

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

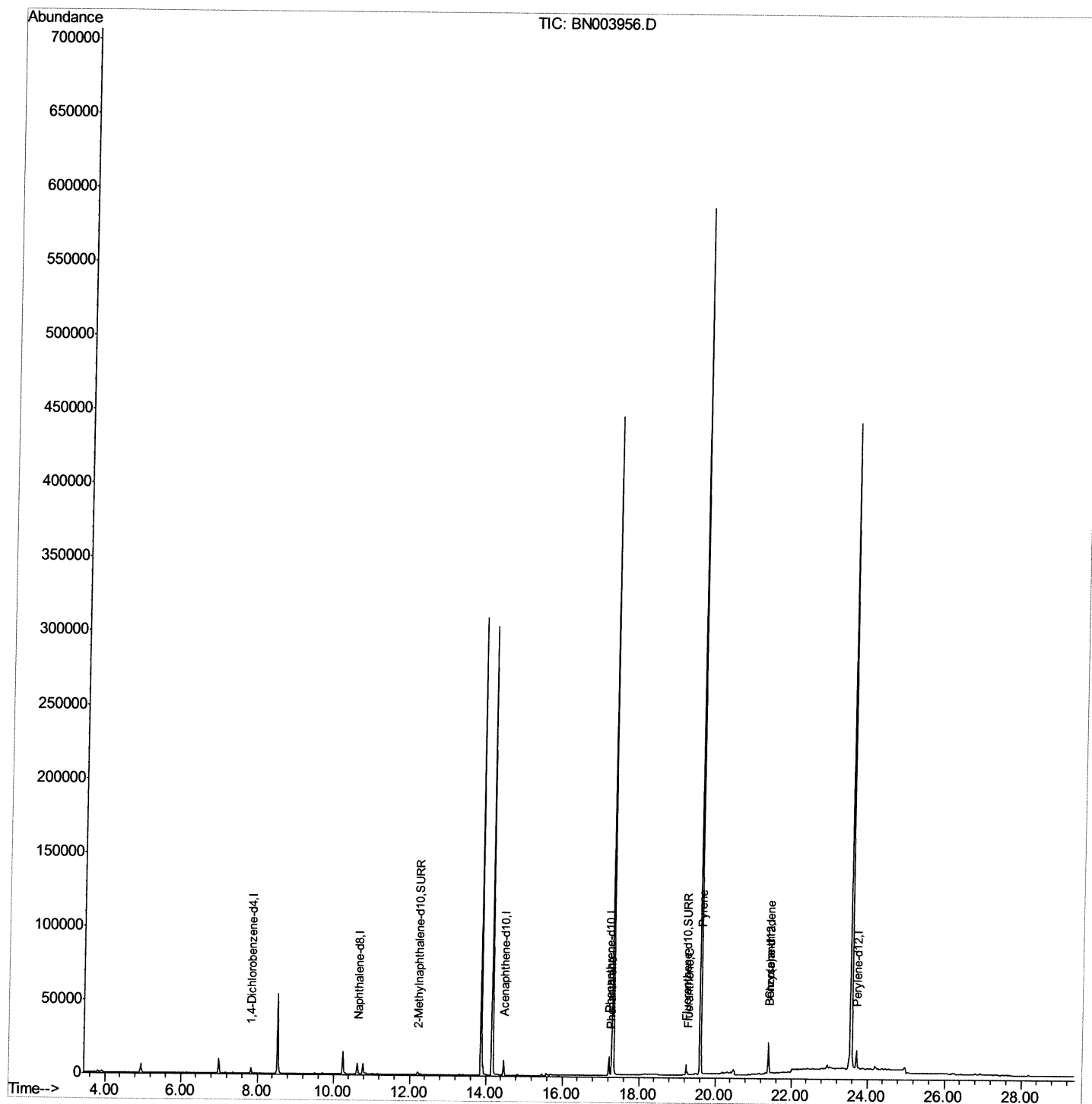
Data File : BN003956.D
Acq On : 15 Dec 2018 13:20
Operator : JU/SJ
Sample : J6227-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E67

Manual Integrations
APPROVED

Sohil
12/17/2018 4:23:50 PM

Quant Time: Dec 15 22:37:14 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)

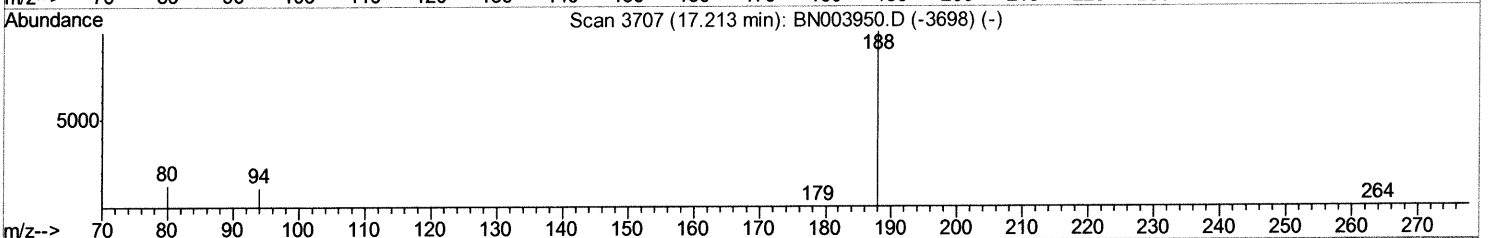
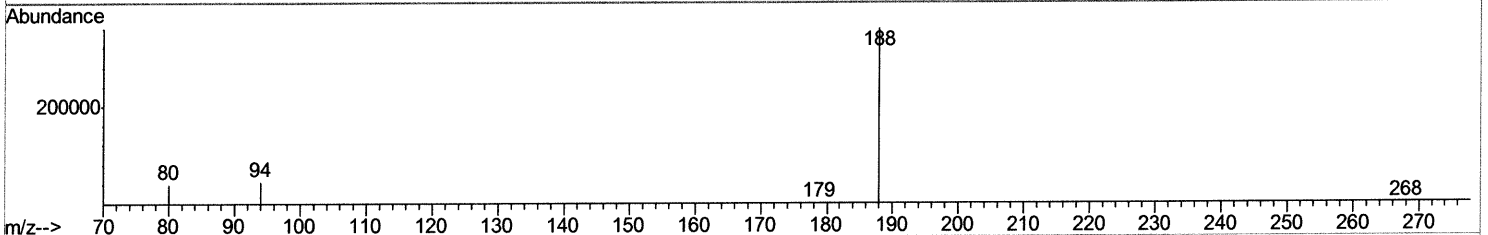
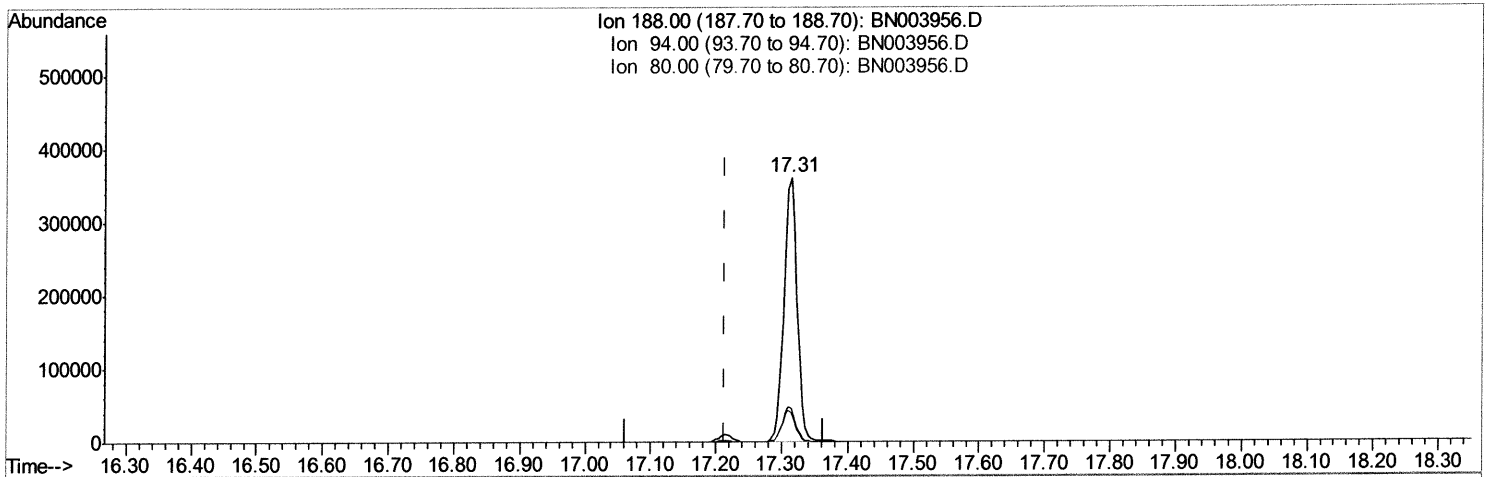
Data File : BN003956.D
Acq On : 15 Dec 2018 13:20
Operator : JU/SJ
Sample : J6227-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E67

Manual Integrations
APPROVED

Sohil
12/17/2018 4:23:50 PM

Quant Time: Dec 15 22:01:53 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: BN003956.D

(10) Phenanthrene-d10 (I)
17.314min (+0.101) 0.40ng/ul
response 490269

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	12.57#
80.00	11.60	11.14
0.00	0.00	0.00

