

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

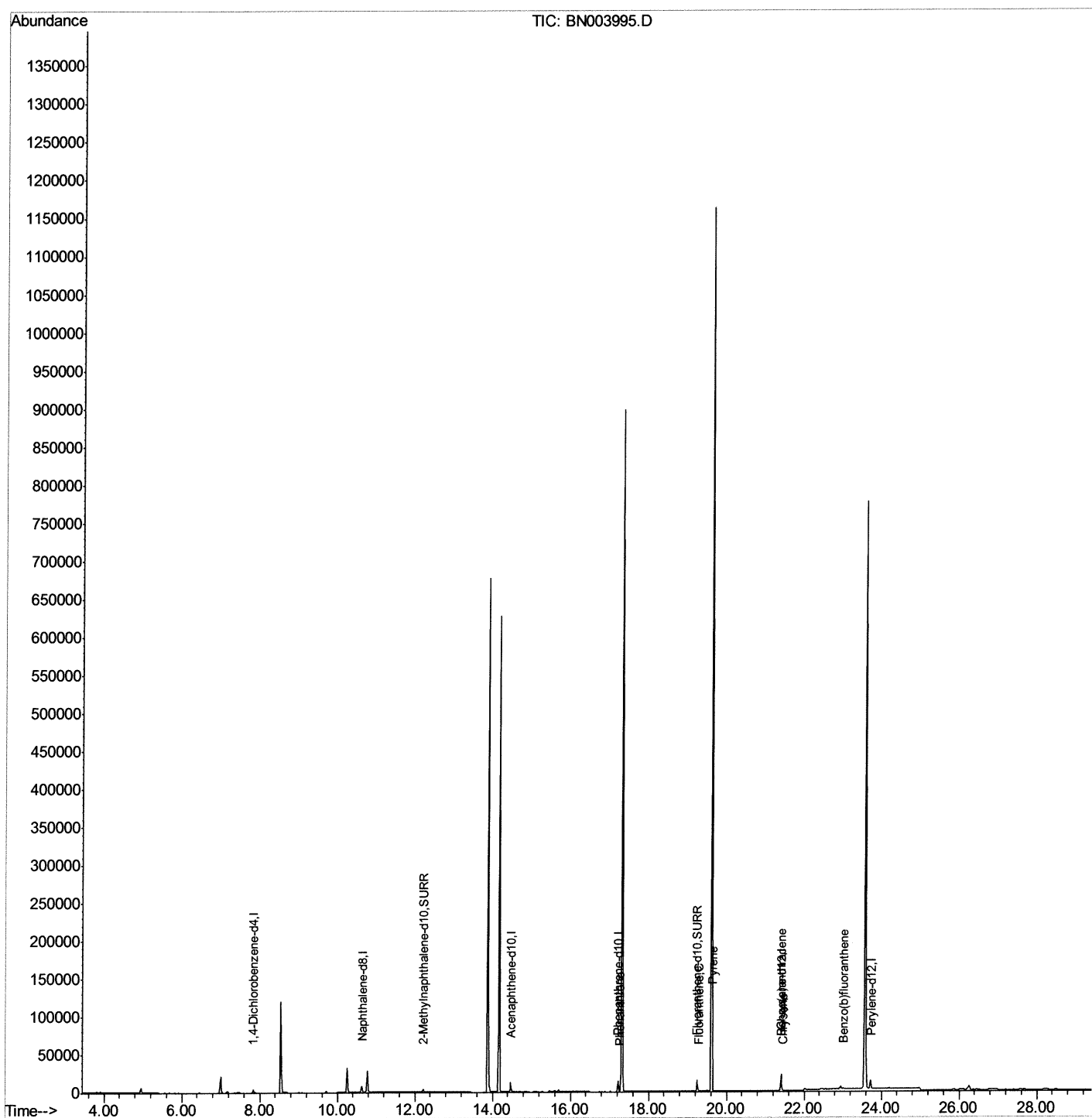
Data File : BN003995.D
Acq On : 16 Dec 2018 15:11
Operator : JU/SJ
Sample : J6229-18
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F32

Manual Integrations
APPROVED

Sohil
12/17/2018 4:27:38 PM

Quant Time: Dec 17 04:53:43 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 04:06:53 2018
Response via : Initial Calibration



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

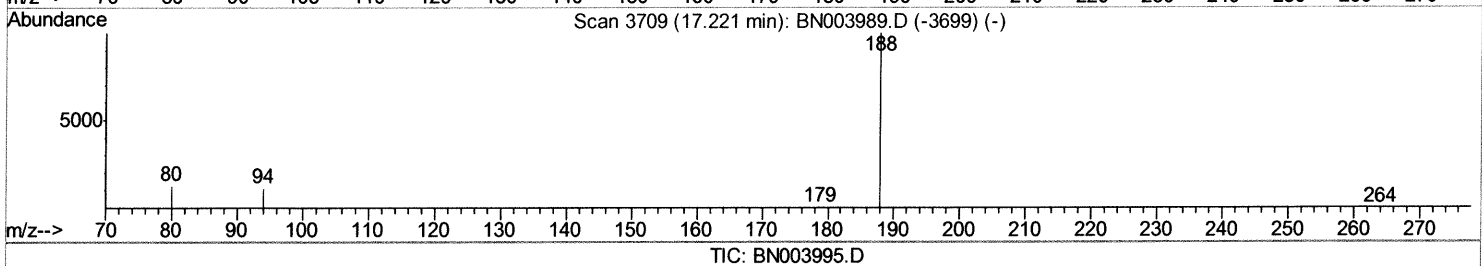
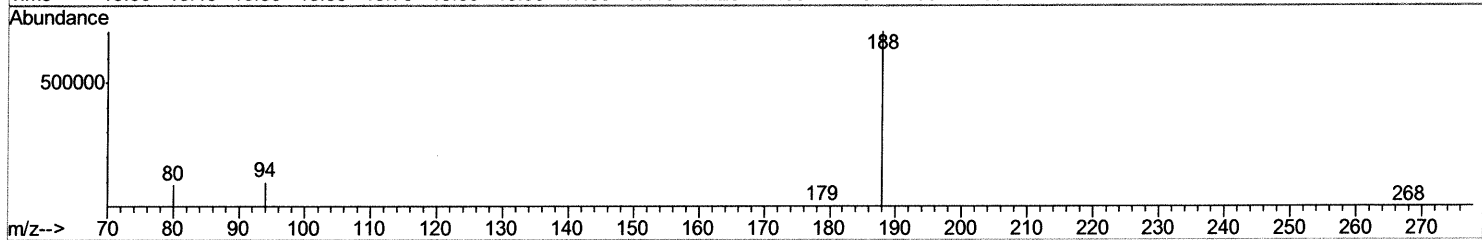
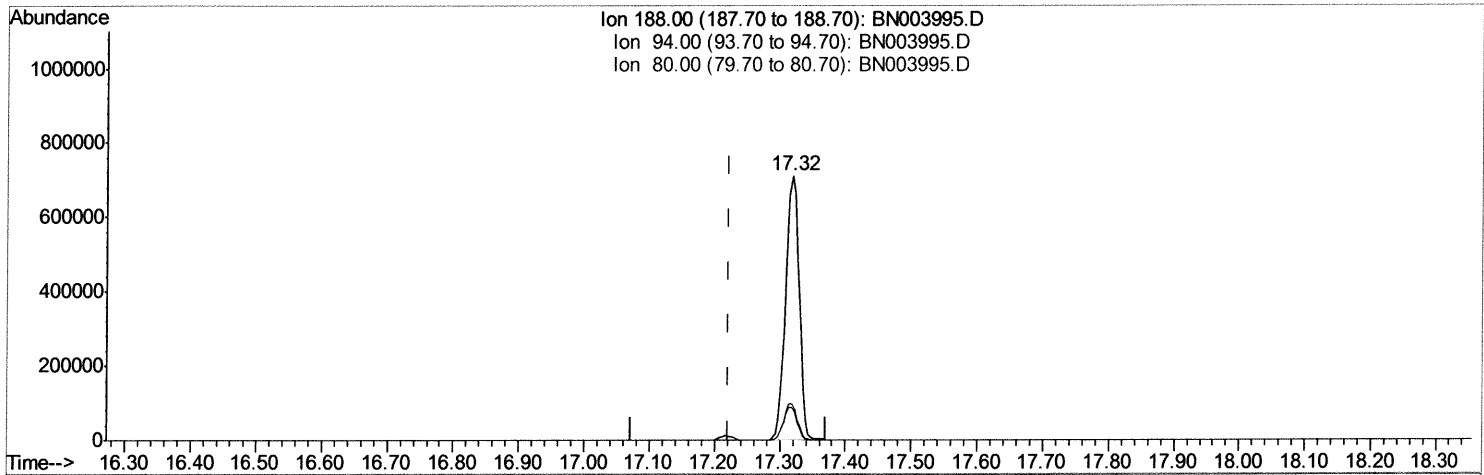
Data File : BN003995.D
Acq On : 16 Dec 2018 15:11
Operator : JU/SJ
Sample : J6229-18
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F32

Manual Integrations
APPROVED

Sohil
12/17/2018 4:27:38 PM

Quant Time: Dec 17 04:10:08 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 04:06:53 2018
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)
17.318min (+0.097) 0.40ng/ul
response 1016525

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	13.75#
80.00	11.60	12.32
0.00	0.00	0.00

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

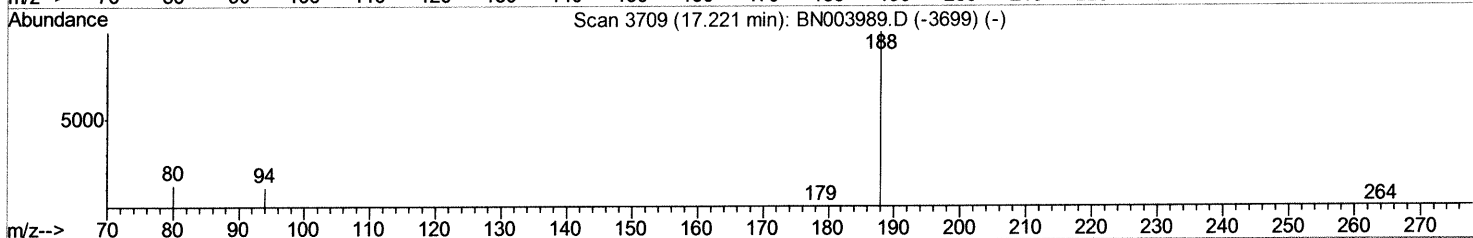
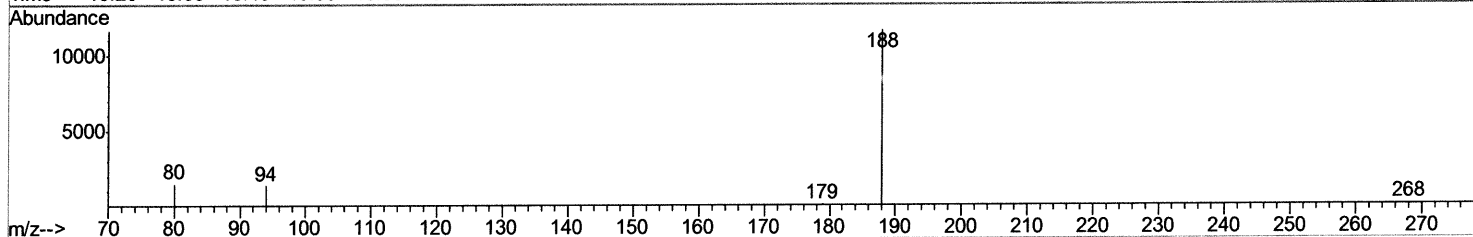
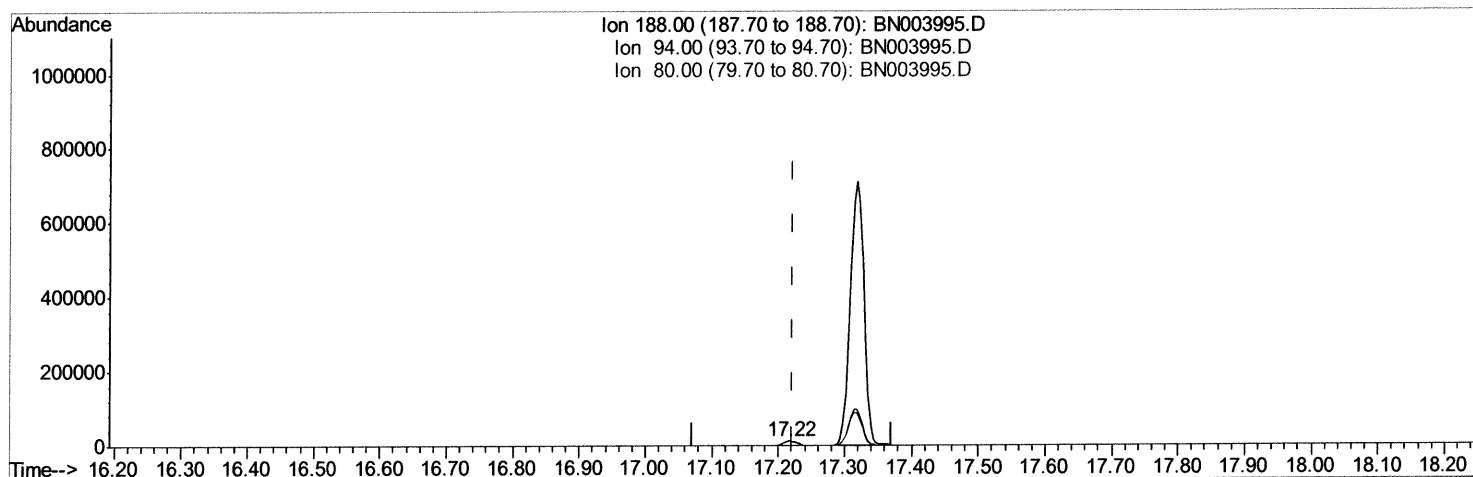
Data File : BN003995.D
Acq On : 16 Dec 2018 15:11
Operator : JU/SJ
Sample : J6229-18
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F32

