

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121618\
Quantitation Report (QT Reviewed)

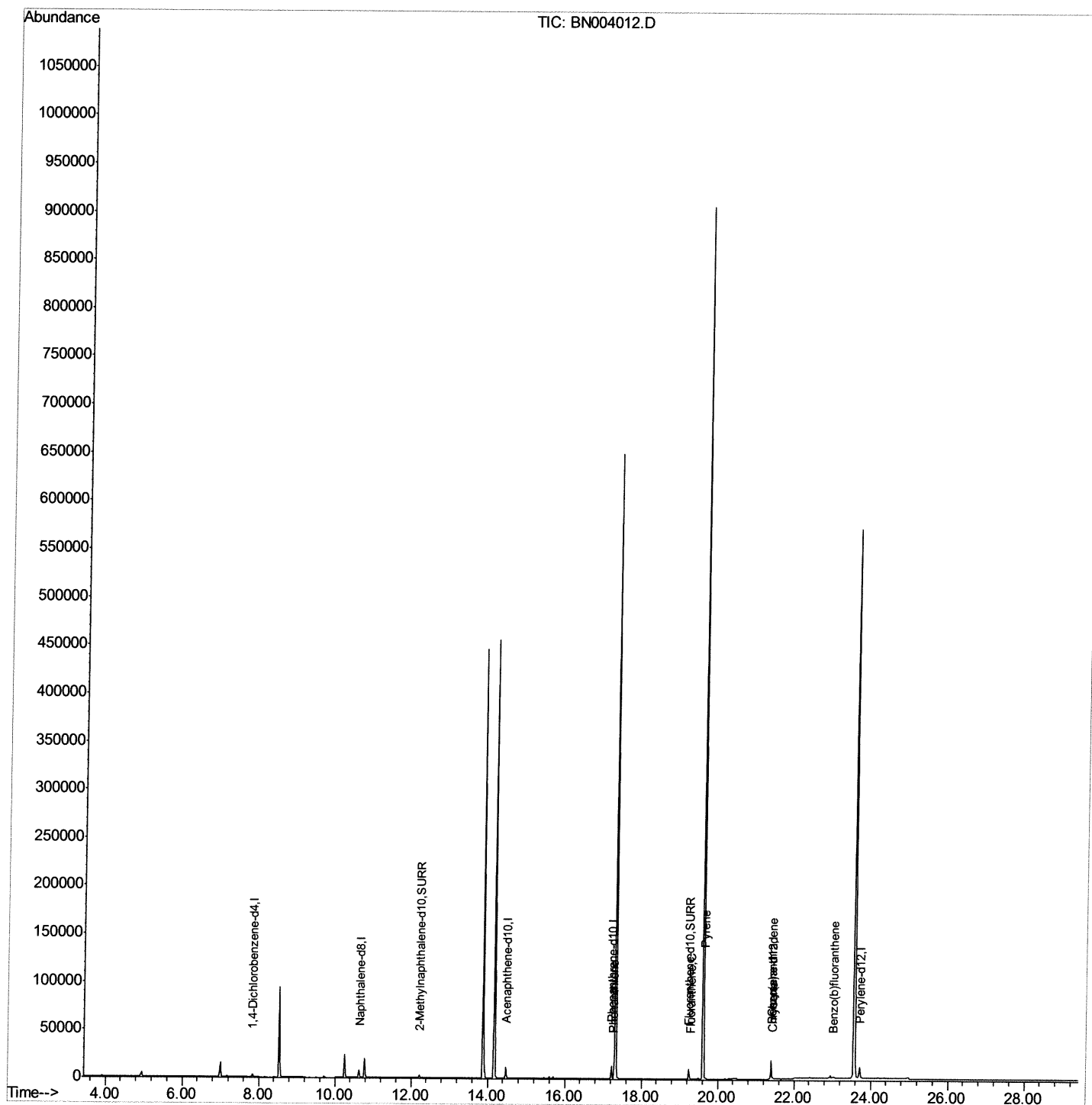
Data File : BN004012.D
Acq On : 17 Dec 2018 01:15
Operator : JU/SJ
Sample : J6236-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E19

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:20 PM

Quant Time: Dec 17 07:05:31 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 : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121618\
Quantitation Report (Qedit)

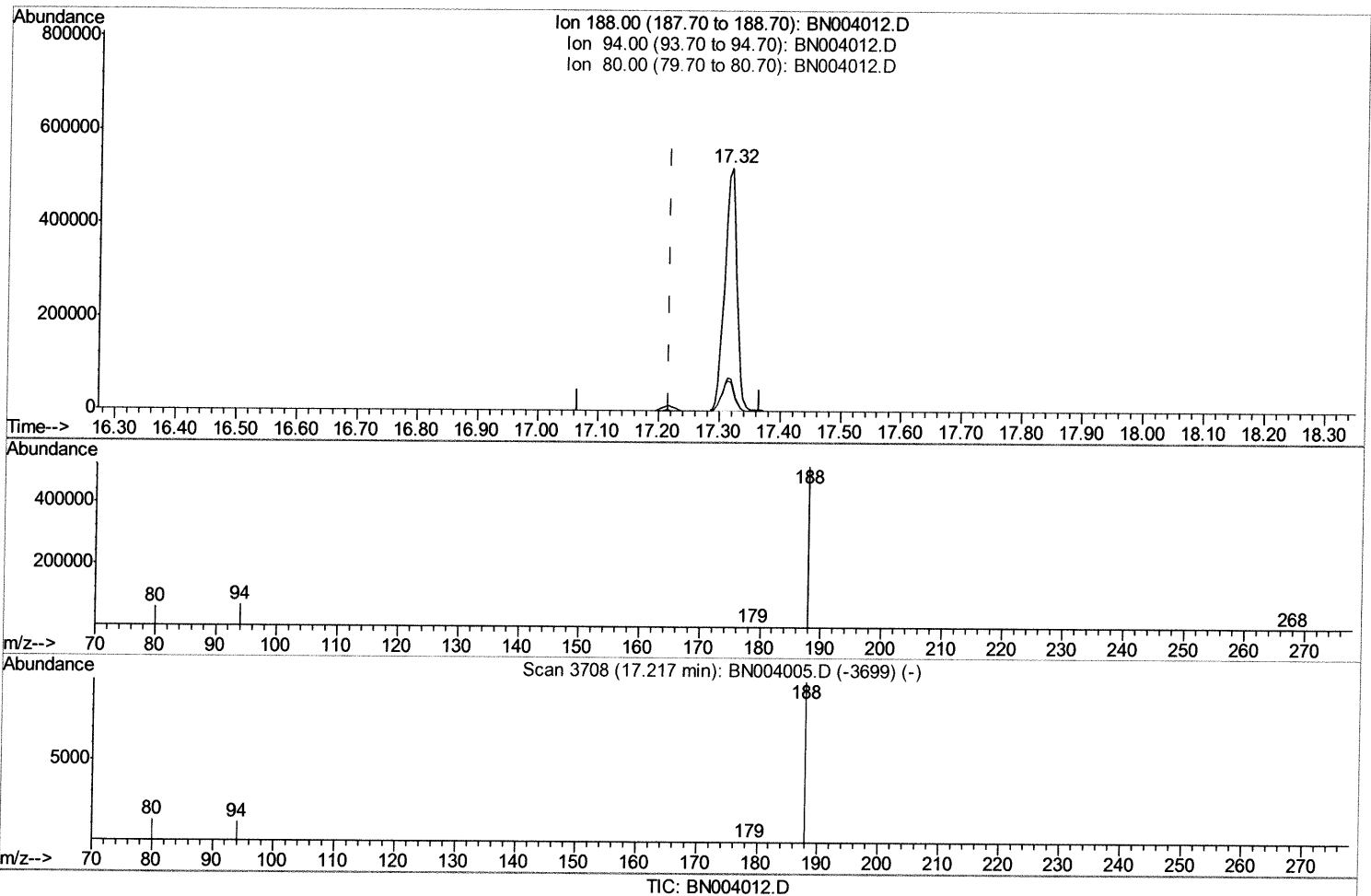
Data File : BN004012.D
Acq On : 17 Dec 2018 01:15
Operator : JU/SJ
Sample : J6236-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E19

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:20 PM

Quant Time: Dec 17 06:25:44 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 : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.318min (+0.101) 0.40ng/ul

response 729512

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	13.00#
80.00	11.60	11.63
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121618\
Quantitation Report (Qedit)

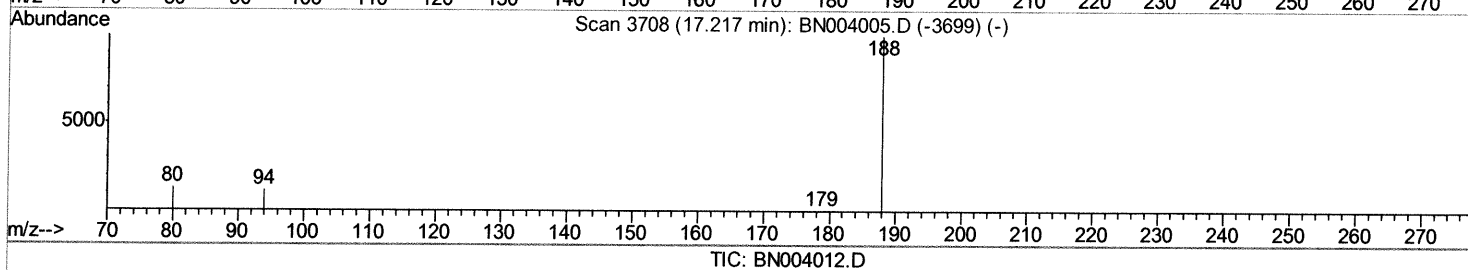
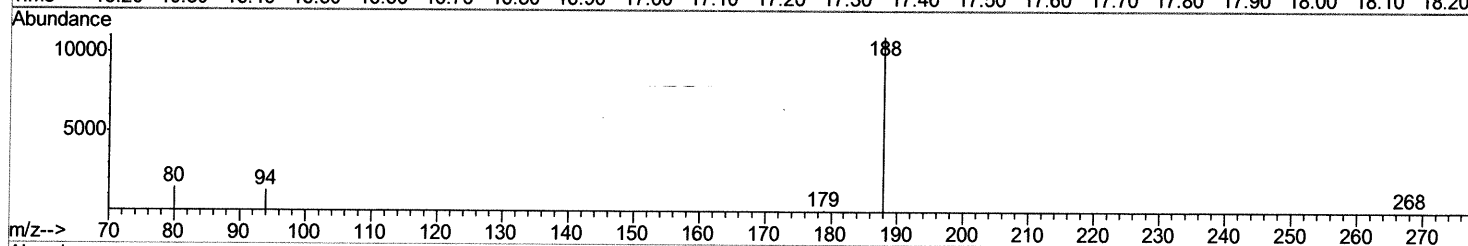
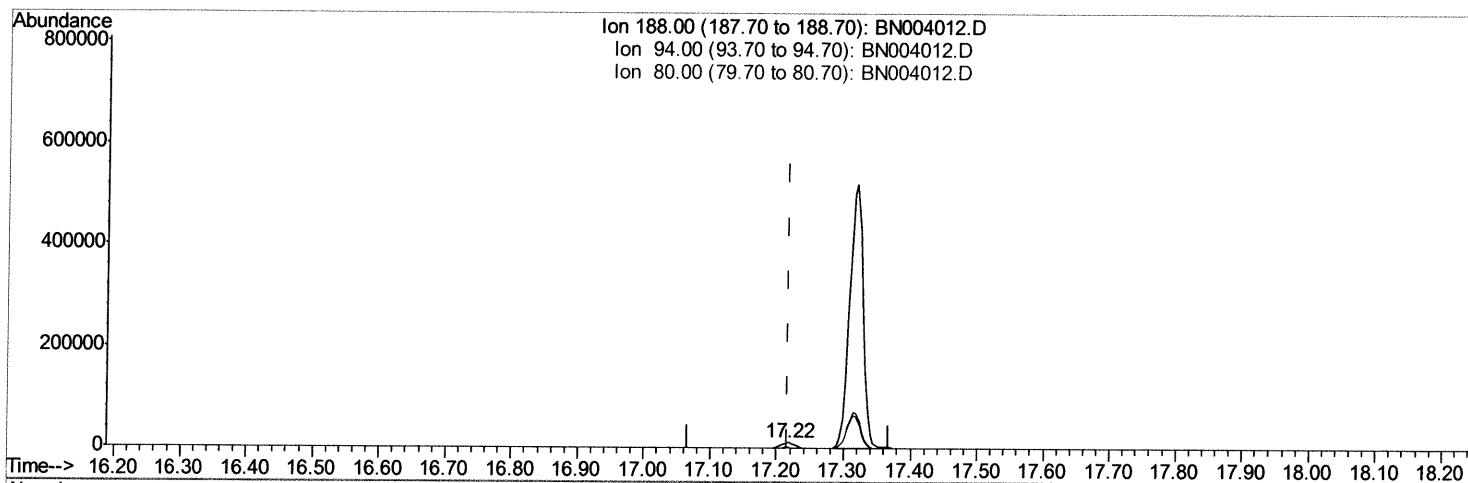
Data File : BN004012.D
Acq On : 17 Dec 2018 01:15
Operator : JU/SJ
Sample : J6236-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E19

