

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN110218\
Quantitation Report (QT Reviewed)

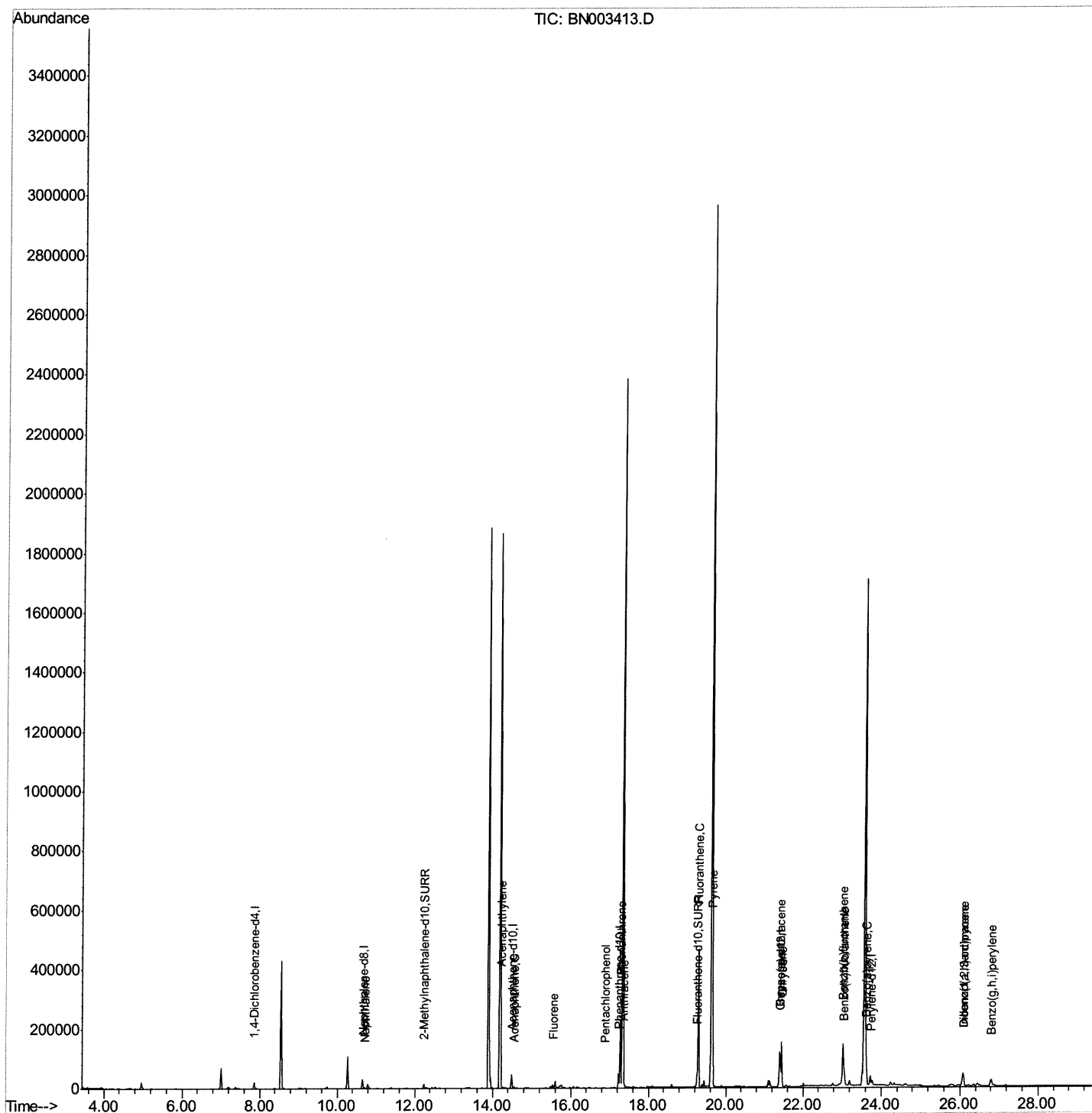
Data File : BN003413.D
Acq On : 02 Nov 2018 21:01
Operator : MJ/SJ
Sample : J5704-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40H9

Manual Integrations
APPROVED

Sohil
11/5/2018 4:09:21 PM

Quant Time: Nov 03 01:04:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 23:49:03 2018
Response via : Initial Calibration



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN110218\
Quantitation Report (Qedit)

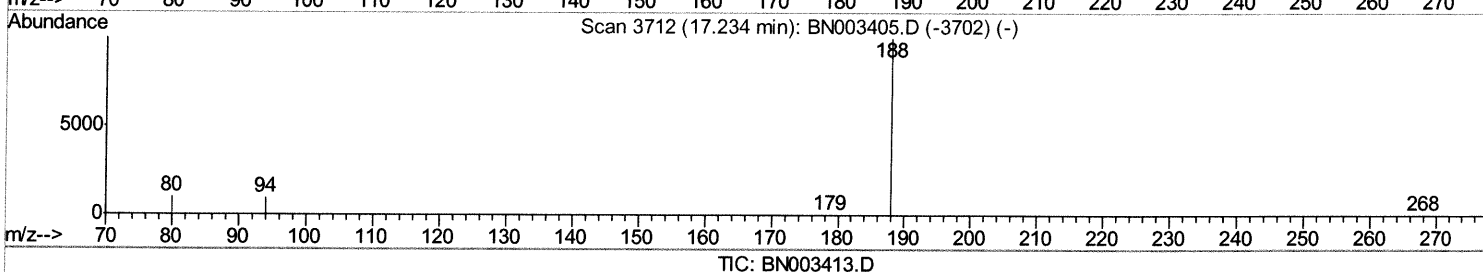
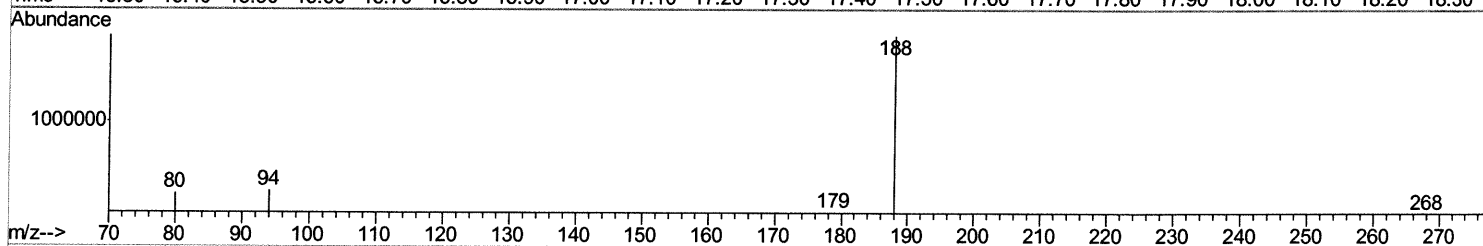
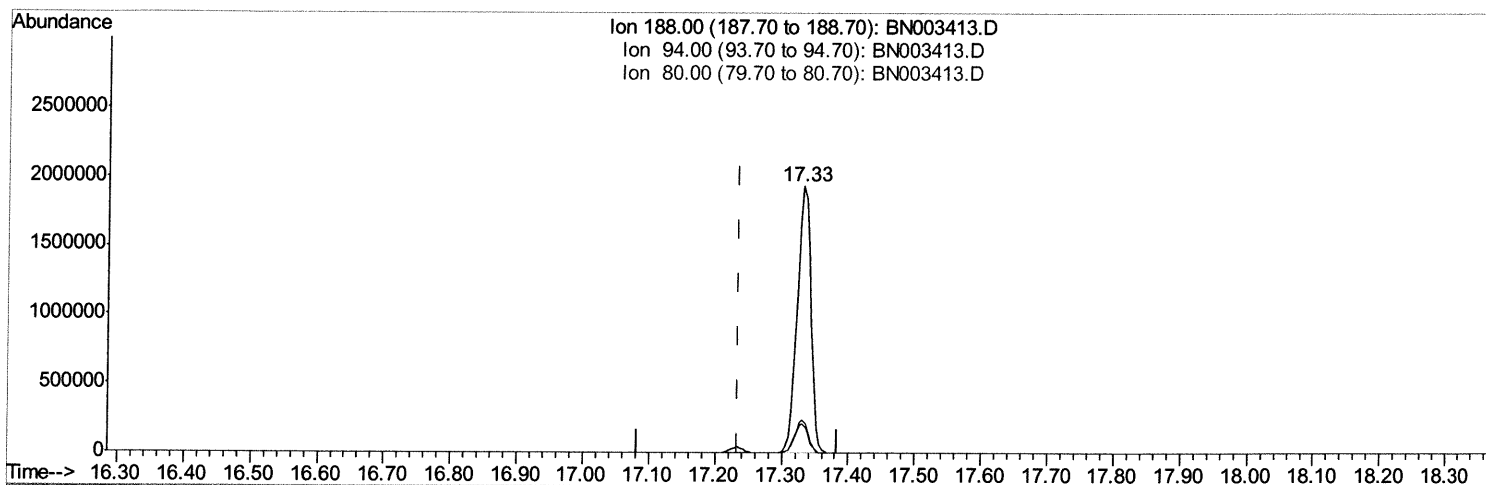
Data File : BN003413.D
Acq On : 02 Nov 2018 21:01
Operator : MJ/SJ
Sample : J5704-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
A40H9

Manual Integrations
APPROVED

Sohil
11/5/2018 4:09:21 PM

Quant Time: Nov 02 23:52:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 23:49:03 2018
Response via : Initial Calibration



TIC: BN003413.D

(10) Phenanthrene-d10 (I)

17.330min (+0.097) 0.40ng/ul

response 2739494

Ion	Exp%	Act%
188.00	100	100
94.00	9.20	12.23#
80.00	10.10	10.79
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN110218\
Quantitation Report (Qedit)

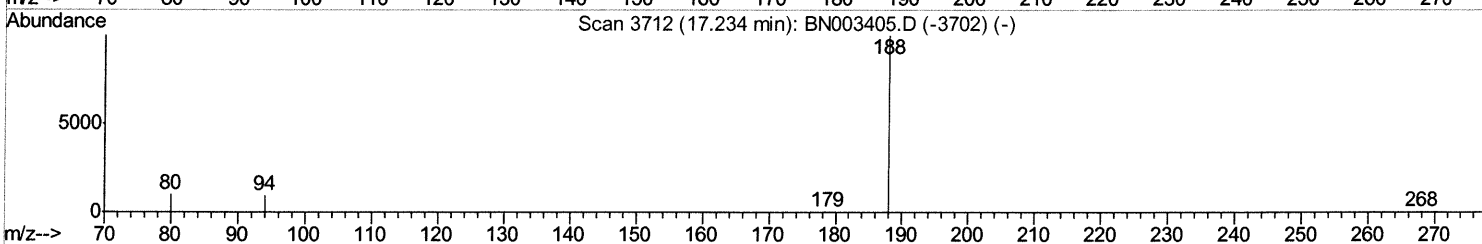
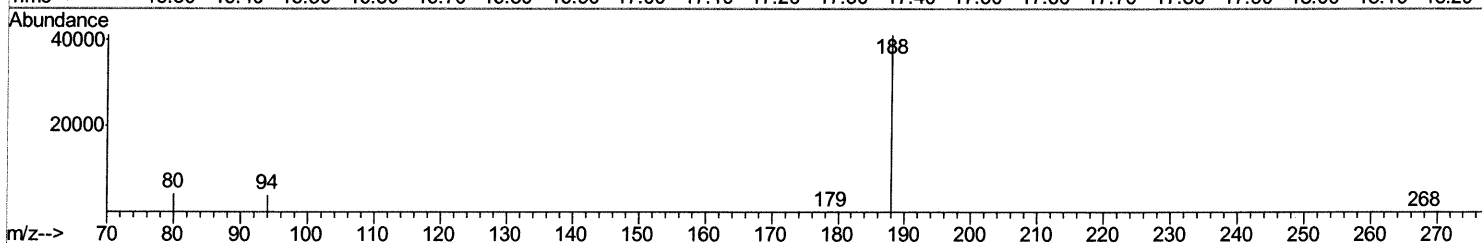
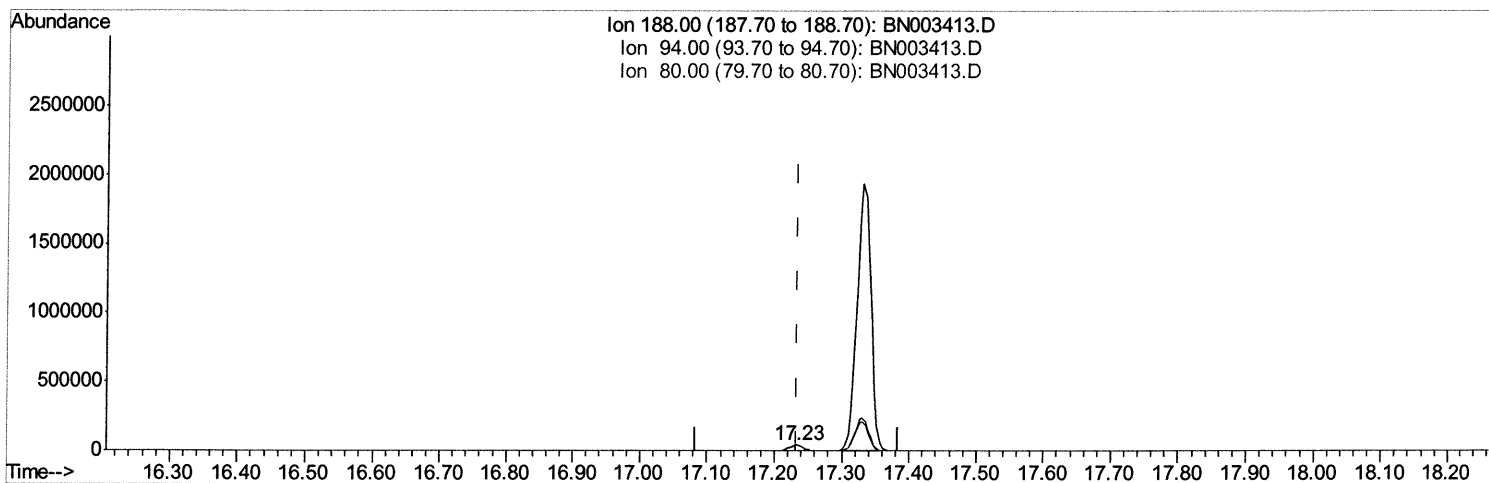
Data File : BN003413.D
Acq On : 02 Nov 2018 21:01
Operator : MJ/SJ
Sample : J5704-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40H9

Manual Integrations
APPROVED

Sohil
11/5/2018 4:09:21 PM

Quant Time: Nov 02 23:52:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 23:49:03 2018
Response via : Initial Calibration



TIC: BN003413.D

(10) Phenanthrene-d10 (I)

17.233min (-0.001) 0.40ng/ul m> SJ

11/12/18

response 56795

Ion	Exp%	Act%
188.00	100	100
94.00	9.20	9.87
80.00	10.10	10.63
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN110218\
Quantitation Report (Qedit)