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

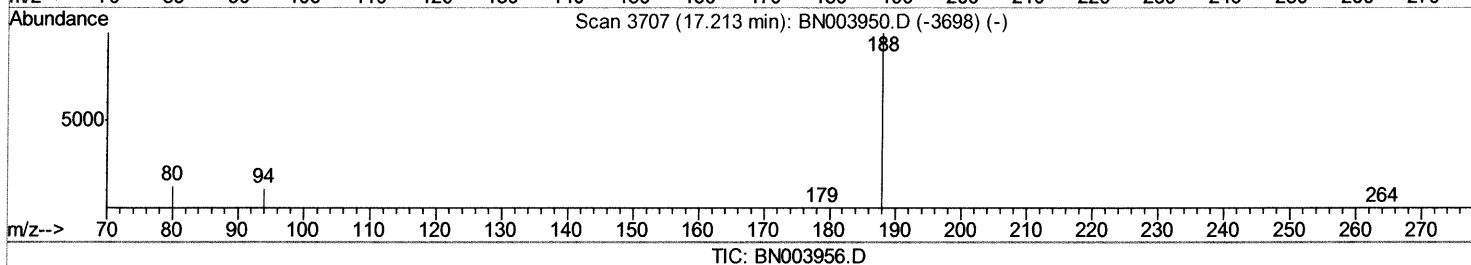
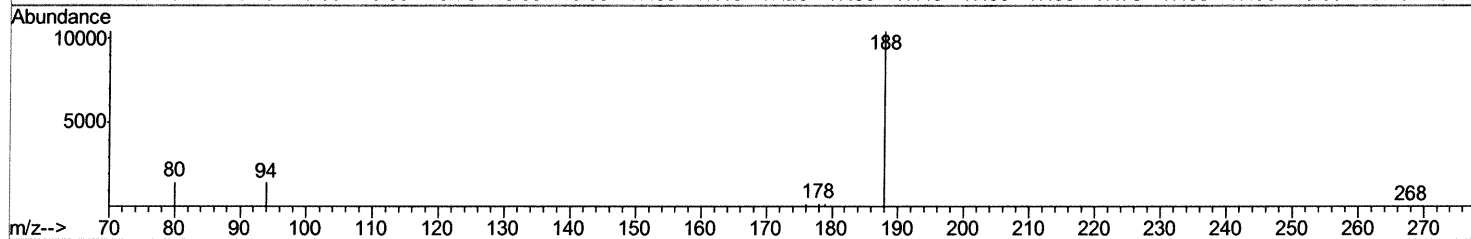
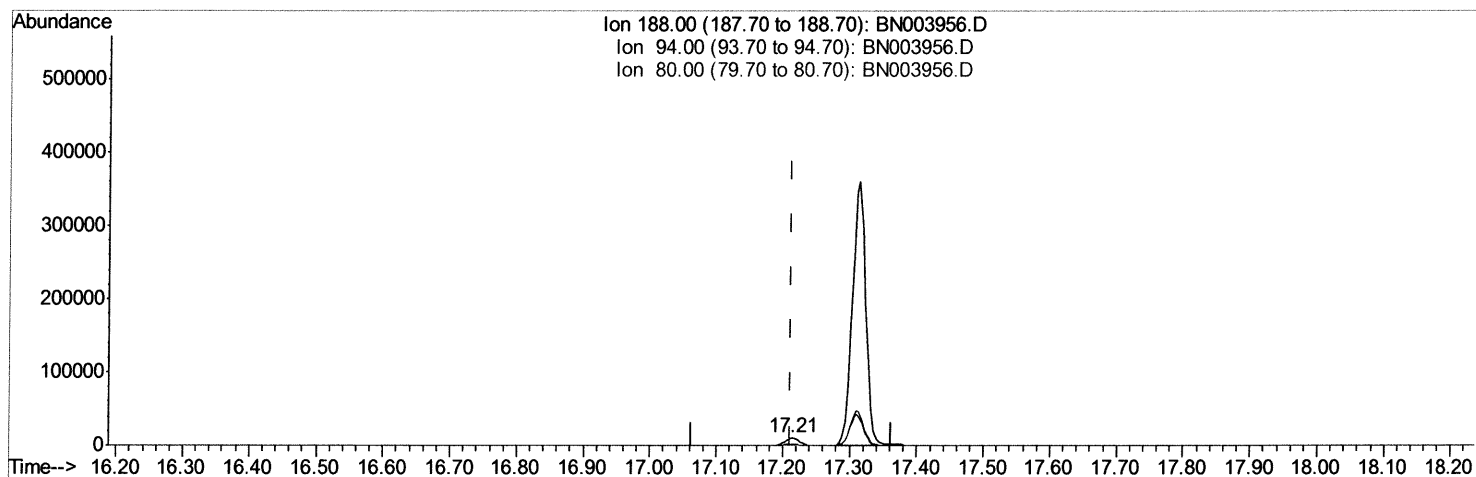
Data File : BN003956.D
Acq On : 15 Dec 2018 13:20
Operator : JU/SJ
Sample : J6227-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E67

Manual Integrations
APPROVED

Sohil
12/17/2018 4:23:50 PM

Quant Time: Dec 15 22:01:53 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



(10) Phenanthrene-d10 (I)

17.213min (-0.000) 0.40ng/ul m > 93 12/17/18

response 14527

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	14.10#
80.00	11.60	14.44#
0.00	0.00	0.00

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

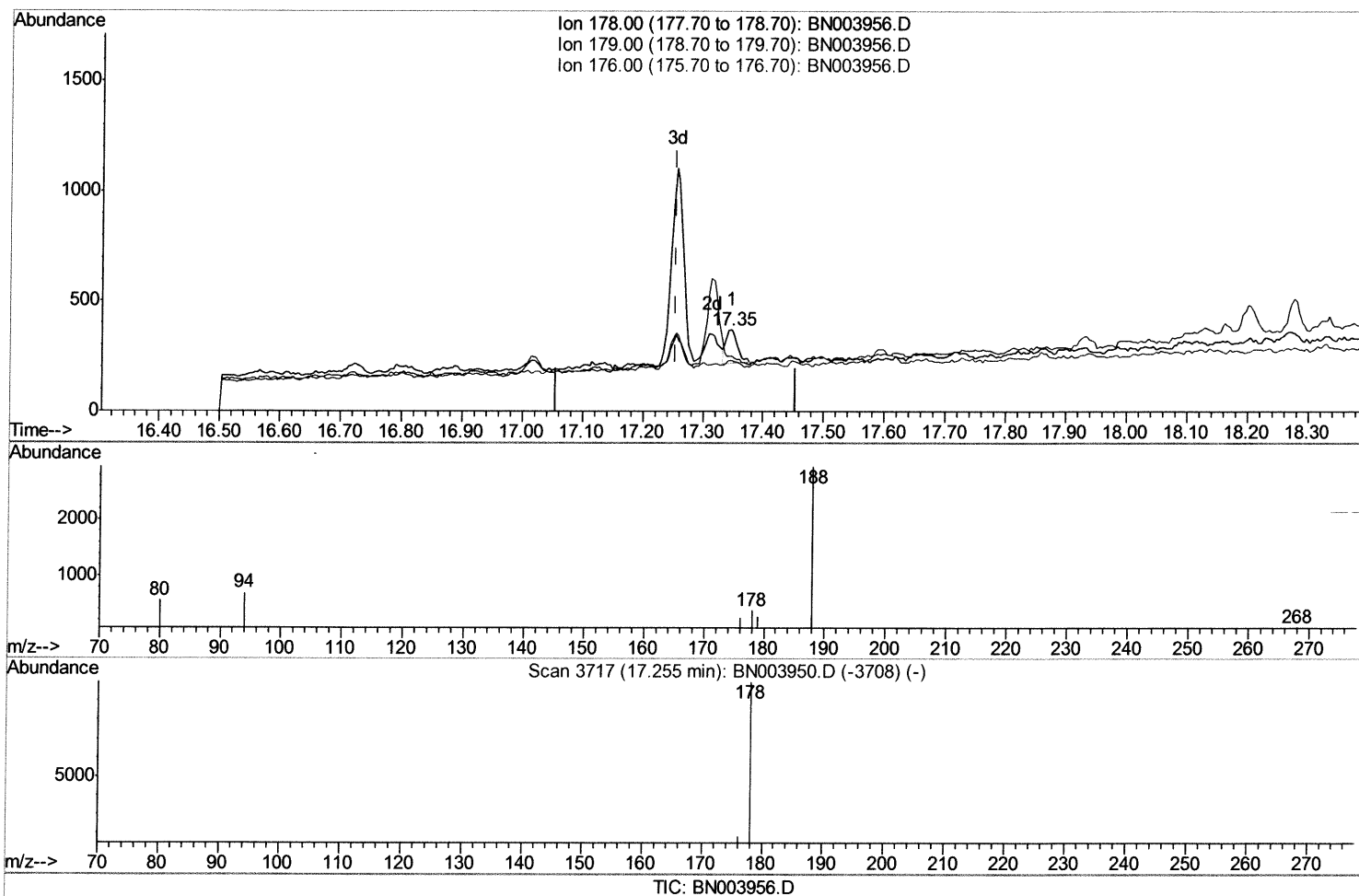
Data File : BN003956.D
Acq On : 15 Dec 2018 13:20
Operator : JU/SJ
Sample : J6227-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E67

Manual Integrations
APPROVED

Sohil
12/17/2018 4:23:50 PM

Quant Time: Dec 15 22:34:15 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



(12) Phenanthrene

17.348min (+0.093) 0.00ng/ul

response 209

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	68.38#
176.00	18.70	62.70#
0.00	0.00	0.00

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

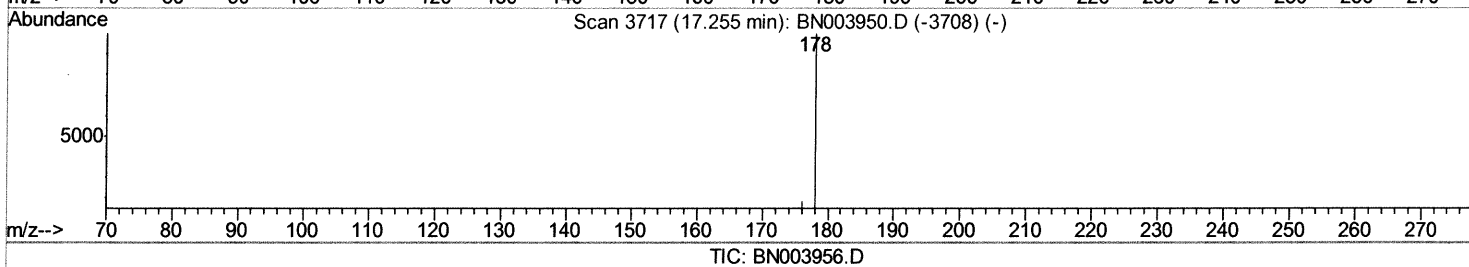
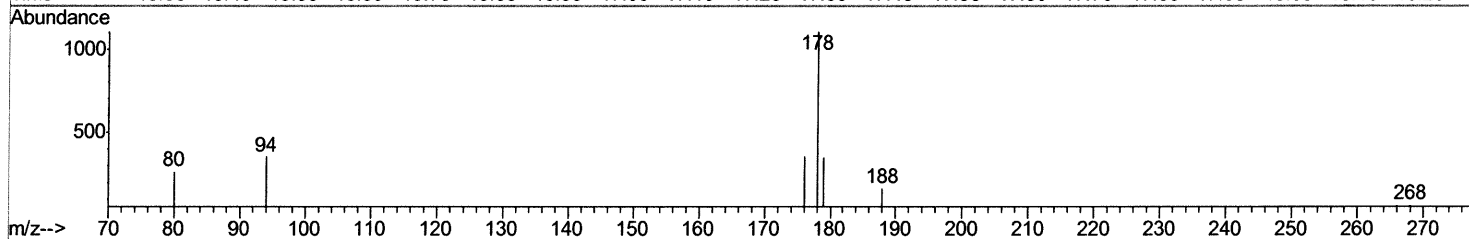
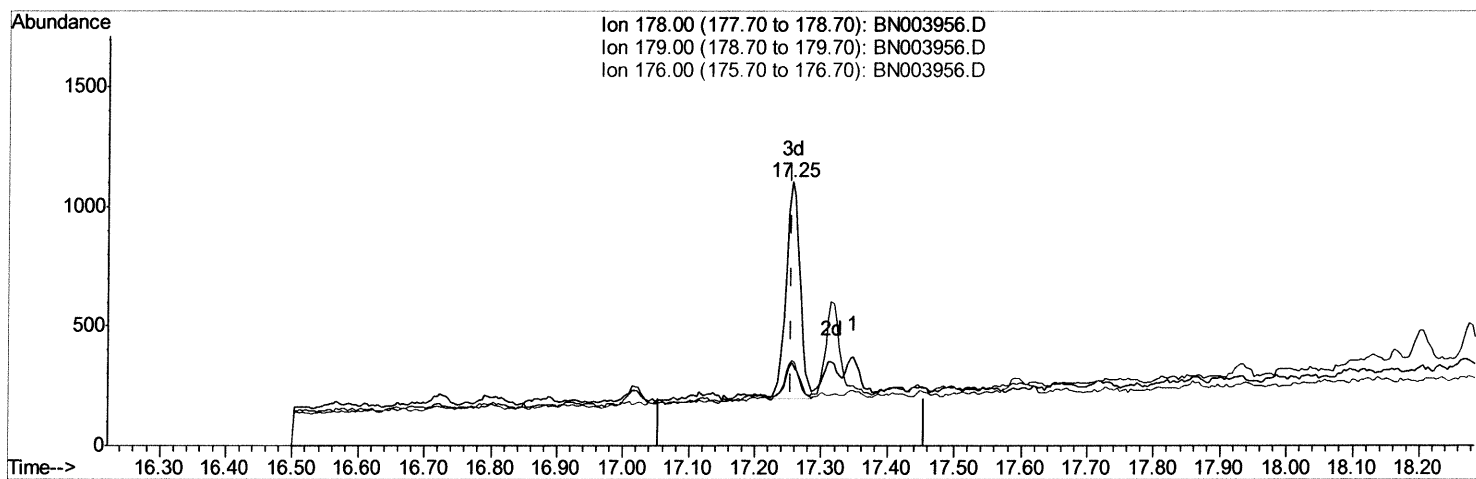
Data File : BN003956.D
Acq On : 15 Dec 2018 13:20
Operator : JU/SJ
Sample : J6227-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E67