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:20 PM

Quant Time: Dec 17 06:25:44 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 : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.217min (-0.000) 0.40ng/ul m

response 15394

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	11.90
80.00	11.60	13.17
0.00	0.00	0.00

SJ
12/17/18

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121618\
Quantitation Report (Qedit)

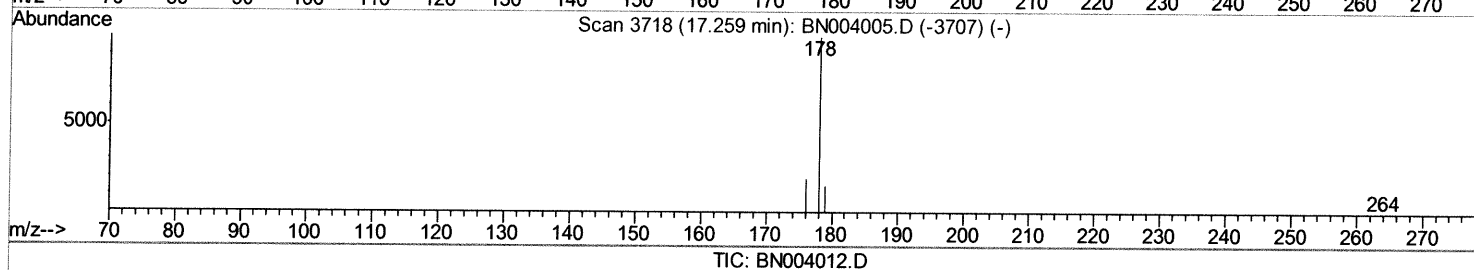
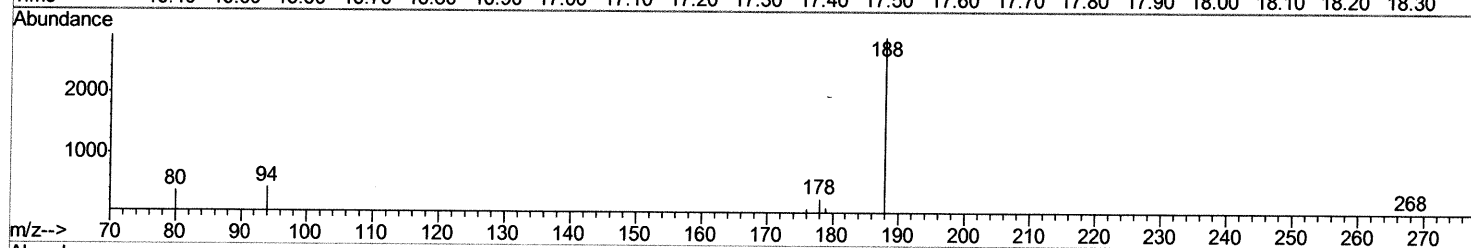
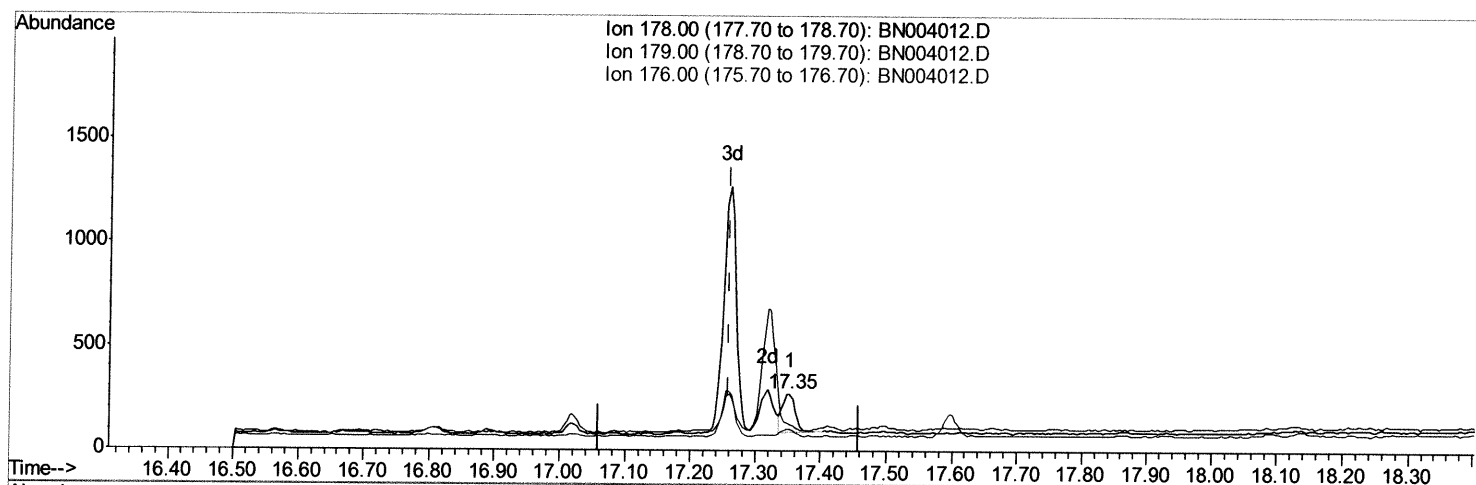
Data File : BN004012.D
Acq On : 17 Dec 2018 01:15
Operator : JU/SJ
Sample : J6236-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
F9E19

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:20 PM

Quant Time: Dec 17 07:02:27 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 : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration



(12) Phenanthrene

17.352min (+0.093) 0.01ng/ul

response 258

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	47.27#
176.00	18.70	38.55#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121618\
Quantitation Report (Qedit)

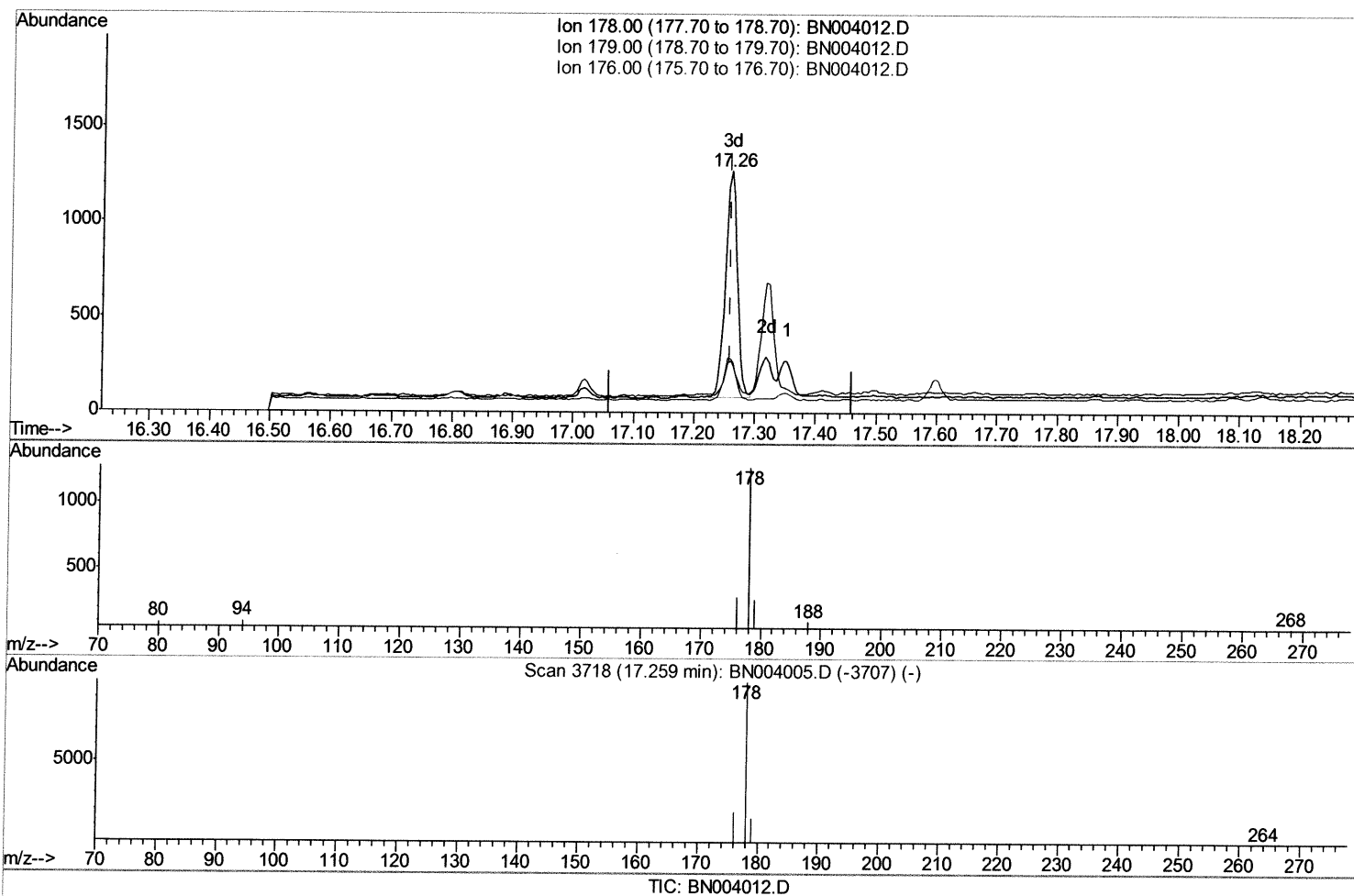
Data File : BN004012.D
Acq On : 17 Dec 2018 01:15
Operator : JU/SJ
Sample : J6236-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
F9E19

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:20 PM

Quant Time: Dec 17 07:02:27 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 : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration



(12) Phenanthrene

17.259min (-0.000) 0.03ng/ul m

response 1649

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	21.43#
176.00	18.70	22.45#
0.00	0.00	0.00

> SJ
12/17/18

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121618\
Quantitation Report (Qedit)