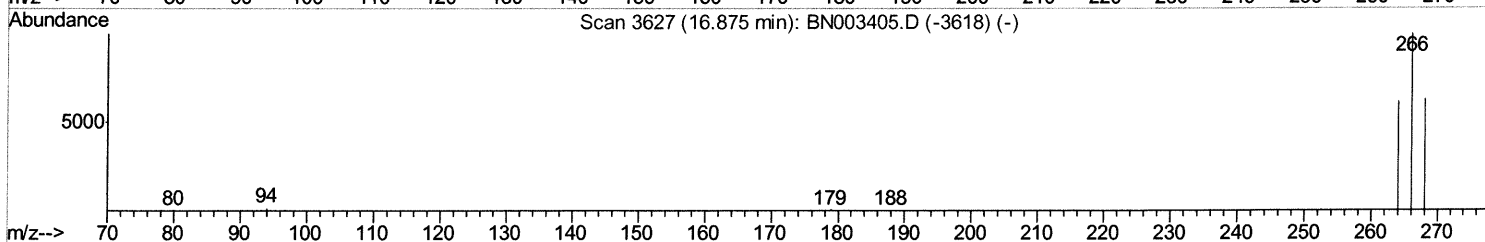
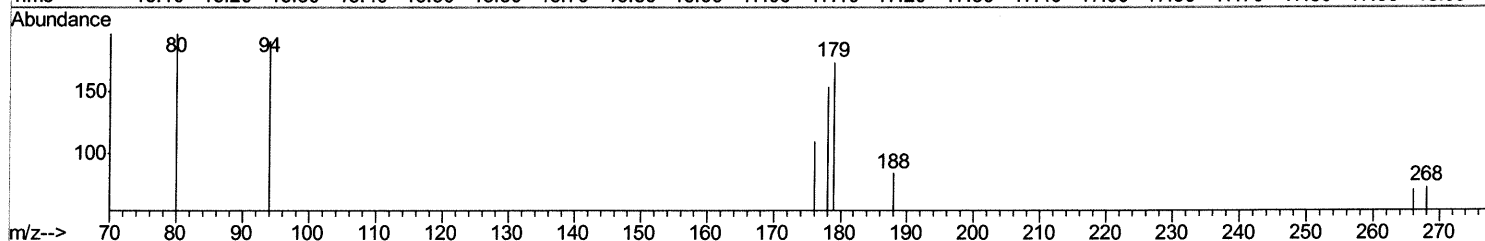
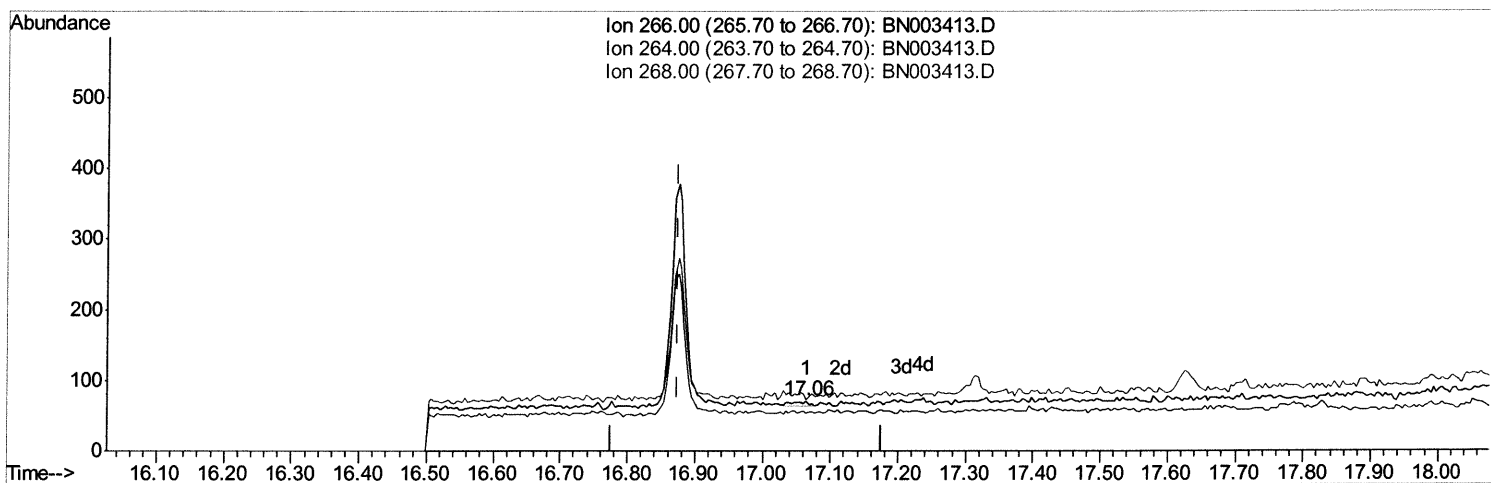
Data File : BN003413.D
Acq On : 02 Nov 2018 21:01
Operator : MJ/SJ
Sample : J5704-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40H9

Manual Integrations
APPROVED

Sohil
11/5/2018 4:09:21 PM

Quant Time: Nov 03 00:59:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 23:49:03 2018
Response via : Initial Calibration



TIC: BN003413.D

(11) Pentachlorophenol

17.064min (+0.189) 0.00ng/ul

response 10

Ion	Exp%	Act%
266.00	100	100
264.00	62.80	0.00#
268.00	63.40	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN110218\
Quantitation Report (Qedit)

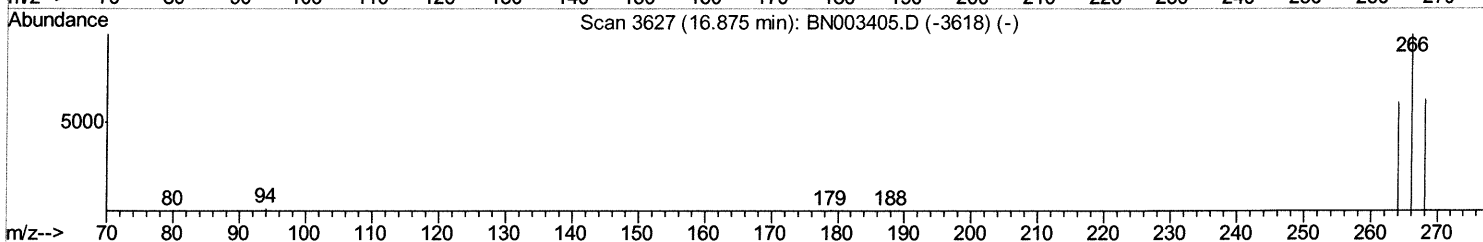
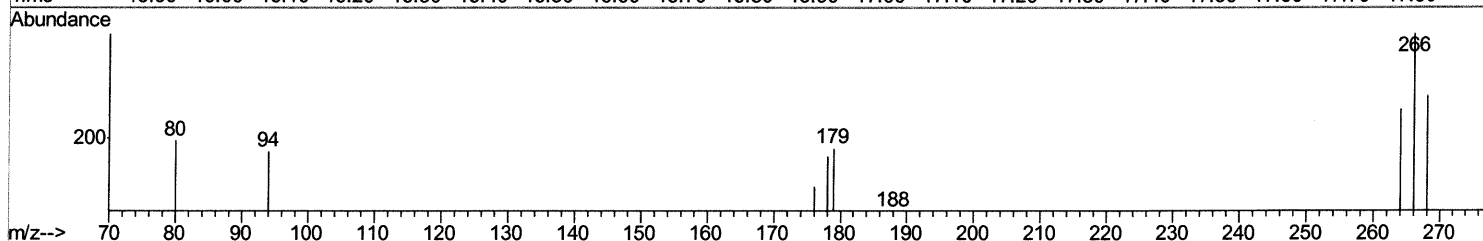
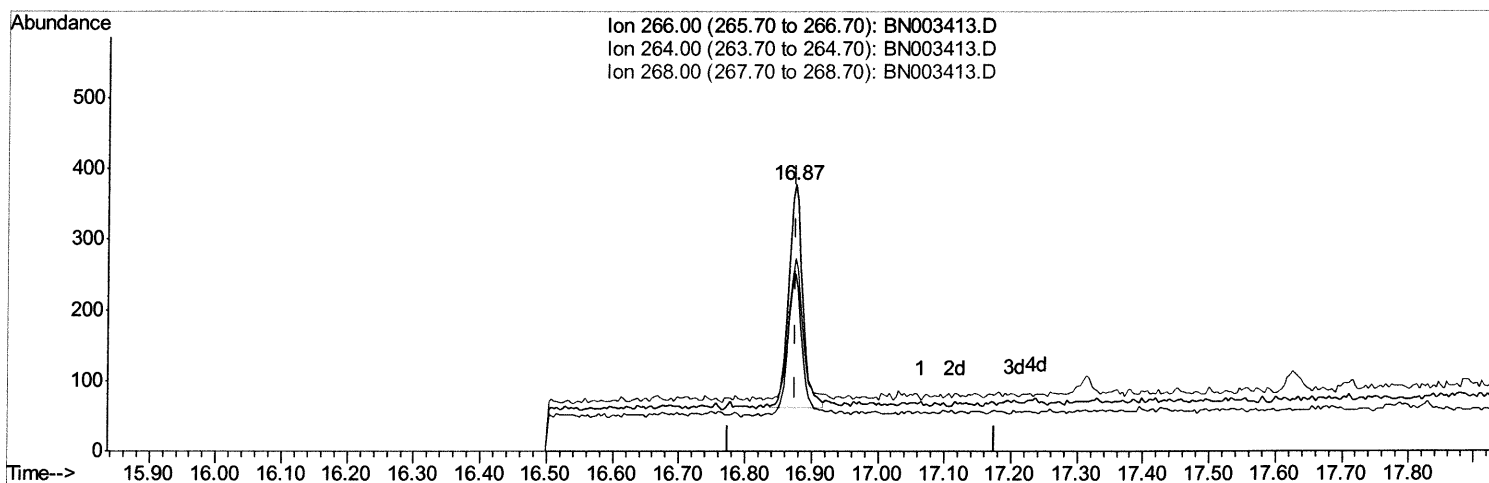
Data File : BN003413.D
Acq On : 02 Nov 2018 21:01
Operator : MJ/SJ
Sample : J5704-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40H9

Manual Integrations
APPROVED

Sohil
11/5/2018 4:09:21 PM

Quant Time: Nov 03 00:59:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 23:49:03 2018
Response via : Initial Calibration



TIC: BN003413.D

(11) Pentachlorophenol

16.874min (-0.001) 0.04ng/ul m> SJ 11/12/18

response 469

Ion	Exp%	Act%
266.00	100	100
264.00	62.80	0.00#
268.00	63.40	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN110218\
Quantitation Report (Qedit)

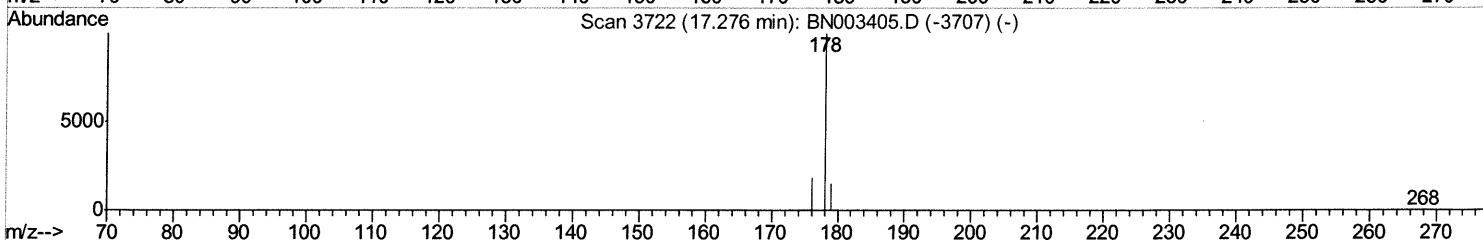
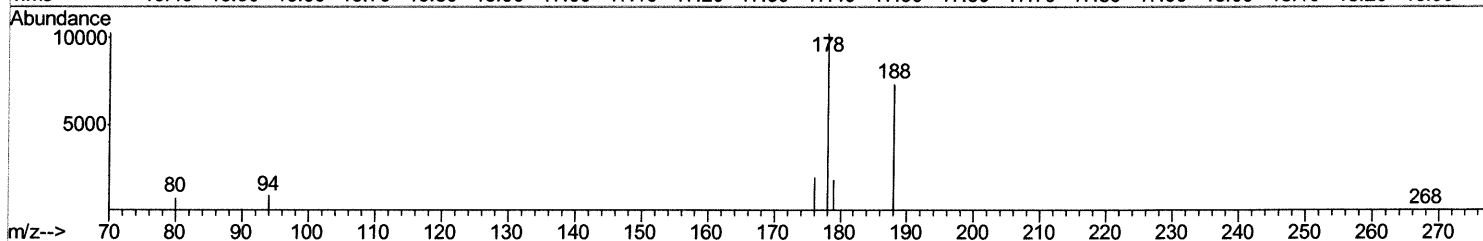
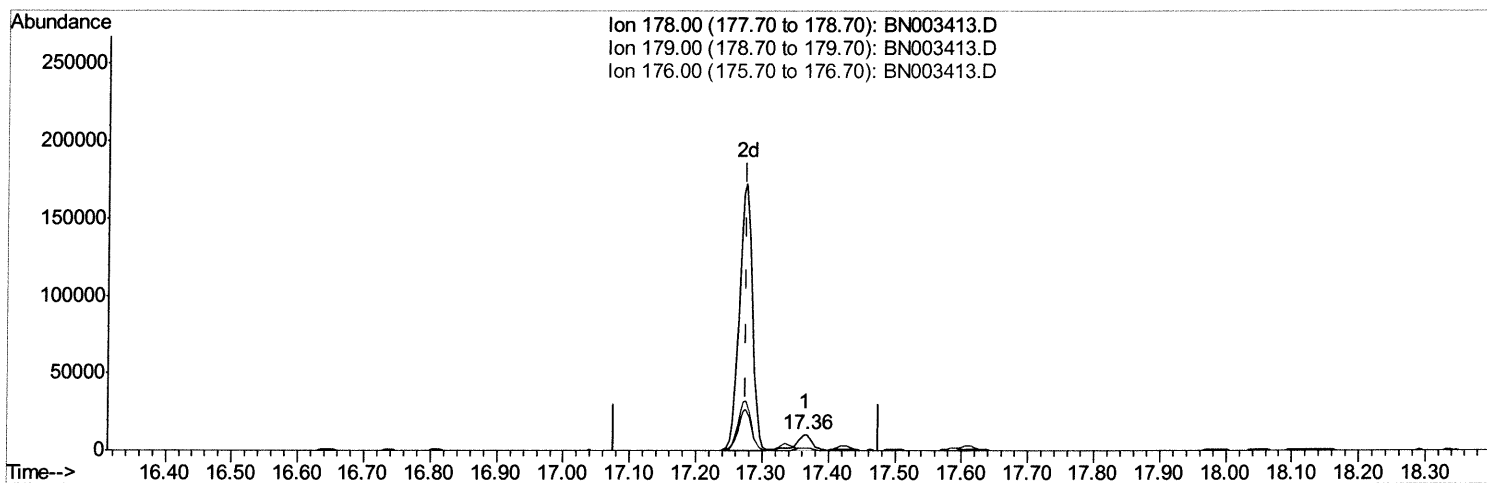
Data File : BN003413.D
Acq On : 02 Nov 2018 21:01
Operator : MJ/SJ
Sample : J5704-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40H9

Manual Integrations
APPROVED

Sohil
11/5/2018 4:09:21 PM

Quant Time: Nov 03 00:59:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 23:49:03 2018
Response via : Initial Calibration



TIC: BN003413.D

(12) Phenanthrene

17.364min (+0.088) 0.08ng/ul

response 15389

Ion	Exp%	Act%
178.00	100	100
179.00	15.50	17.28
176.00	18.70	18.93
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN110218\
Quantitation Report (Qedit)

