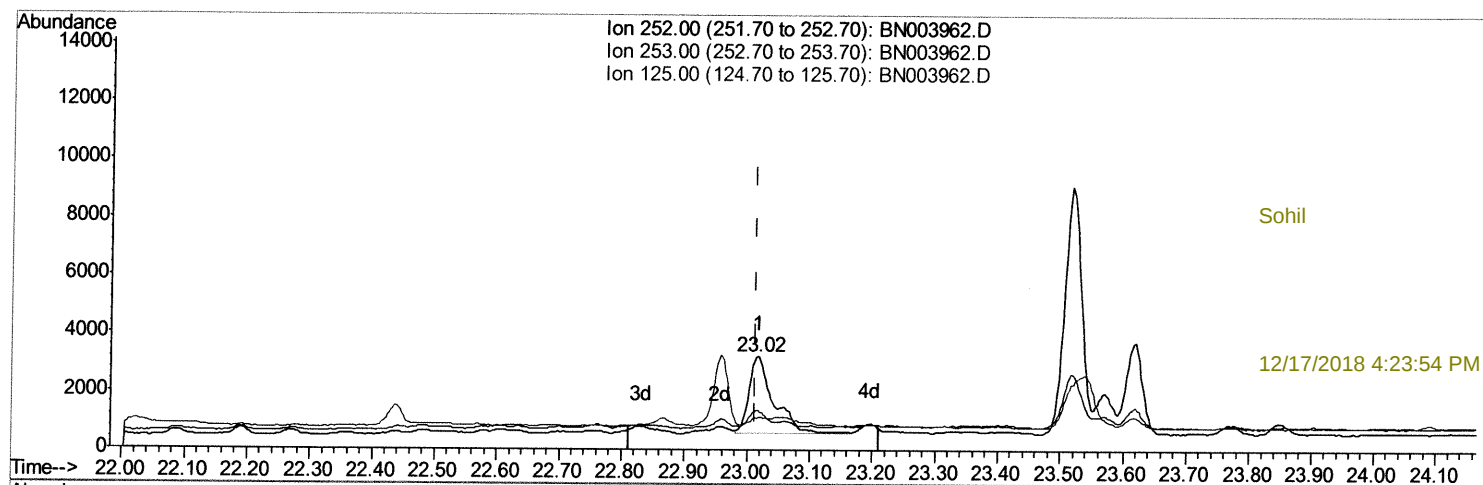
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121518\
Quantitation Report (Qedit)

Data File : BN003962.D
Acq On : 15 Dec 2018 16:52
Operator : JU/SJ
Sample : J6227-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E68

Manual Integrations
APPROVED

Quant Time: Dec 15 23:02:26 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 21:58:36 2018
Response via : Initial Calibration



TIC: BN003962.D

(21) Benzo(b)fluoranthene
23.017min (+0.004) 0.10ng/ul
response 7119
Ion Exp% Act%
252.00 100 100
253.00 23.00 42.23
125.00 11.20 34.56#
0.00 0.00 0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121518\
Quantitation Report (Qedit)