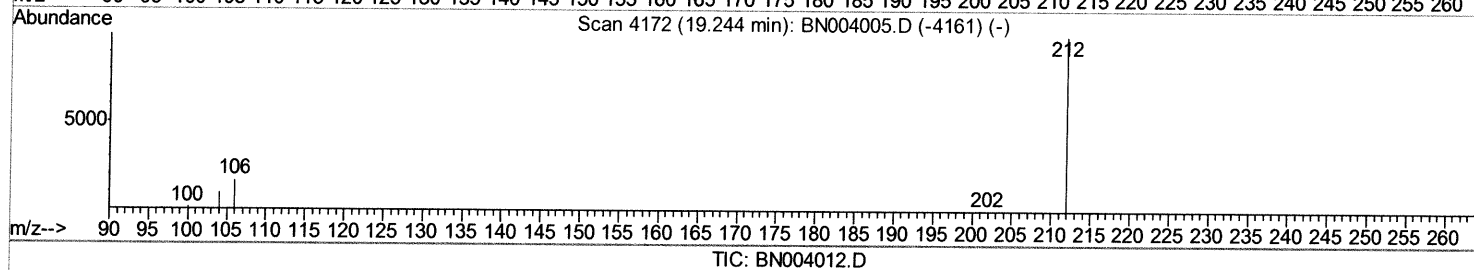
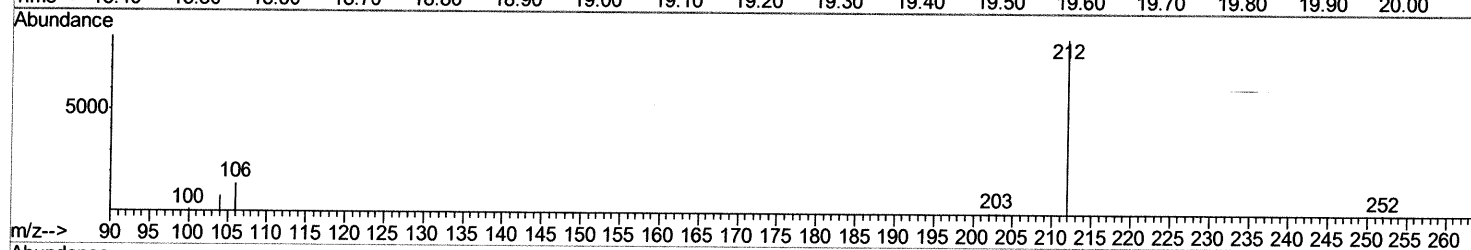
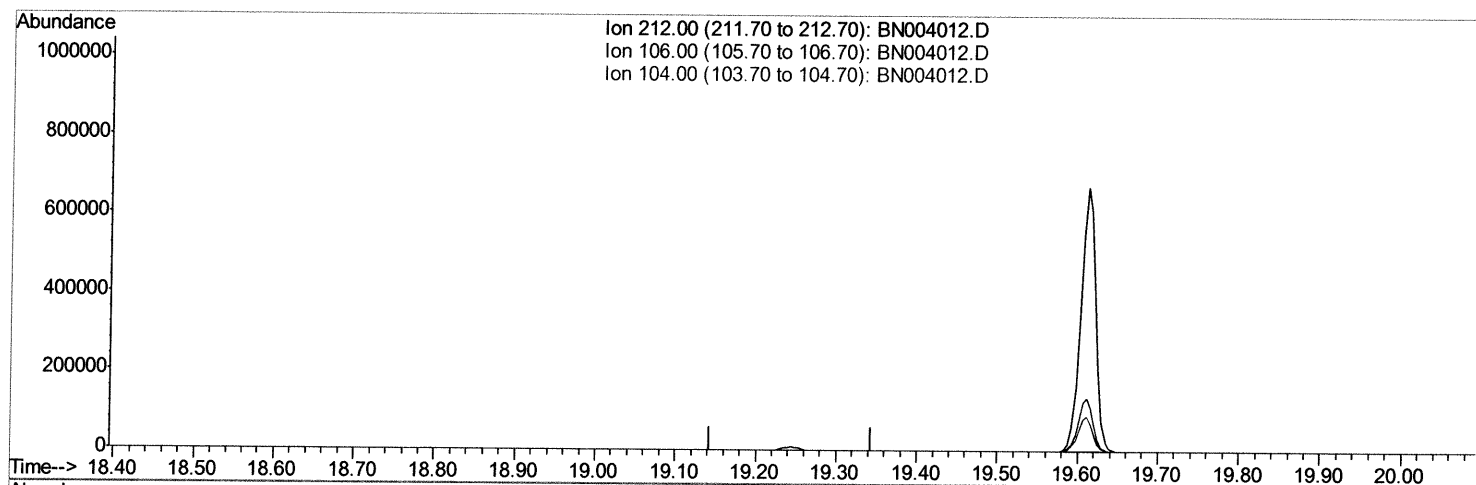
Data File : BN004012.D
Acq On : 17 Dec 2018 01:15
Operator : JU/SJ
Sample : J6236-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E19

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:20 PM

Quant Time: Dec 17 07:02:27 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 : Mon Dec 17 06:22:23 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\BN121618\
Quantitation Report (Qedit)

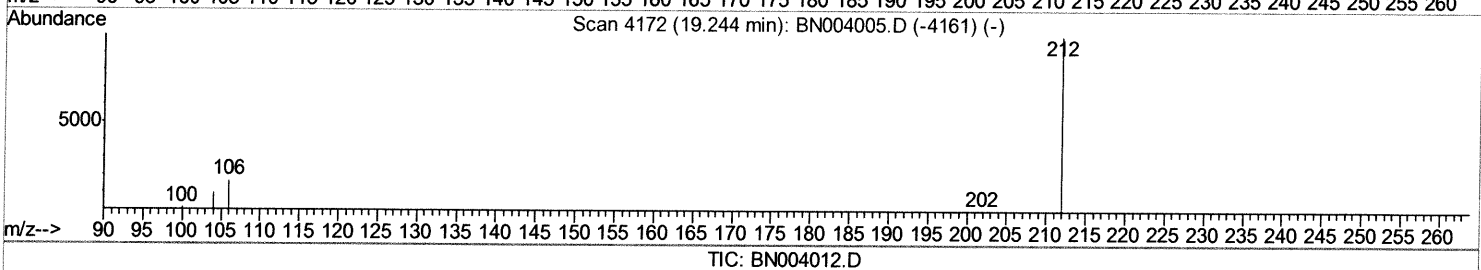
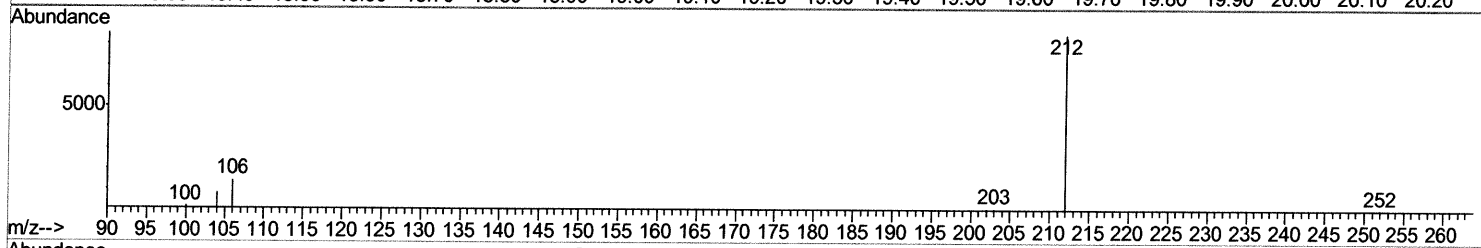
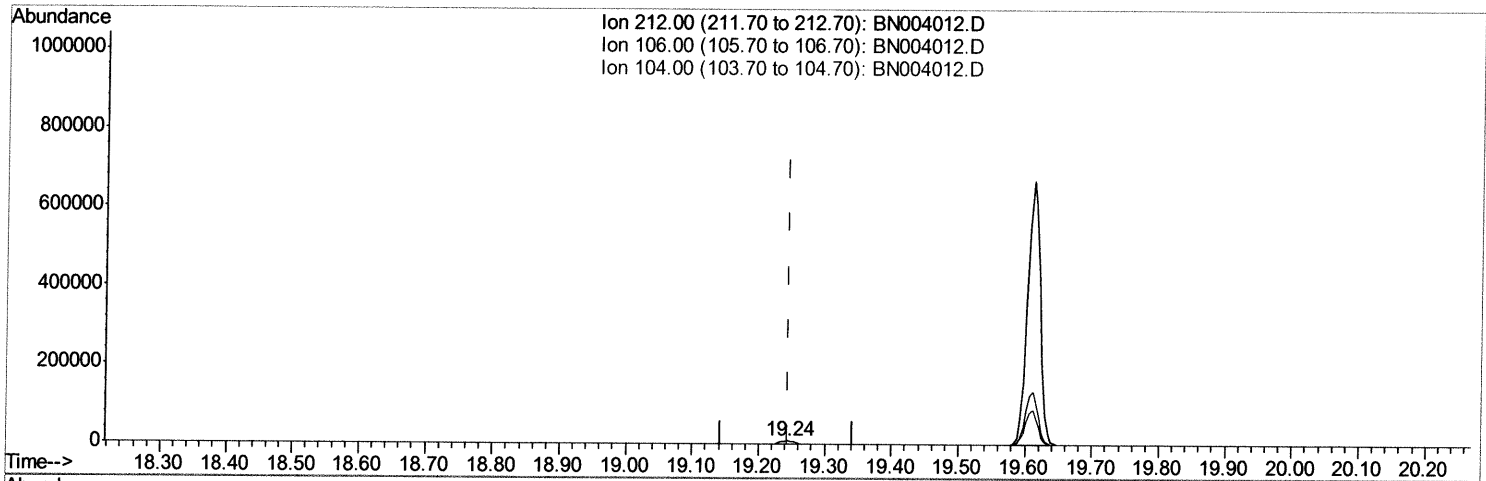
Data File : BN004012.D
Acq On : 17 Dec 2018 01:15
Operator : JU/SJ
Sample : J6236-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E19

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:20 PM

Quant Time: Dec 17 07:02:27 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 : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.244min (-0.000) 0.25ng/ul m

response 11139

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
12/17/18

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121618\
Quantitation Report (Qedit)

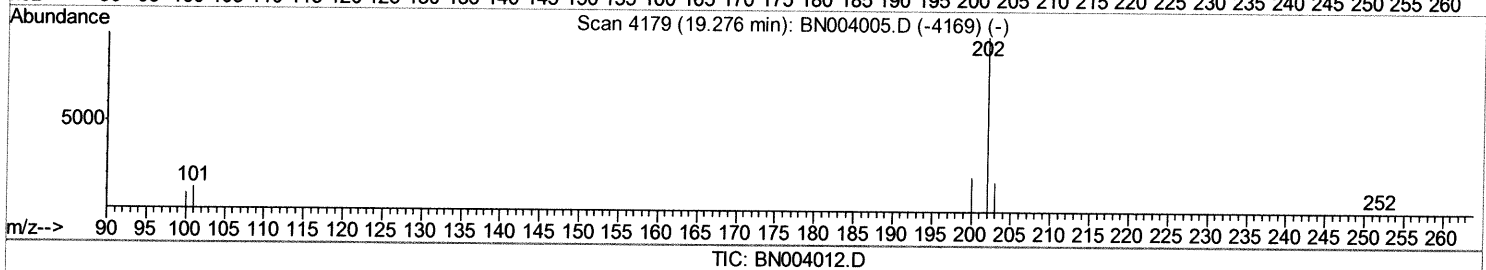
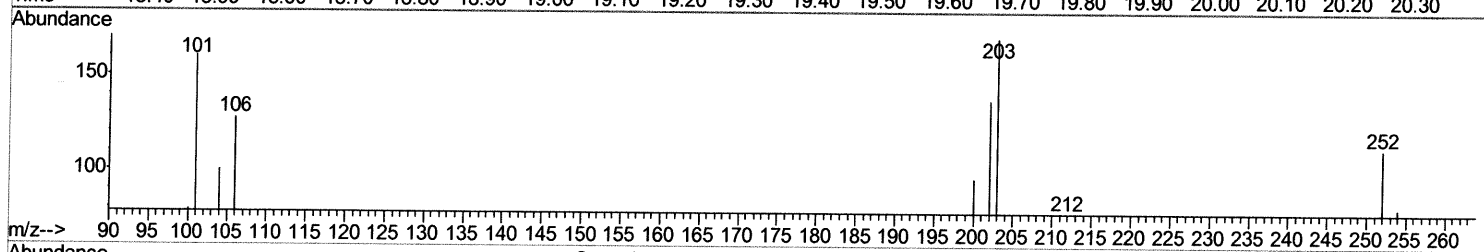
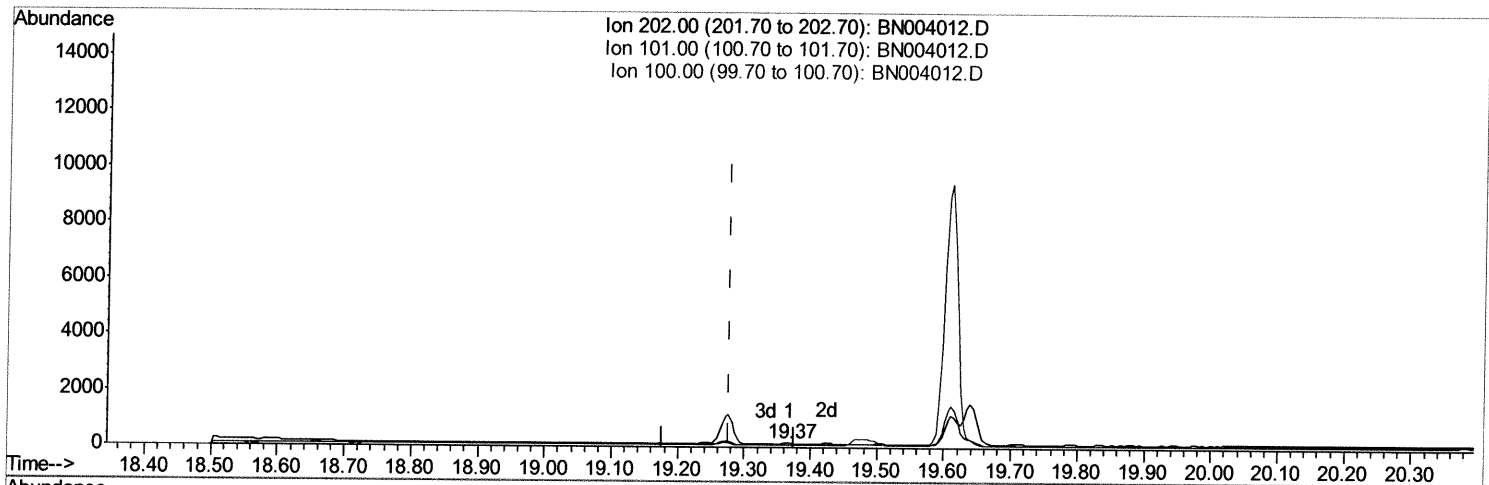
Data File : BN004012.D
Acq On : 17 Dec 2018 01:15
Operator : JU/SJ
Sample : J6236-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E19