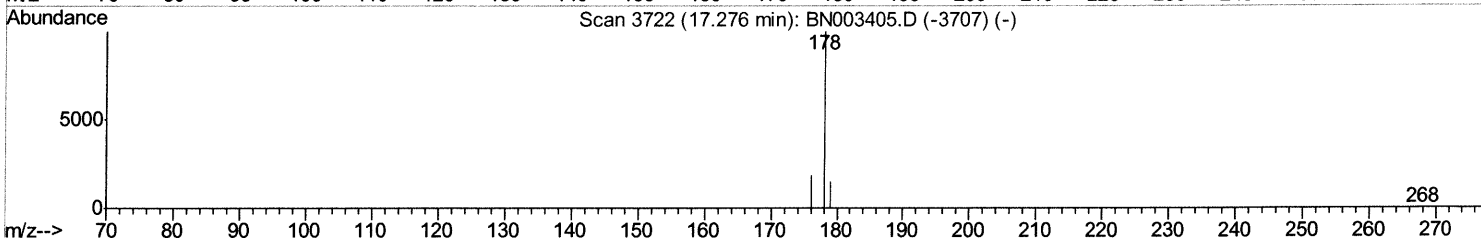
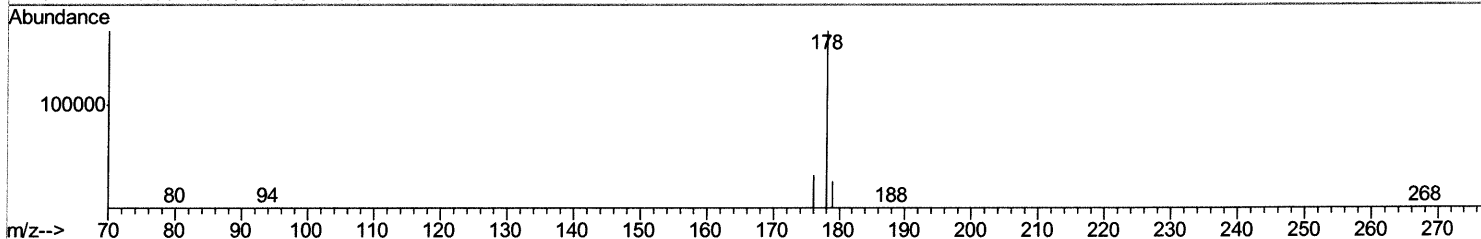
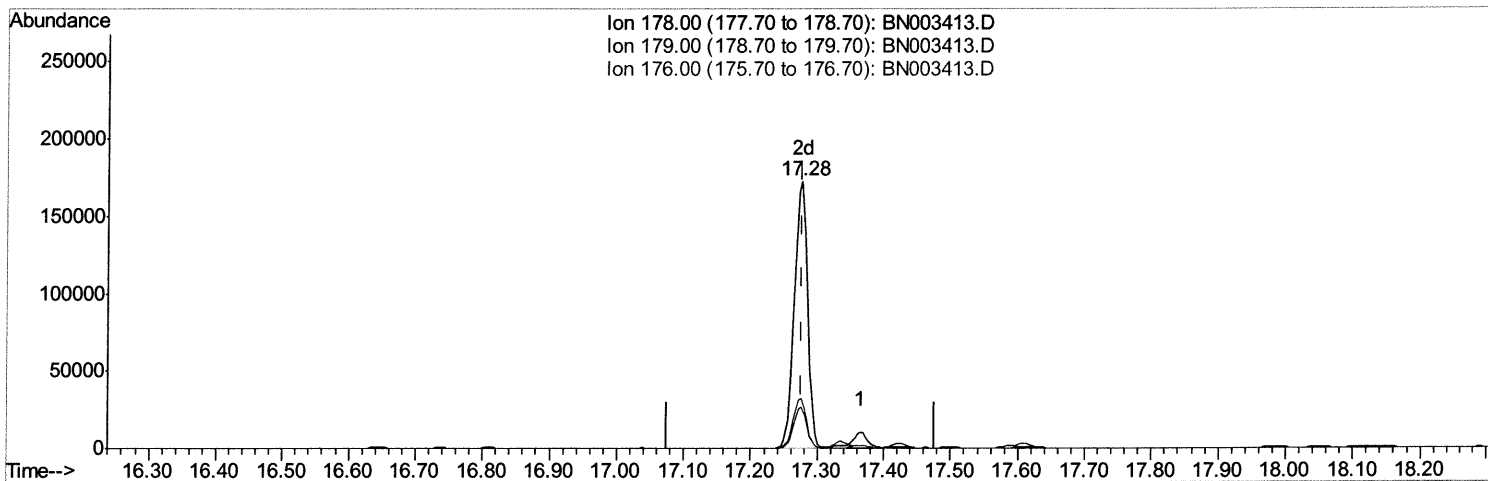
Data File : BN003413.D
Acq On : 02 Nov 2018 21:01
Operator : MJ/SJ
Sample : J5704-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40H9

Manual Integrations
APPROVED

Sohil
11/5/2018 4:09:21 PM

Quant Time: Nov 03 00:59:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 23:49:03 2018
Response via : Initial Calibration



TIC: BN003413.D

(12) Phenanthrene

17.276min (-0.001) 1.29ng/ul m) SJ 11/12/18

response 239873

Ion	Exp%	Act%
178.00	100	100
179.00	15.50	15.40
176.00	18.70	18.75
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN110218\
Quantitation Report (Qedit)

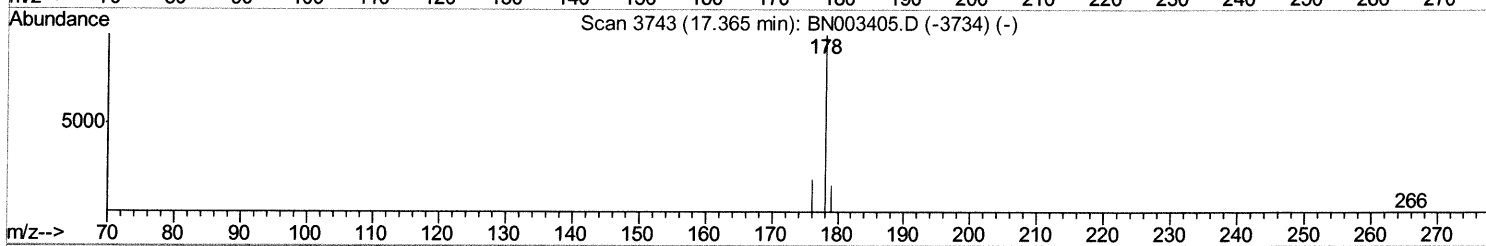
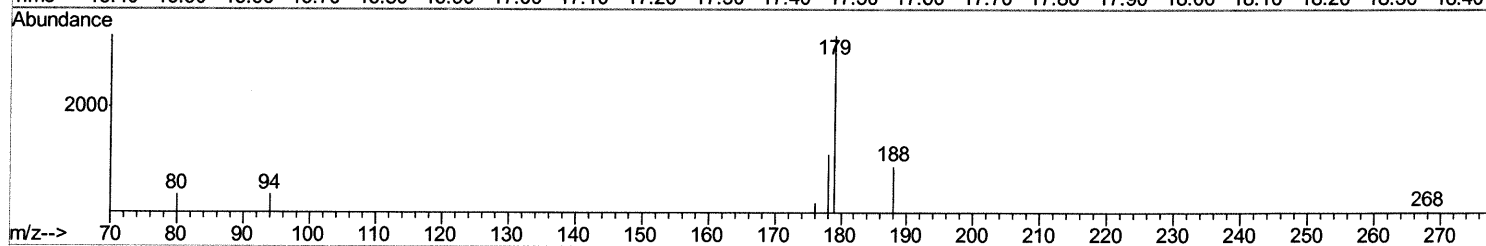
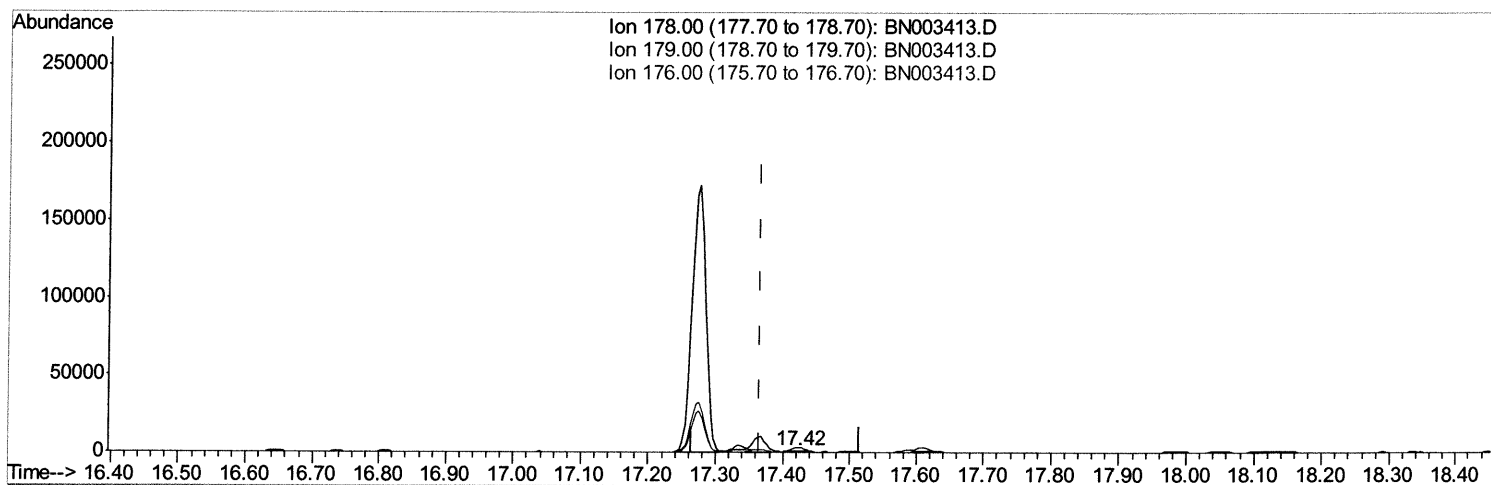
Data File : BN003413.D
Acq On : 02 Nov 2018 21:01
Operator : MJ/SJ
Sample : J5704-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40H9

Manual Integrations
APPROVED

Sohil
11/5/2018 4:09:21 PM

Quant Time: Nov 03 00:59:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 23:49:03 2018
Response via : Initial Calibration



TIC: BN003413.D

(13) Anthracene

17.423min (+0.059) 0.01ng/ul

response 1257

Ion	Exp%	Act%
178.00	100	100
179.00	15.20	294.92#
176.00	18.40	20.70
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN110218\
Quantitation Report (Qedit)

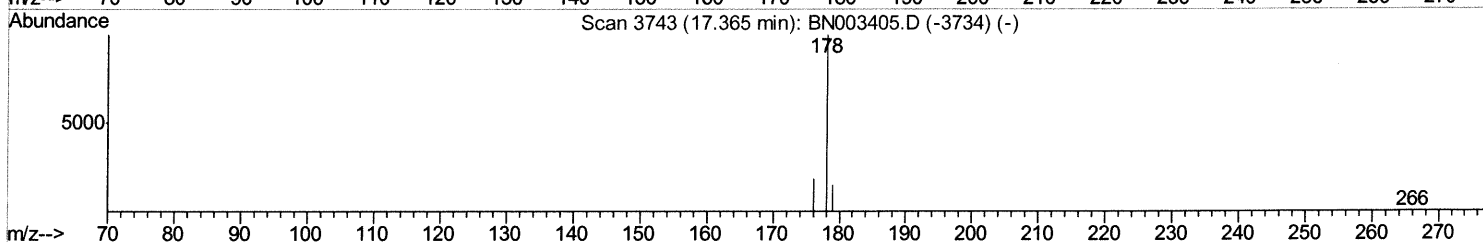
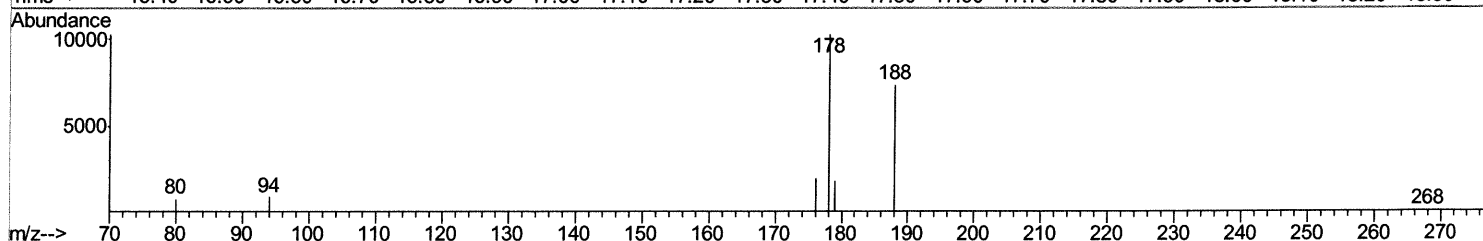
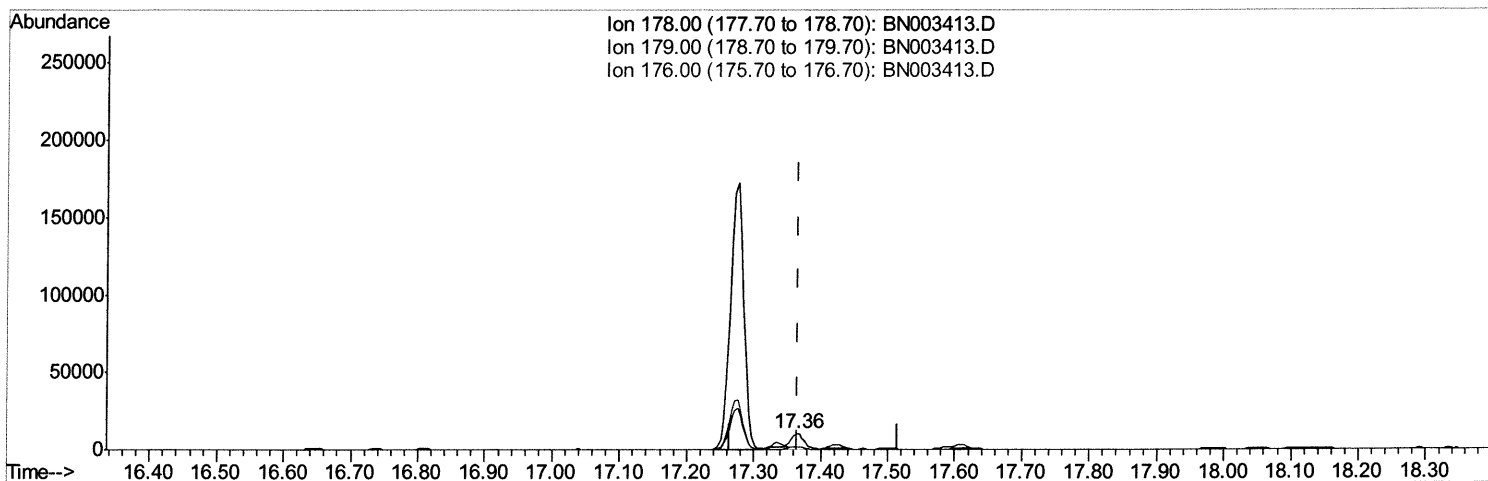
Data File : BN003413.D
Acq On : 02 Nov 2018 21:01
Operator : MJ/SJ
Sample : J5704-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40H9

Manual Integrations
APPROVED

Sohil
11/5/2018 4:09:21 PM

Quant Time: Nov 03 00:59:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 23:49:03 2018
Response via : Initial Calibration



TIC: BN003413.D

(13) Anthracene

17.364min (-0.001) 0.10ng/ul m> SJ 11/12/18

response 14784

Ion	Exp%	Act%
178.00	100	100
179.00	15.20	17.28
176.00	18.40	18.93
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN110218\
Quantitation Report (Qedit)

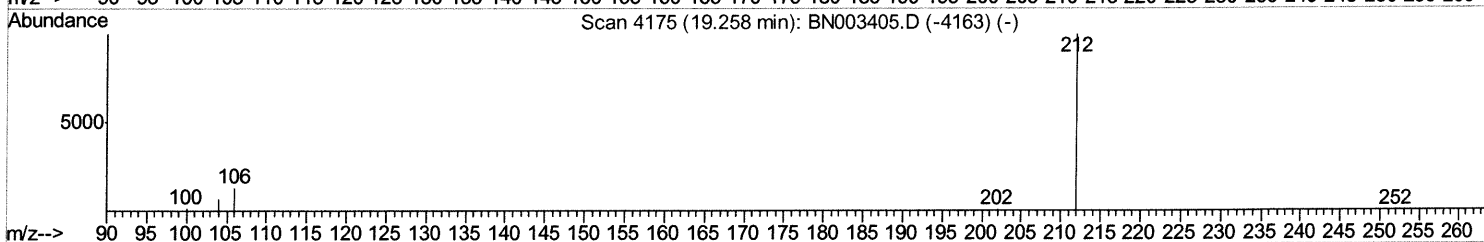
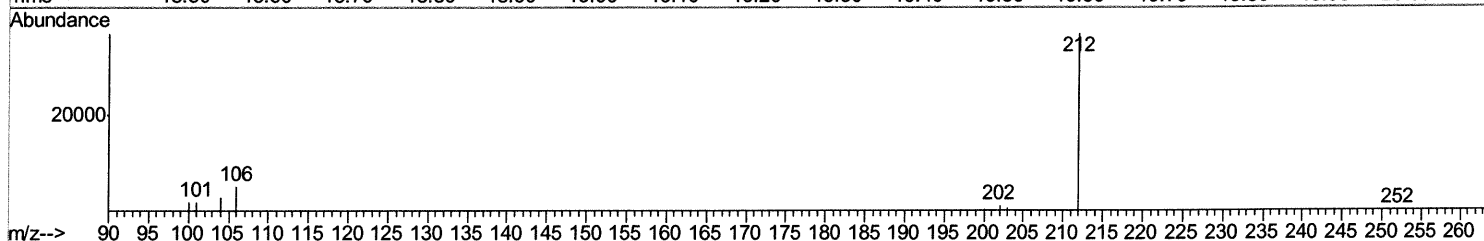
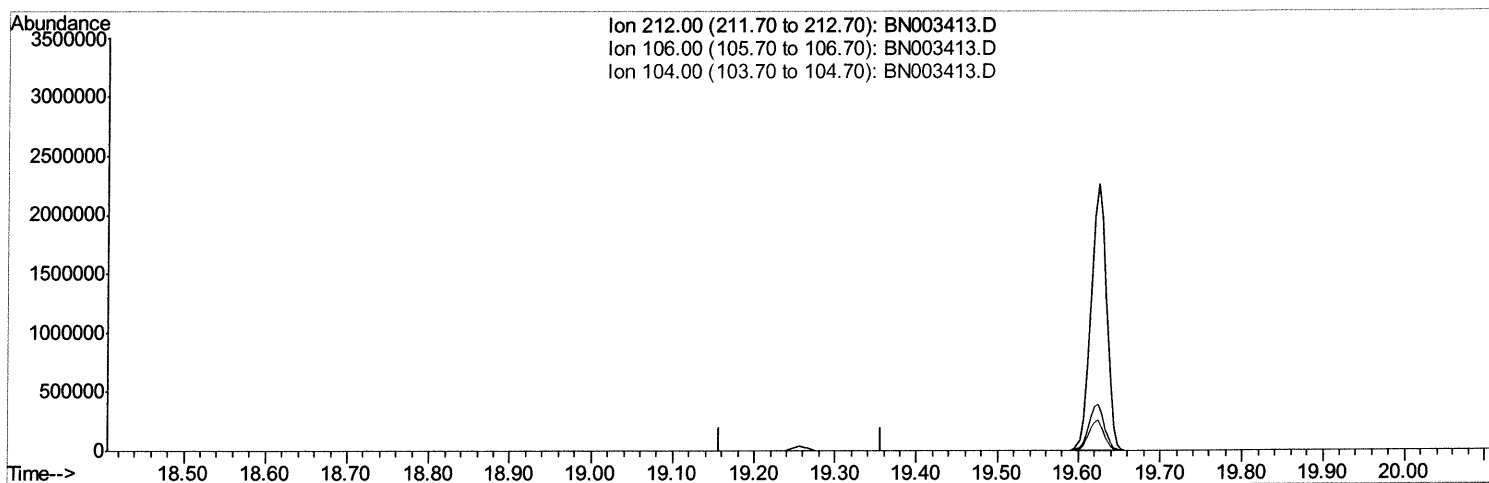
Data File : BN003413.D
Acq On : 02 Nov 2018 21:01
Operator : MJ/SJ
Sample : J5704-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40H9