Manual Integrations
APPROVED

Sohil
12/17/2018 4:27:38 PM

Quant Time: Dec 17 04:10:08 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 04:06:53 2018
Response via : Initial Calibration



TIC: BN003995.D

(10) Phenanthrene-d10 (I)

17.217min (-0.004) 0.40ng/ul m

response 15975

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	11.72
80.00	11.60	12.85
0.00	0.00	0.00

> SJ
12/17/18

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

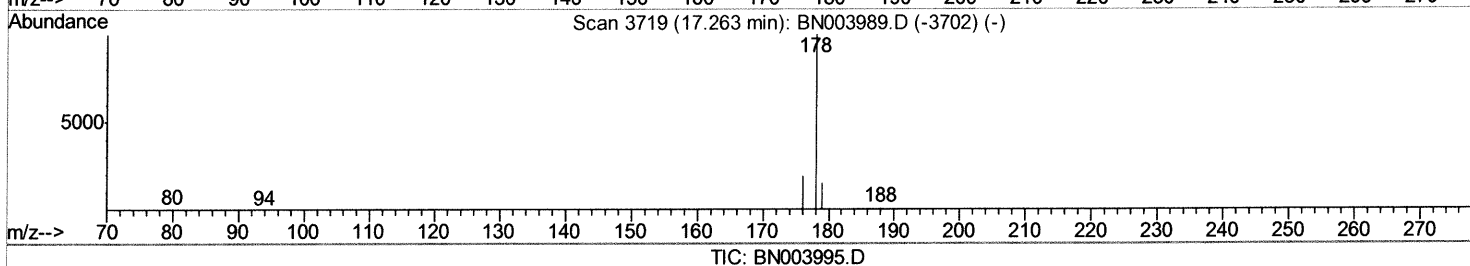
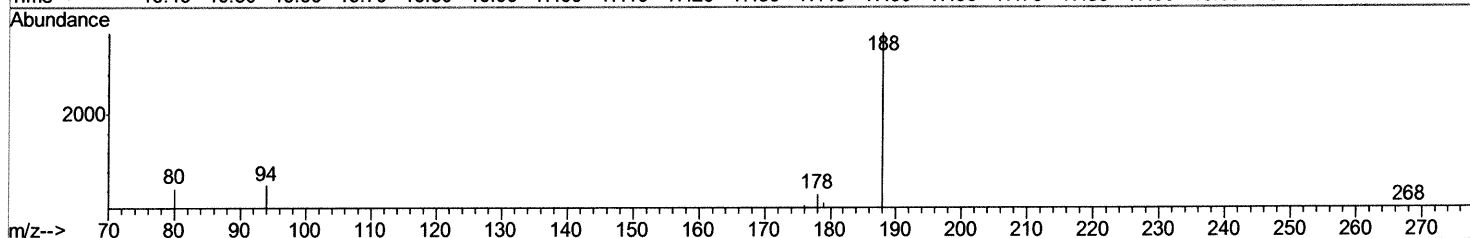
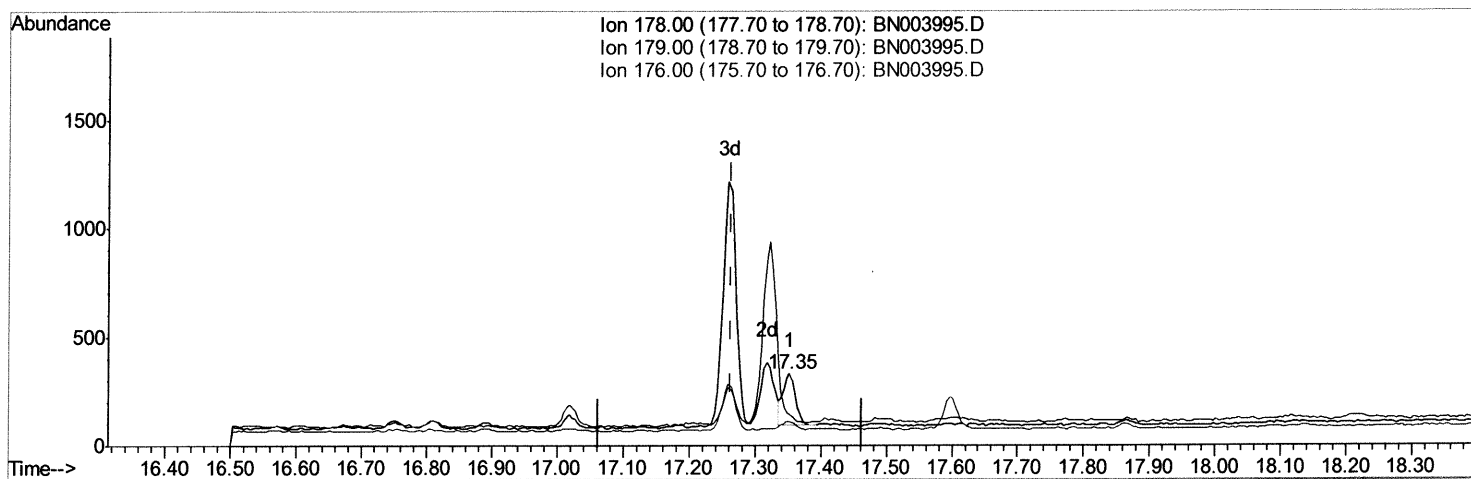
Data File : BN003995.D
Acq On : 16 Dec 2018 15:11
Operator : JU/SJ
Sample : J6229-18
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F32

Manual Integrations
APPROVED

Sohil
12/17/2018 4:27:38 PM

Quant Time: Dec 17 04:49:42 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 : Mon Dec 17 04:06:53 2018
Response via : Initial Calibration



(12) Phenanthrene

17.352min (+0.089) 0.01ng/ul

response 315

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	43.64#
176.00	18.70	33.94#
0.00	0.00	0.00

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

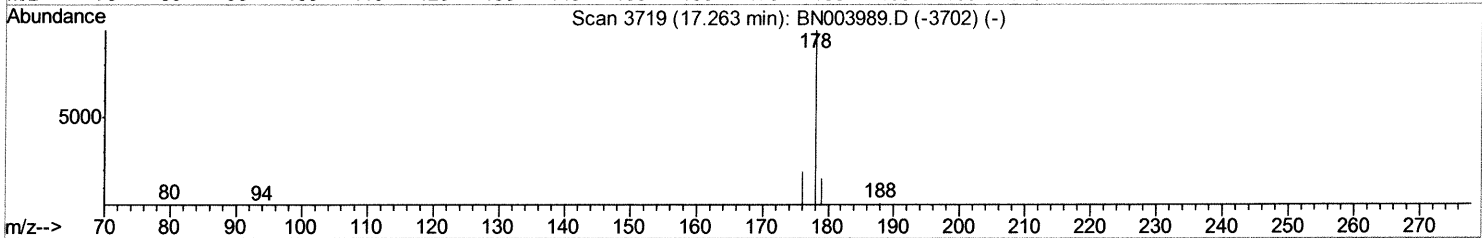
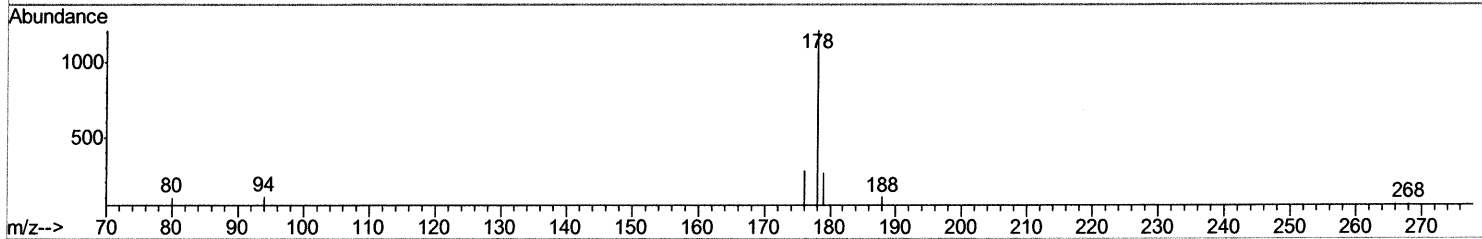
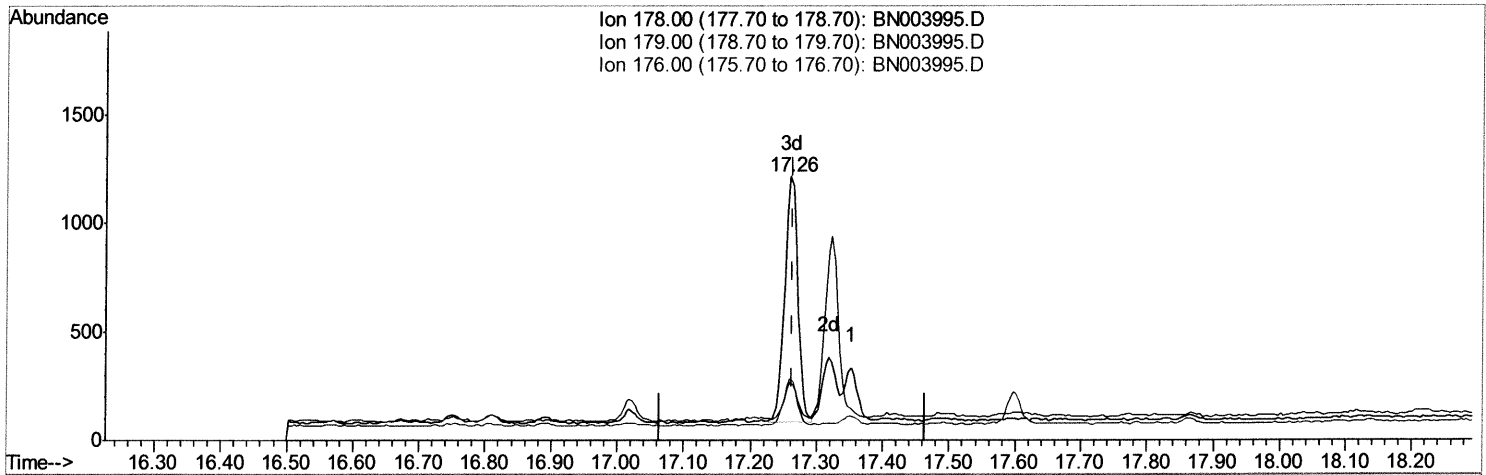
Data File : BN003995.D
Acq On : 16 Dec 2018 15:11
Operator : JU/SJ
Sample : J6229-18
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F32

Manual Integrations
APPROVED

Sohil
12/17/2018 4:27:38 PM

Quant Time: Dec 17 04:49:42 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 : Mon Dec 17 04:06:53 2018
Response via : Initial Calibration



TIC: BN003995.D

(12) Phenanthrene

17.259min (-0.004) 0.03ng/ul m

response 1577

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	21.96#
176.00	18.70	23.27#
0.00	0.00	0.00