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:20 PM

Quant Time: Dec 17 07:02:27 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 : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration



(15) Fluoranthene (C)

19.369min (+0.093) 0.00ng/ul

response 29

Ion	Exp%	Act%
202.00	100	100
101.00	10.70	116.79#
100.00	8.10	57.66#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121618\
Quantitation Report (Qedit)

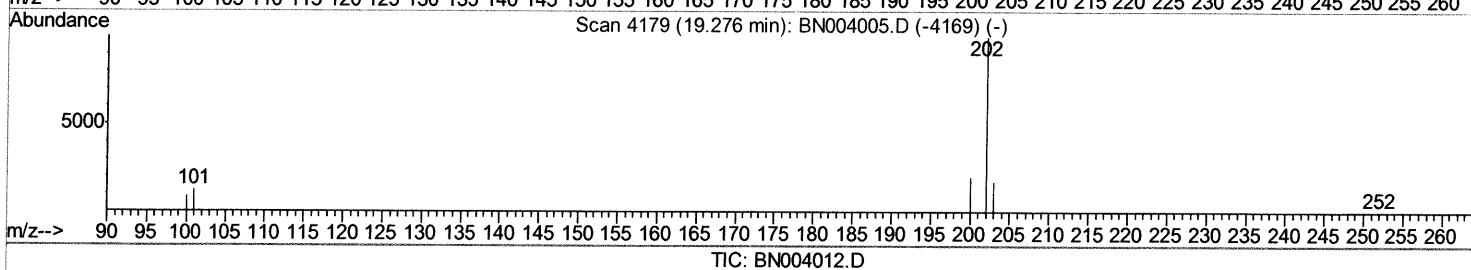
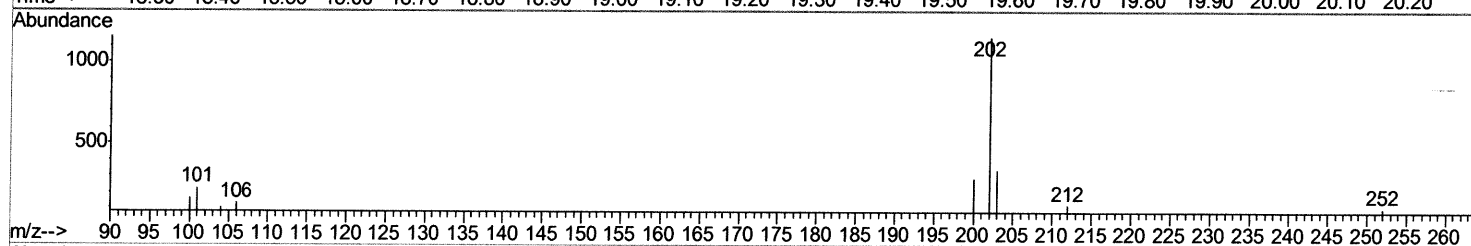
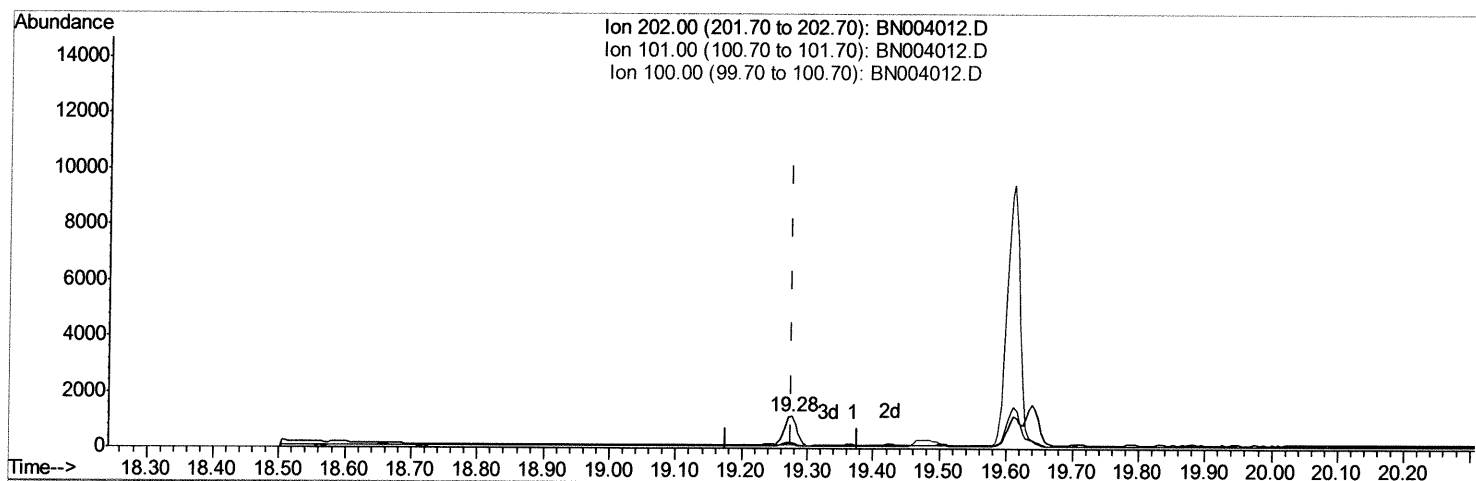
Data File : BN004012.D
Acq On : 17 Dec 2018 01:15
Operator : JU/SJ
Sample : J6236-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E19

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:20 PM

Quant Time: Dec 17 07:02:27 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 : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration



(15) Fluoranthene (C)

19.276min (-0.000) 0.02ng/ul m

response 1384

Ion	Exp%	Act%
202.00	100	100
101.00	10.70	19.08
100.00	8.10	14.16
0.00	0.00	0.00

> SJ
12/17/18

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121618\
Quantitation Report (Qedit)

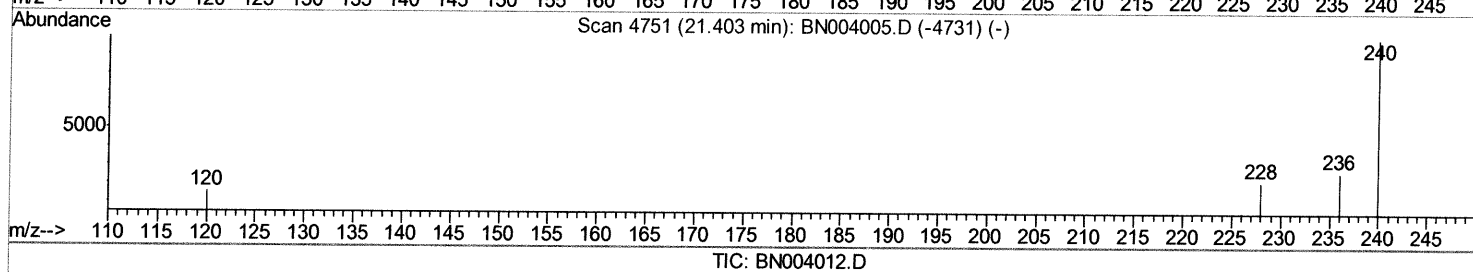
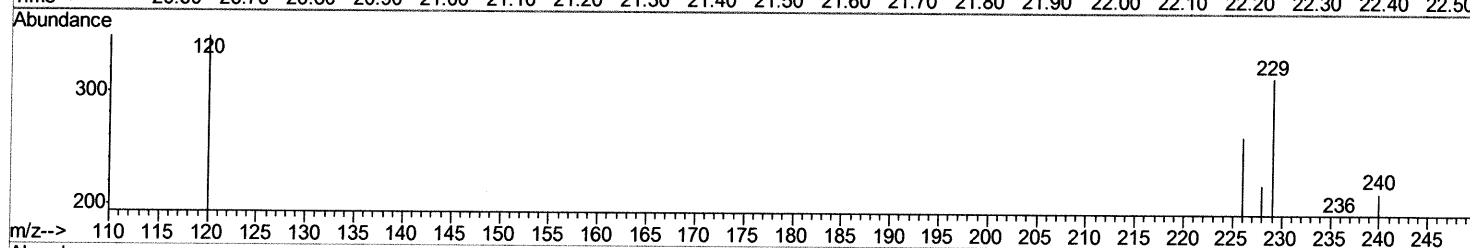
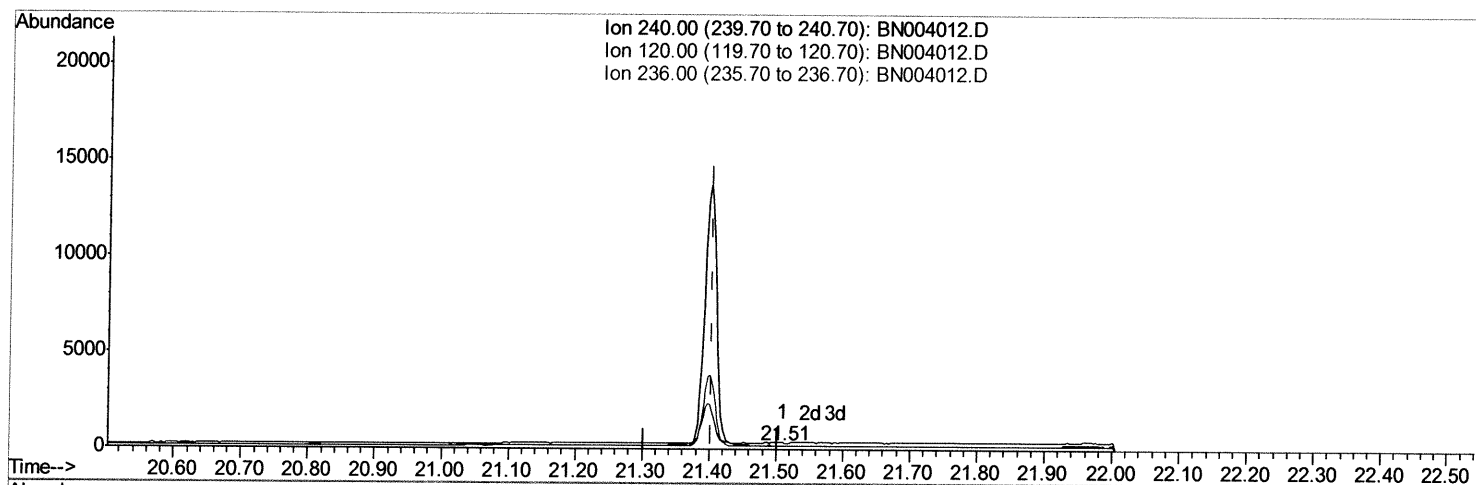
Data File : BN004012.D
Acq On : 17 Dec 2018 01:15
Operator : JU/SJ
Sample : J6236-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
F9E19