Manual Integrations
APPROVED

Sohil
11/5/2018 4:09:21 PM

Quant Time: Nov 03 00:59:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Qlast Update : Fri Nov 02 23:49:03 2018
Response via : Initial Calibration



TIC: BN003413.D

(14) Fluoranthene-d10 (SURR)

19.258min (-19.258) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	13.50	0.00#
104.00	7.60	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN110218\
Quantitation Report (Qedit)

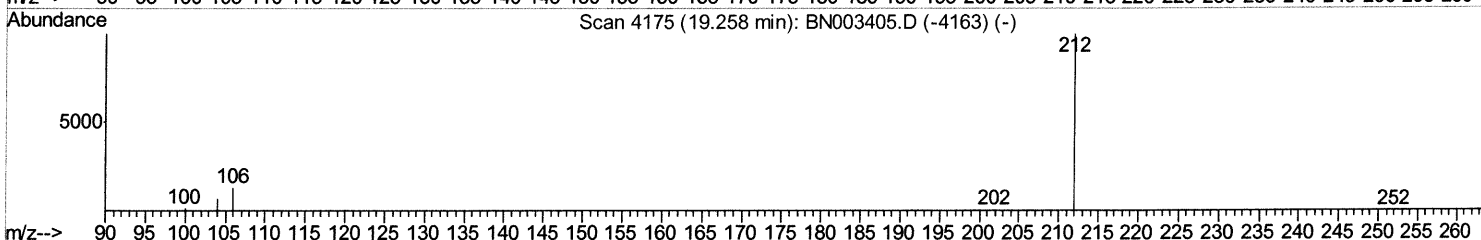
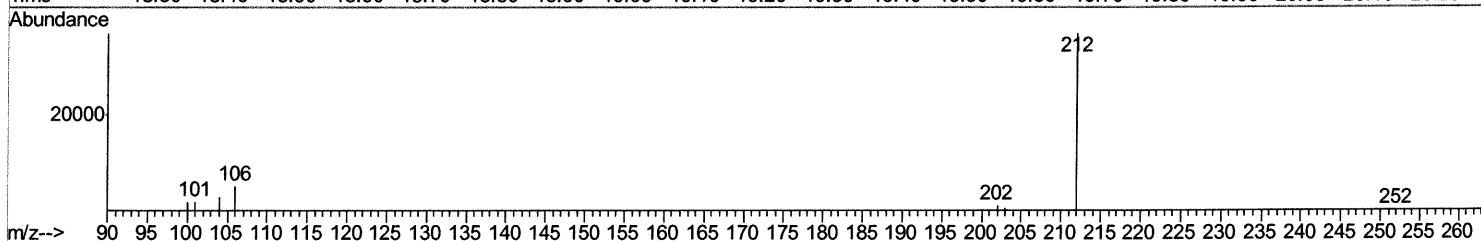
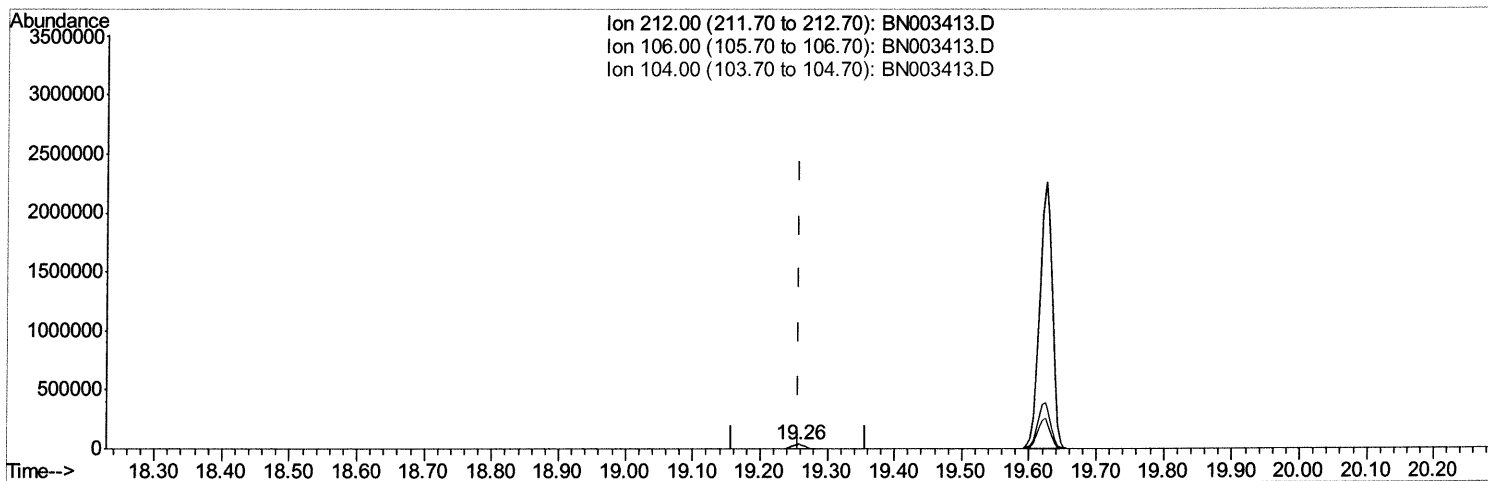
Data File : BN003413.D
Acq On : 02 Nov 2018 21:01
Operator : MJ/SJ
Sample : J5704-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40H9

Manual Integrations
APPROVED

Sohil
11/5/2018 4:09:21 PM

Quant Time: Nov 03 00:59:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 23:49:03 2018
Response via : Initial Calibration



TIC: BN003413.D

(14) Fluoranthene-d10 (SURR)

19.257min (-0.001) 0.30ng/ul m) SJ 11/12/18

response 47760

Ion	Exp%	Act%
212.00	100	100
106.00	13.50	0.00#
104.00	7.60	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN110218\
Quantitation Report (Qedit)

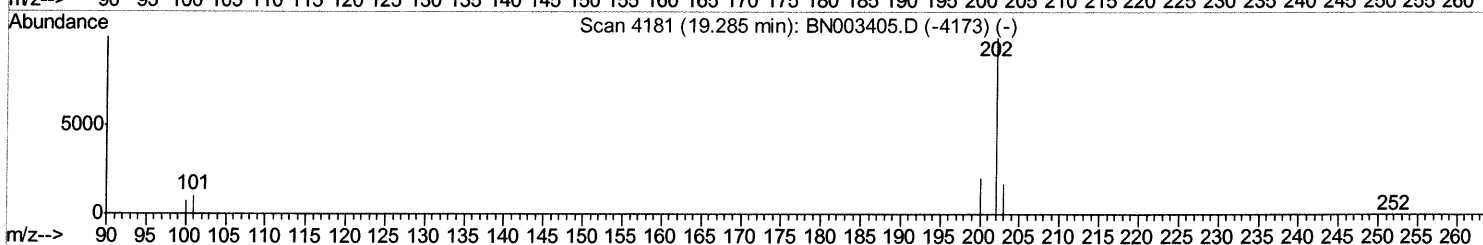
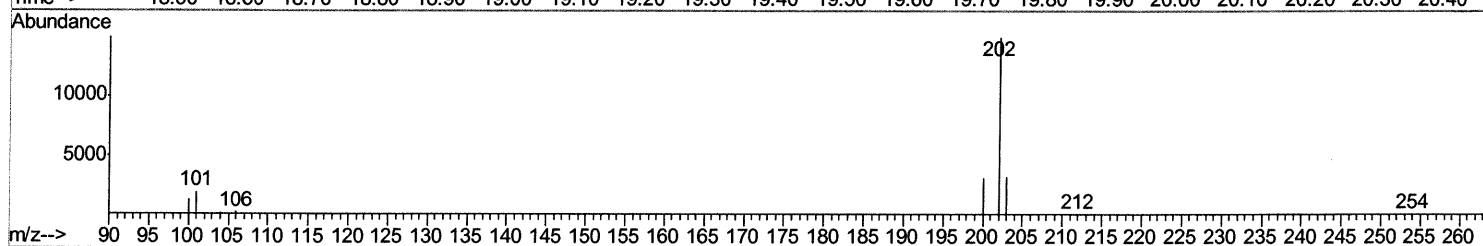
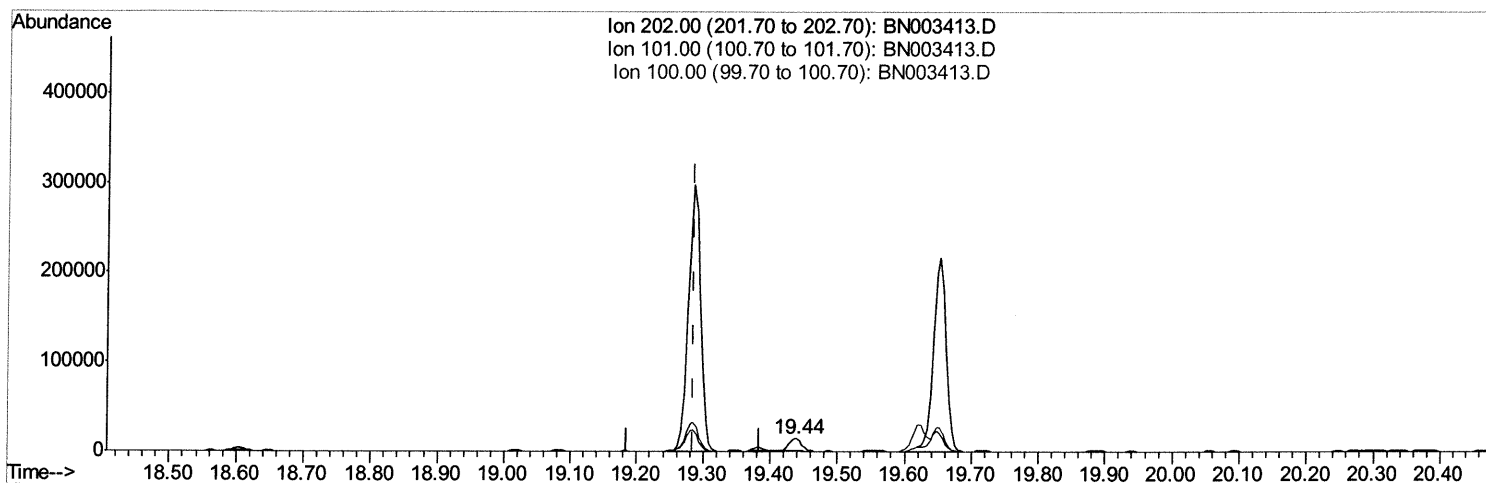
Data File : BN003413.D
Acq On : 02 Nov 2018 21:01
Operator : MJ/SJ
Sample : J5704-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40H9

Manual Integrations
APPROVED

Sohil
11/5/2018 4:09:21 PM

Quant Time: Nov 03 00:59:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 23:49:03 2018
Response via : Initial Calibration



TIC: BN003413.D

(15) Fluoranthene (C)

19.438min (+0.153) 0.09ng/ul

response 18490

Ion	Exp%	Act%
202.00	100	100
101.00	10.70	13.19
100.00	8.00	8.76
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN110218\
Quantitation Report (Qedit)

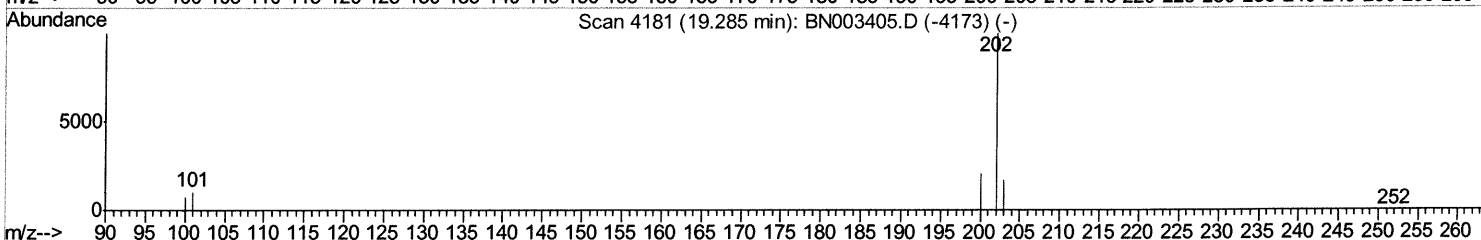
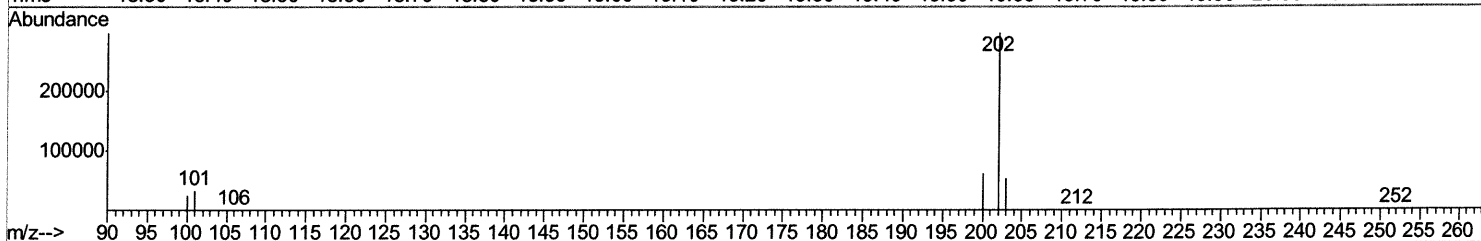
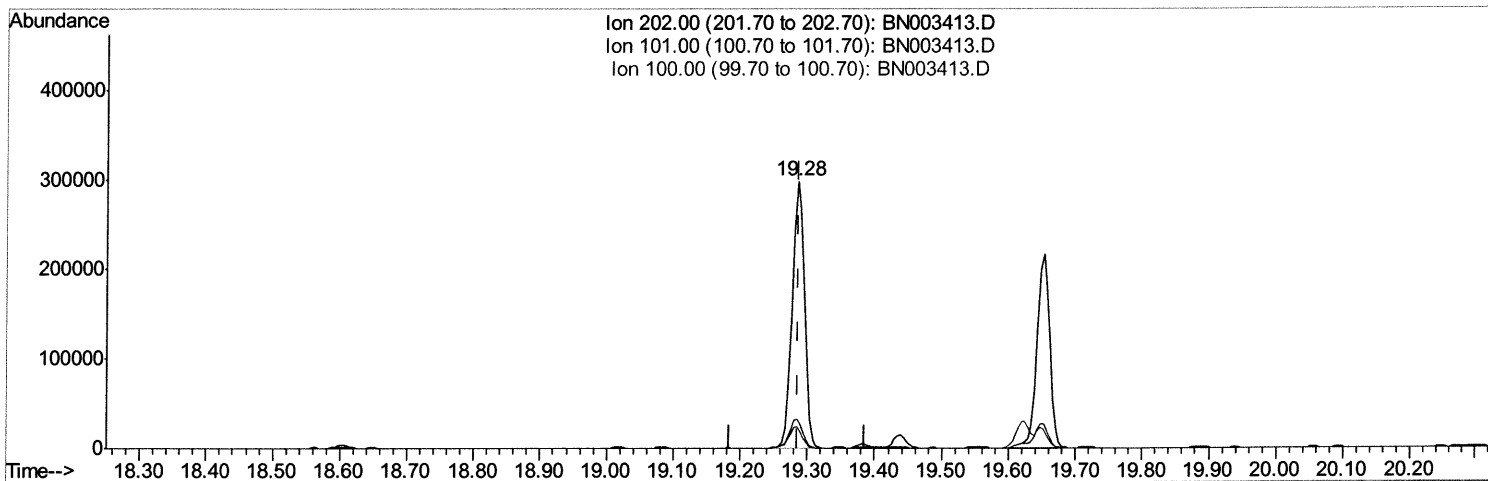
Data File : BN003413.D
Acq On : 02 Nov 2018 21:01
Operator : MJ/SJ
Sample : J5704-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40H9