> SJ
12/17/18

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

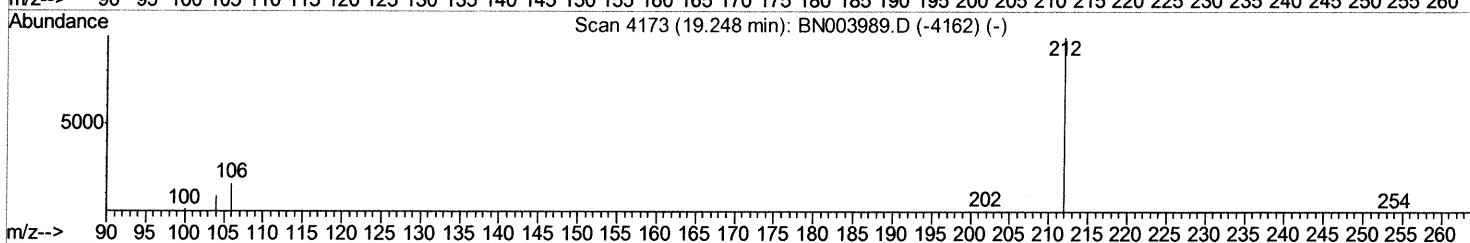
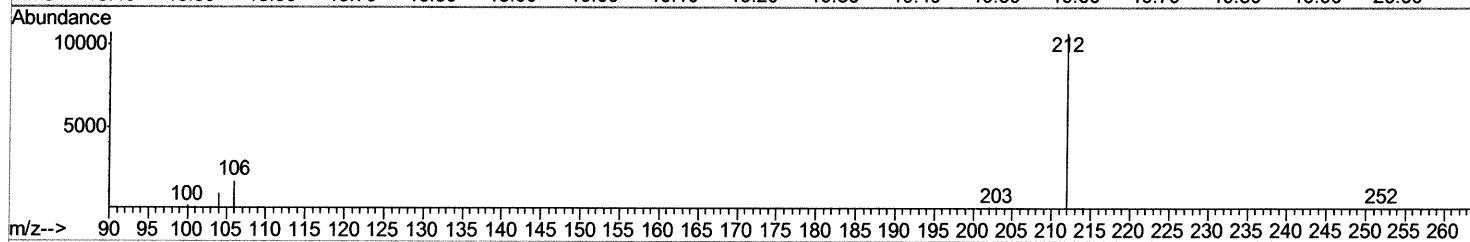
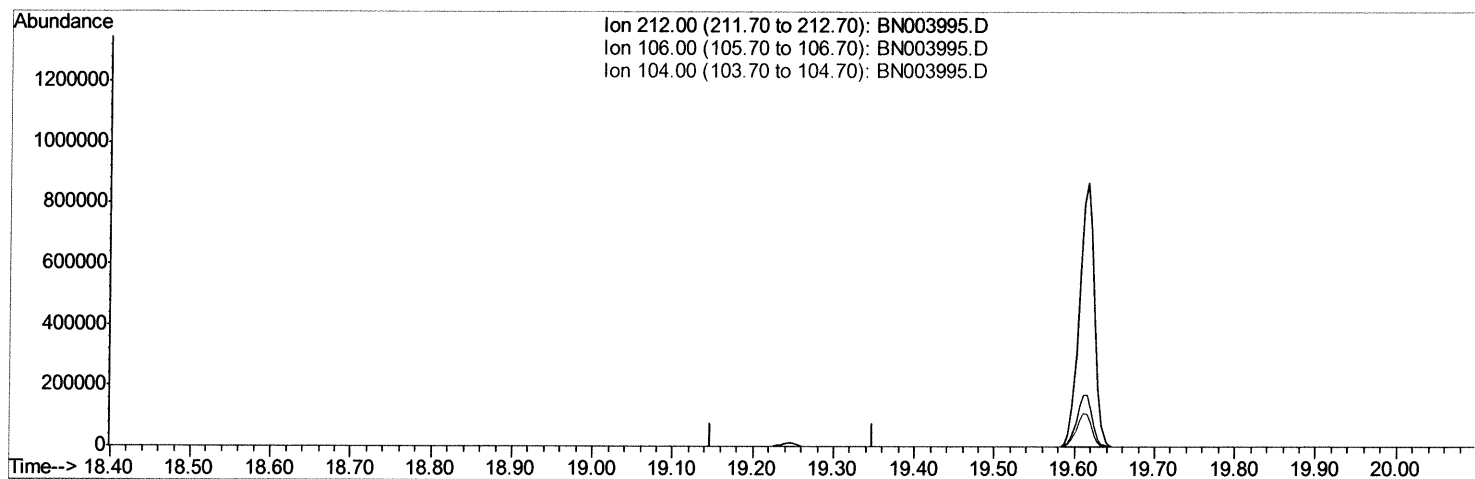
Data File : BN003995.D
Acq On : 16 Dec 2018 15:11
Operator : JU/SJ
Sample : J6229-18
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F32

Manual Integrations
APPROVED

Sohil
12/17/2018 4:27:38 PM

Quant Time: Dec 17 04:49:42 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 : Mon Dec 17 04:06:53 2018
Response via : Initial Calibration



TIC: BN003995.D

(14) Fluoranthene-d10 (SURR)

19.248min (-19.248) 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)

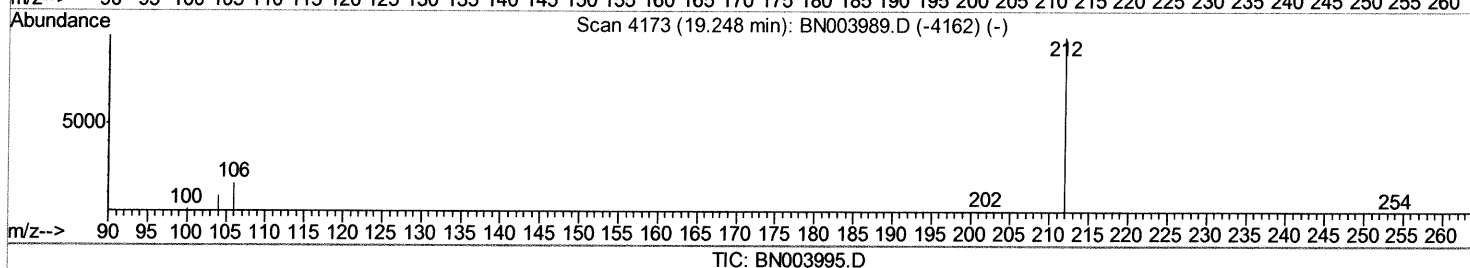
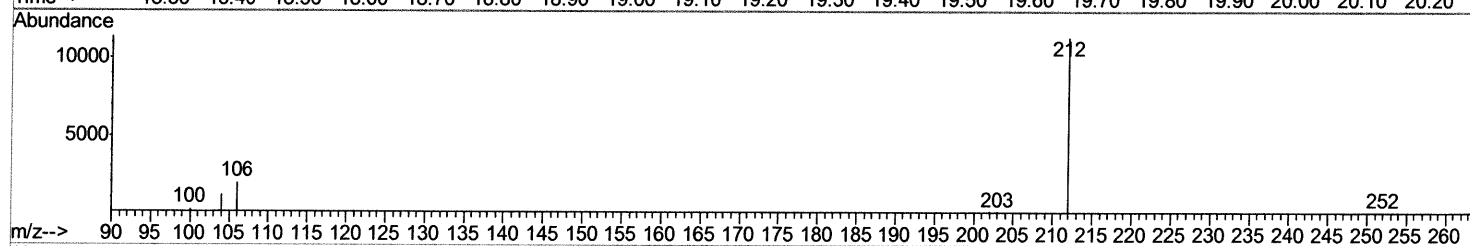
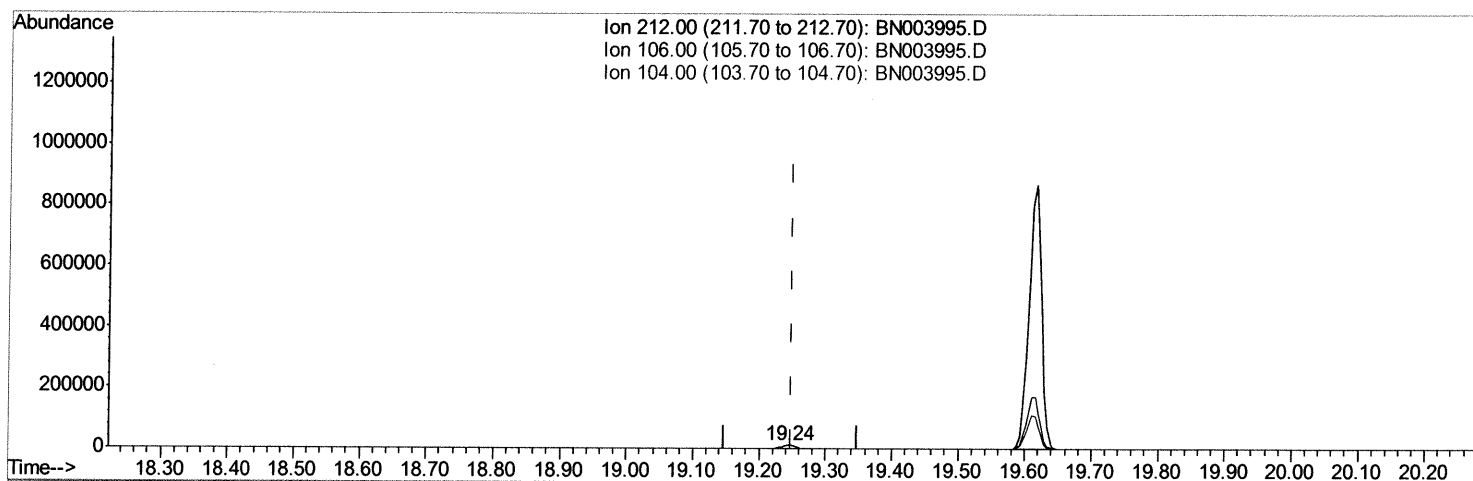
Data File : BN003995.D
Acq On : 16 Dec 2018 15:11
Operator : JU/SJ
Sample : J6229-18
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F32

Manual Integrations
APPROVED

Sohil
12/17/2018 4:27:38 PM

Quant Time: Dec 17 04:49:42 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 : Mon Dec 17 04:06:53 2018
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.243min (-0.005) 0.32ng/ul m