Manual Integrations
APPROVED

Sohil
12/17/2018 4:23:50 PM

Quant Time: Dec 15 22:34:15 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



(12) Phenanthrene

17.255min (-0.000) 0.03ng/ul m

50 12/17/18

response 1322

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	31.58#
176.00	18.70	32.31#
0.00	0.00	0.00

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

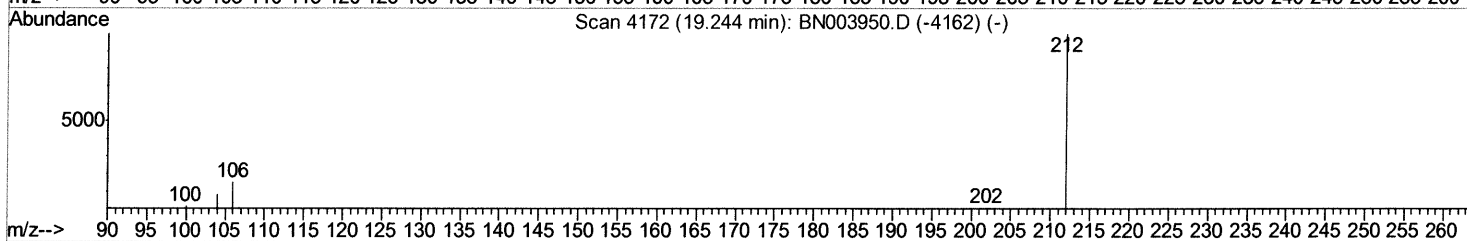
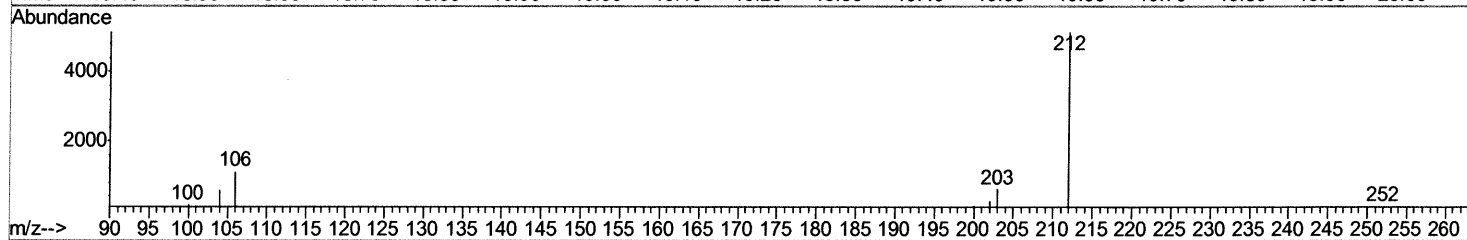
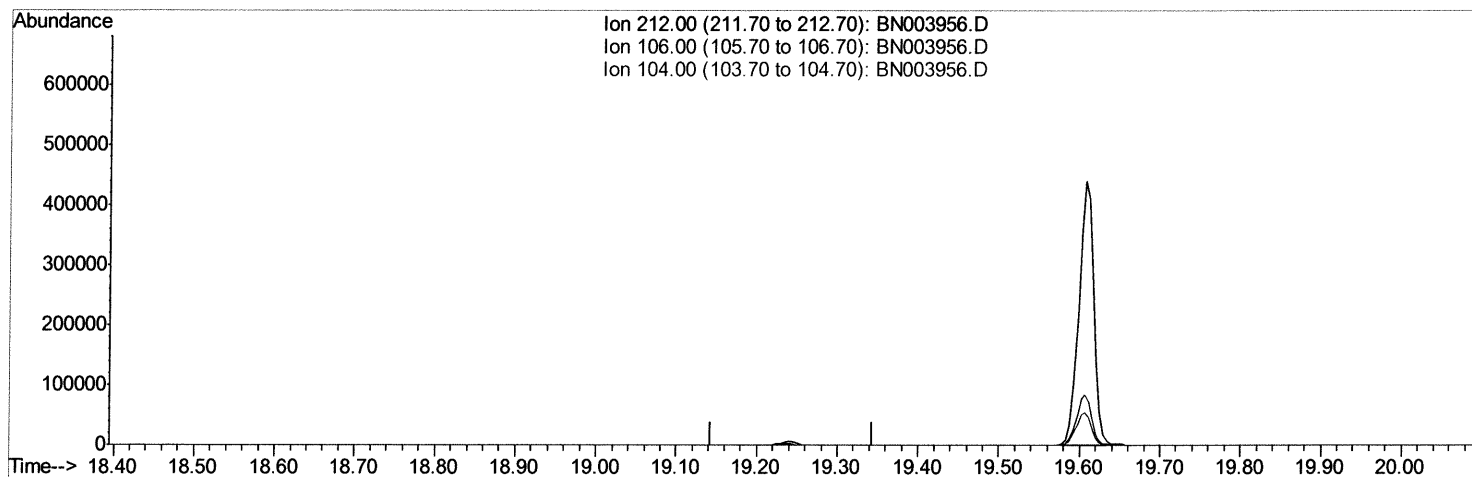
Data File : BN003956.D
Acq On : 15 Dec 2018 13:20
Operator : JU/SJ
Sample : J6227-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E67

Manual Integrations
APPROVED

Sohil
12/17/2018 4:23:50 PM

Quant Time: Dec 15 22:34:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
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TIC: BN003956.D

(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\BN121518\
Quantitation Report (Qedit)

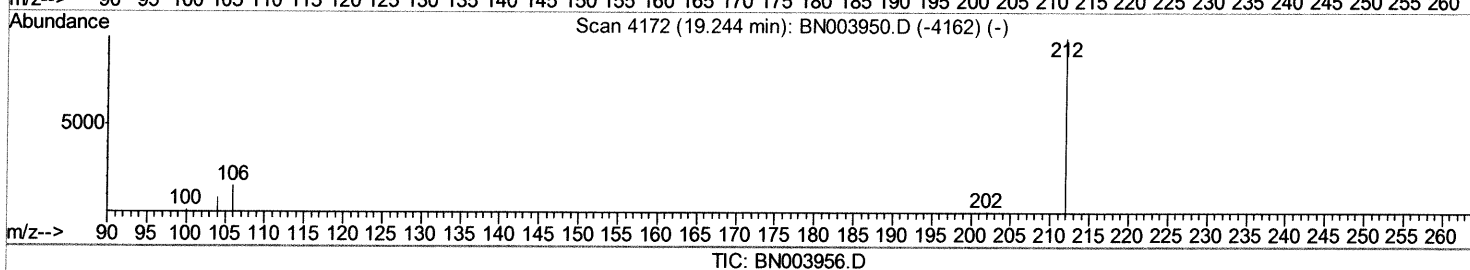
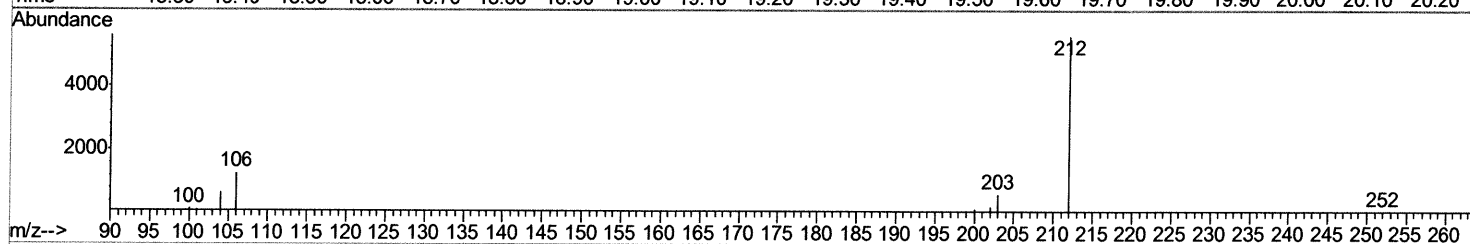
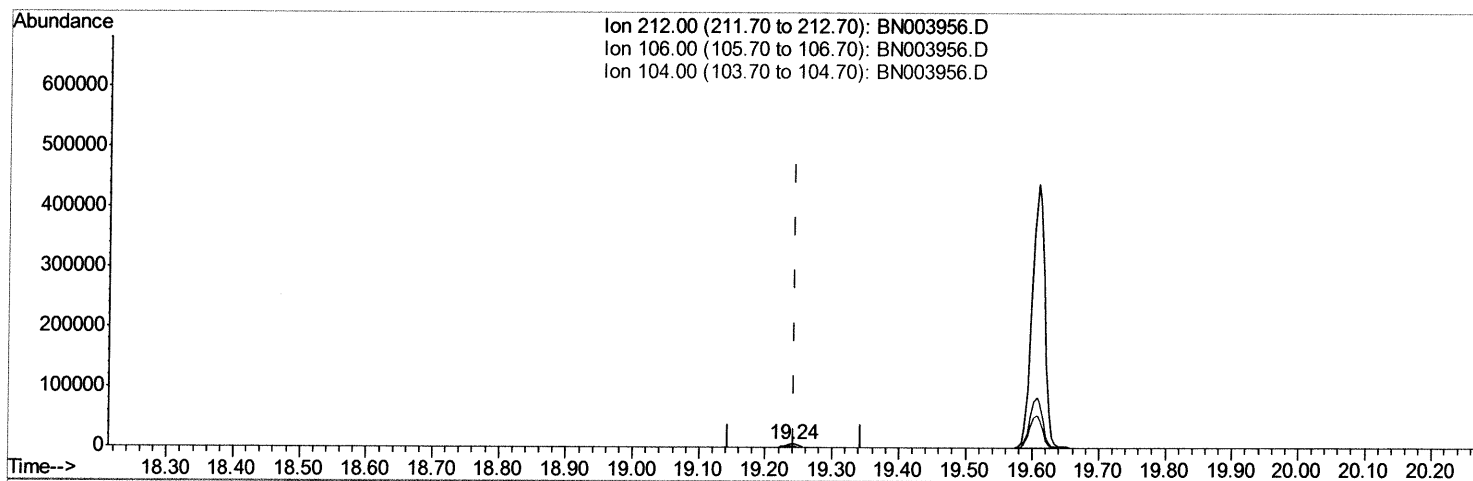
Data File : BN003956.D
Acq On : 15 Dec 2018 13:20
Operator : JU/SJ
Sample : J6227-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E67