Manual Integrations
APPROVED

Sohil
11/5/2018 4:09:21 PM

Quant Time: Nov 03 00:59:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 23:49:03 2018
Response via : Initial Calibration



TIC: BN003413.D

(15) Fluoranthene (C)

19.285min (-0.001) 1.83ng/ul m > SJ 11/12/18

response 382186

Ion	Exp%	Act%
202.00	100	100
101.00	10.70	11.04
100.00	8.00	8.20
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN110218\
Quantitation Report (Qedit)

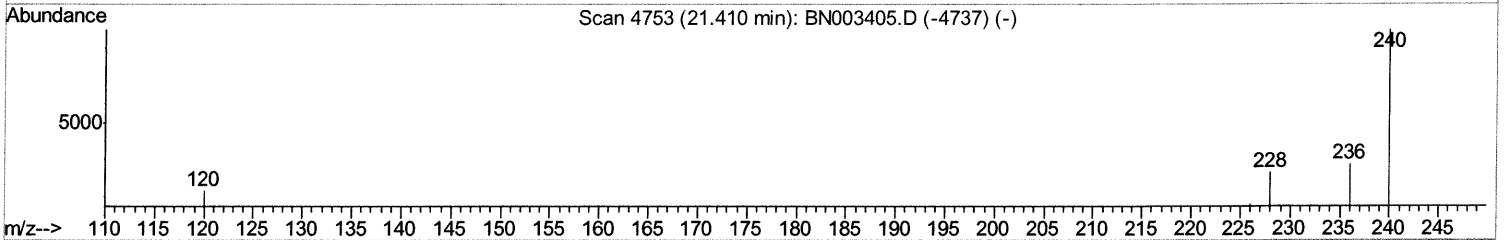
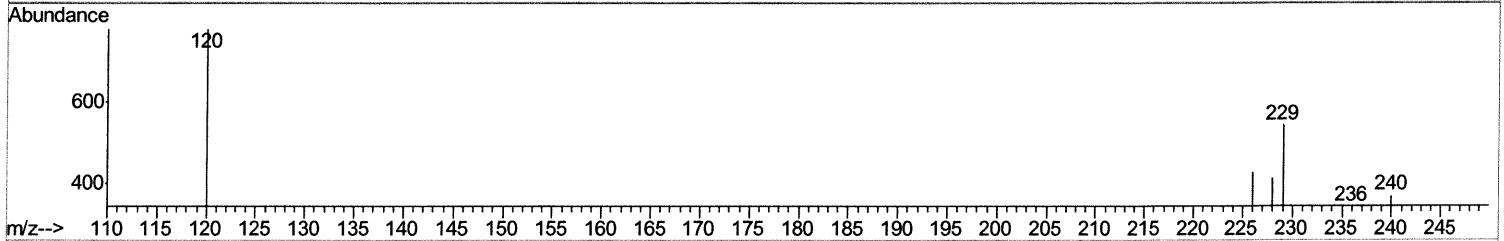
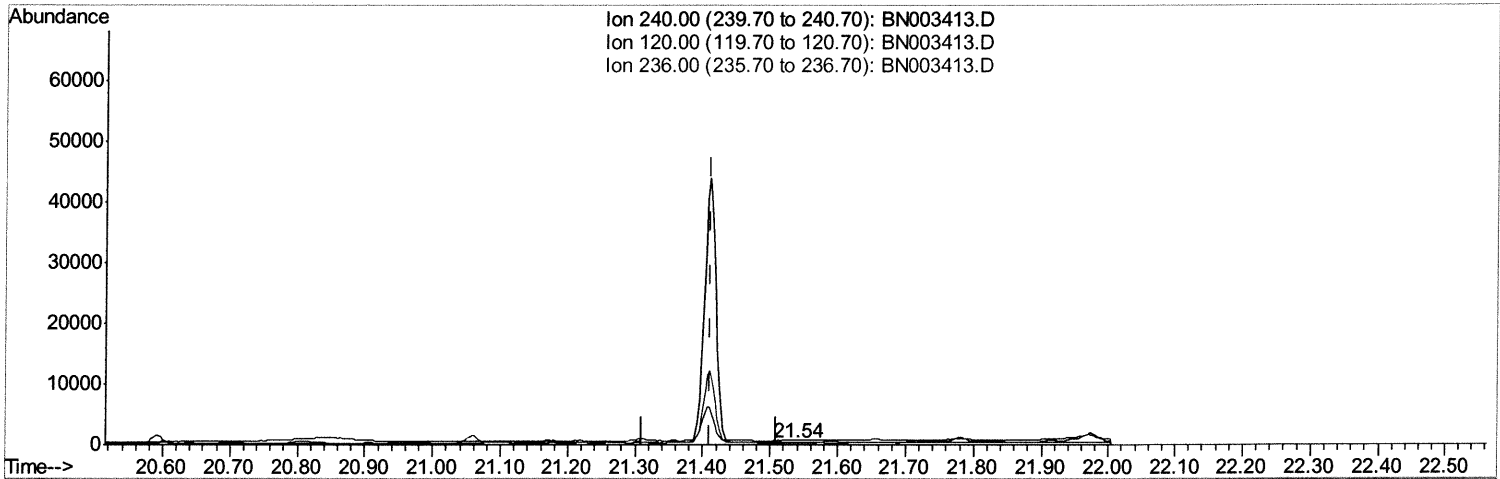
Data File : BN003413.D
Acq On : 02 Nov 2018 21:01
Operator : MJ/SJ
Sample : J5704-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40H9

Manual Integrations
APPROVED

Sohil
11/5/2018 4:09:21 PM

Quant Time: Nov 03 00:59:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 23:49:03 2018
Response via : Initial Calibration



TIC: BN003413.D

(16) Chrysene-d12 (I)

21.538min (+0.128) 0.40ng/ul

response 122

Ion	Exp%	Act%
240.00	100	100
120.00	13.80	212.26#
236.00	27.60	93.19#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN110218\
Quantitation Report (Qedit)

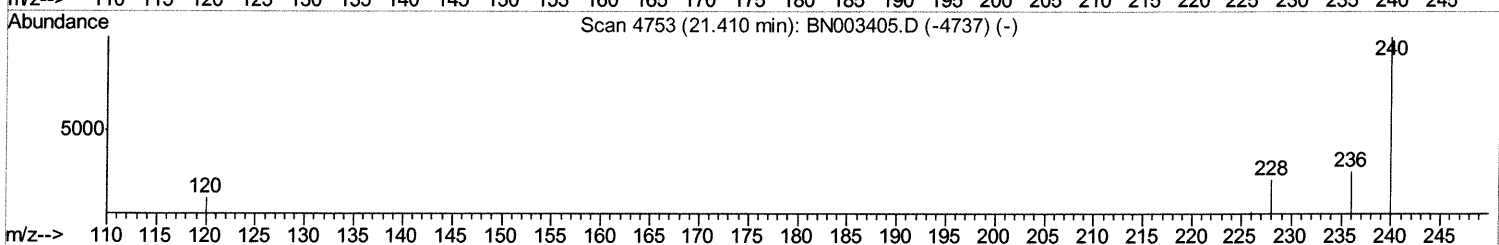
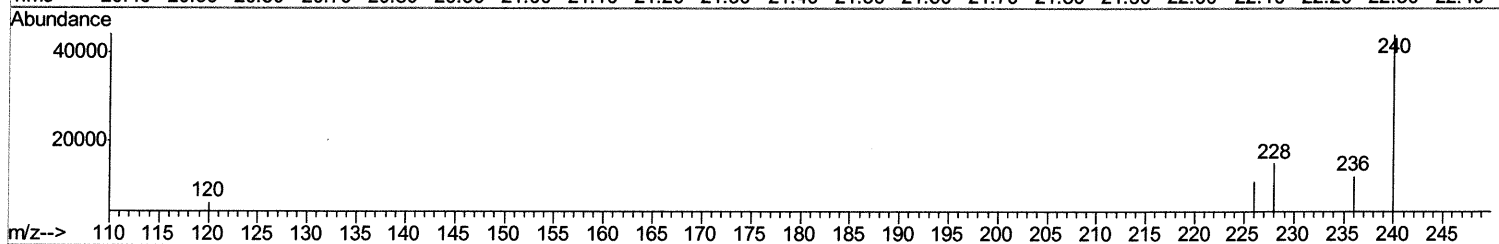
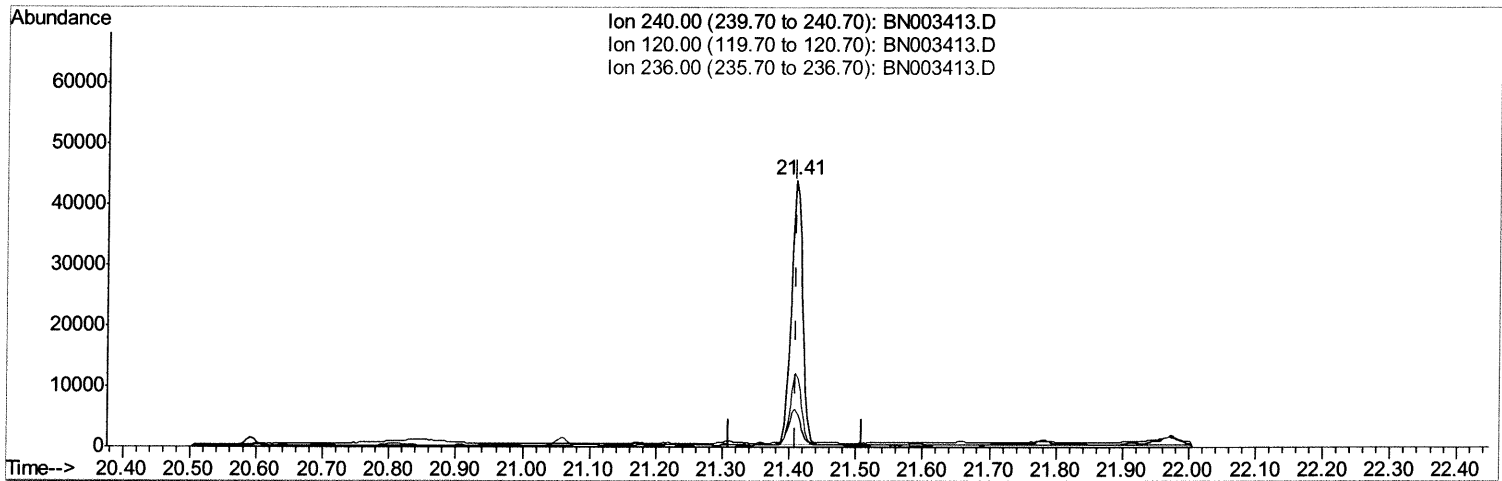
Data File : BN003413.D
Acq On : 02 Nov 2018 21:01
Operator : MJ/SJ
Sample : J5704-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
A40H9

Manual Integrations
APPROVED

Sohil
11/5/2018 4:09:21 PM

Quant Time: Nov 03 00:59:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 23:49:03 2018
Response via : Initial Calibration



TIC: BN003413.D

(16) Chrysene-d12 (I)

21.410min (-0.001) 0.40ng/ul m> SJ 11/12/18

response 51950

Ion	Exp%	Act%
240.00	100	100
120.00	13.80	14.20
236.00	27.60	27.83
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN110218\
Quantitation Report (Qedit)

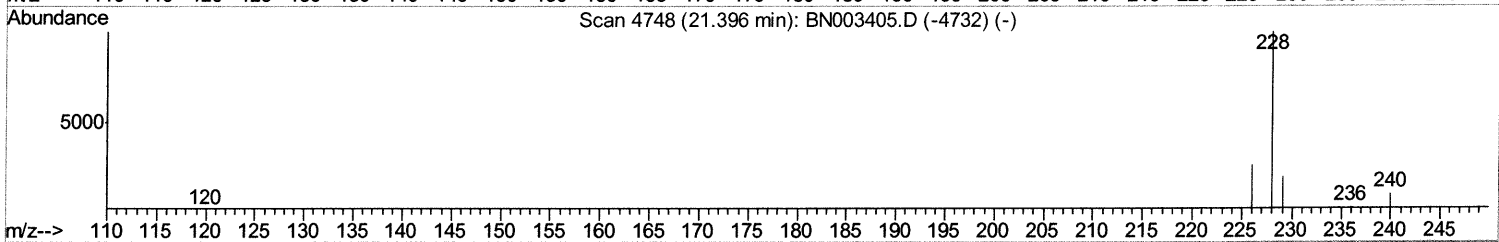
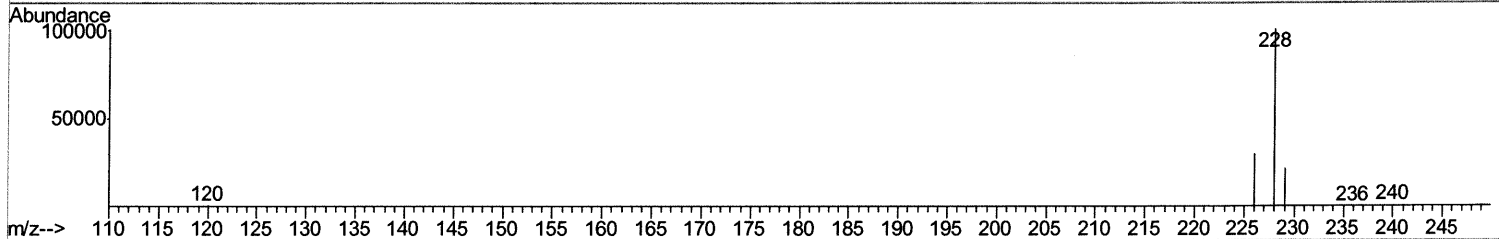
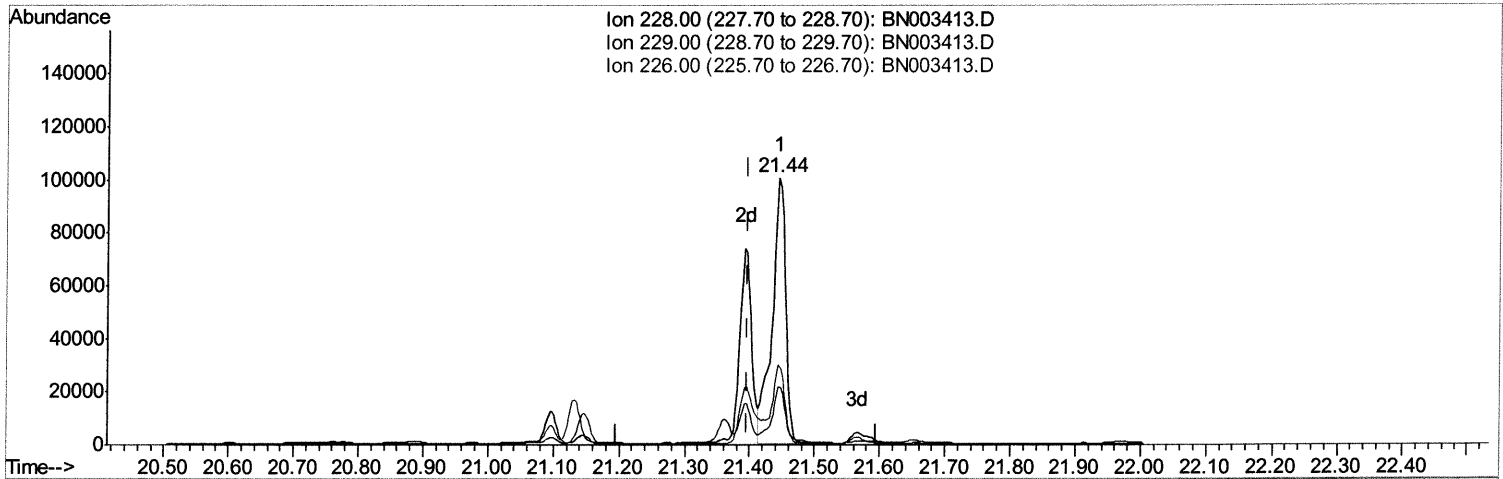
Data File : BN003413.D
Acq On : 02 Nov 2018 21:01
Operator : MJ/SJ
Sample : J5704-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40H9