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:20 PM

Quant Time: Dec 17 07:02:27 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 : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.511min (+0.108) 0.40ng/ul

response 21

Ion	Exp%	Act%
240.00	100	100
120.00	14.00	163.38#
236.00	27.60	91.08#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121618\
Quantitation Report (Qedit)

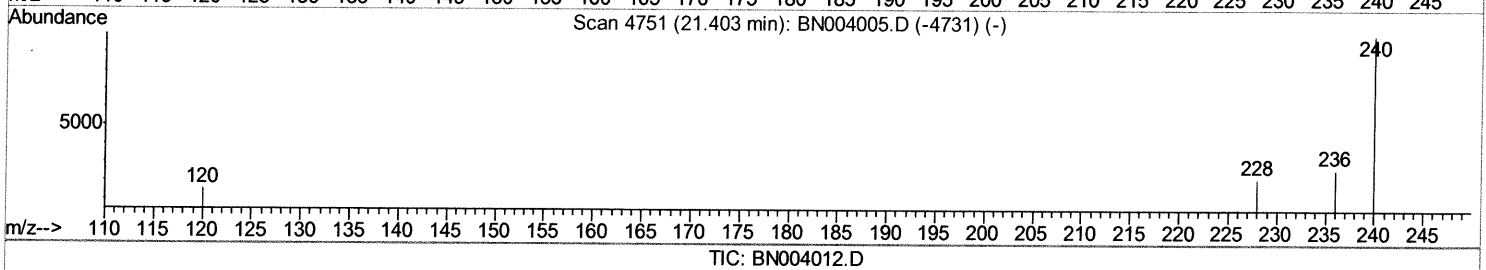
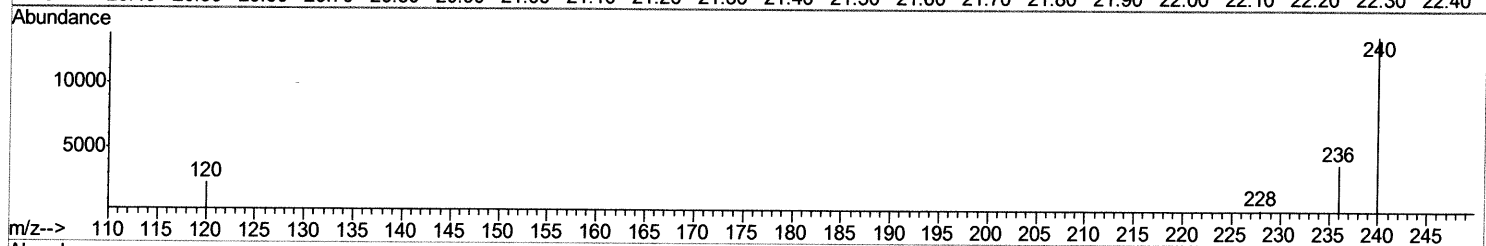
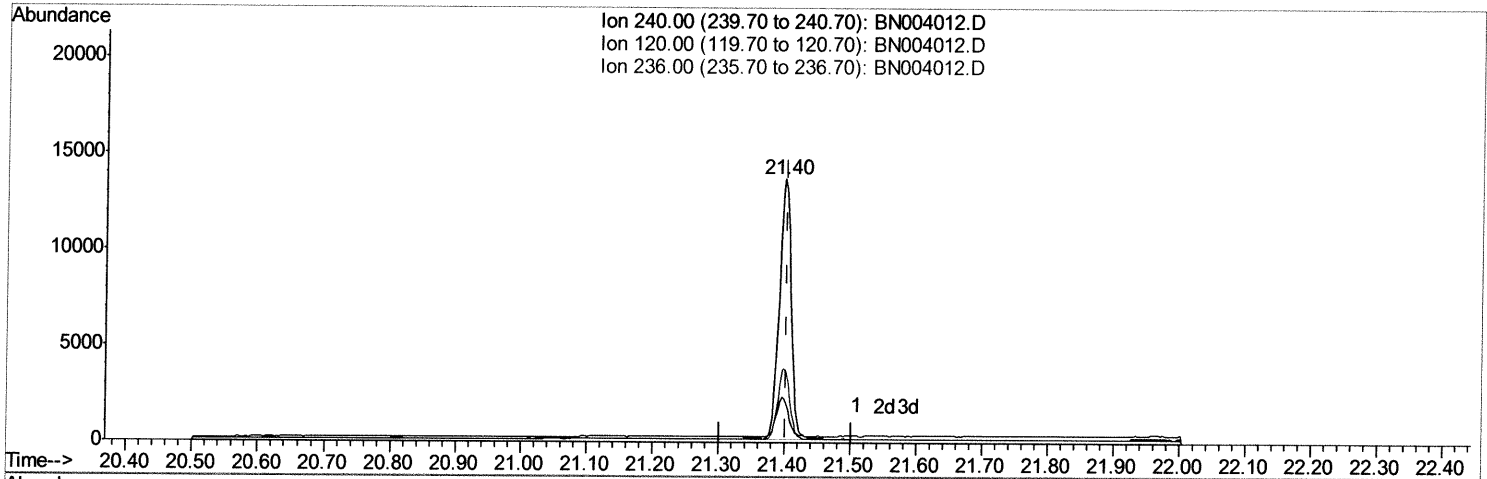
Data File : BN004012.D
Acq On : 17 Dec 2018 01:15
Operator : JU/SJ
Sample : J6236-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E19

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:20 PM

Quant Time: Dec 17 07:02:27 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 : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration



TIC: BN004012.D

(16) Chrysene-d12 (I)

21.400min (-0.003) 0.40ng/ul m

response 16862

Ion	Exp%	Act%
240.00	100	100
120.00	14.00	16.91#
236.00	27.60	28.37
0.00	0.00	0.00

> SJ
12/17/18

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121618\
Quantitation Report (Qedit)

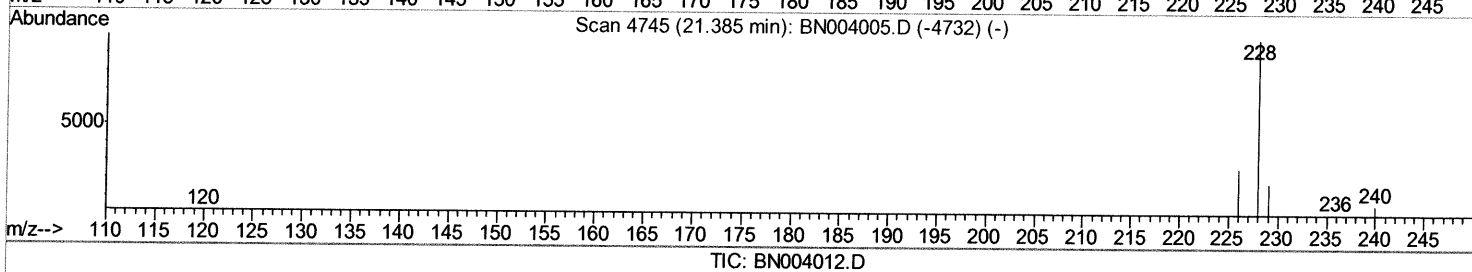
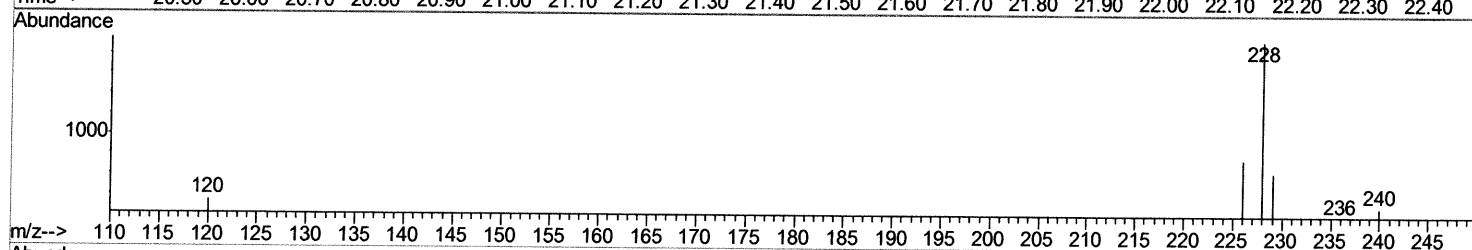
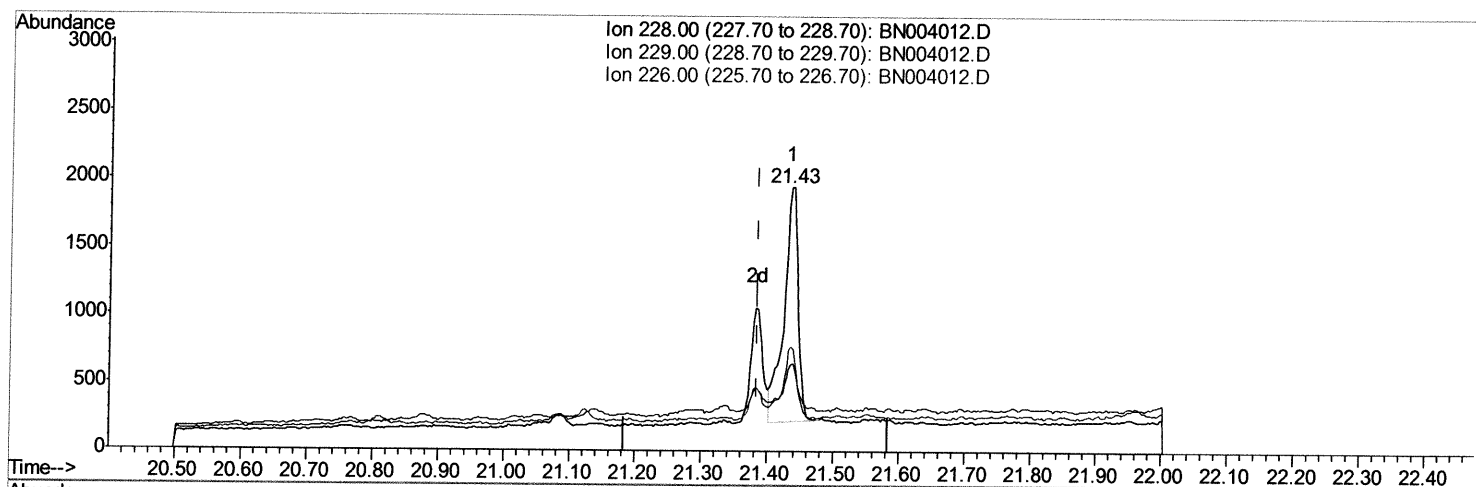
Data File : BN004012.D
Acq On : 17 Dec 2018 01:15
Operator : JU/SJ
Sample : J6236-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E19

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:20 PM

Quant Time: Dec 17 07:03:44 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 : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration



(18) Benzo(a)anthracene
21.435min (+0.050) 0.05ng/ul
response 2593
Ion Exp% Act%
228.00 100 100
229.00 19.50 32.79#
226.00 26.40 39.76#
0.00 0.00 0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121618\
Quantitation Report (Qedit)