Manual Integrations
APPROVED

Sohil
12/17/2018 4:23:50 PM

Quant Time: Dec 15 22:34:15 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) 0.18ng/ul m

response 7557

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

SD 12/17/18

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

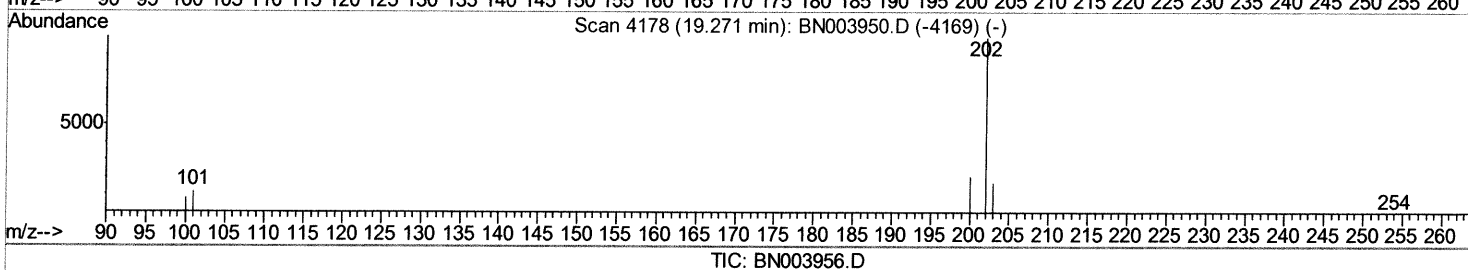
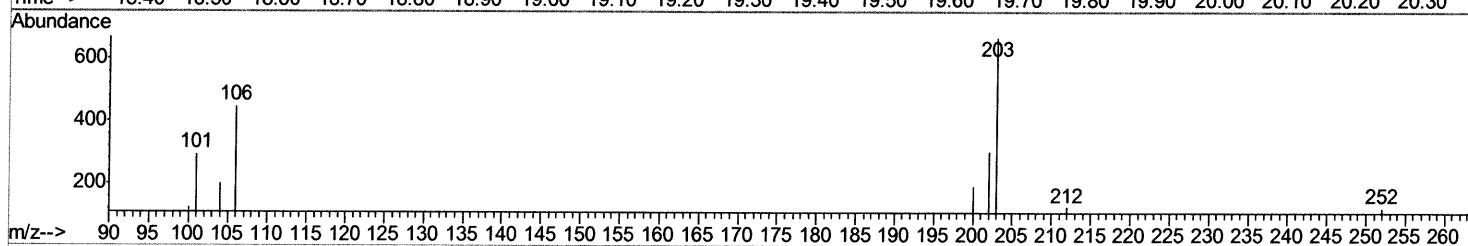
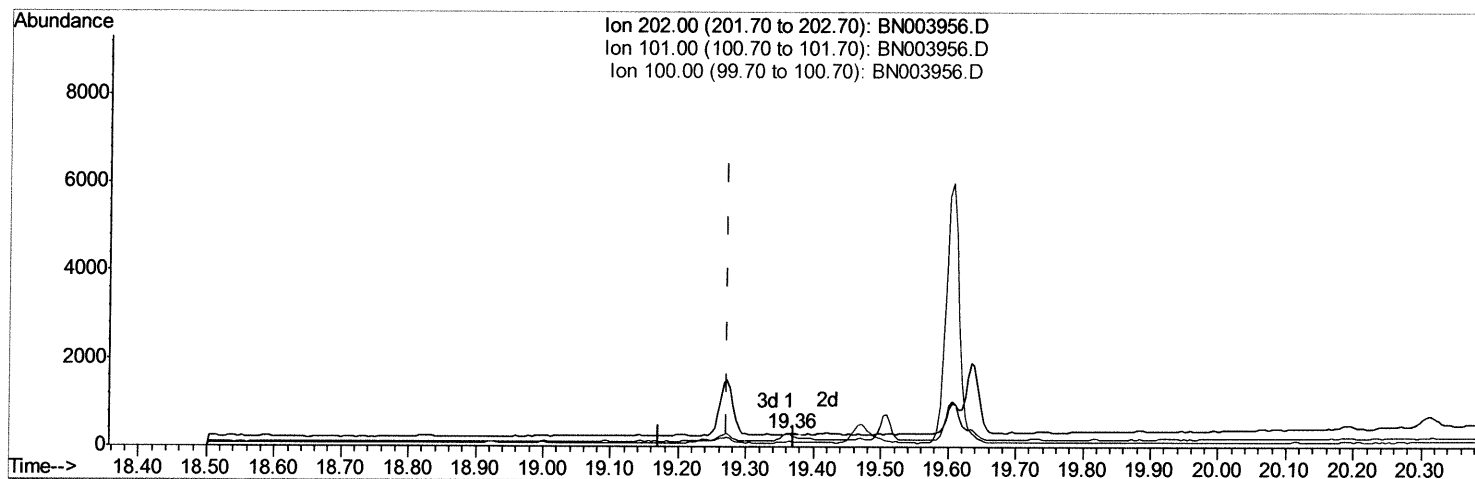
Data File : BN003956.D
Acq On : 15 Dec 2018 13:20
Operator : JU/SJ
Sample : J6227-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E67

Manual Integrations
APPROVED

Sohil
12/17/2018 4:23:50 PM

Quant Time: Dec 15 22:34:15 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 33

Ion	Exp%	Act%
202.00	100	100
101.00	10.70	95.75#
100.00	8.10	40.52#
0.00	0.00	0.00

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

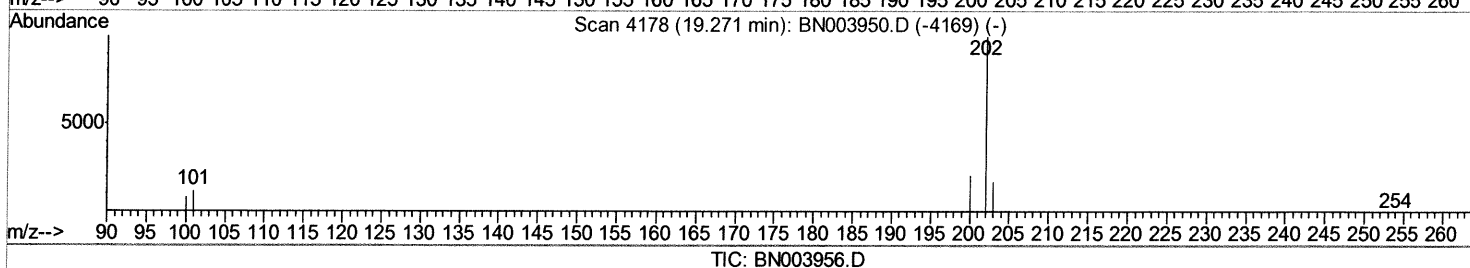
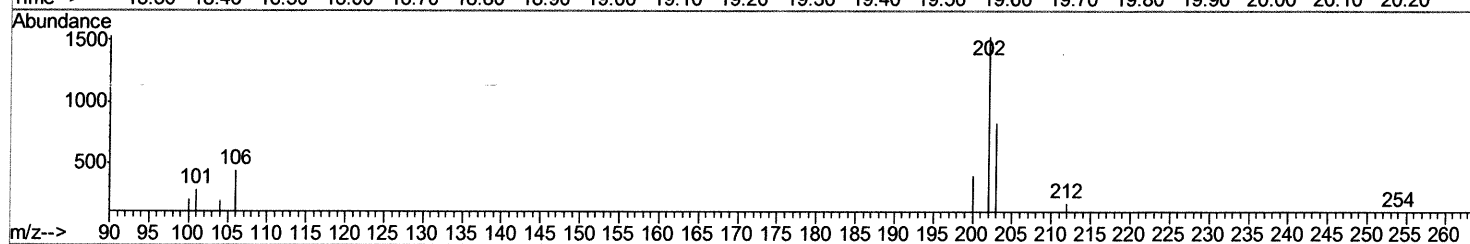
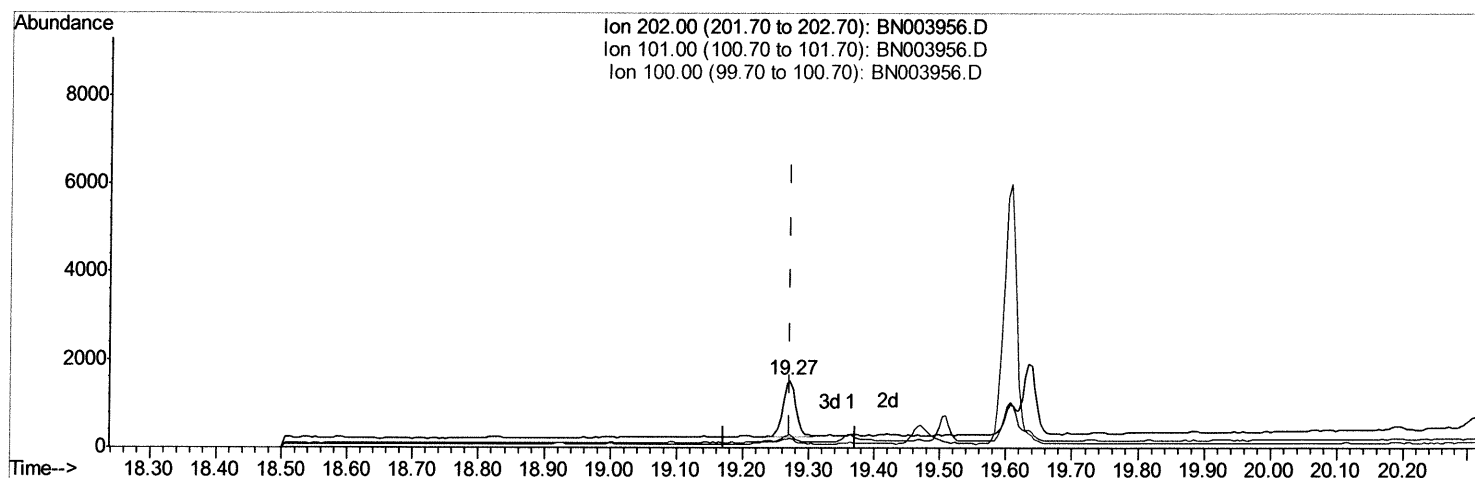
Data File : BN003956.D
Acq On : 15 Dec 2018 13:20
Operator : JU/SJ
Sample : J6227-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E67