Manual Integrations
APPROVED

Sohil
11/5/2018 4:09:21 PM

Quant Time: Nov 03 01:01:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 23:49:03 2018
Response via : Initial Calibration



TIC: BN003413.D

(18) Benzo(a)anthracene

21.445min (+0.049) 0.90ng/ul

response 146721

Ion	Exp%	Act%
228.00	100	100
229.00	19.40	21.80
226.00	26.90	29.99
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN110218\
Quantitation Report (Qedit)

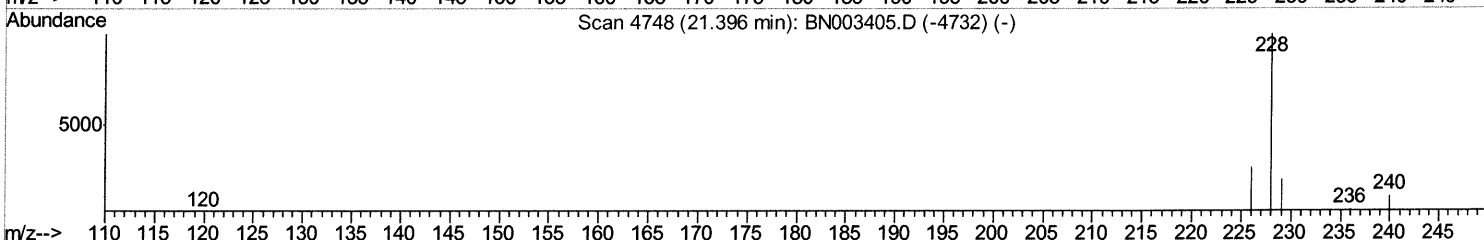
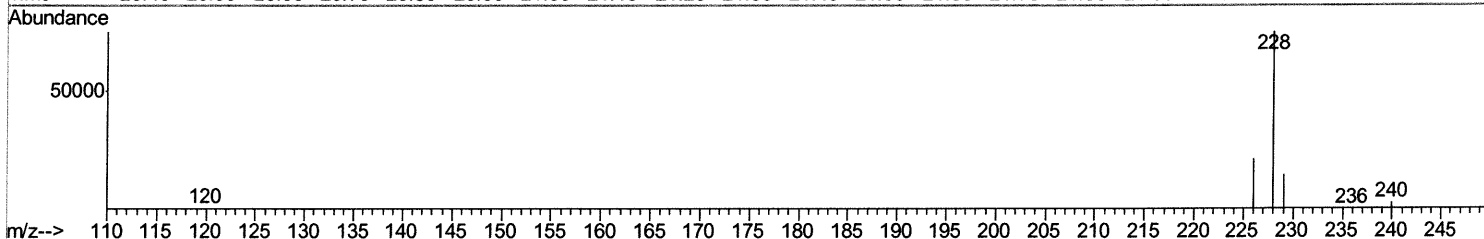
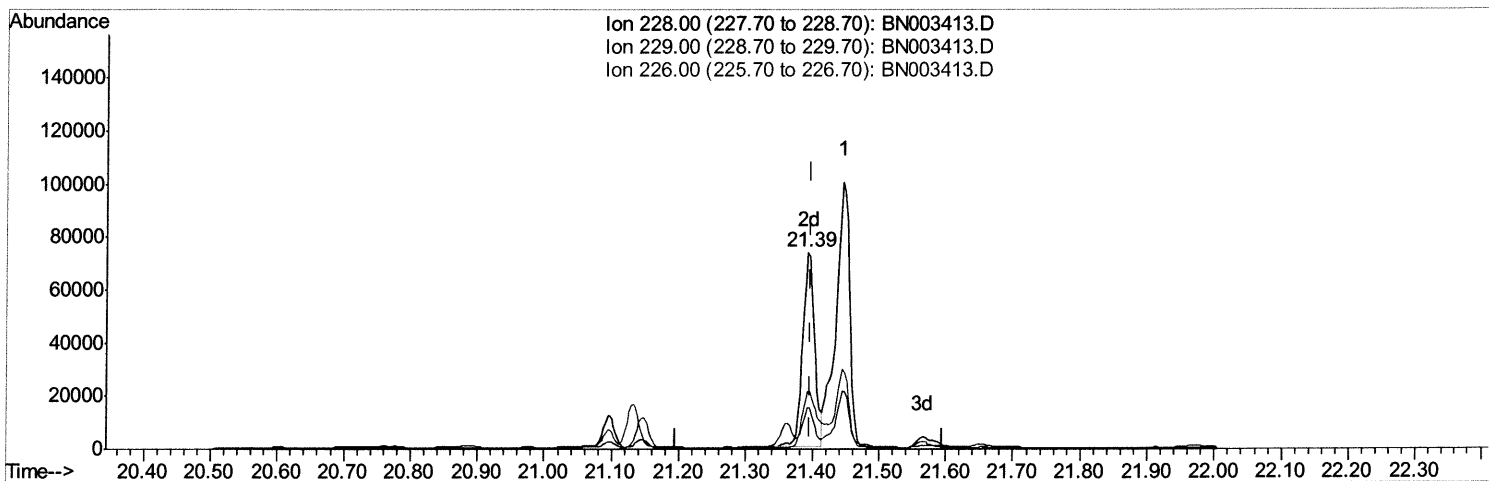
Data File : BN003413.D
Acq On : 02 Nov 2018 21:01
Operator : MJ/SJ
Sample : J5704-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40H9

Manual Integrations
APPROVED

Sohil
11/5/2018 4:09:21 PM

Quant Time: Nov 03 01:01:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 23:49:03 2018
Response via : Initial Calibration



TIC: BN003413.D

(18) Benzo(a)anthracene

21.392min (-0.003) 0.57ng/ul m) SJ 11/12/18

response 93234

Ion	Exp%	Act%
228.00	100	100
229.00	19.40	20.98
226.00	26.90	29.19
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN110218\
Quantitation Report (Qedit)

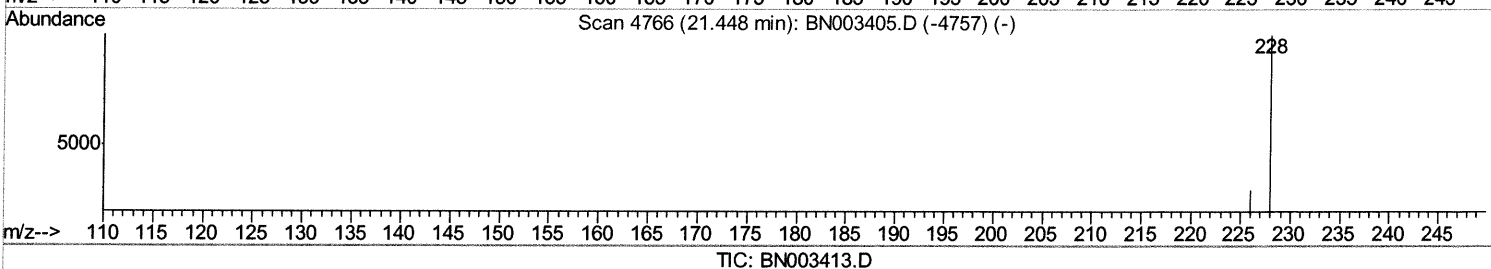
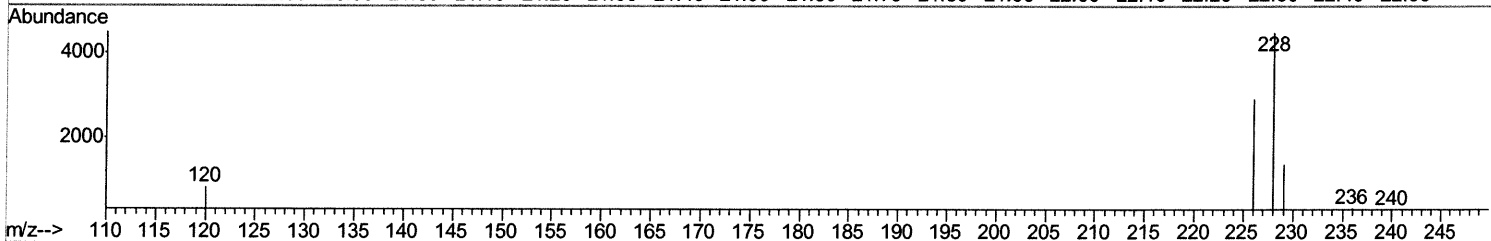
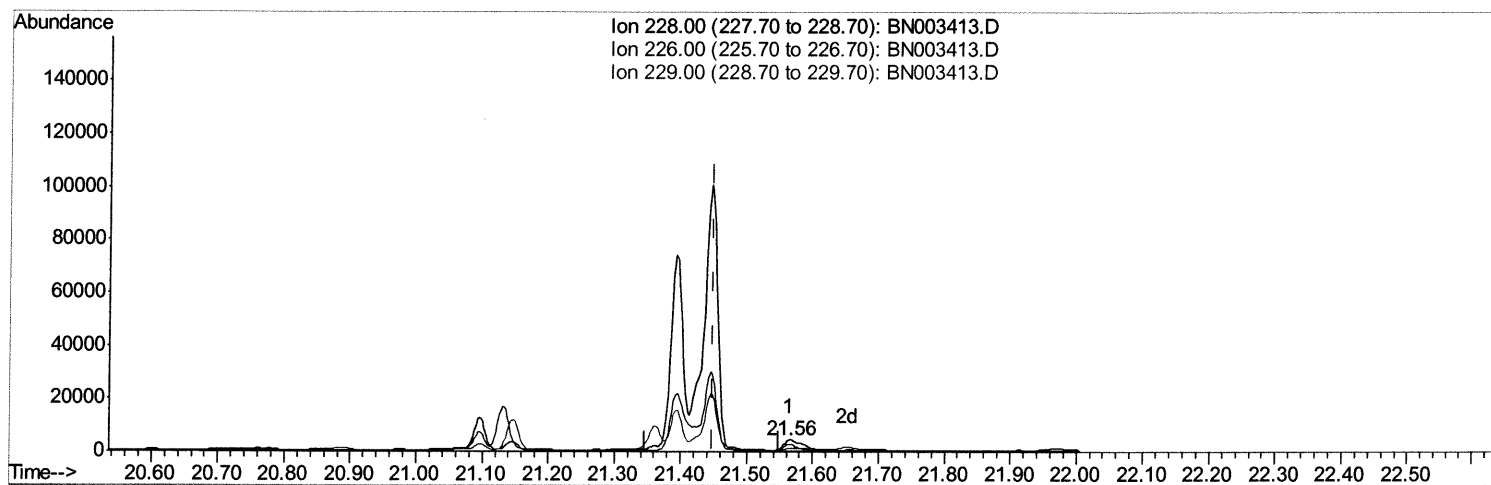
Data File : BN003413.D
Acq On : 02 Nov 2018 21:01
Operator : MJ/SJ
Sample : J5704-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40H9

Manual Integrations
APPROVED

Sohil
11/5/2018 4:09:21 PM

Quant Time: Nov 03 01:01:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 23:49:03 2018
Response via : Initial Calibration



TIC: BN003413.D

(19) Chrysene

21.564min (+0.116) 0.04ng/ul

response 8184

Ion	Exp%	Act%
228.00	100	100
226.00	29.70	64.59#
229.00	19.40	30.45#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN110218\
Quantitation Report (Qedit)

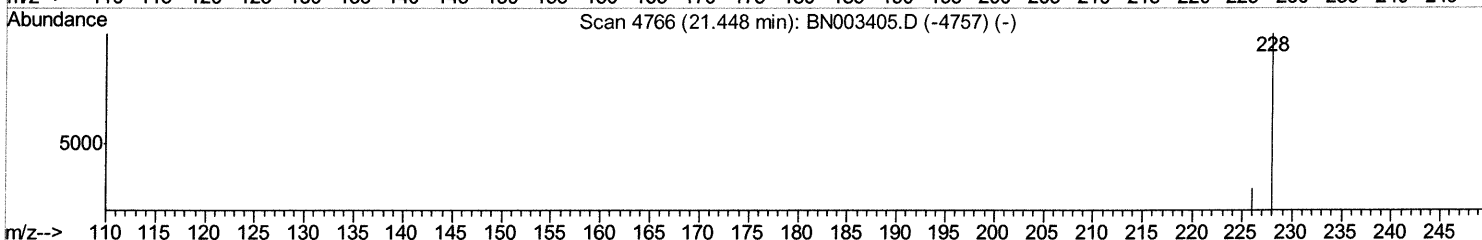
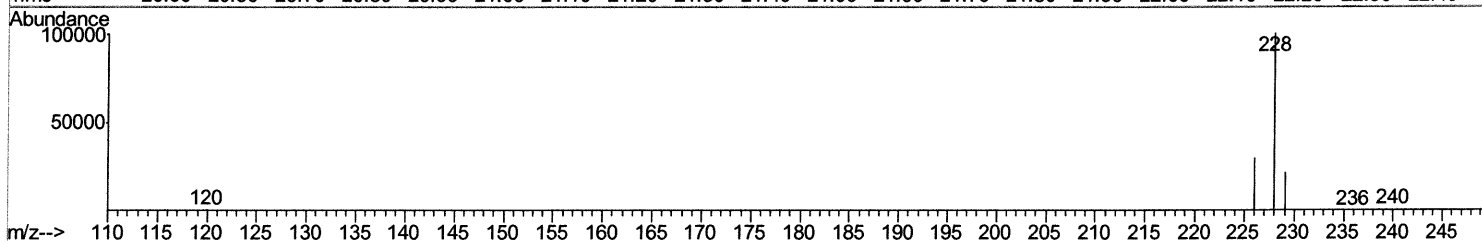
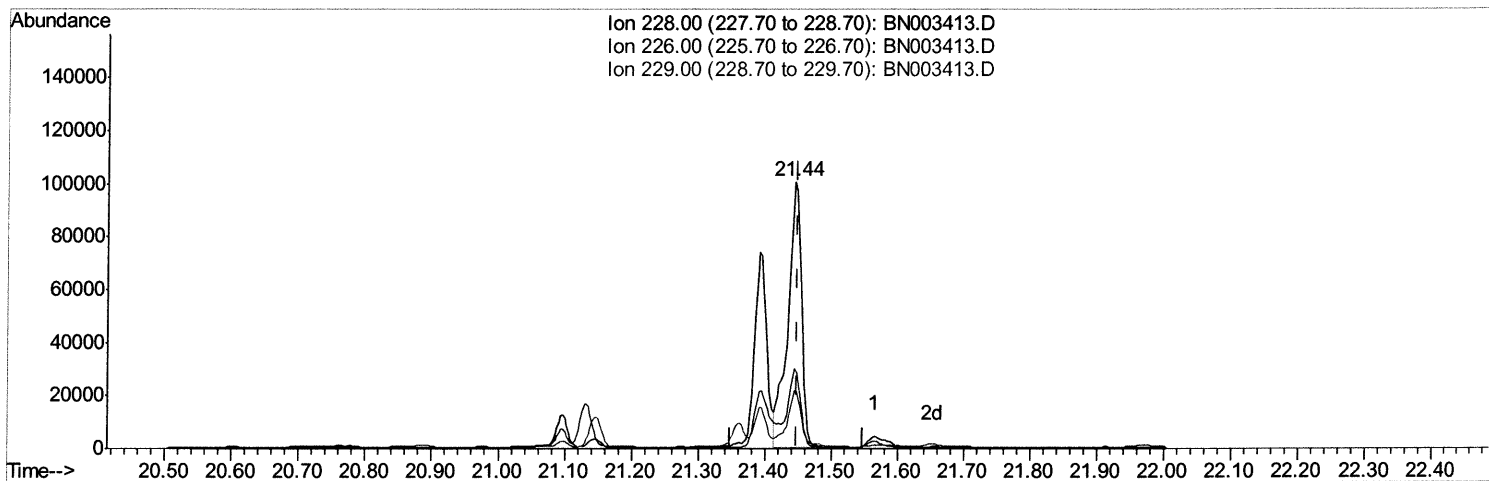
Data File : BN003413.D
Acq On : 02 Nov 2018 21:01
Operator : MJ/SJ
Sample : J5704-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40H9