response 15186

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

> $\frac{53}{12117118}$

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

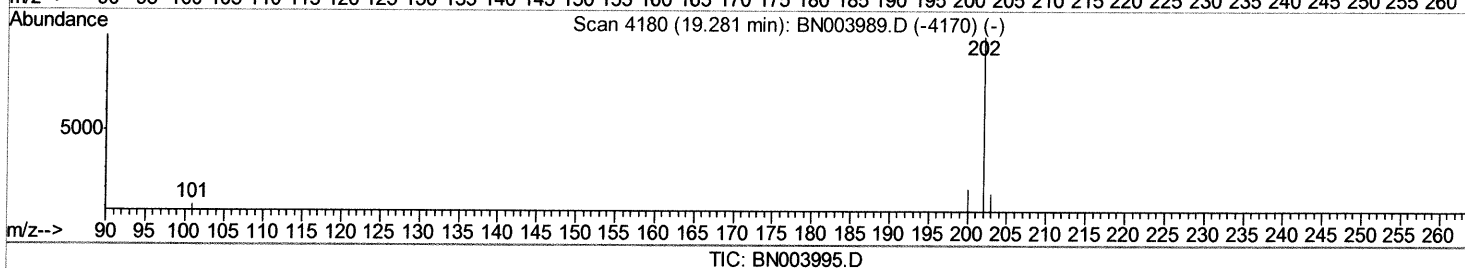
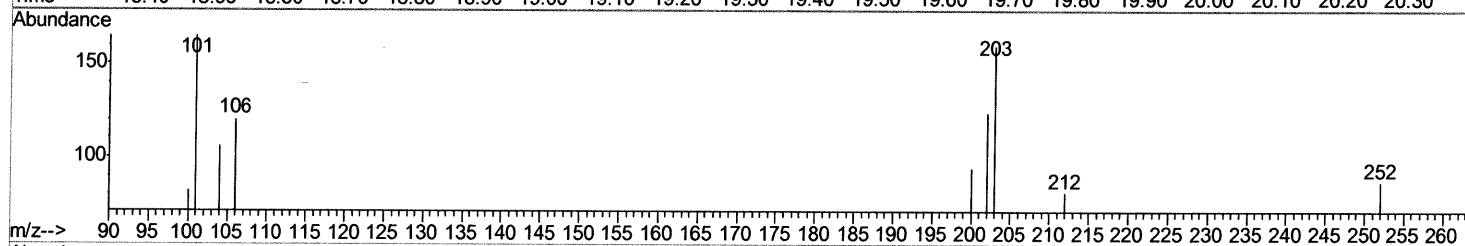
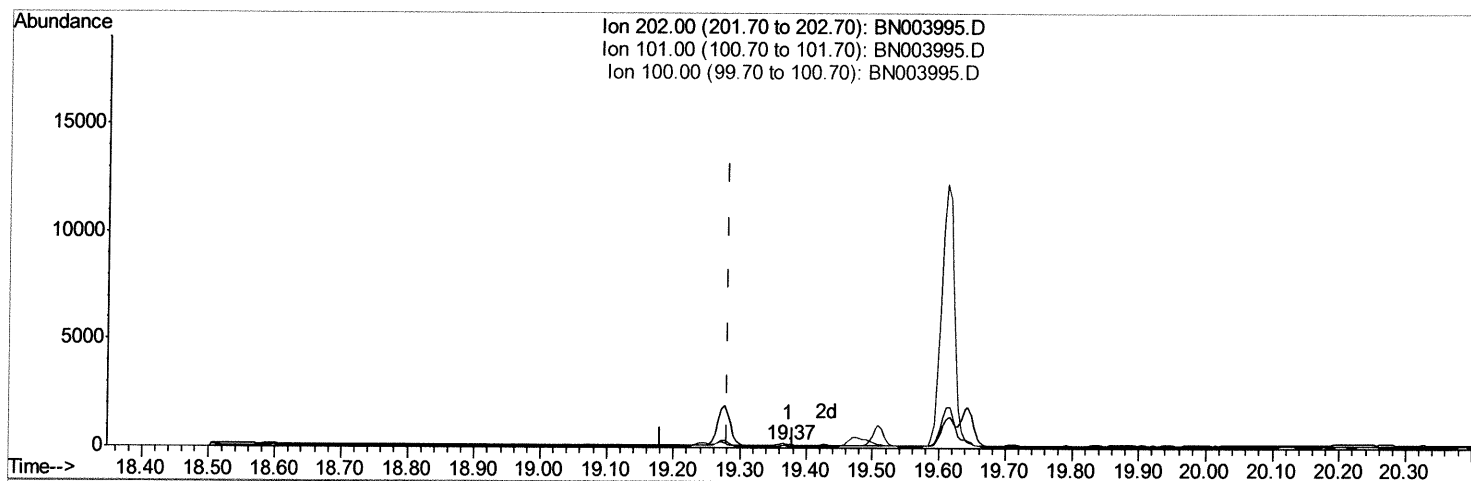
Data File : BN003995.D
Acq On : 16 Dec 2018 15:11
Operator : JU/SJ
Sample : J6229-18
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F32

Manual Integrations
APPROVED

Sohil
12/17/2018 4:27:38 PM

Quant Time: Dec 17 04:49:42 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 : Mon Dec 17 04:06:53 2018
Response via : Initial Calibration



(15) Fluoranthene (C)

19.374min (+0.093) 0.00ng/ul

response 18

Ion	Exp%	Act%
202.00	100	100
101.00	10.70	133.06#
100.00	8.10	66.13#
0.00	0.00	0.00

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

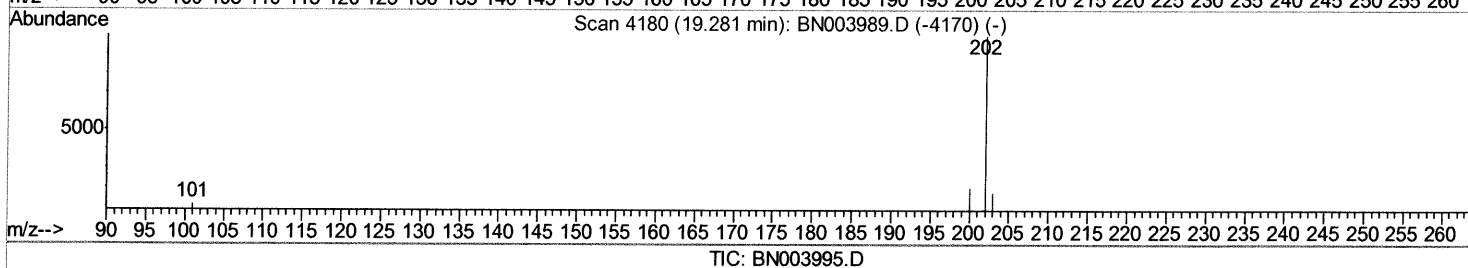
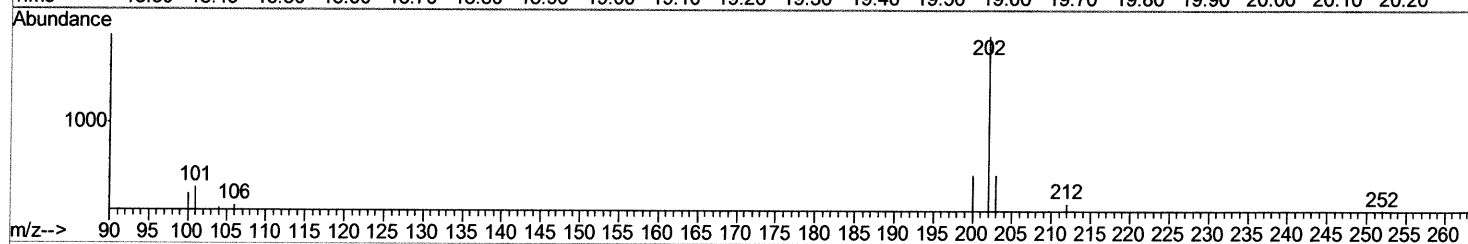
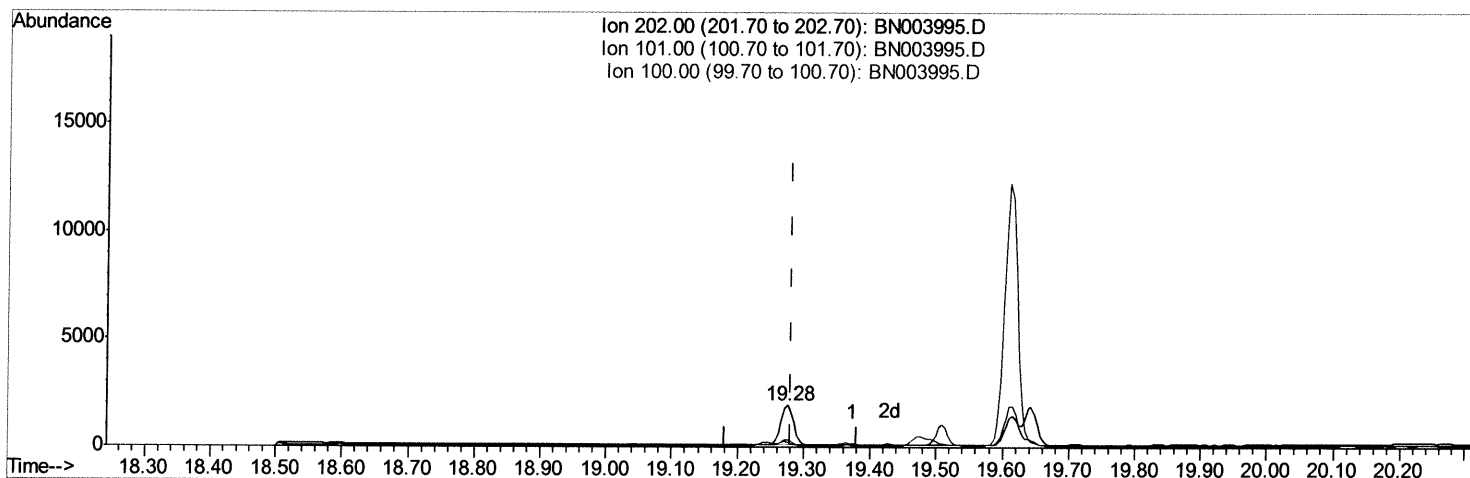
Data File : BN003995.D
Acq On : 16 Dec 2018 15:11
Operator : JU/SJ
Sample : J6229-18
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F32

Manual Integrations
APPROVED

Sohil
12/17/2018 4:27:38 PM

Quant Time: Dec 17 04:49:42 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 : Mon Dec 17 04:06:53 2018
Response via : Initial Calibration



(15) Fluoranthene (C)

19.276min (-0.005) 0.04ng/ul m

response 2412

Ion	Exp%	Act%
202.00	100	100
101.00	10.70	16.38
100.00	8.10	12.96
0.00	0.00	0.00

> $\frac{55}{12/17/18}$

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

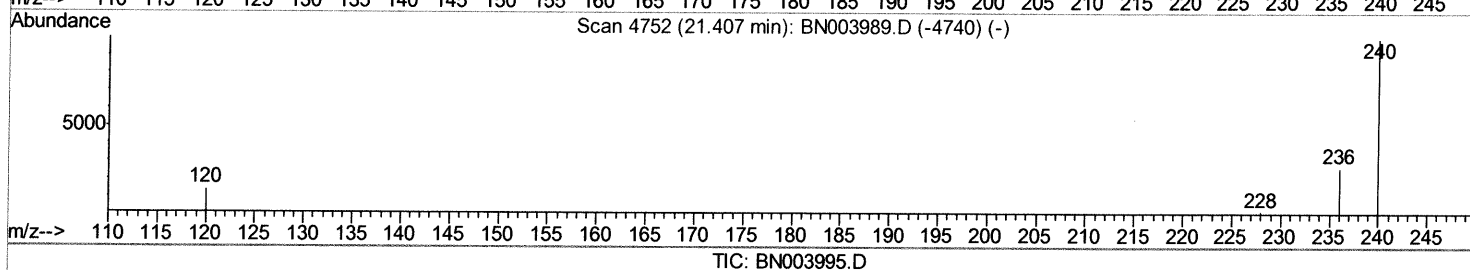
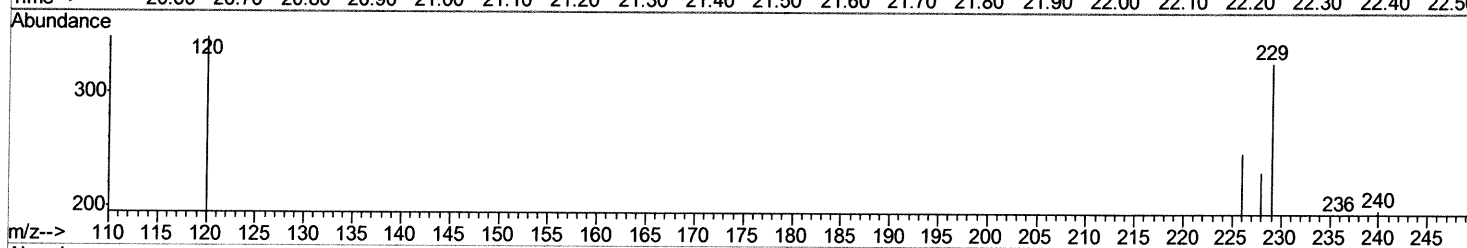
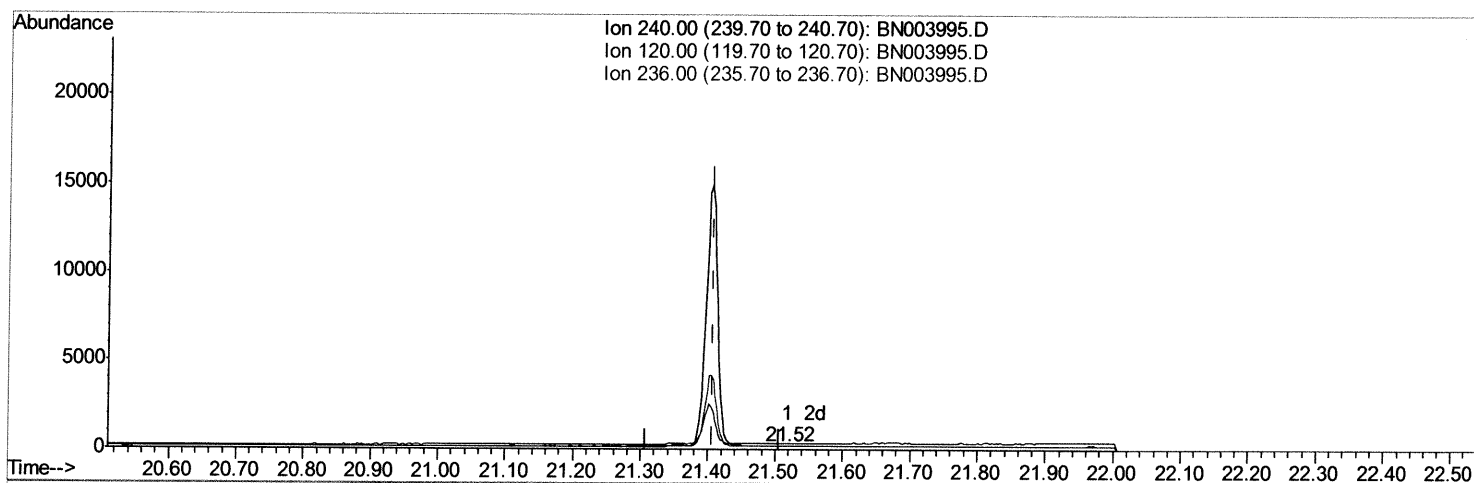
Data File : BN003995.D
Acq On : 16 Dec 2018 15:11
Operator : JU/SJ
Sample : J6229-18
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F32