Manual Integrations
APPROVED

Sohil
12/17/2018 4:23:50 PM

Quant Time: Dec 15 22:34:15 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) 0.03ng/ul m

SJ 12/17/18

response 1797

Ion	Exp%	Act%
202.00	100	100
101.00	10.70	18.86
100.00	8.10	13.71
0.00	0.00	0.00

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

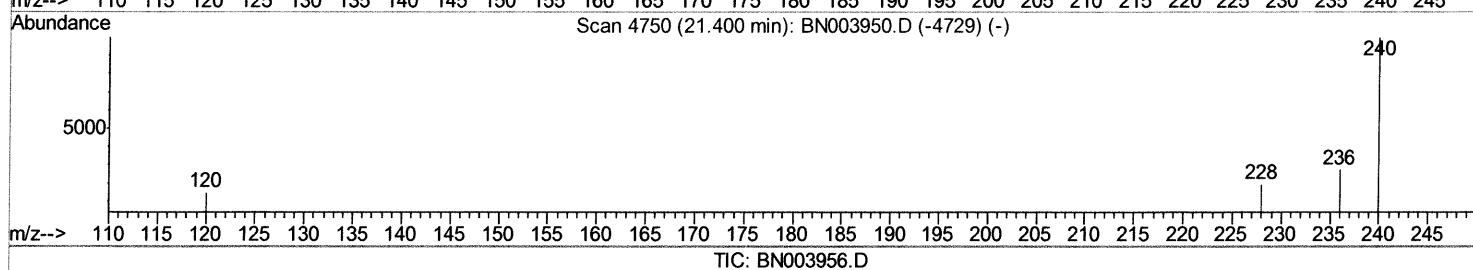
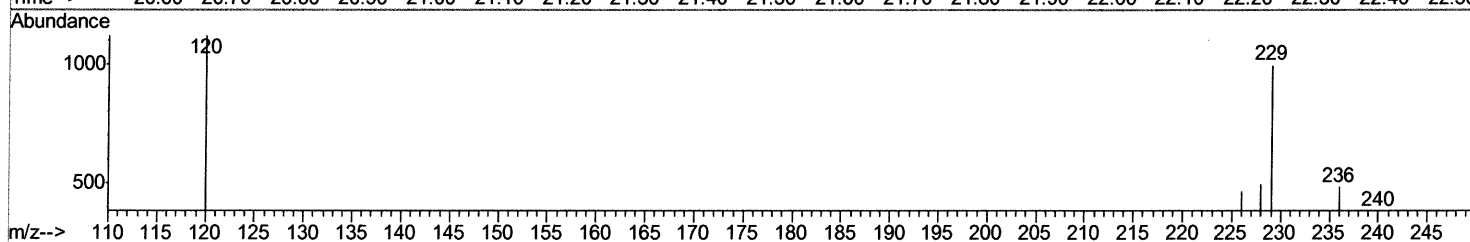
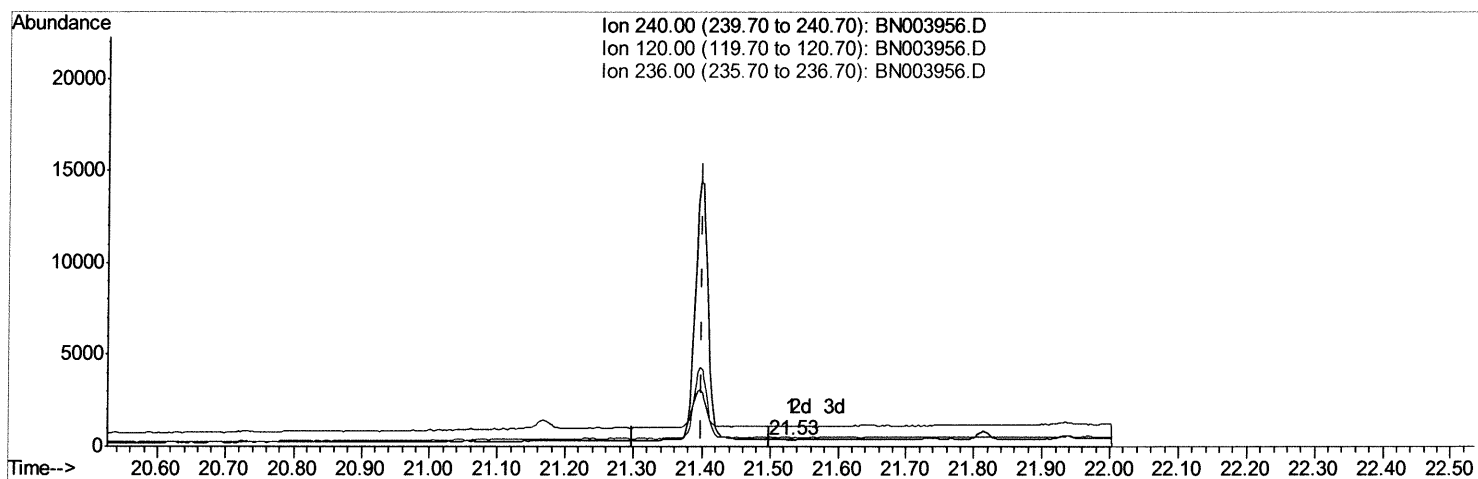
Data File : BN003956.D
Acq On : 15 Dec 2018 13:20
Operator : JU/SJ
Sample : J6227-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E67

Manual Integrations
APPROVED

Sohil
12/17/2018 4:23:50 PM

Quant Time: Dec 15 22:34:15 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)

21.531min (+0.131) 0.40ng/ul

response 13

Ion	Exp%	Act%
240.00	100	100
120.00	14.00	289.64#
236.00	27.60	125.65#
0.00	0.00	0.00

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

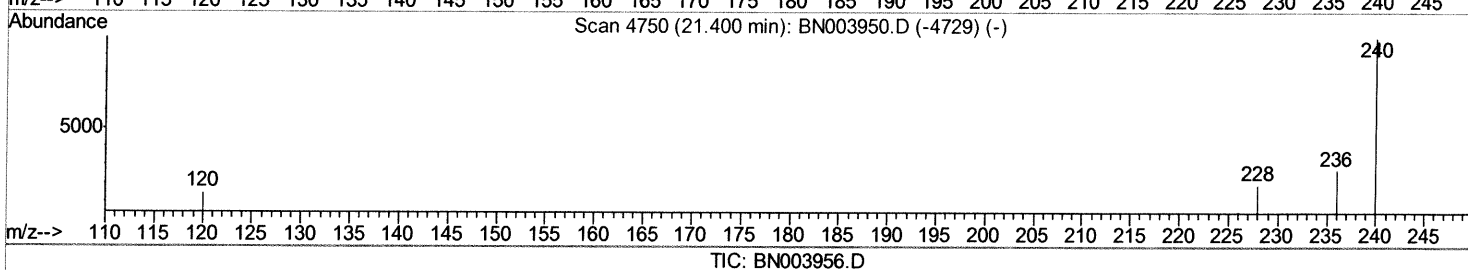
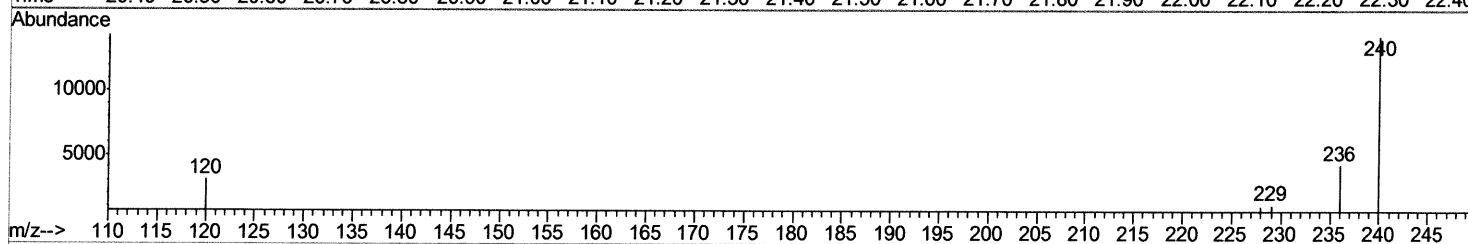
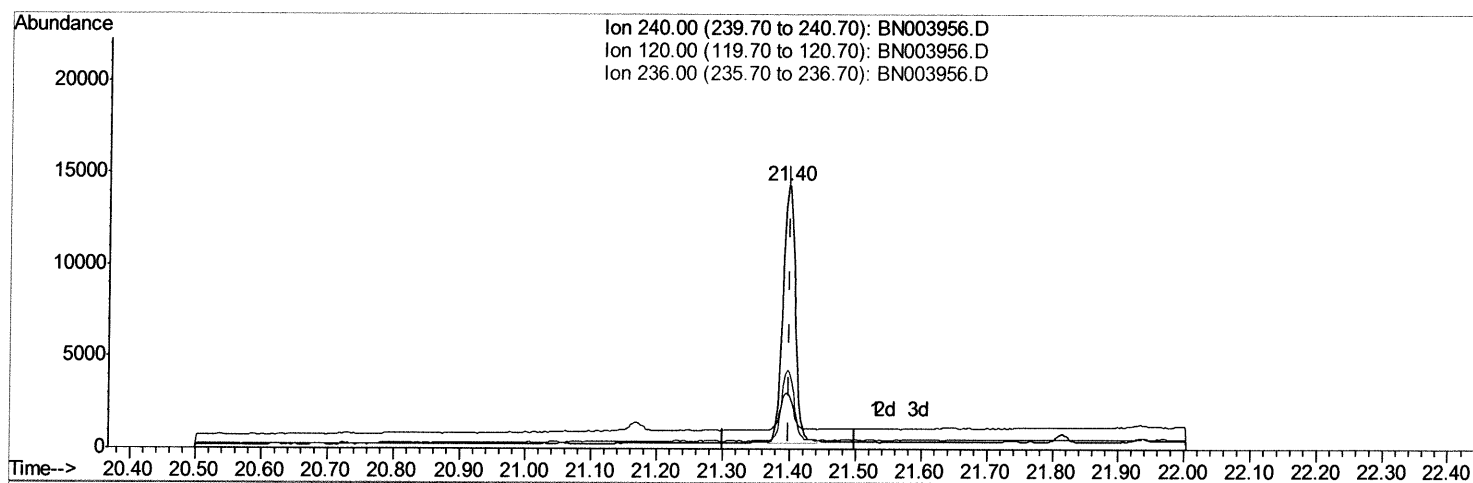
Data File : BN003956.D
Acq On : 15 Dec 2018 13:20
Operator : JU/SJ
Sample : J6227-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E67

Manual Integrations
APPROVED

Sohil
12/17/2018 4:23:50 PM

Quant Time: Dec 15 22:34:15 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)