Manual Integrations
APPROVED

Sohil
11/5/2018 4:09:21 PM

Quant Time: Nov 03 01:01:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 23:49:03 2018
Response via : Initial Calibration



TIC: BN003413.D

(19) Chrysene

21.445min (-0.003) 0.79ng/ul m > SJ 11/12/18

response 146328

Ion	Exp%	Act%
228.00	100	100
226.00	29.70	29.99
229.00	19.40	21.80
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN110218\
Quantitation Report (Qedit)

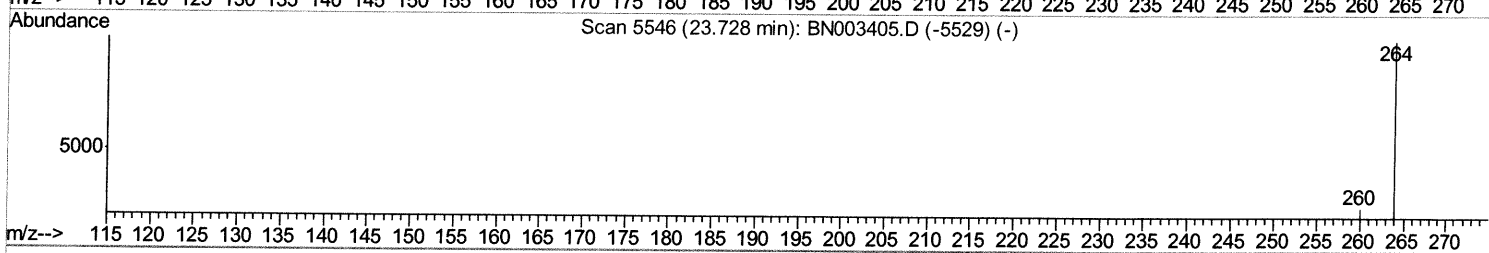
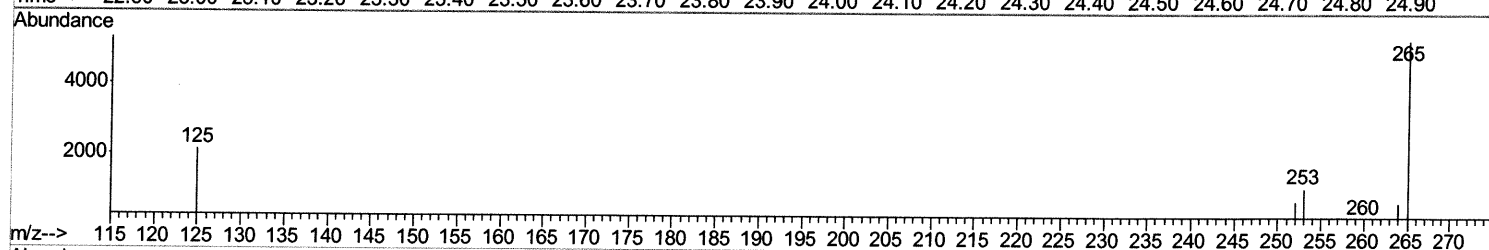
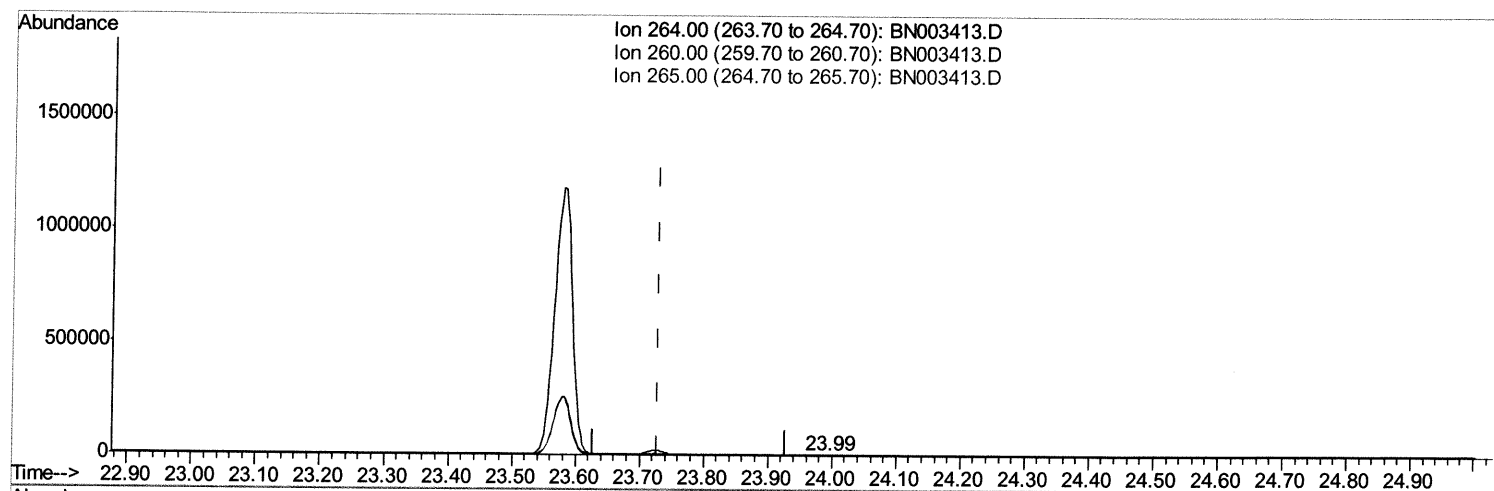
Data File : BN003413.D
Acq On : 02 Nov 2018 21:01
Operator : MJ/SJ
Sample : J5704-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
A40H9

Manual Integrations
APPROVED

Sohil
11/5/2018 4:09:21 PM

Quant Time: Nov 03 01:01:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 23:49:03 2018
Response via : Initial Calibration



TIC: BN003413.D

(20) Perylene-d12 (I)

23.994min (+0.265) 0.40ng/ul

response 749

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	40.88#
265.00	33.70	772.70#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN110218\
Quantitation Report (Qedit)

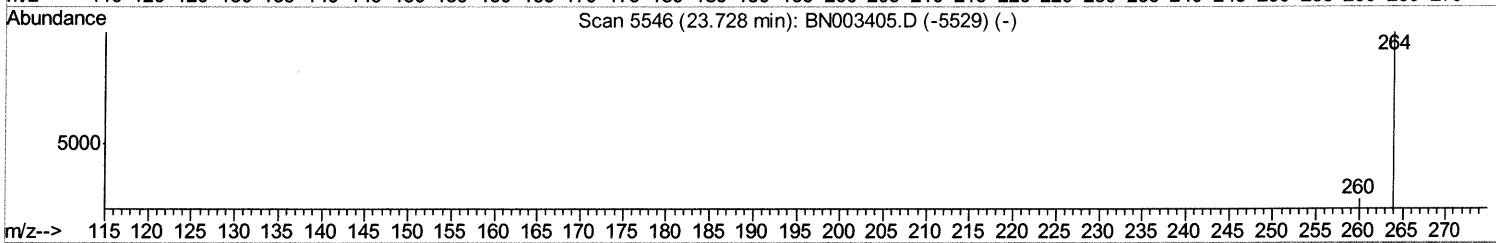
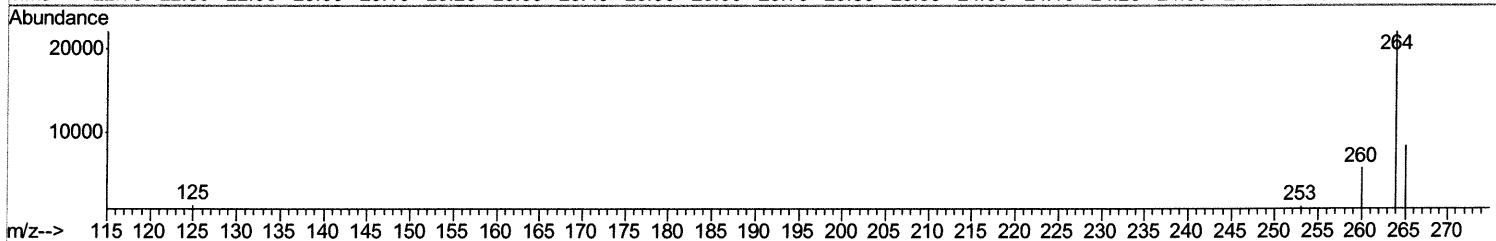
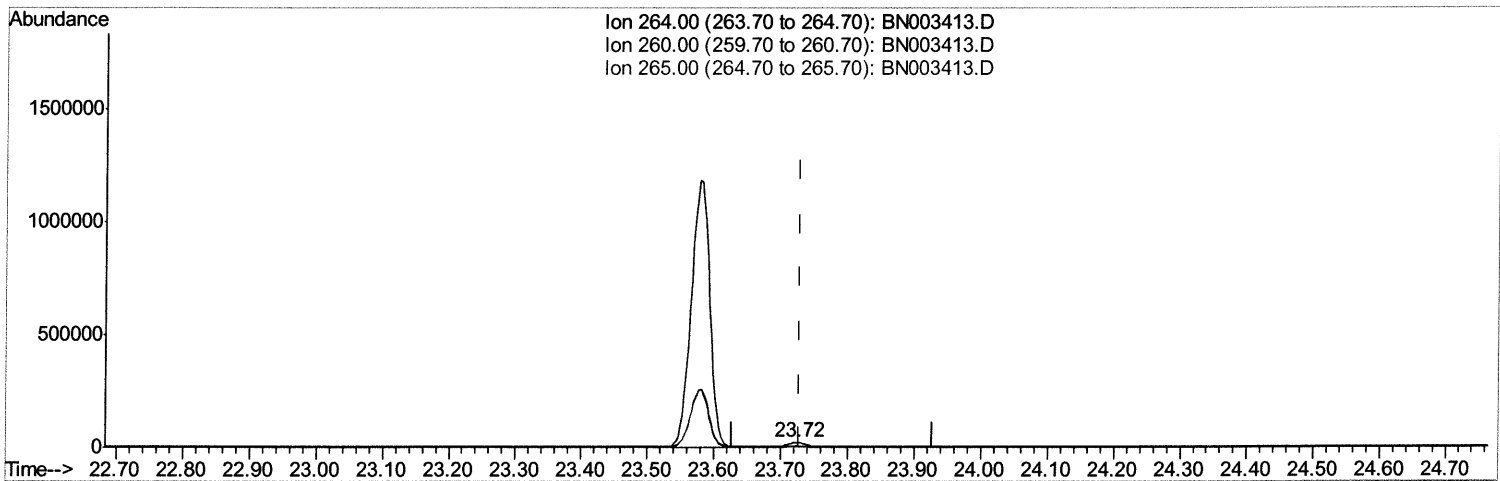
Data File : BN003413.D
Acq On : 02 Nov 2018 21:01
Operator : MJ/SJ
Sample : J5704-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40H9

Manual Integrations
APPROVED

Sohil
11/5/2018 4:09:21 PM

Quant Time: Nov 03 01:01:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 23:49:03 2018
Response via : Initial Calibration



TIC: BN003413.D

(20) Perylene-d12 (I)

23.725min (-0.003) 0.40ng/ul m) SJ 11/12/18

response 40208

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	26.01
265.00	33.70	37.83
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN110218\
Quantitation Report (Qedit)

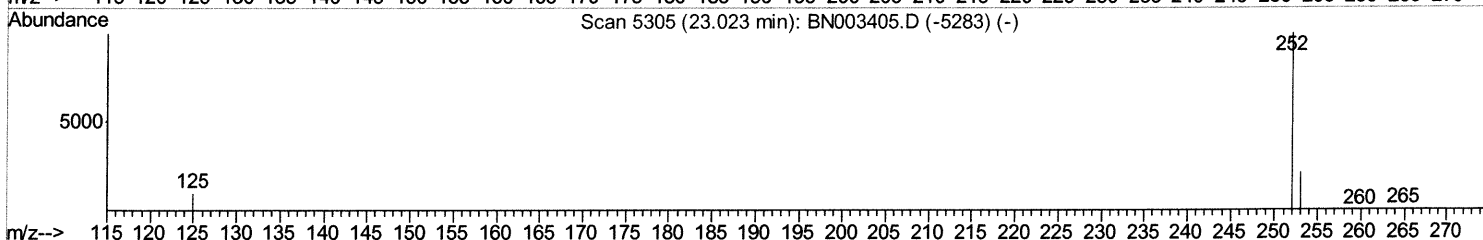
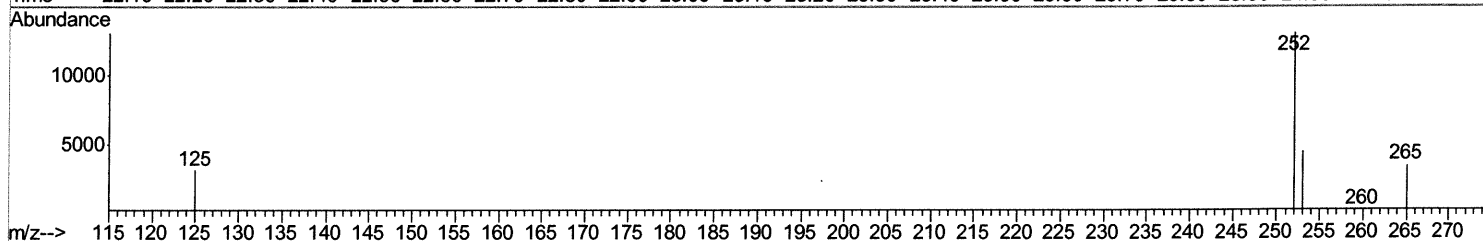
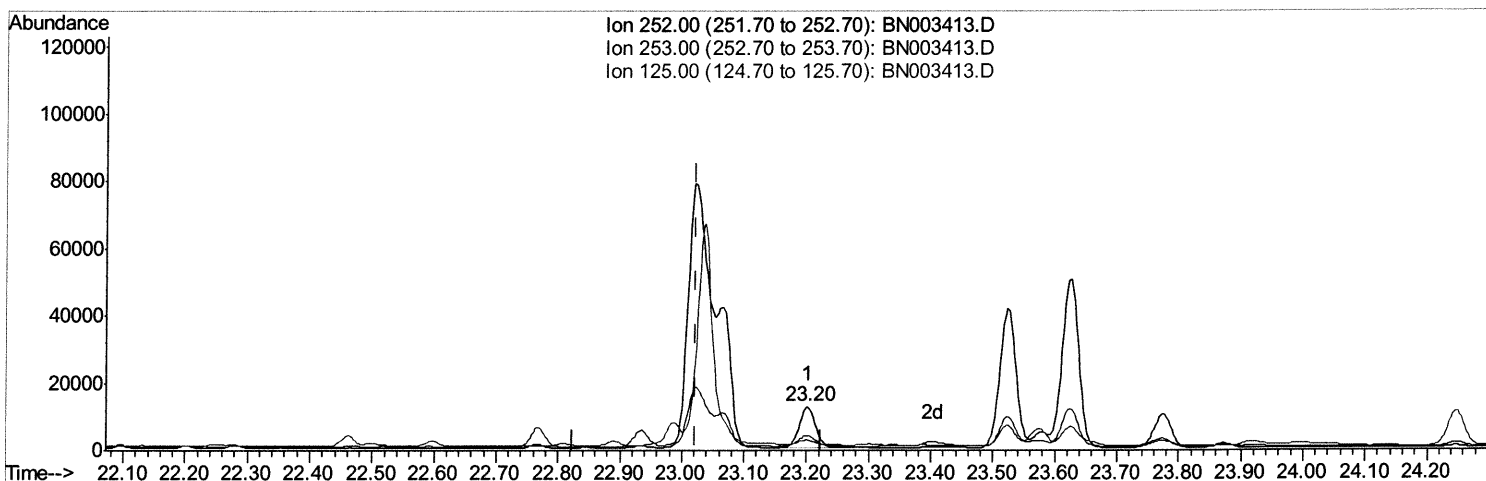
Data File : BN003413.D
Acq On : 02 Nov 2018 21:01
Operator : MJ/SJ
Sample : J5704-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40H9