Manual Integrations
APPROVED

Sohil
12/17/2018 4:27:38 PM

Quant Time: Dec 17 04:49:42 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 : Mon Dec 17 04:06:53 2018
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.518min (+0.111) 0.40ng/ul

response 16

Ion	Exp%	Act%
240.00	100	100
120.00	14.00	175.76#
236.00	27.60	98.48#
0.00	0.00	0.00

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

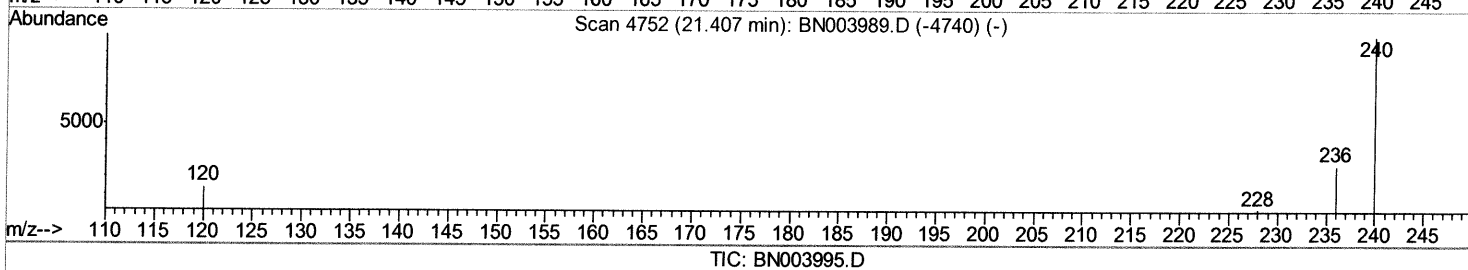
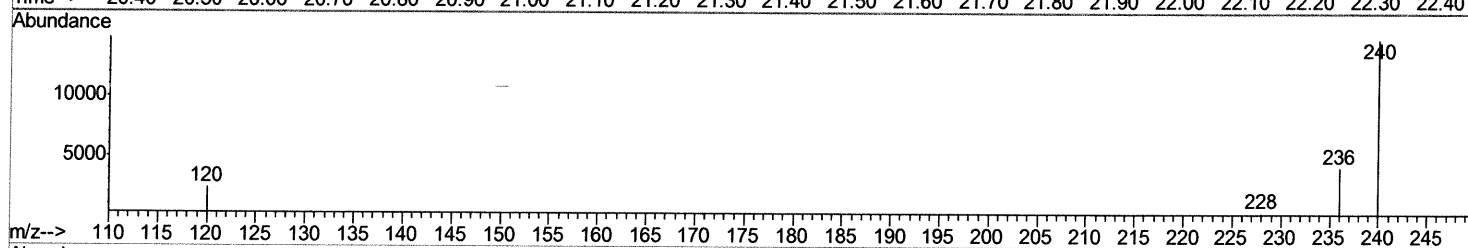
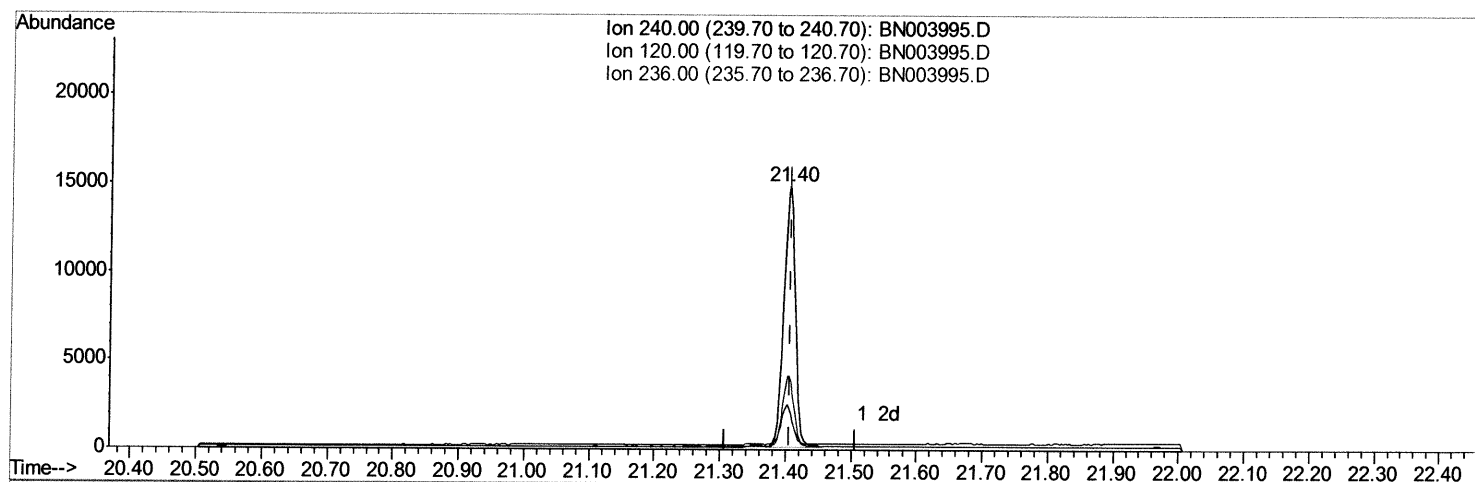
Data File : BN003995.D
Acq On : 16 Dec 2018 15:11
Operator : JU/SJ
Sample : J6229-18
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
F9F32

Manual Integrations
APPROVED

Sohil
12/17/2018 4:27:38 PM

Quant Time: Dec 17 04:49:42 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 : Mon Dec 17 04:06:53 2018
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.404min (-0.003) 0.40ng/ul m

response 17885

Ion	Exp%	Act%
240.00	100	100
120.00	14.00	16.07
236.00	27.60	28.19
0.00	0.00	0.00

> 55
12/17/18

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

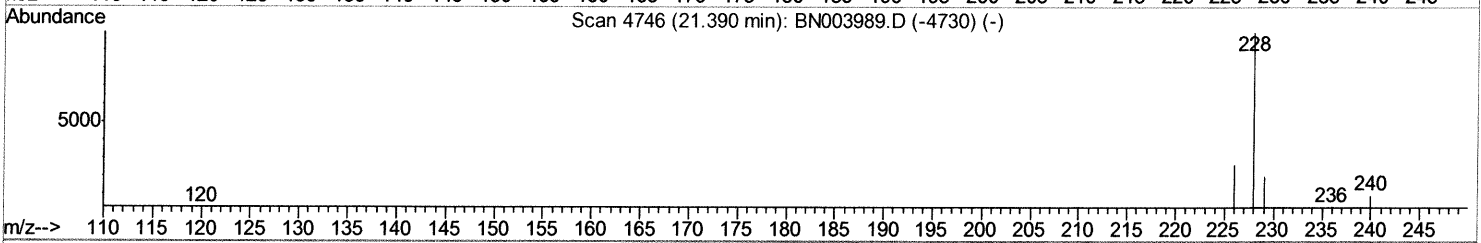
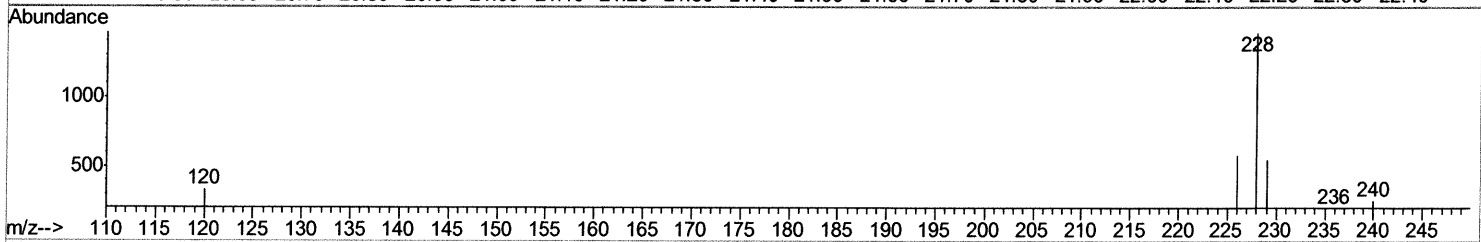
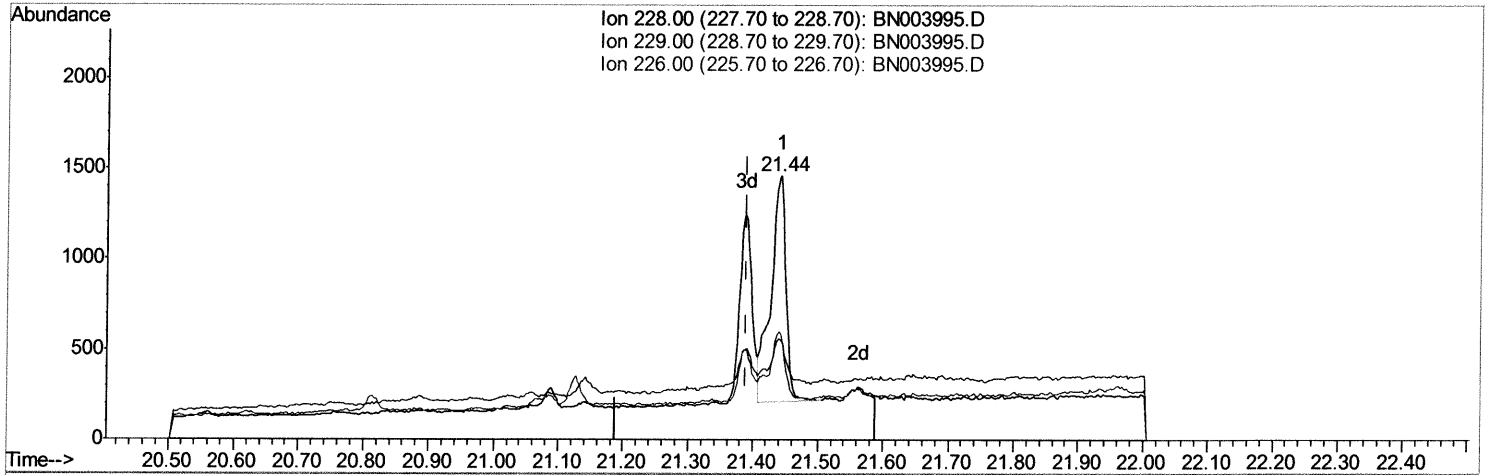
Data File : BN003995.D
Acq On : 16 Dec 2018 15:11
Operator : JU/SJ
Sample : J6229-18
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F32

Manual Integrations
APPROVED

Sohil
12/17/2018 4:27:38 PM

Quant Time: Dec 17 04:51:08 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 04:06:53 2018
Response via : Initial Calibration



TIC: BN003995.D

(18) Benzo(a)anthracene

21.442min (+0.052) 0.04ng/ul

response 2024

Ion	Exp%	Act%
228.00	100	100
229.00	19.50	37.71#
226.00	26.40	39.90#
0.00	0.00	0.00