21.397min (-0.003) 0.40ng/ul m

SD 12/17/18

response 17976

Ion	Exp%	Act%
240.00	100	100
120.00	14.00	21.50#
236.00	27.60	29.87
0.00	0.00	0.00

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

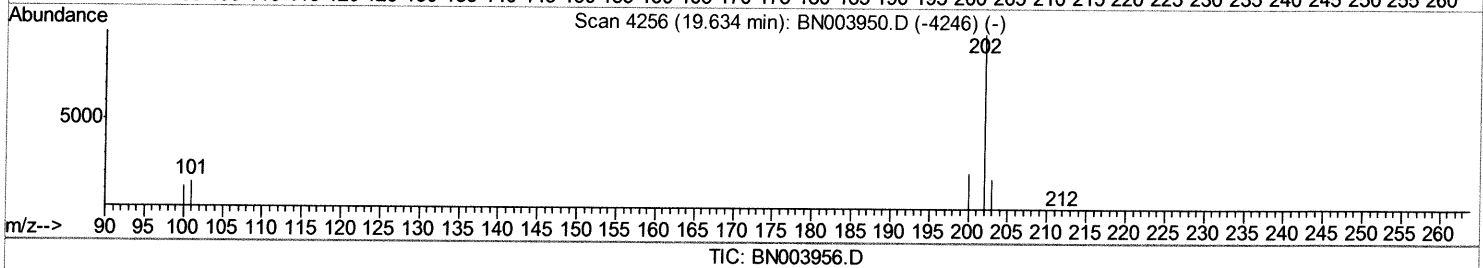
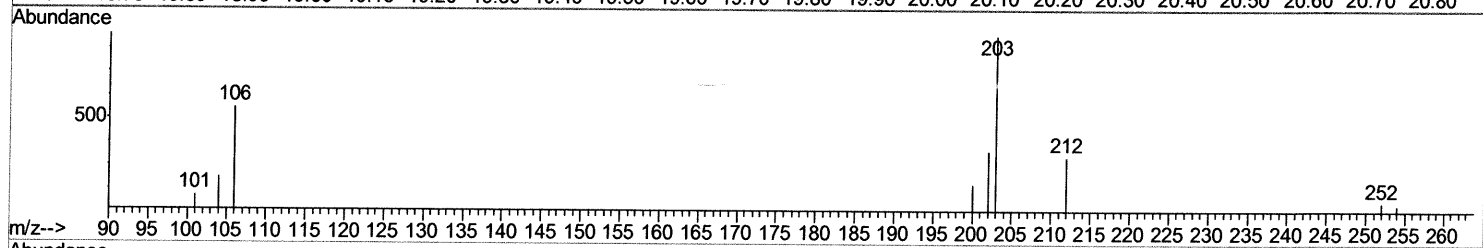
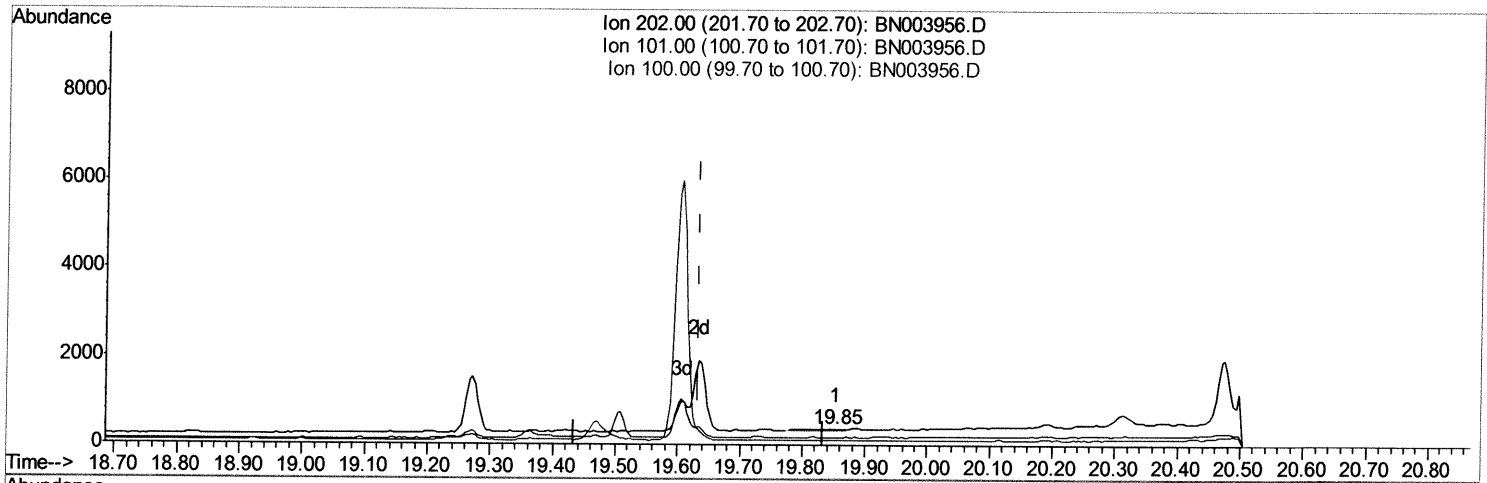
Data File : BN003956.D
Acq On : 15 Dec 2018 13:20
Operator : JU/SJ
Sample : J6227-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations
APPROVED

Sohil
12/17/2018 4:23:50 PM

Quant Time: Dec 15 22:35:39 2018
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Response via : Initial Calibration



(17) Pyrene

19.852min (+0.218) 0.00ng/ul

response 178

Ion	Exp%	Act%
202.00	100	100
101.00	12.90	47.55#
100.00	10.60	30.43#
0.00	0.00	0.00

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

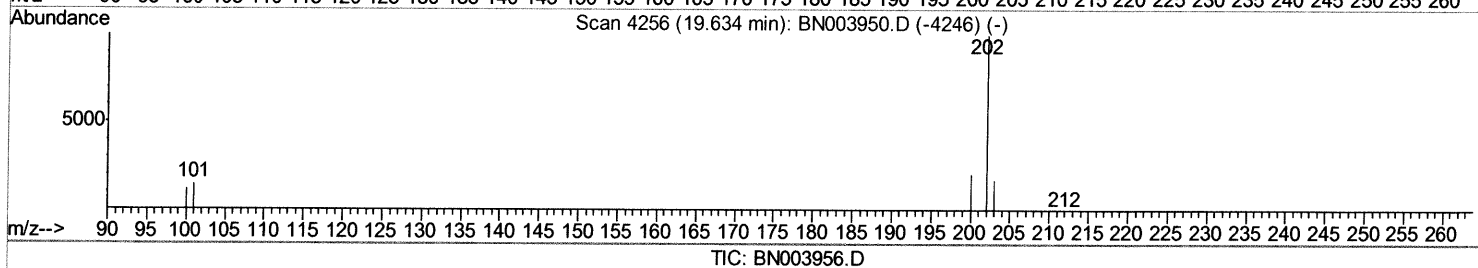
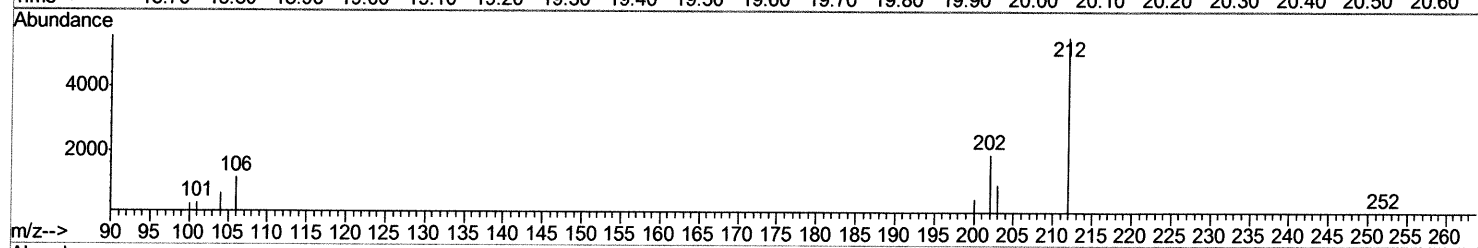
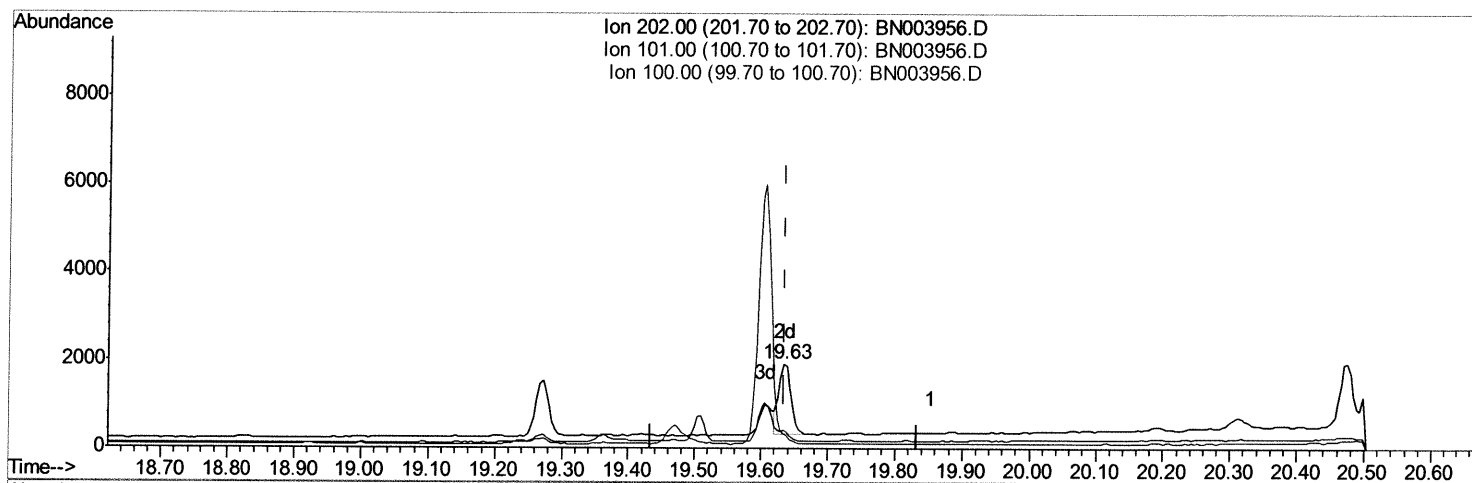
Data File : BN003956.D
Acq On : 15 Dec 2018 13:20
Operator : JU/SJ
Sample : J6227-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
APPROVED

Sohil
12/17/2018 4:23:50 PM

Quant Time: Dec 15 22:35:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
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QLast Update : Sat Dec 15 21:58:36 2018
Response via : Initial Calibration



(17) Pyrene

19.634min (-0.000) 0.03ng/ul m

SD 12/17/18

response 2000

Ion	Exp%	Act%
202.00	100	100
101.00	12.90	20.86#
100.00	10.60	17.25#
0.00	0.00	0.00