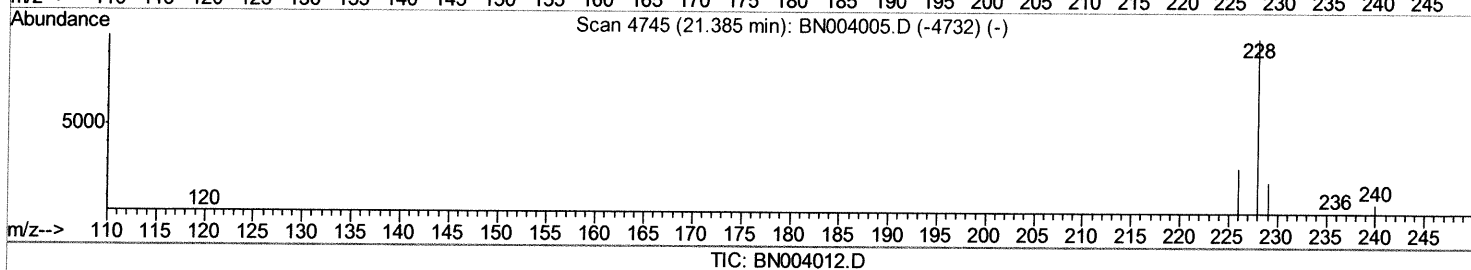
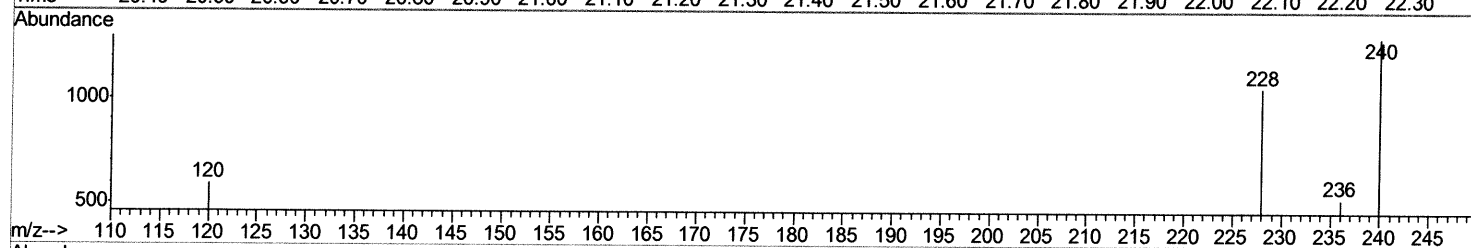
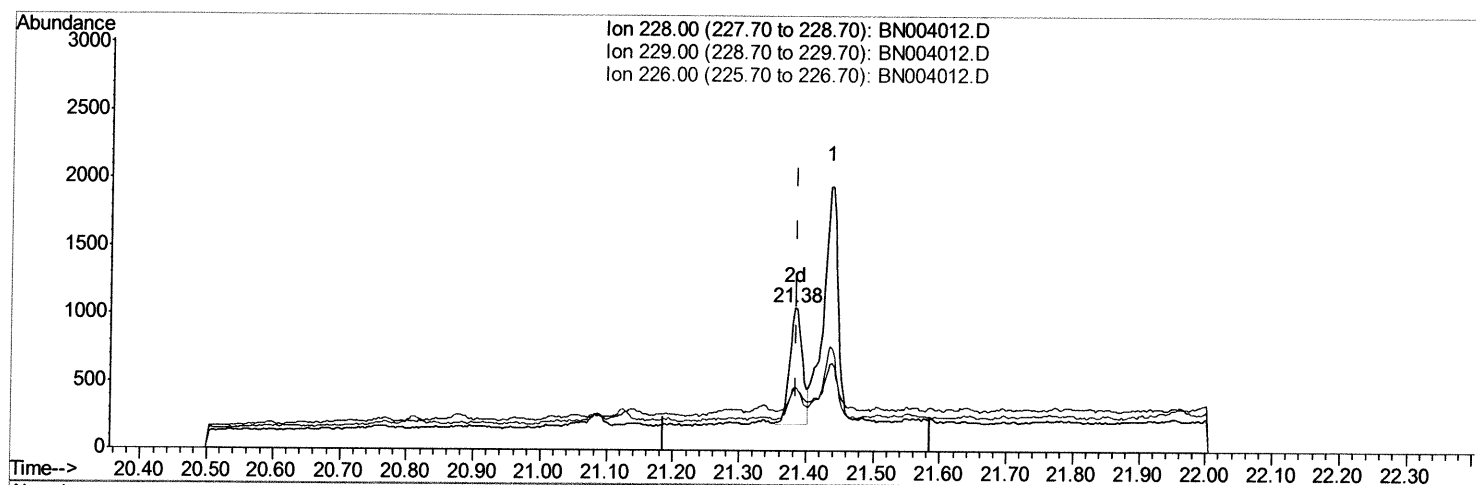
Data File : BN004012.D
Acq On : 17 Dec 2018 01:15
Operator : JU/SJ
Sample : J6236-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E19

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:20 PM

Quant Time: Dec 17 07:03:44 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 : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration



(18) Benzo(a)anthracene

21.382min (-0.003) 0.02ng/ul m

response 1140

Ion	Exp%	Act%
228.00	100	100
229.00	19.50	43.56#
226.00	26.40	44.32#
0.00	0.00	0.00

> SJ
12/17/18

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121618\
Quantitation Report (Qedit)

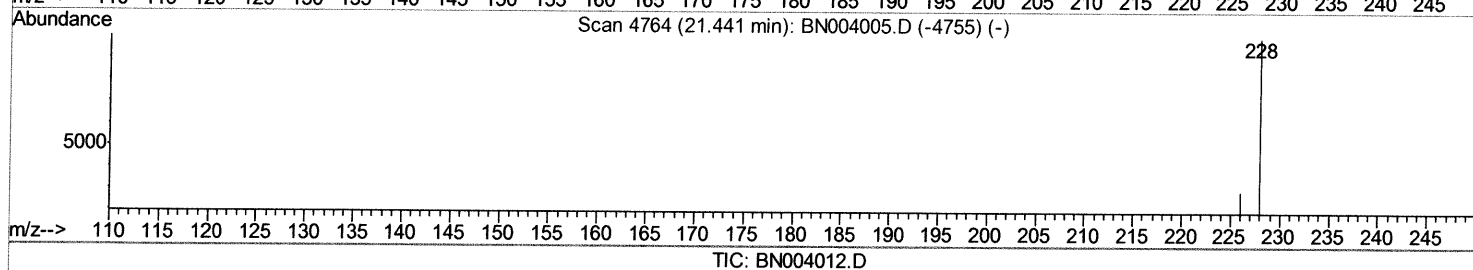
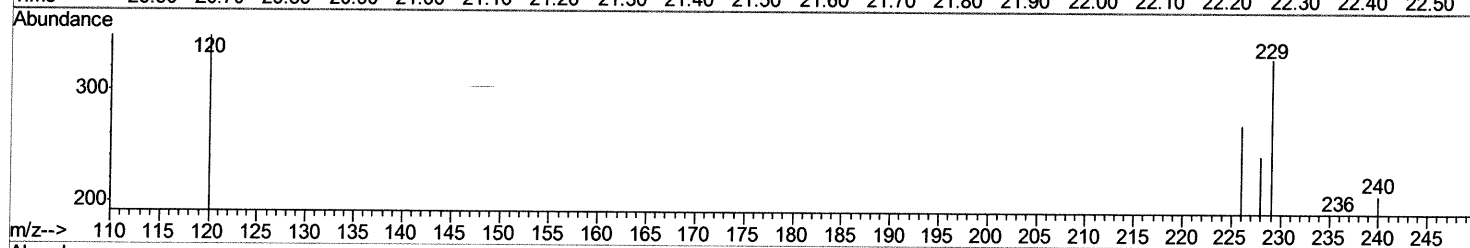
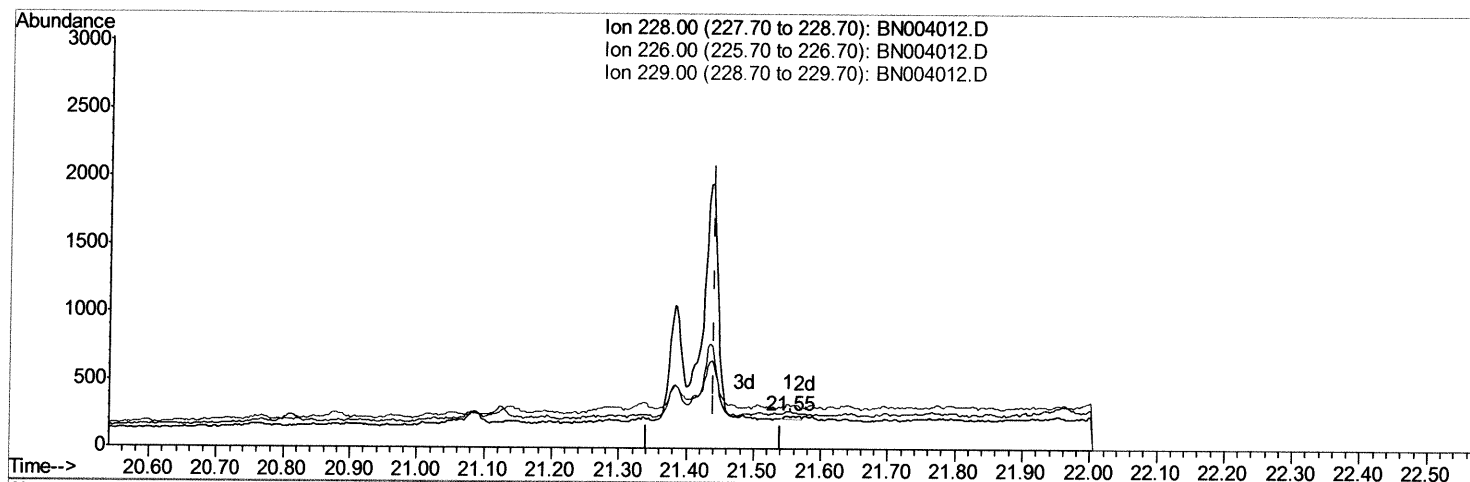
Data File : BN004012.D
Acq On : 17 Dec 2018 01:15
Operator : JU/SJ
Sample : J6236-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E19

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:20 PM

Quant Time: Dec 17 07:03:44 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 : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration



(19) Chrysene

21.552min (+0.111) 0.00ng/ul

response 36

Ion	Exp%	Act%
228.00	100	100
226.00	30.00	111.52#
229.00	19.60	135.80#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121618\
Quantitation Report (Qedit)

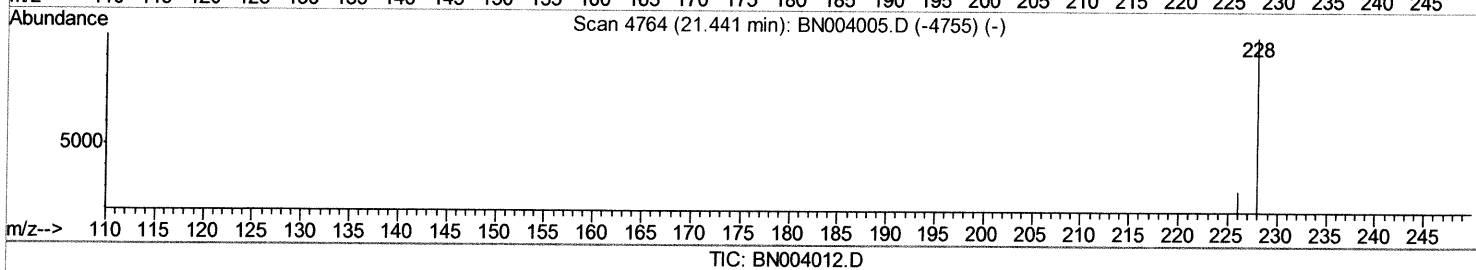
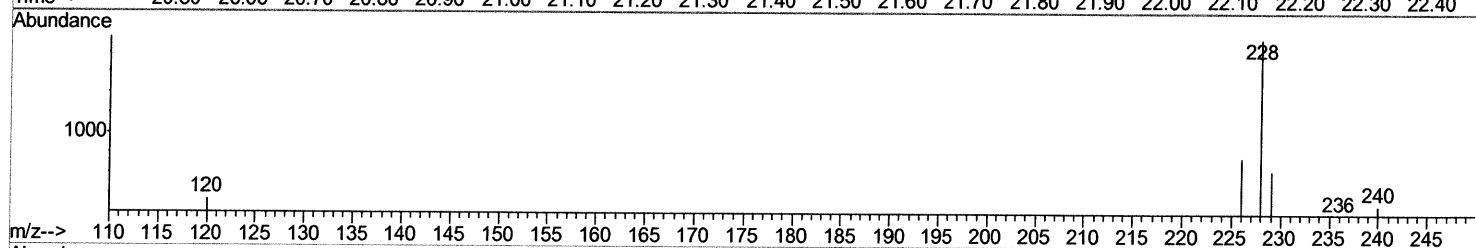
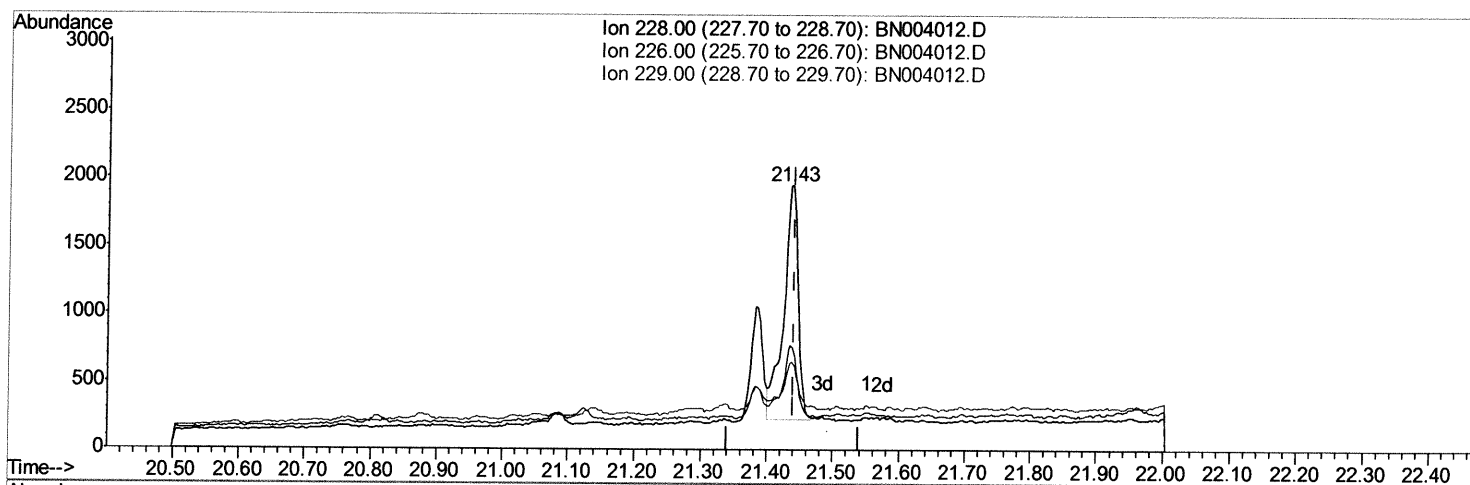
Data File : BN004012.D
Acq On : 17 Dec 2018 01:15
Operator : JU/SJ
Sample : J6236-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E19