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

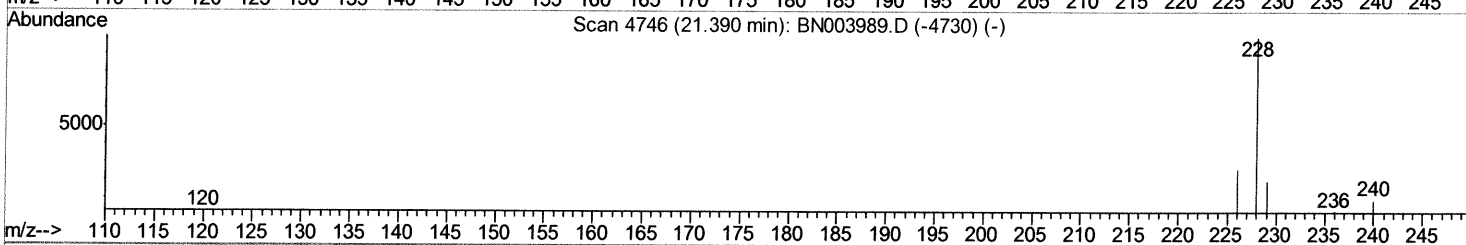
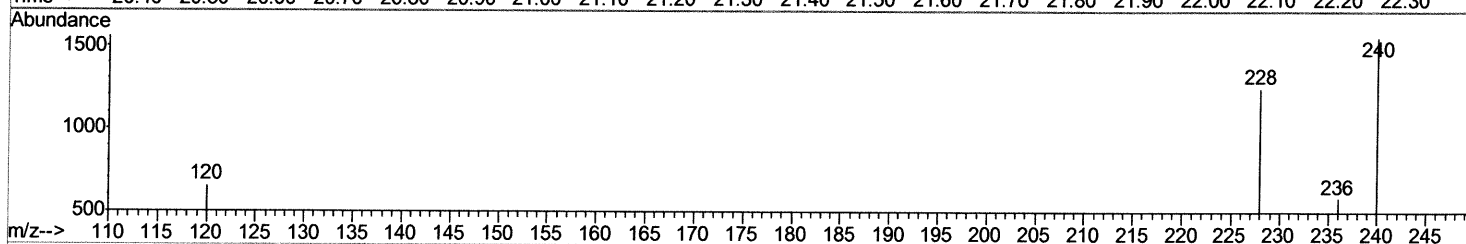
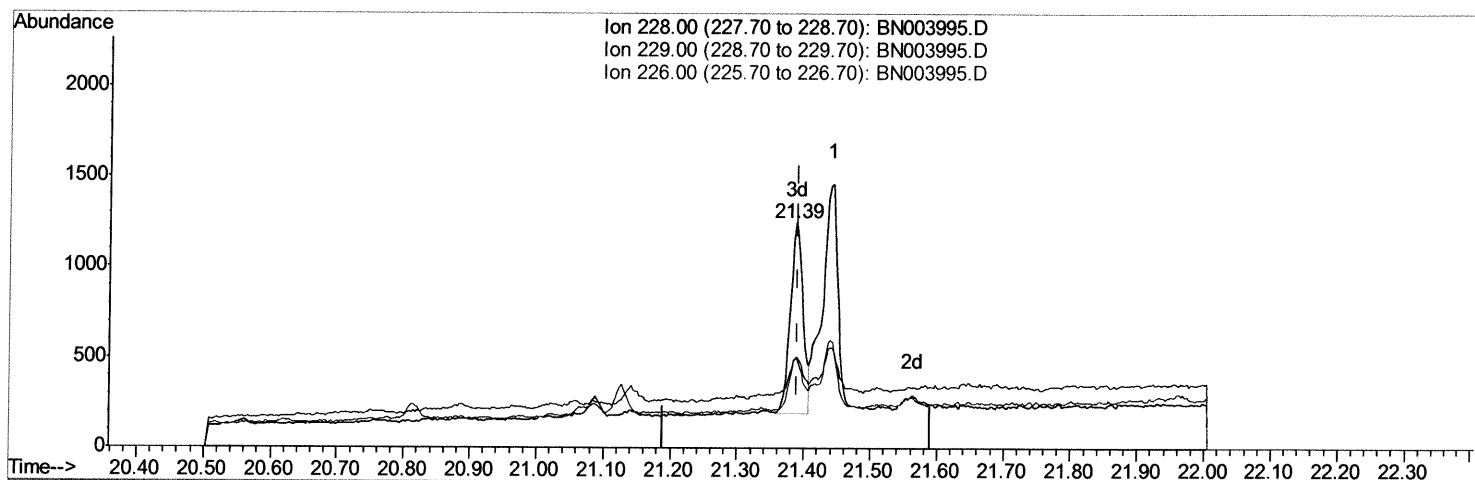
Data File : BN003995.D
Acq On : 16 Dec 2018 15:11
Operator : JU/SJ
Sample : J6229-18
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F32

Manual Integrations
APPROVED

Sohil
12/17/2018 4:27:38 PM

Quant Time: Dec 17 04:51:08 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 04:06:53 2018
Response via : Initial Calibration



TIC: BN003995.D

(18) Benzo(a)anthracene

21.387min (-0.003) 0.02ng/ul m

response 1404

Ion Exp% Act%

228.00 100 100

229.00 19.50 40.10#

226.00 26.40 40.02#

0.00 0.00 0.00

> 55
12/17/18

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

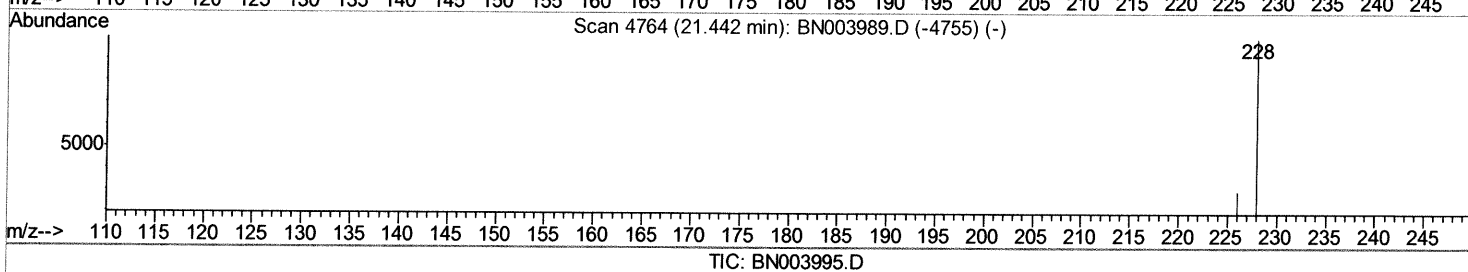
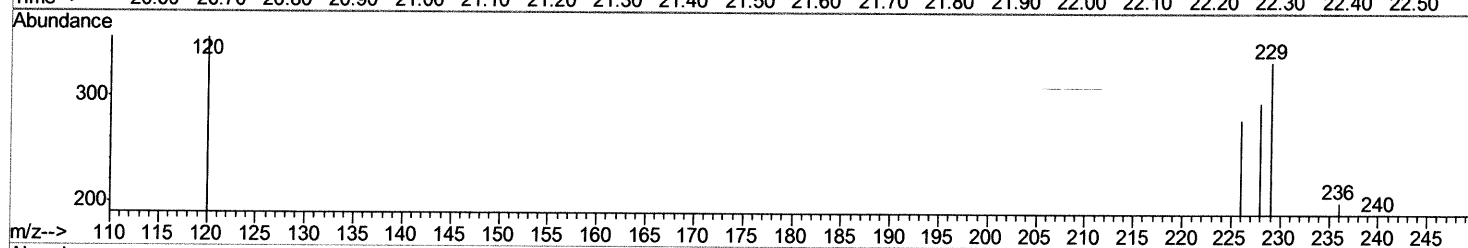
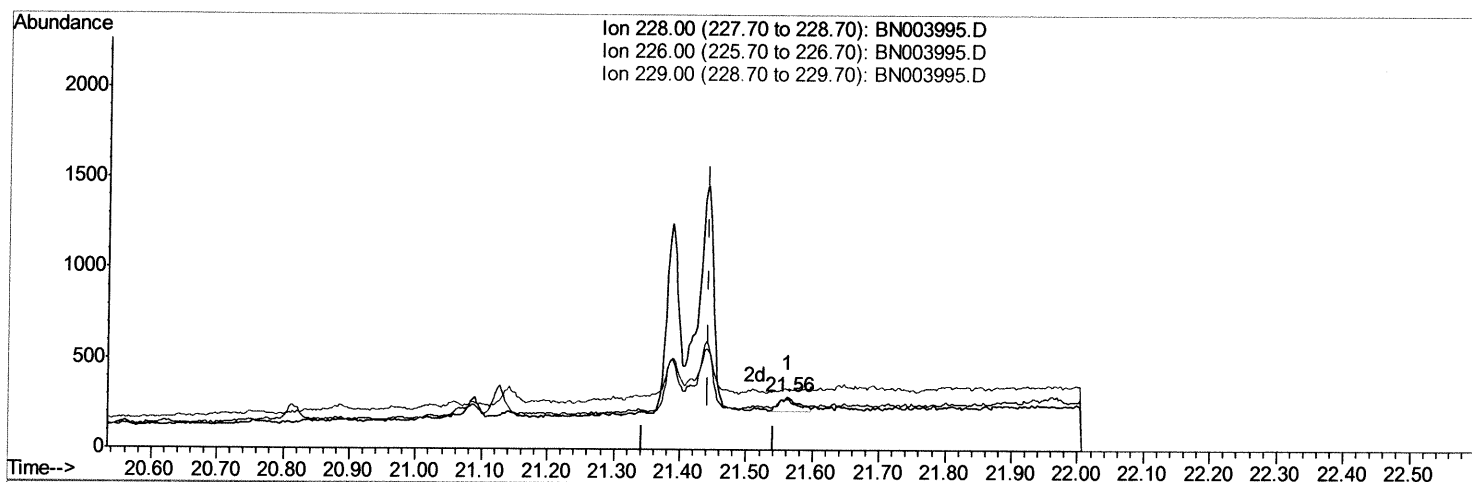
Data File : BN003995.D
Acq On : 16 Dec 2018 15:11
Operator : JU/SJ
Sample : J6229-18
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F32

Manual Integrations
APPROVED

Sohil
12/17/2018 4:27:38 PM

Quant Time: Dec 17 04:51:08 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 04:06:53 2018
Response via : Initial Calibration



(19) Chrysene

21.562min (+0.120) 0.00ng/ul

response 149

Ion	Exp%	Act%
228.00	100	100
226.00	30.00	94.58#
229.00	19.60	113.22#
0.00	0.00	0.00

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

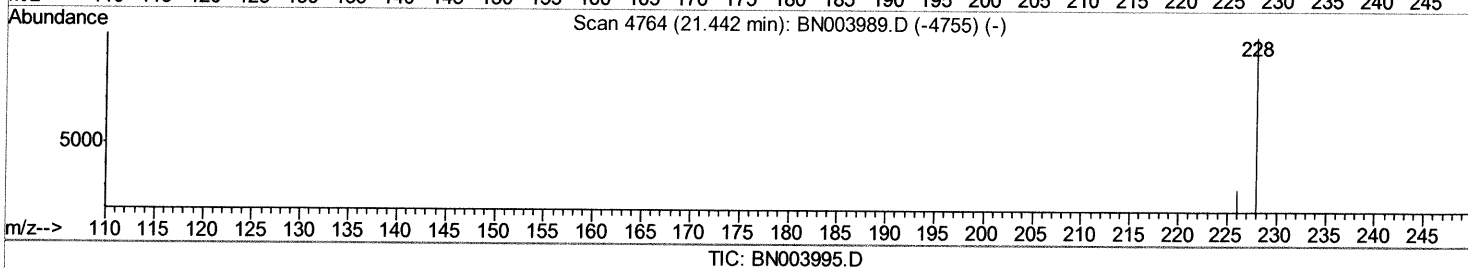
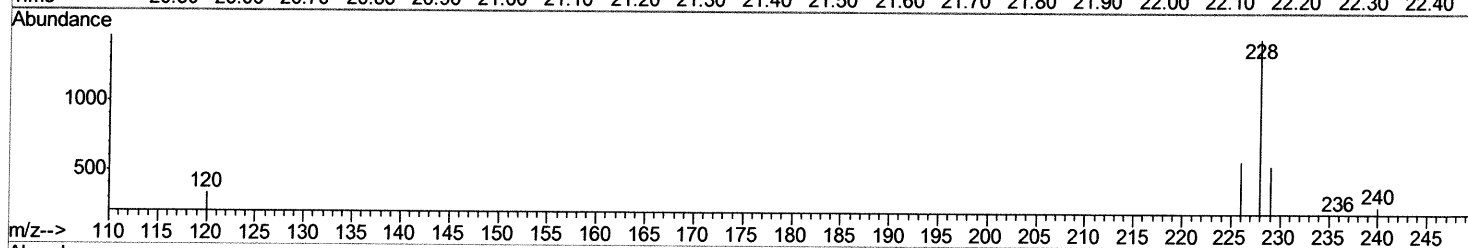
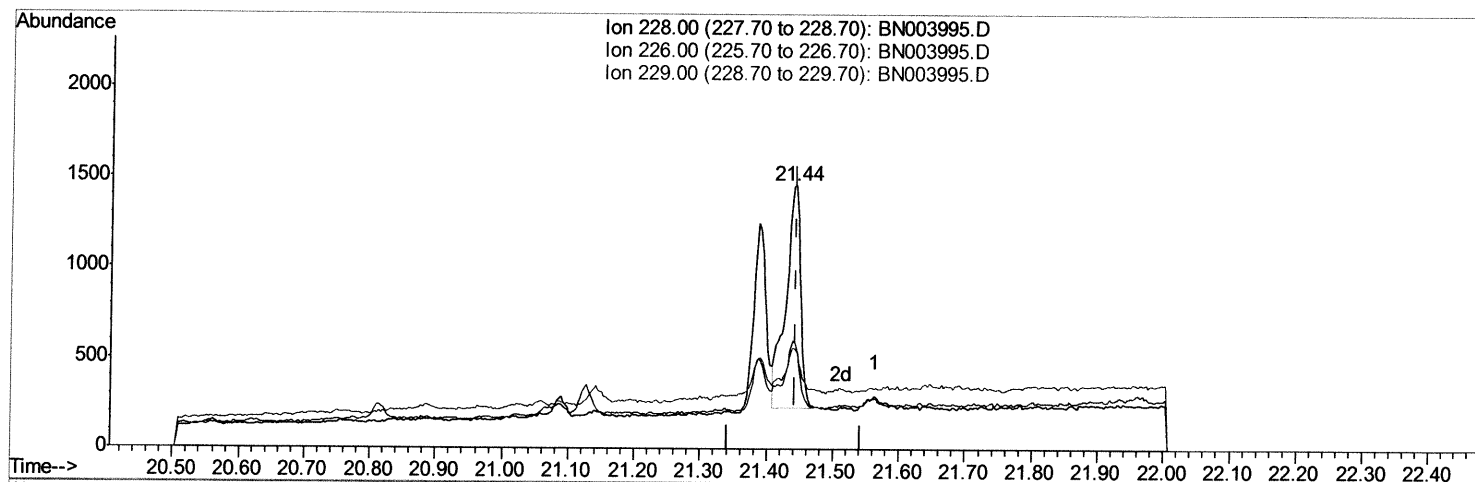
Data File : BN003995.D
Acq On : 16 Dec 2018 15:11
Operator : JU/SJ
Sample : J6229-18
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F32