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

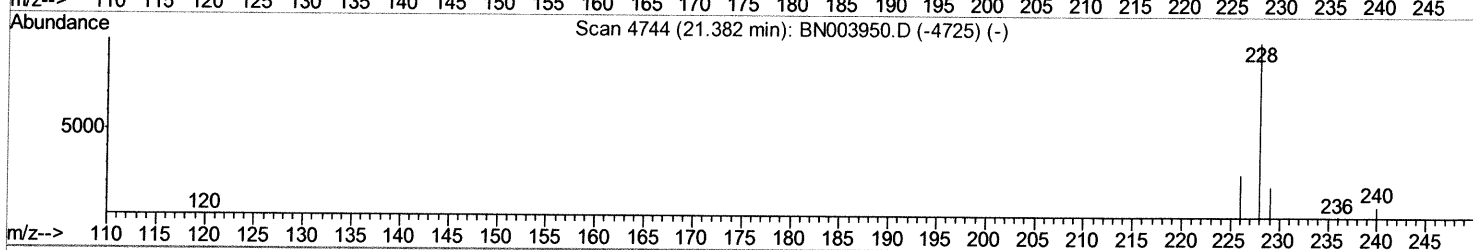
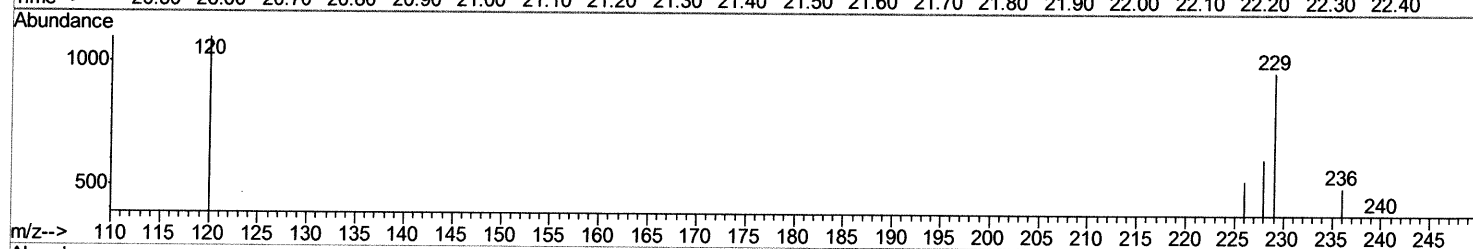
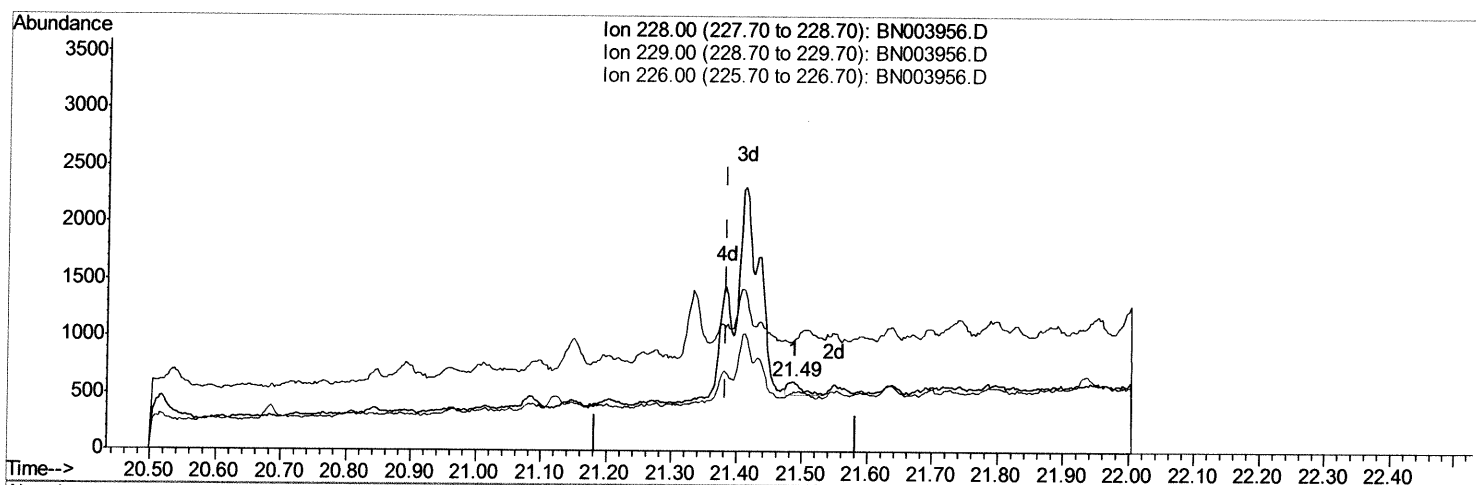
Data File : BN003956.D
Acq On : 15 Dec 2018 13:20
Operator : JU/SJ
Sample : J6227-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E67

Manual Integrations
APPROVED

Sohil
12/17/2018 4:23:50 PM

Quant Time: Dec 15 22:35:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
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Response via : Initial Calibration



TIC: BN003956.D

(18) Benzo(a)anthracene

21.487min (+0.105) 0.00ng/ul

response 182

Ion	Exp%	Act%
228.00	100	100
229.00	19.50	157.17#
226.00	26.40	86.16#
0.00	0.00	0.00

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

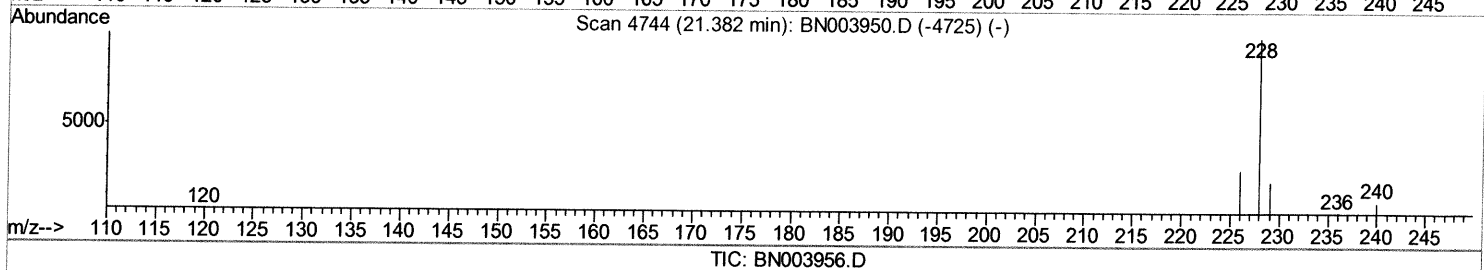
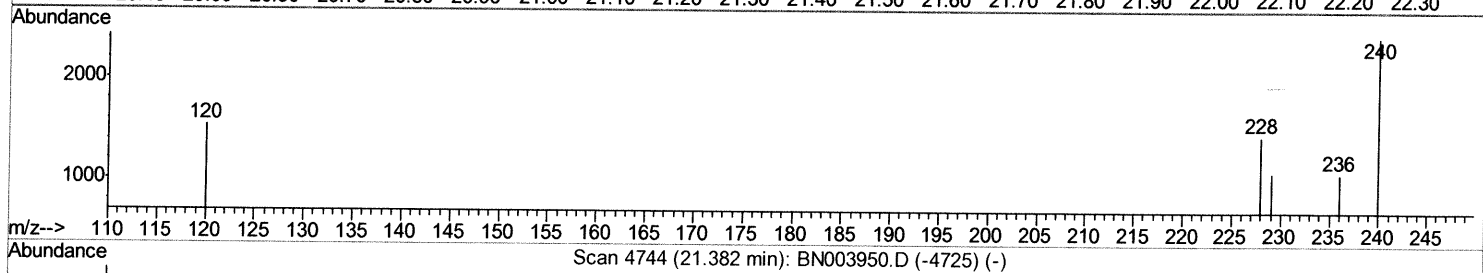
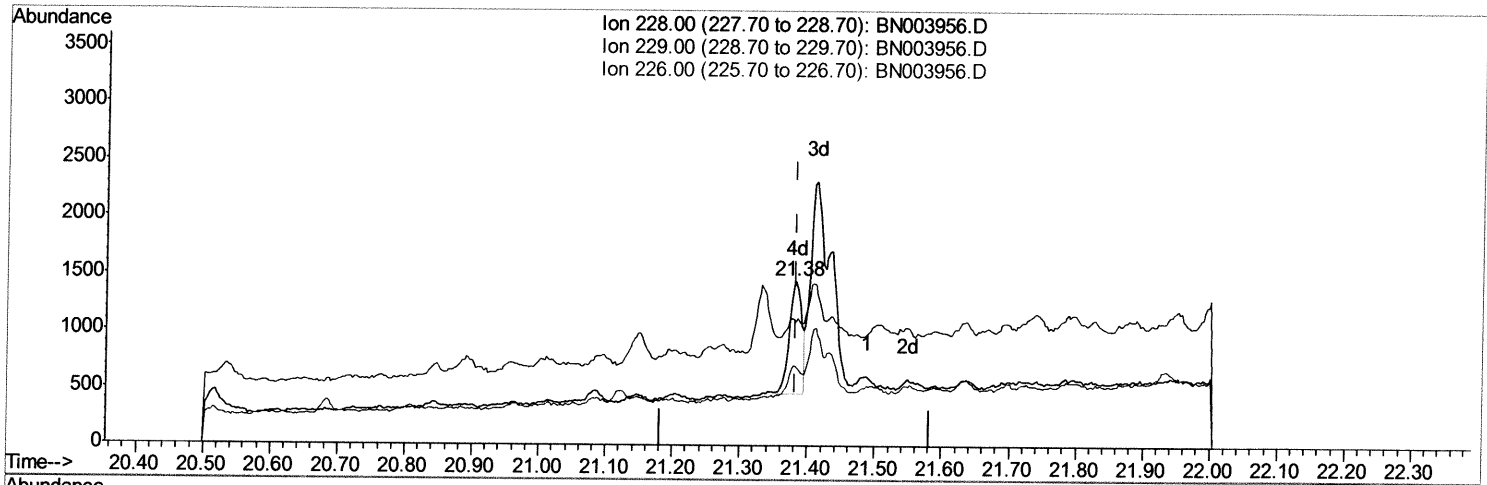
Data File : BN003956.D
Acq On : 15 Dec 2018 13:20
Operator : JU/SJ
Sample : J6227-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
F9E67

Manual Integrations
APPROVED

Sohil
12/17/2018 4:23:50 PM

Quant Time: Dec 15 22:35:39 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

21.382min (-0.000) 0.02ng/ul m

SJ 12/17/18

response 1256

Ion	Exp%	Act%
228.00	100	100
229.00	19.50	75.35#
226.00	26.40	47.99#
0.00	0.00	0.00