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:20 PM

Quant Time: Dec 17 07:03:44 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 : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration



(19) Chrysene

21.435min (-0.006) 0.04ng/ul m

response 2601

Ion Exp% Act%

228.00 100 100

226.00 30.00 39.76#

229.00 19.60 32.79#

0.00 0.00 0.00

> SJ
12/17/18

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121618\
Quantitation Report (Qedit)

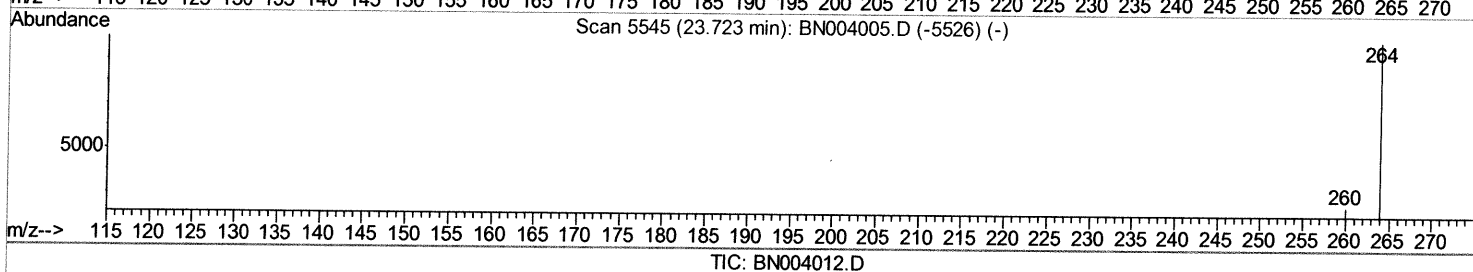
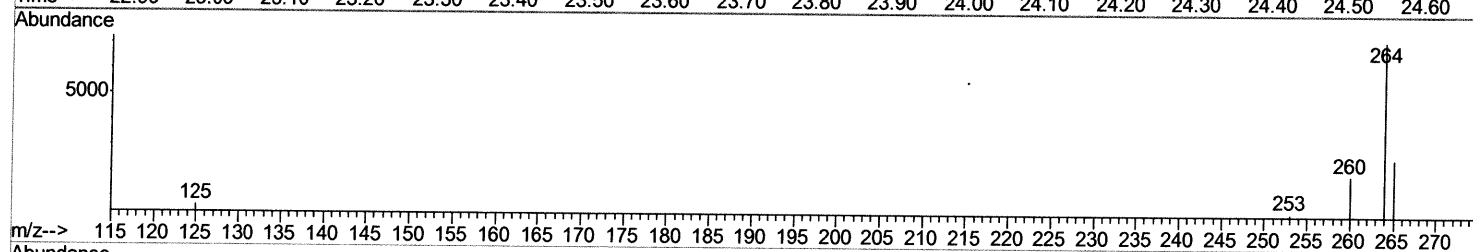
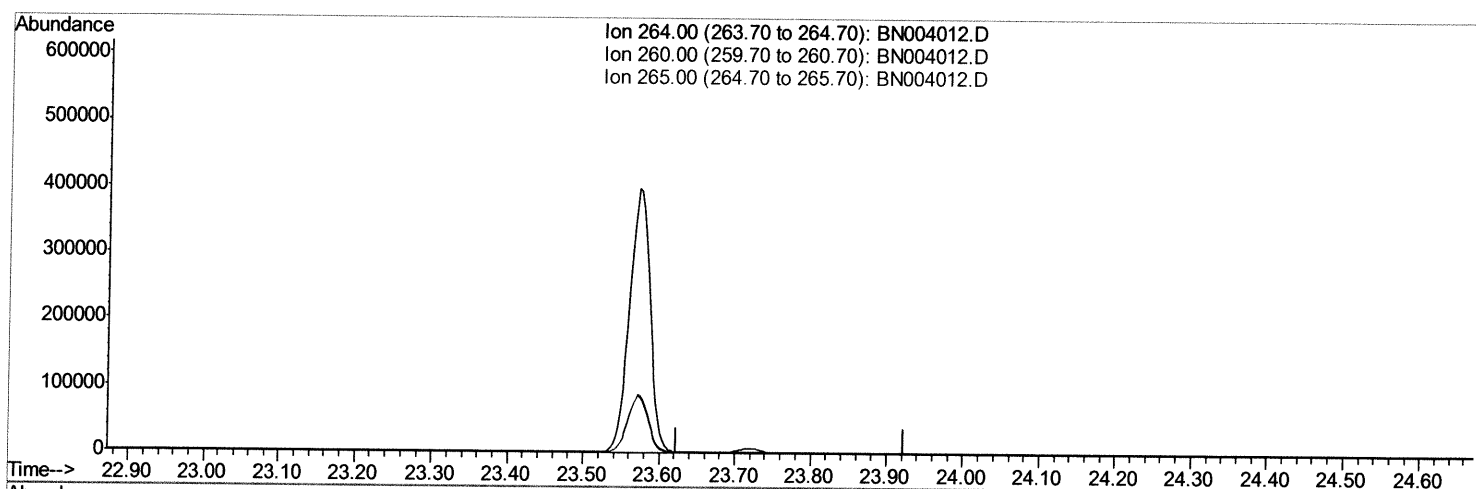
Data File : BN004012.D
Acq On : 17 Dec 2018 01:15
Operator : JU/SJ
Sample : J6236-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
F9E19

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:20 PM

Quant Time: Dec 17 07:03:44 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 : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration



(20) Perylene-d12 (I)

23.723min (-23.723) 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\BN121618\
Quantitation Report (Qedit)

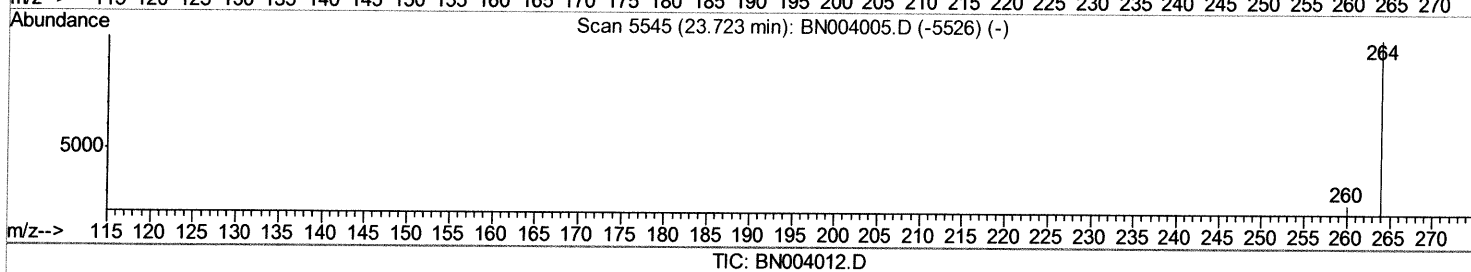
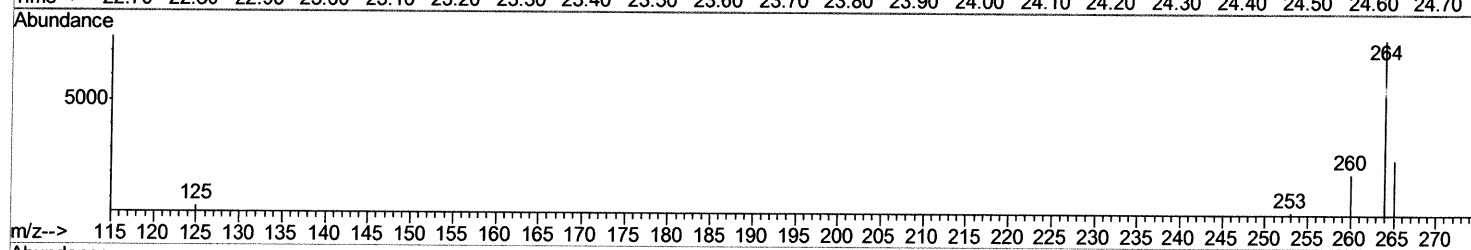
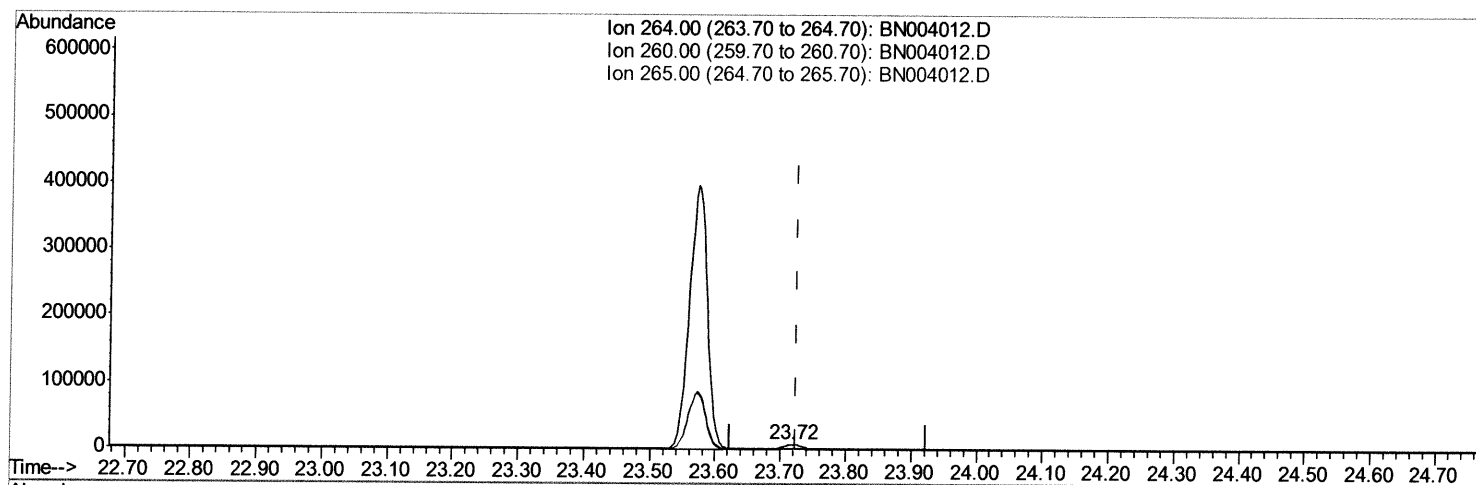
Data File : BN004012.D
Acq On : 17 Dec 2018 01:15
Operator : JU/SJ
Sample : J6236-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
F9E19