Manual Integrations
APPROVED

Sohil
12/17/2018 4:27:38 PM

Quant Time: Dec 17 04:51:08 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 04:06:53 2018
Response via : Initial Calibration



(19) Chrysene

21.442min (-0.000) 0.03ng/ul m

response 1949

Ion	Exp%	Act%
228.00	100	100
226.00	30.00	39.90#
229.00	19.60	37.71#
0.00	0.00	0.00

> SJ
12/17/18

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

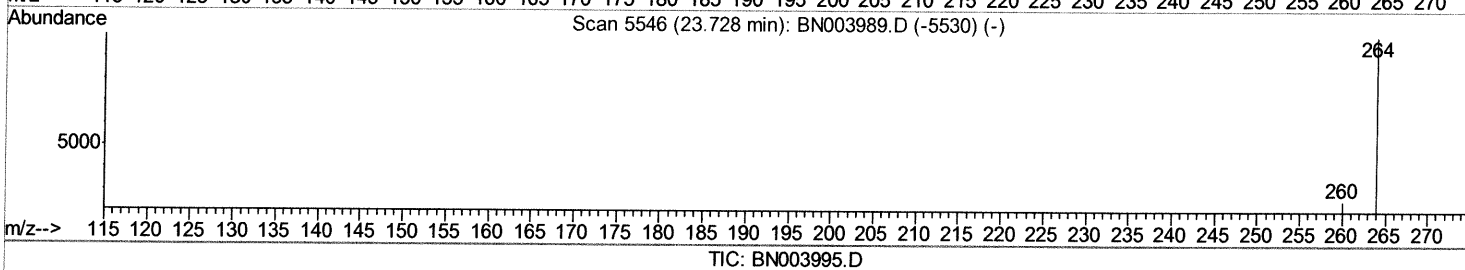
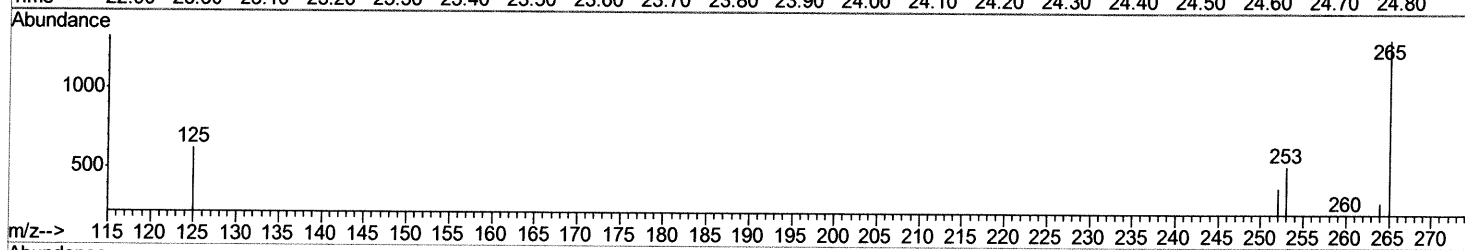
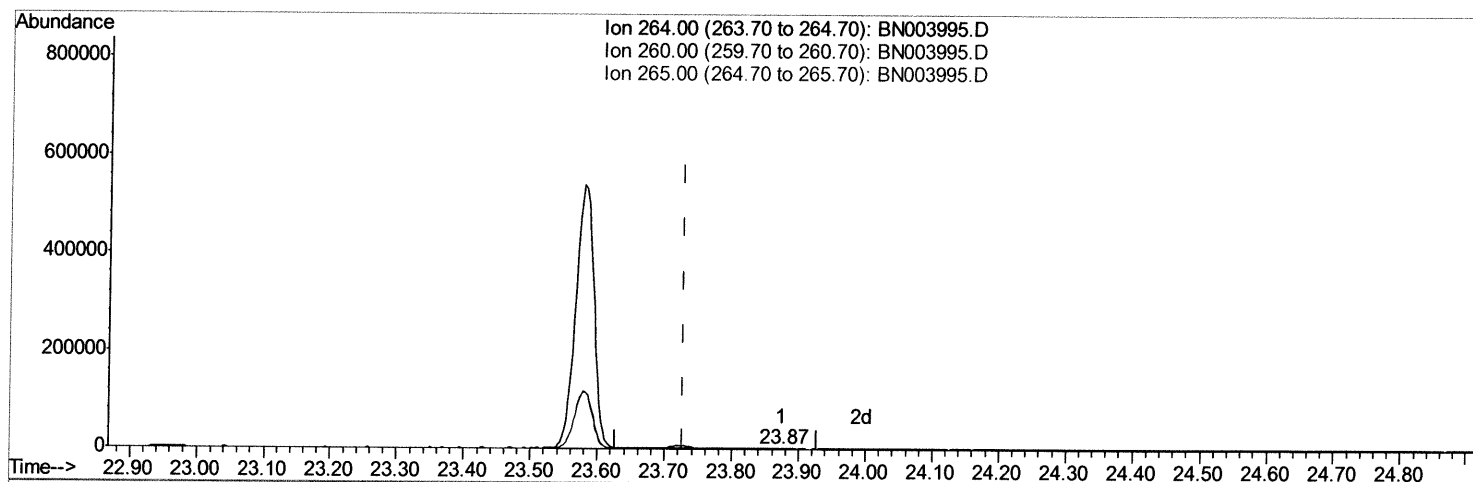
Data File : BN003995.D
Acq On : 16 Dec 2018 15:11
Operator : JU/SJ
Sample : J6229-18
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F32

Manual Integrations
APPROVED

Sohil
12/17/2018 4:27:38 PM

Quant Time: Dec 17 04:51:08 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 04:06:53 2018
Response via : Initial Calibration



(20) Perylene-d12 (I)

23.874min (+0.146) 0.40ng/ul

response 48

Ion	Exp%	Act%
264.00	100	100
260.00	26.20	75.42#
265.00	33.50	446.46#
0.00	0.00	0.00

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

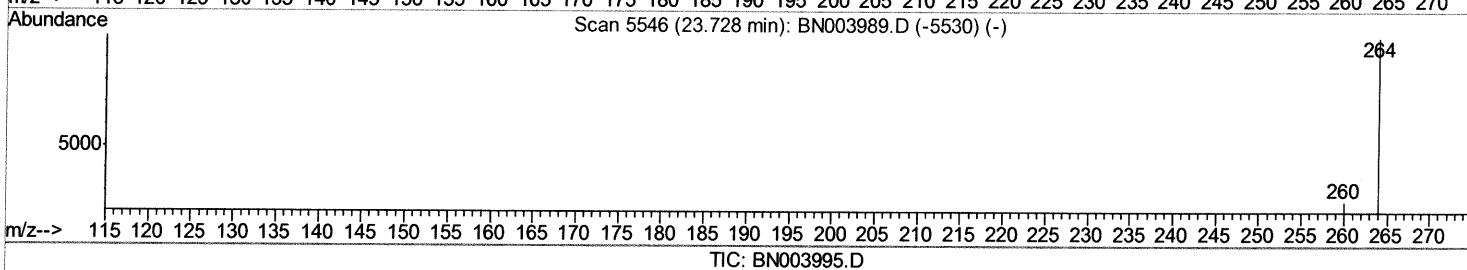
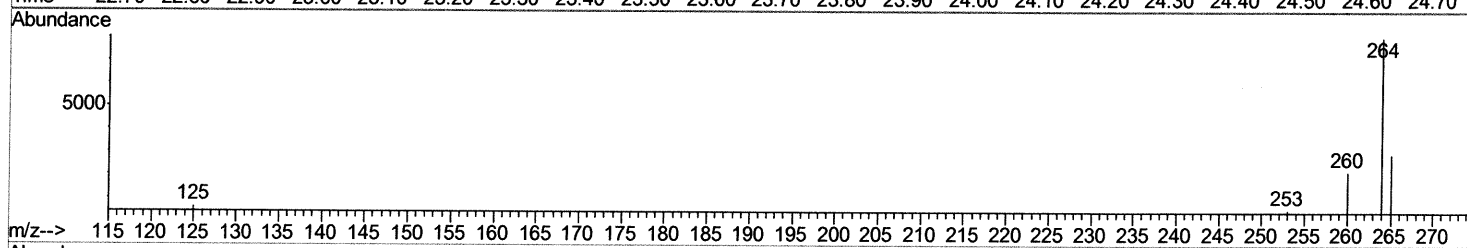
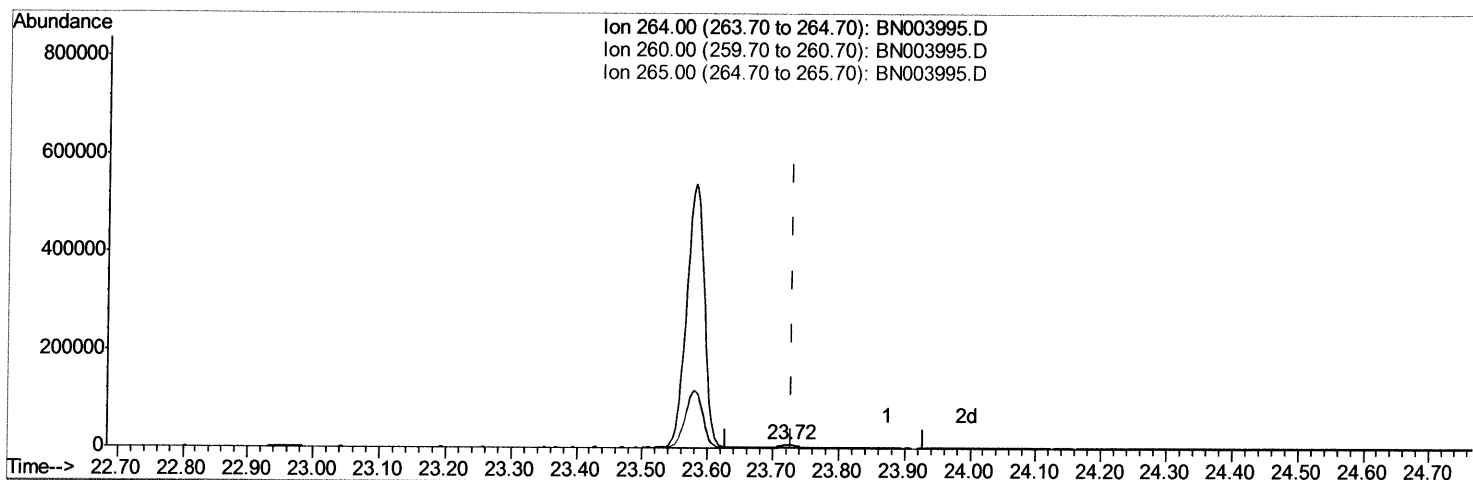
Data File : BN003995.D
Acq On : 16 Dec 2018 15:11
Operator : JU/SJ
Sample : J6229-18
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
F9F32