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

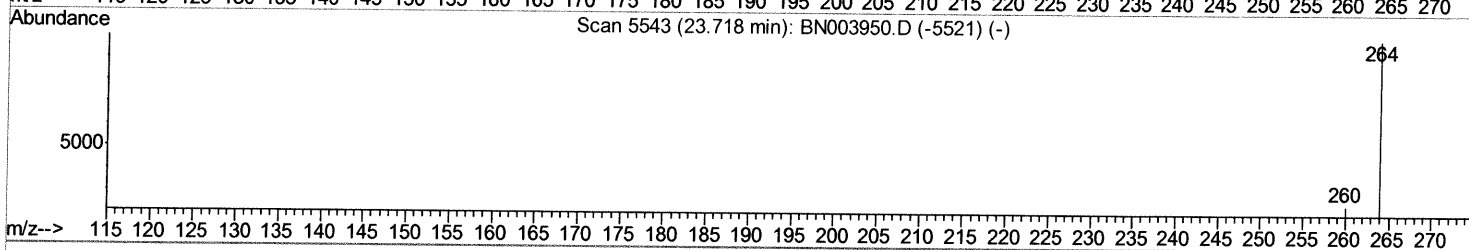
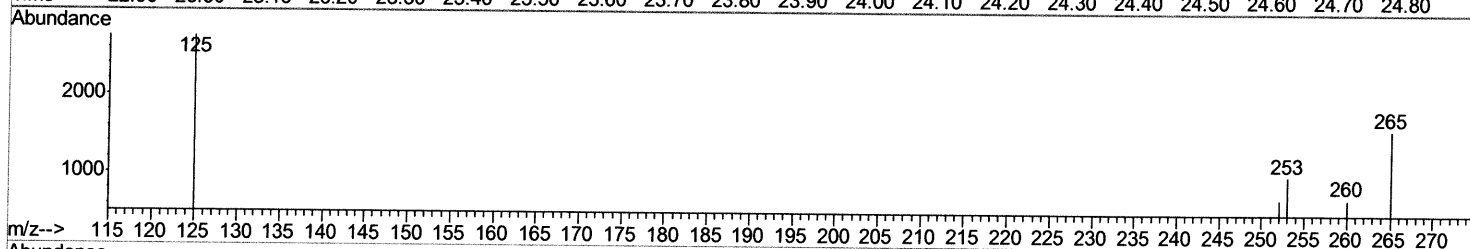
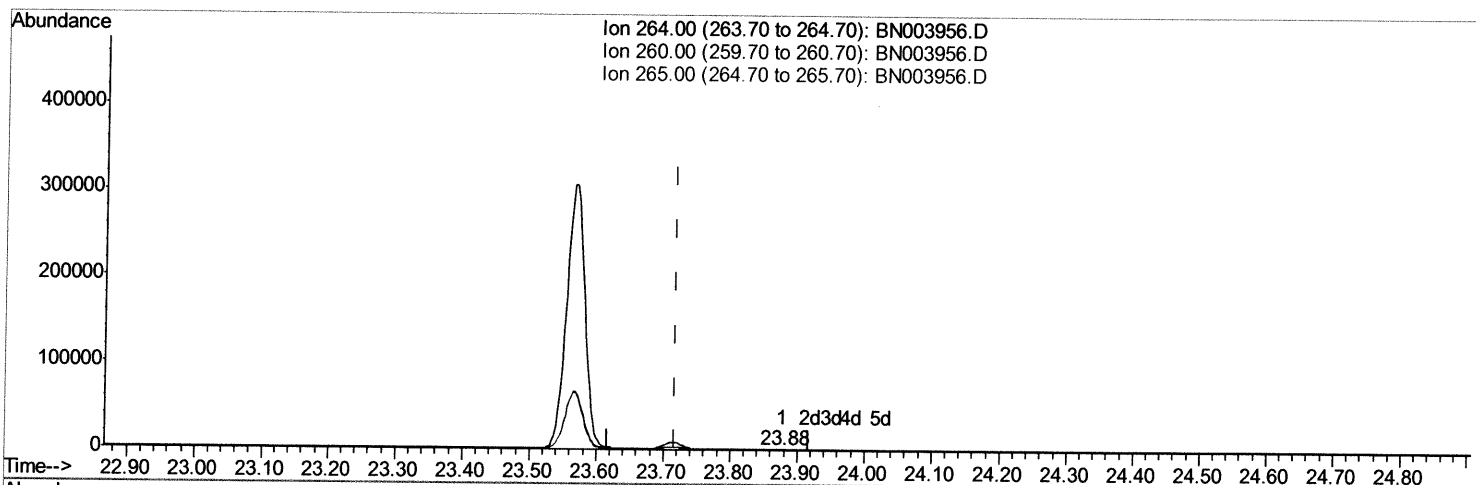
Data File : BN003956.D
Acq On : 15 Dec 2018 13:20
Operator : JU/SJ
Sample : J6227-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E67

Manual Integrations
APPROVED

Sohil
12/17/2018 4:23:50 PM

Quant Time: Dec 15 22:35:39 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: BN003956.D

(20) Perylene-d12 (I)

23.878min (+0.161) 0.40ng/ul

response 32

Ion	Exp%	Act%
264.00	100	100
260.00	26.20	140.47#
265.00	33.50	313.75#
0.00	0.00	0.00

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

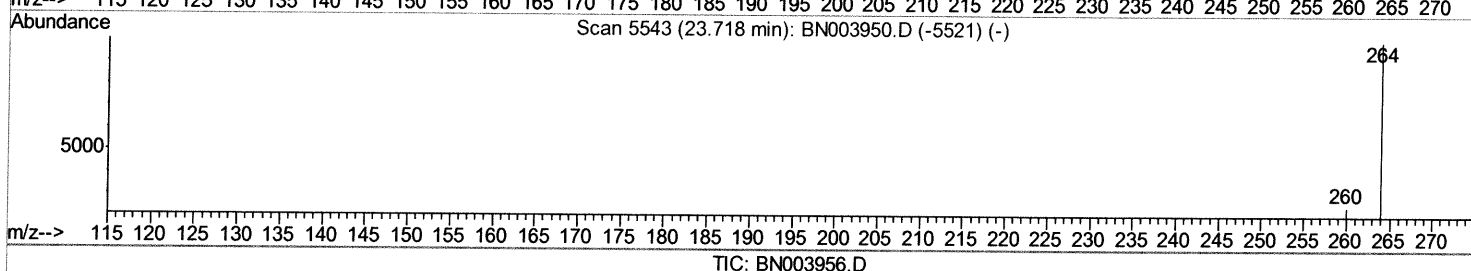
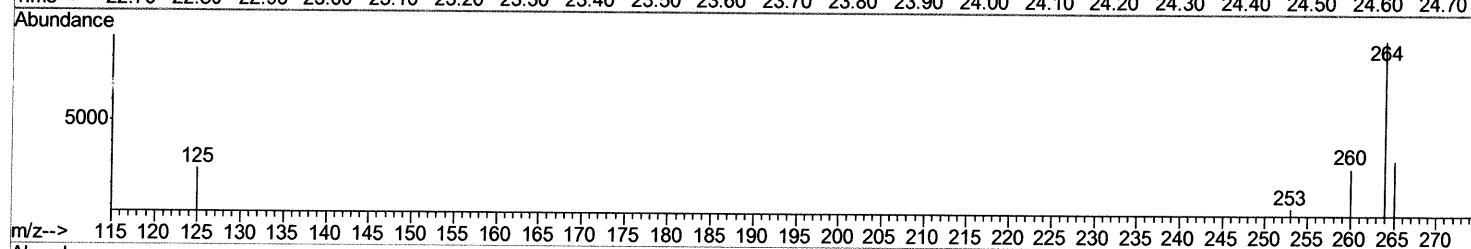
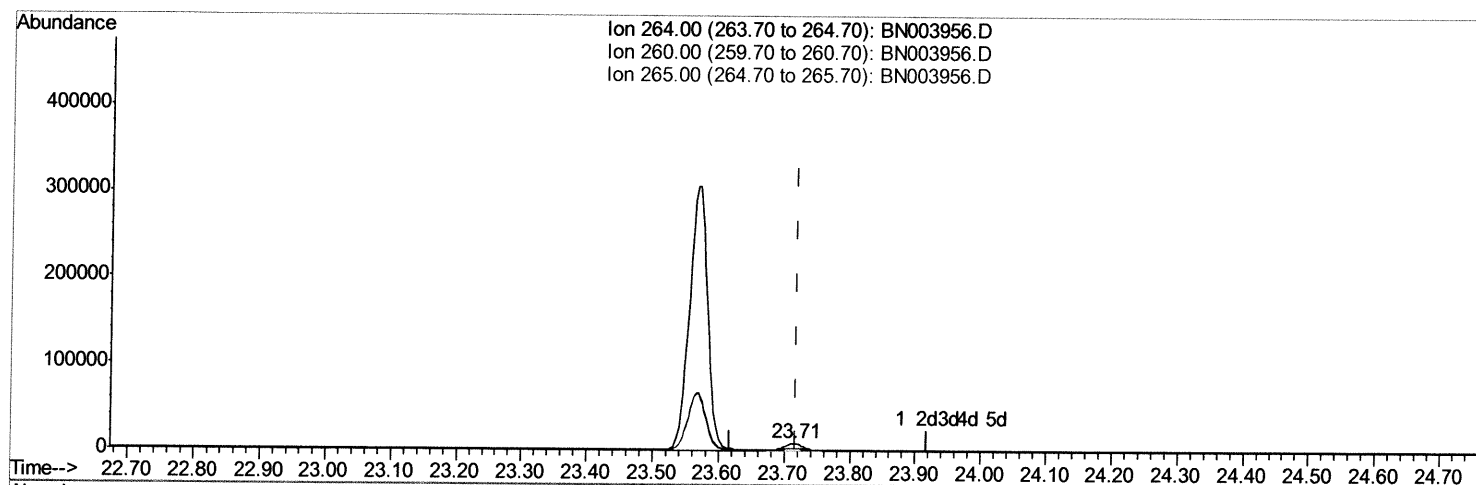
Data File : BN003956.D
Acq On : 15 Dec 2018 13:20
Operator : JU/SJ
Sample : J6227-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
F9E67

Manual Integrations
APPROVED

Sohil
12/17/2018 4:23:50 PM

Quant Time: Dec 15 22:35:39 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: BN003956.D

(20) Perylene-d12 (I)

23.715min (-0.003) 0.40ng/ul m

SJ 12/17/18

response 16348

Ion	Exp%	Act%
264.00	100	100
260.00	26.20	32.37#
265.00	33.50	36.90
0.00	0.00	0.00

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

Data File : BN003956.D
Acq On : 15 Dec 2018 13:20
Operator : JU/SJ
Sample : J6227-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E67

Manual Integrations
APPROVED

Sohil
12/17/2018 4:23:50 PM

Quant Time: Dec 15 22:37:14 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	2004	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	9654	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5826	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	14527m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	17976m	0.40	ng/ul	0.00
20) Perylene-d12	23.71	264	16348m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	2381	0.16	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	7557m	0.18	ng/ul	0.00
Target Compounds						
12) Phenanthrene	17.25	178	1322m	0.028	ng/ul	Qvalue
15) Fluoranthene	19.27	202	1797m	0.032	ng/ul	
17) Pyrene	19.63	202	2000m	0.031	ng/ul	
18) Benzo(a)anthracene	21.38	228	1256m	0.022	ng/ul	

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

SJ
12/17/18