Manual Integrations
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Quant Time: Dec 17 07:03:44 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 : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration



(20) Perylene-d12 (I)

23.718min (-0.006) 0.40ng/ul m

response 14152

Ion	Exp%	Act%
264.00	100	100
260.00	26.20	27.35
265.00	33.50	35.08
0.00	0.00	0.00

> SJ
12/17/18

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121618\
Quantitation Report (Qedit)

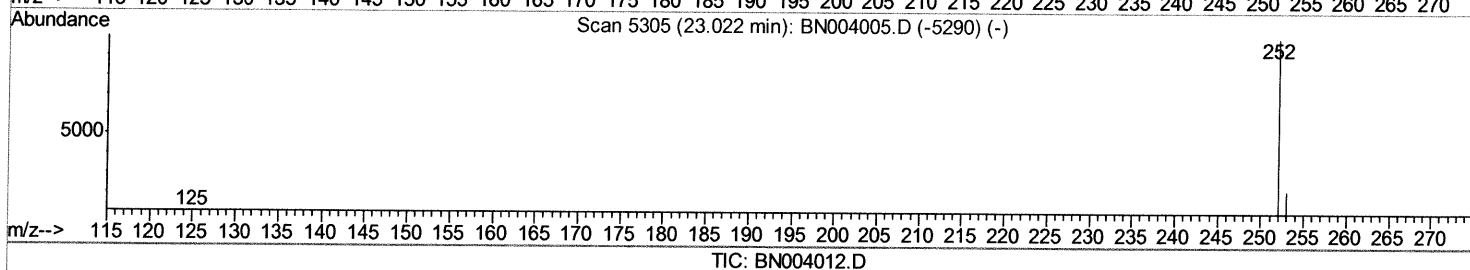
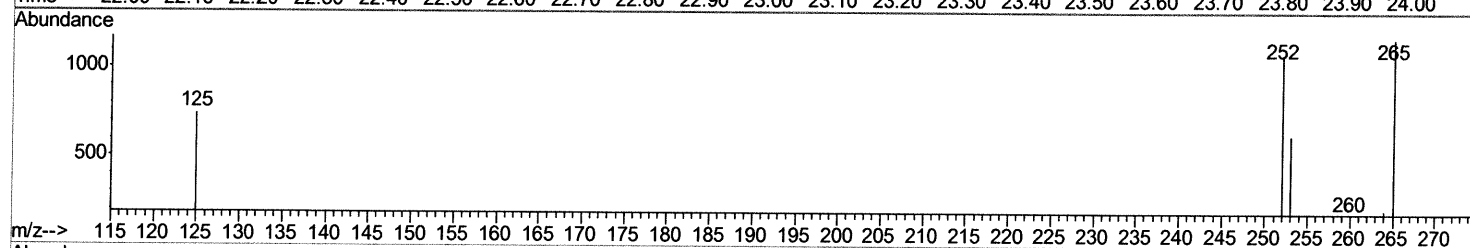
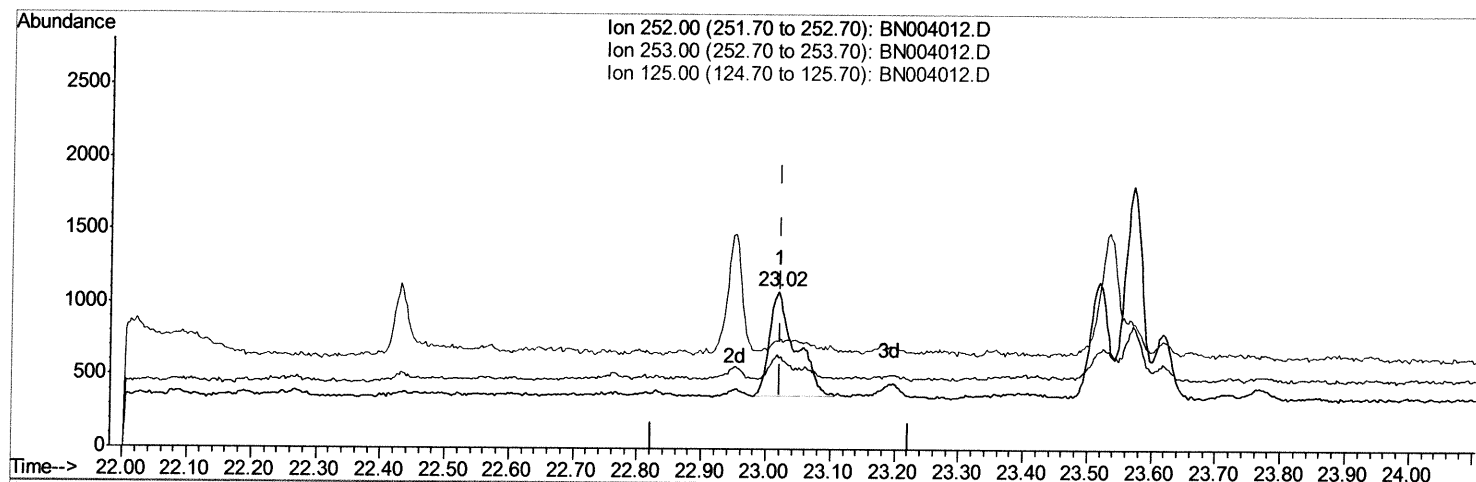
Data File : BN004012.D
Acq On : 17 Dec 2018 01:15
Operator : JU/SJ
Sample : J6236-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E19

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:20 PM

Quant Time: Dec 17 07:04:45 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 : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration



(21) Benzo(b)fluoranthene
23.019min (-0.003) 0.03ng/ul
response 2044

Ion	Exp%	Act%
252.00	100	100
253.00	23.00	57.60#
125.00	11.20	68.20#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121618\
Quantitation Report (Qedit)

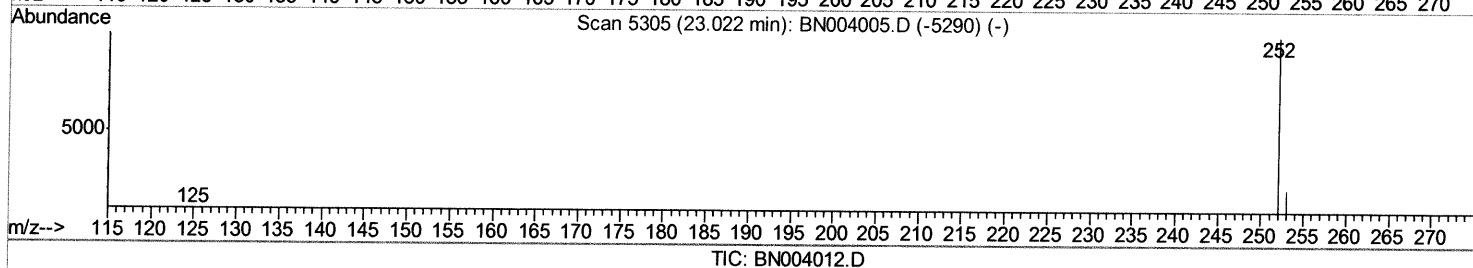
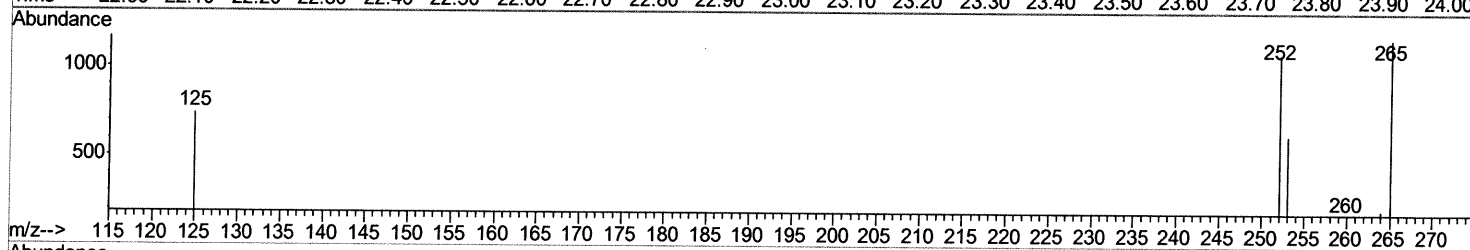
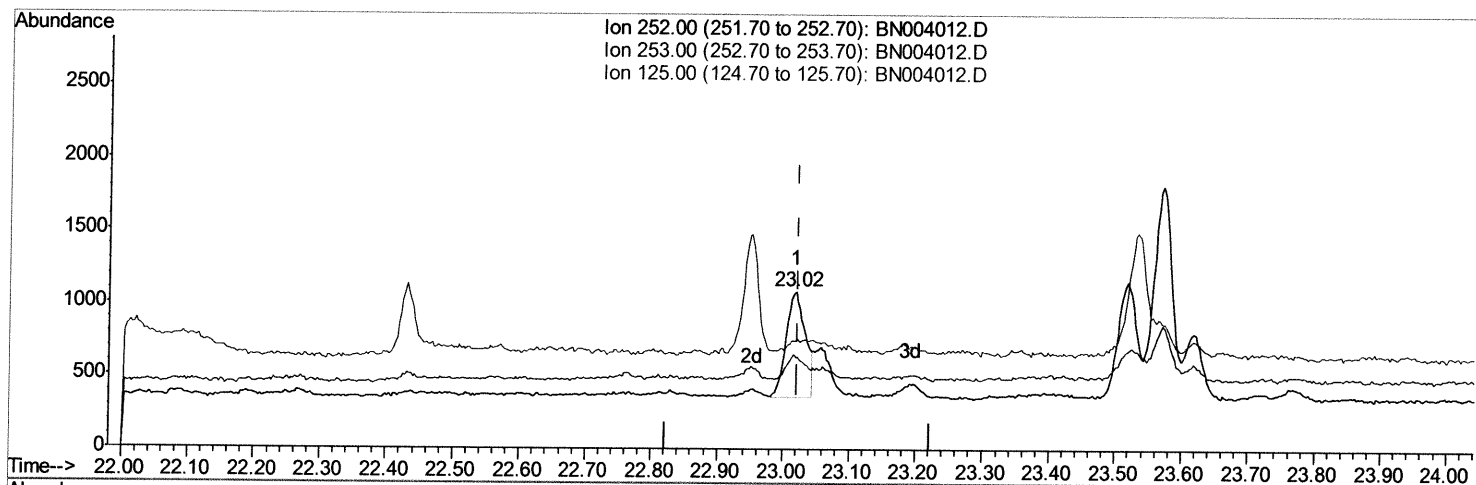
Data File : BN004012.D
Acq On : 17 Dec 2018 01:15
Operator : JU/SJ
Sample : J6236-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E19

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:20 PM

Quant Time: Dec 17 07:04:45 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 : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

23.019min (-0.003) 0.03ng/ul m

response 1469

Ion Exp% Act%

252.00 100 100

253.00 23.00 57.60#

125.00 11.20 68.20#

0.00 0.00 0.00

> SJ
12/17/18

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121618\
Quantitation Report (QT Reviewed)

Data File : BN004012.D
Acq On : 17 Dec 2018 01:15
Operator : JU/SJ
Sample : J6236-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E19

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:20 PM

Quant Time: Dec 17 07:05:31 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 : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1976	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	10040	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	6115	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	15394m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	16862m	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	14152m	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.22	152	3479	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	11139m	0.25	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) Phenanthrene	17.26	178	1649m	0.033	ng/ul	
15) Fluoranthene	19.28	202	1384m	0.023	ng/ul	
17) Pyrene	19.64	202	1827	0.030	ng/ul#	81
18) Benzo(a)anthracene	21.38	228	1140m	0.021	ng/ul	
19) Chrysene	21.43	228	2601m	0.043	ng/ul	
21) Benzo(b)fluoranthene	23.02	252	1469m	0.025	ng/ul	

JS
12/17/18

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