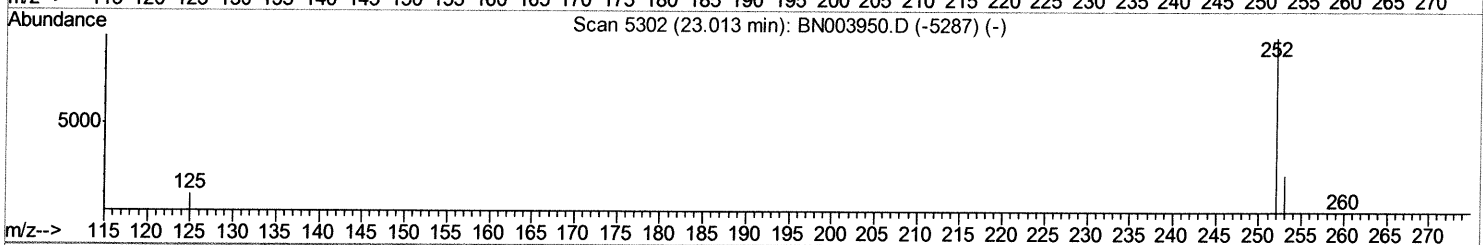
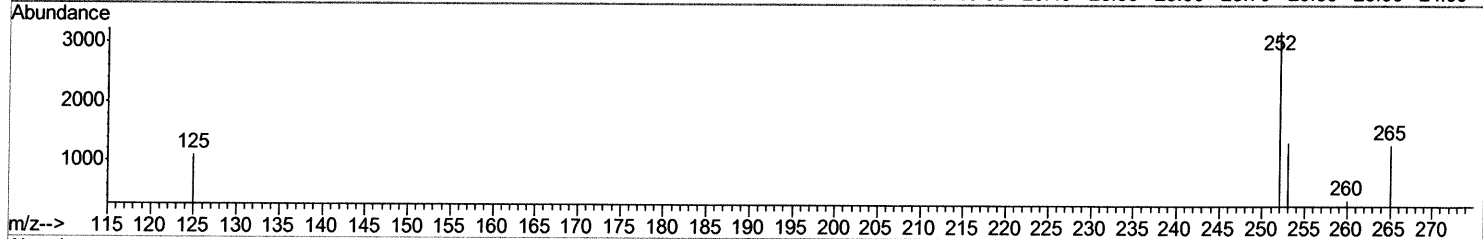
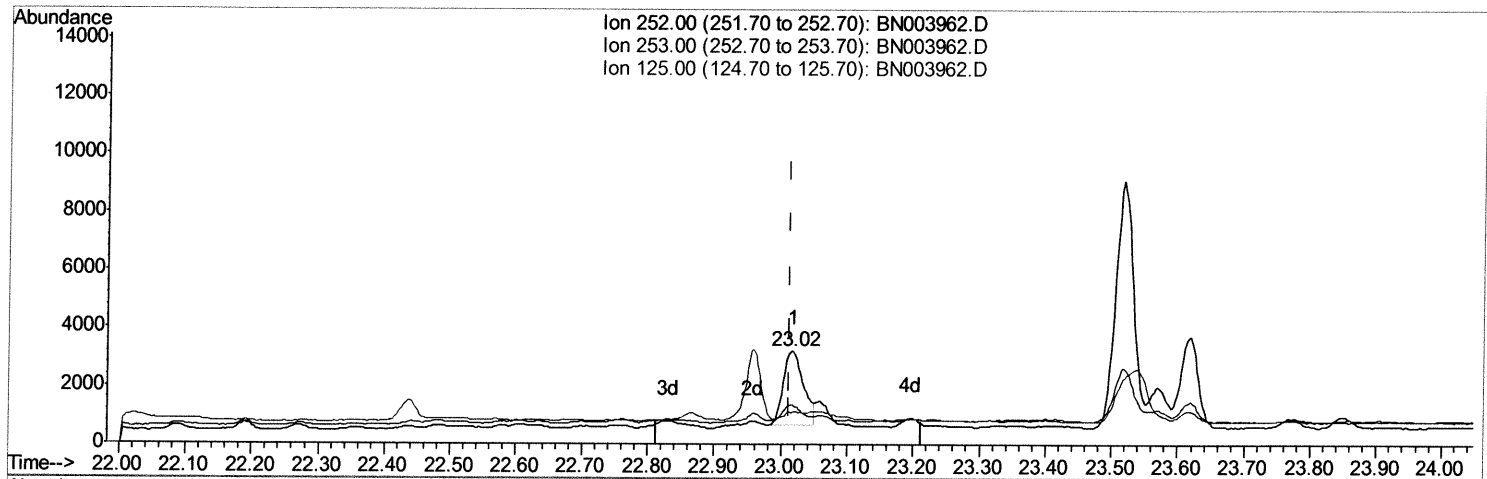
Data File : BN003962.D
Acq On : 15 Dec 2018 16:52
Operator : JU/SJ
Sample : J6227-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
F9E68

Manual Integrations
APPROVED

Sohil
12/17/2018 4:23:54 PM

Quant Time: Dec 15 23:02:26 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 21:58:36 2018
Response via : Initial Calibration



TIC: BN003962.D

(21) Benzo(b)fluoranthene

23.017min (+0.004) 0.08ng/ul m

SJ 12/17/18

response 5530

Ion	Exp%	Act%
252.00	100	100
253.00	23.00	42.23
125.00	11.20	34.56#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121518\
Quantitation Report (QT Reviewed)

Data File : BN003962.D
Acq On : 15 Dec 2018 16:52
Operator : JU/SJ
Sample : J6227-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E68

Manual Integrations
APPROVED

Sohil
12/17/2018 4:23:54 PM

Quant Time: Dec 15 23:04:37 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 : Sat Dec 15 21:58:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1933	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	9507	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5804	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	14428m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	17949m	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	16616m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	2928	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	8918m	0.21	ng/ul	0.00
Target Compounds						
					Qvalue	
3) Naphthalene	10.68	128	2450	0.092	ng/ul#	92
5) 2-Methylnaphthalene	12.29	142	5057	0.271	ng/ul	100
12) Phenanthrene	17.25	178	18672	0.394	ng/ul	99
13) Anthracene	17.35	178	3544m	0.091	ng/ul	
15) Fluoranthene	19.27	202	4922m	0.088	ng/ul	
17) Pyrene	19.64	202	24173	0.375	ng/ul	98
18) Benzo(a)anthracene	21.38	228	9224m	0.163	ng/ul	
19) Chrysene	21.44	228	18147m	0.280	ng/ul	
21) Benzo(b)fluoranthene	23.02	252	5530m	0.080	ng/ul	
23) Benzo(a)pyrene	23.62	252	5692	0.096	ng/ul#	62
24) Indeno(1,2,3-cd)pyrene	26.07	276	3876	0.057	ng/ul#	98
26) Benzo(g,h,i)perylene	26.80	276	8513	0.144	ng/ul#	79

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

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12/17/18