Manual Integrations
APPROVED

Sohil
12/17/2018 4:27:38 PM

Quant Time: Dec 17 04:51:08 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 04:06:53 2018
Response via : Initial Calibration



(20) Perylene-d12 (I)

23.725min (-0.003) 0.40ng/ul m

response 15058

Ion	Exp%	Act%
264.00	100	100
260.00	26.20	27.41
265.00	33.50	36.65
0.00	0.00	0.00

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12/17/18

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

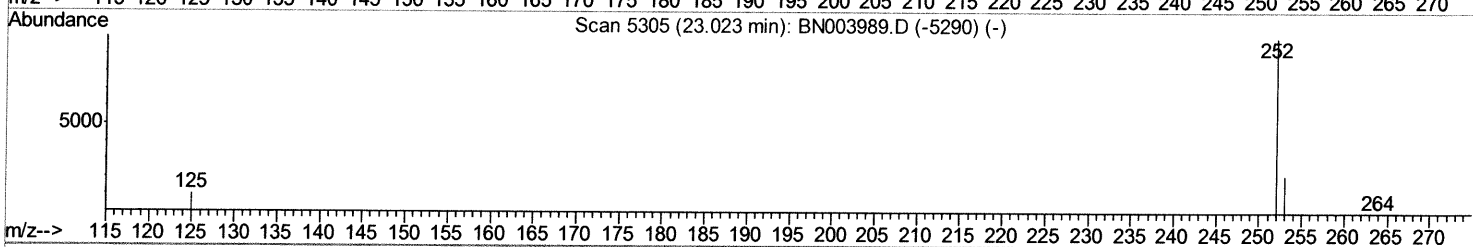
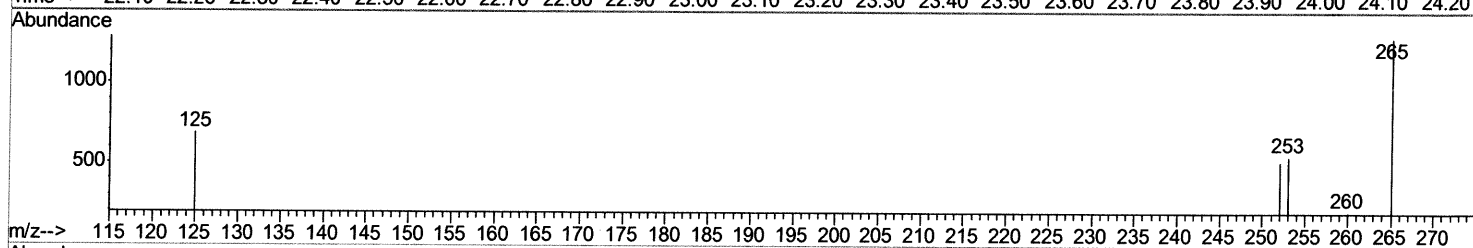
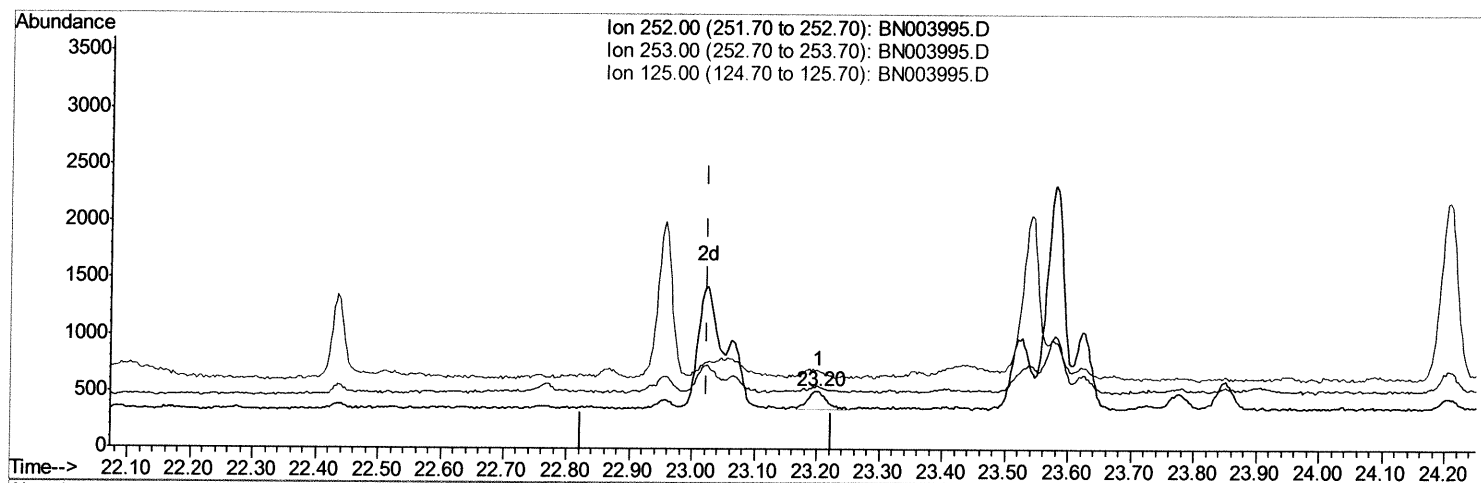
Data File : BN003995.D
Acq On : 16 Dec 2018 15:11
Operator : JU/SJ
Sample : J6229-18
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F32

Manual Integrations
APPROVED

Sohil
12/17/2018 4:27:38 PM

Quant Time: Dec 17 04:52:16 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 : Mon Dec 17 04:06:53 2018
Response via : Initial Calibration



TIC: BN003995.D

(21) Benzo(b)fluoranthene

23.202min (+0.178) 0.01ng/ul

response 340

Ion	Exp%	Act%
252.00	100	100
253.00	23.00	107.03#
125.00	11.20	133.79#
0.00	0.00	0.00

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

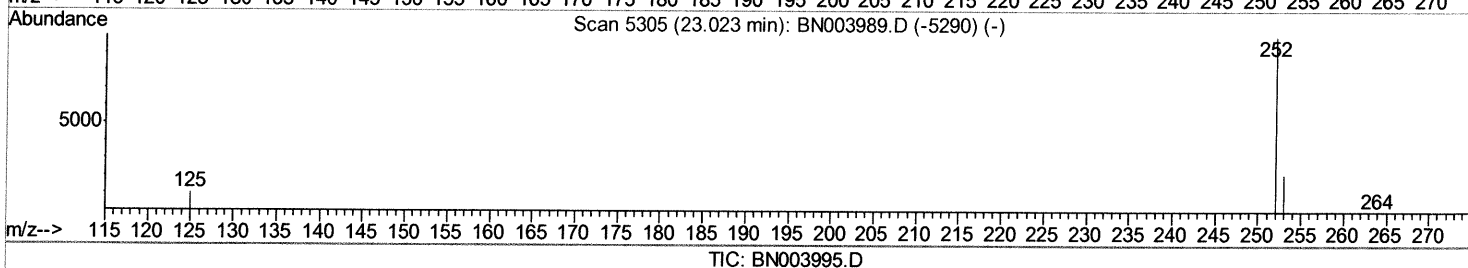
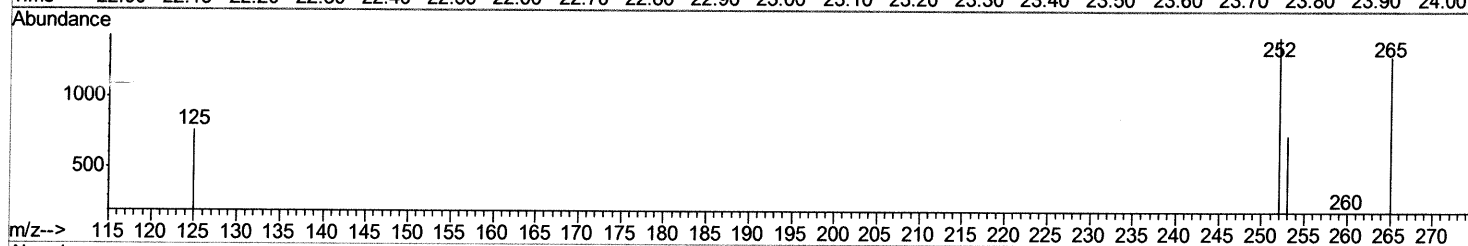
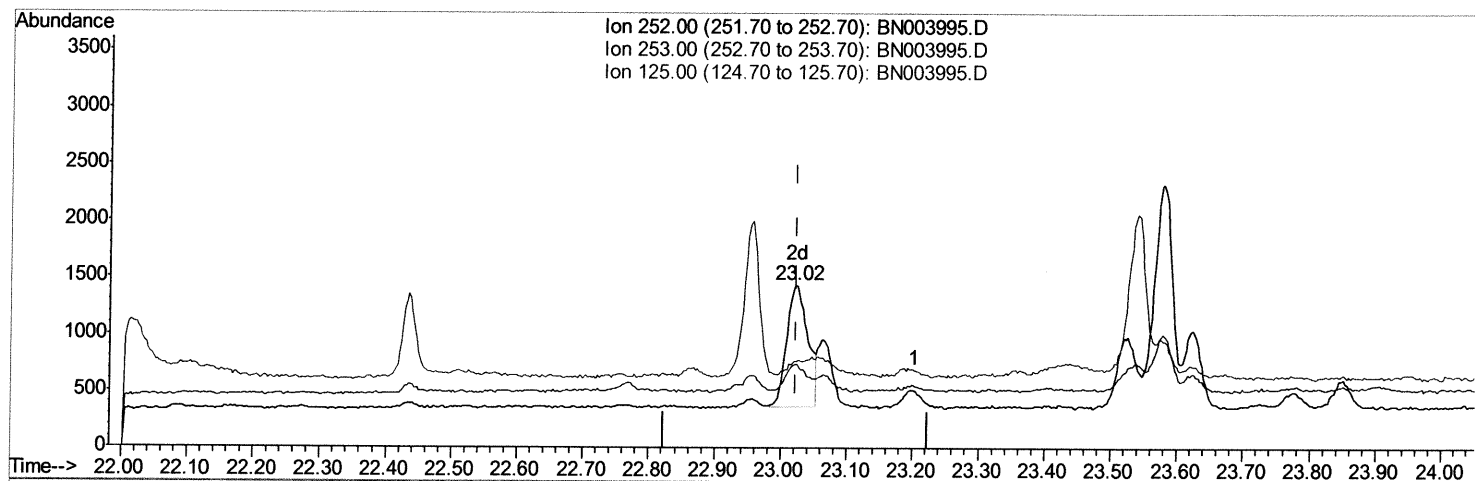
Data File : BN003995.D
Acq On : 16 Dec 2018 15:11
Operator : JU/SJ
Sample : J6229-18
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F32

Manual Integrations
APPROVED

Sohil
12/17/2018 4:27:38 PM

Quant Time: Dec 17 04:52:16 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 : Mon Dec 17 04:06:53 2018
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

23.023min (-0.000) 0.04ng/ul m

response 2400

Ion Exp% Act%

252.00 100 100

253.00 23.00 51.54#

125.00 11.20 53.15#

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 : BN003995.D
 Acq On : 16 Dec 2018 15:11
 Operator : JU/SJ
 Sample : J6229-18
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F32

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:27:38 PM

Quant Time: Dec 17 04:53:43 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 04:06:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	2290	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	10924	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	6546	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	15975m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	17885m	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	15058m	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev (Min)
4) 2-Methylnaphthalene-d10	12.22	152	4949	0.29	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	15186m	0.32	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) Phenanthrene	17.26	178	1577m	0.030	ng/ul	
15) Fluoranthene	19.28	202	2412m	0.039	ng/ul	
17) Pyrene	19.64	202	2111	0.033	ng/ul#	85
18) Benzo(a)anthracene	21.39	228	1404m	0.025	ng/ul	
19) Chrysene	21.44	228	1949m	0.030	ng/ul	
21) Benzo(b)fluoranthene	23.02	252	2400m	0.039	ng/ul	

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

SJ
 12/17/18