Manual Integrations
APPROVED

Sohil
11/5/2018 4:09:21 PM

Quant Time: Nov 03 01:02:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 23:49:03 2018
Response via : Initial Calibration



TIC: BN003413.D

(21) Benzo(b)fluoranthene

23.201min (+0.178) 0.13ng/ul

response 23047

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	34.00
125.00	10.90	24.11#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN110218\
Quantitation Report (Qedit)

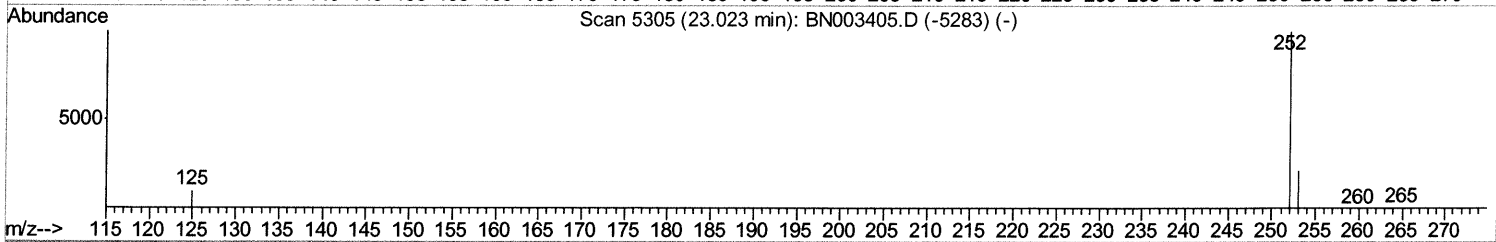
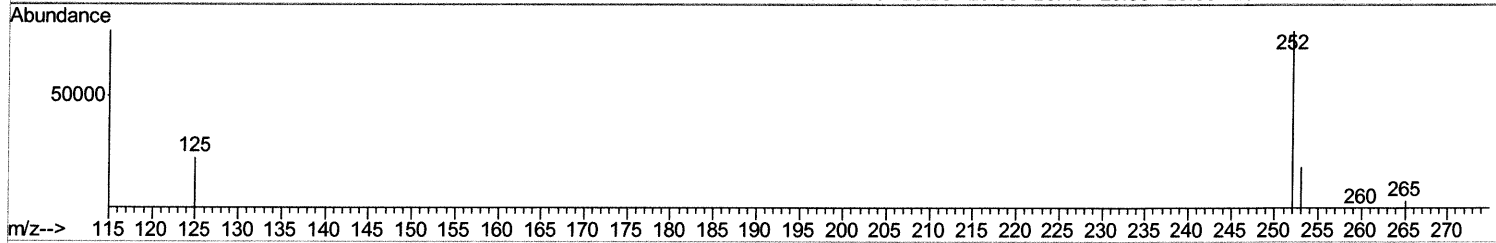
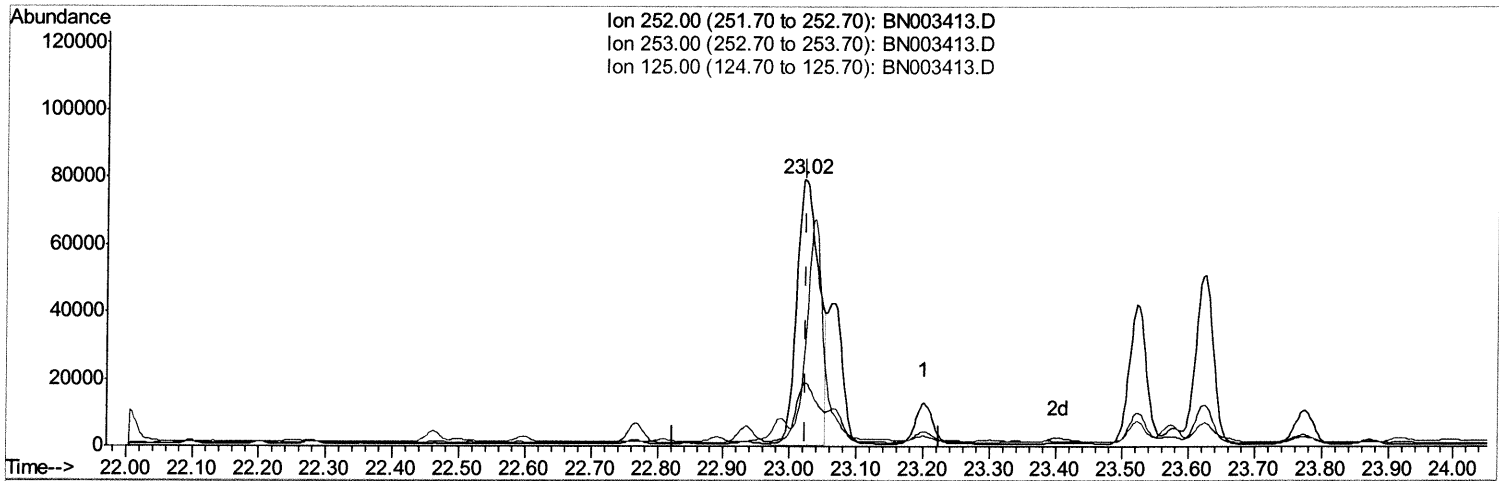
Data File : BN003413.D
Acq On : 02 Nov 2018 21:01
Operator : MJ/SJ
Sample : J5704-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40H9

Manual Integrations
APPROVED

Sohil
11/5/2018 4:09:21 PM

Quant Time: Nov 03 01:02:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 23:49:03 2018
Response via : Initial Calibration



TIC: BN003413.D

(21) Benzo(b)fluoranthene

23.020min (-0.003) 1.04ng/ul m> SJ 11/12/18

response 180117

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	23.48
125.00	10.90	28.47#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN110218\
Quantitation Report (Qedit)

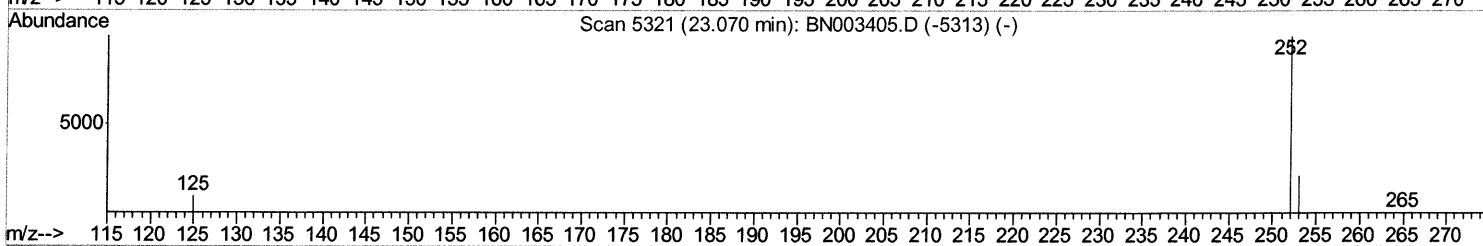
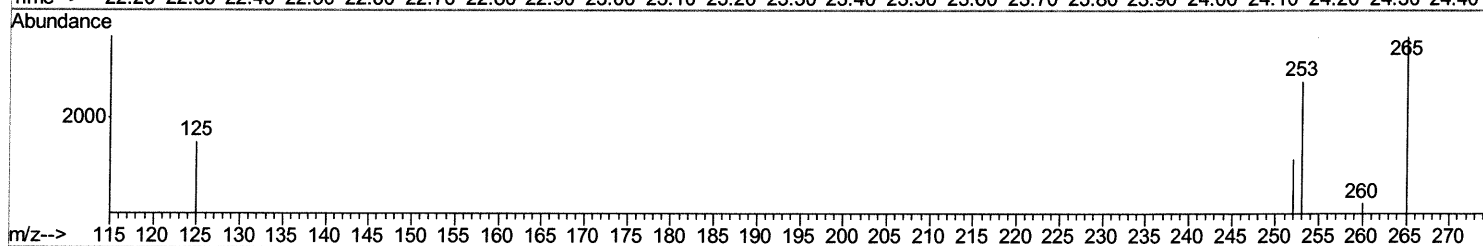
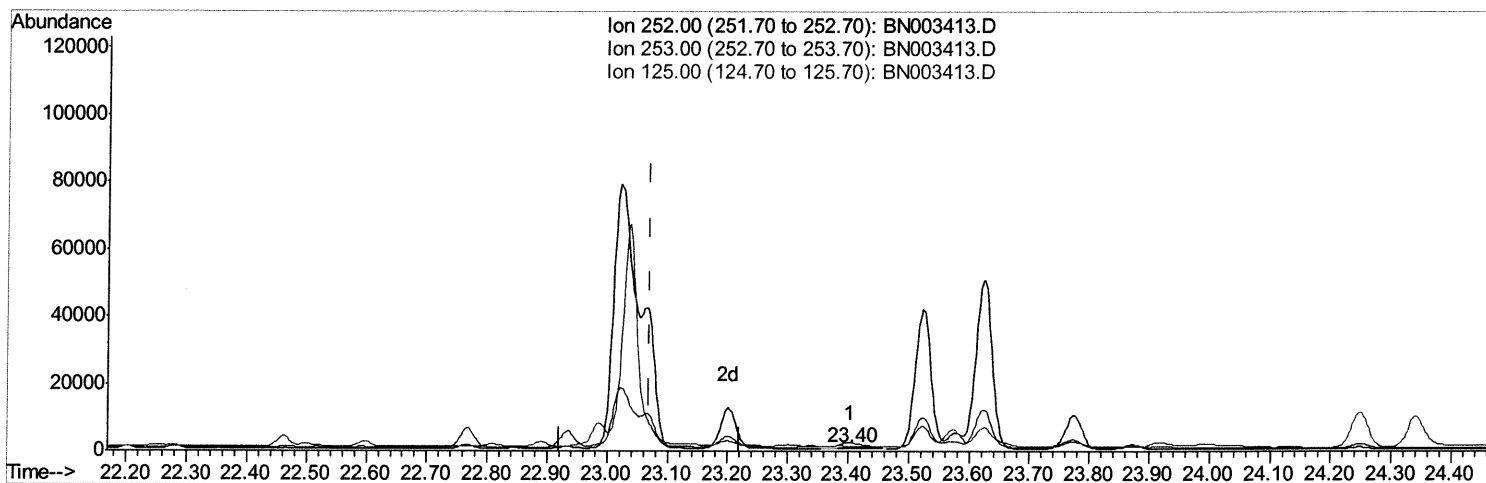
Data File : BN003413.D
Acq On : 02 Nov 2018 21:01
Operator : MJ/SJ
Sample : J5704-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40H9

Manual Integrations
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Sohil
11/5/2018 4:09:21 PM

Quant Time: Nov 03 01:02:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 23:49:03 2018
Response via : Initial Calibration



TIC: BN003413.D

(22) Benzo(k)fluoranthene

23.403min (+0.333) 0.01ng/ul

response 1537

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	214.94#
125.00	10.80	125.54#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN110218\
Quantitation Report (Qedit)

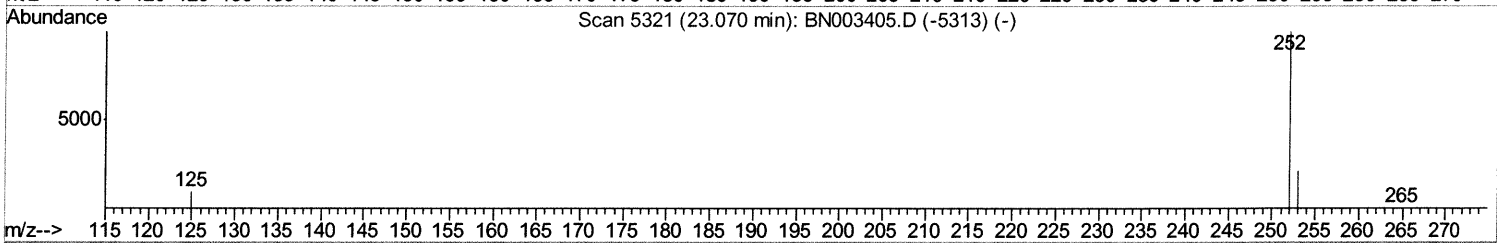
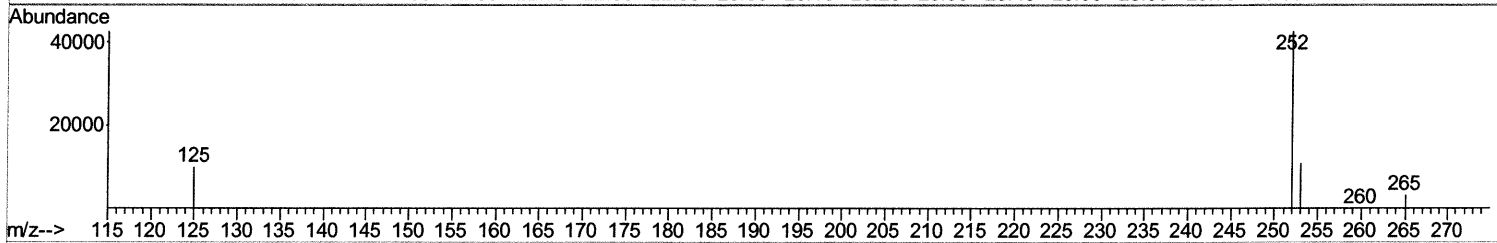
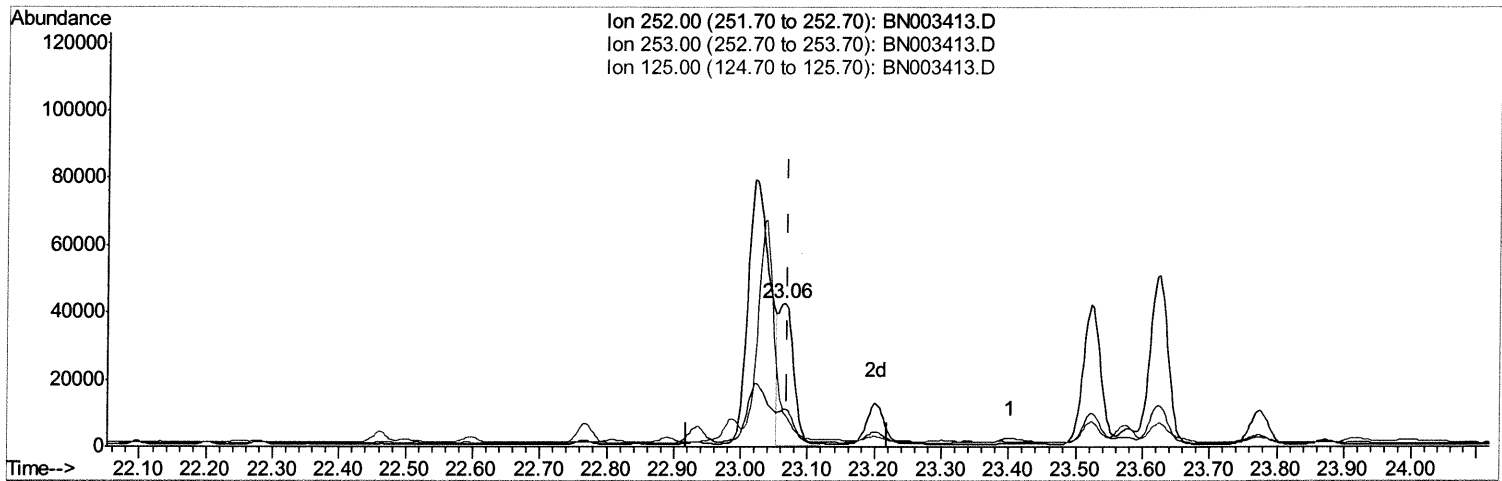
Data File : BN003413.D
Acq On : 02 Nov 2018 21:01
Operator : MJ/SJ
Sample : J5704-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40H9

Manual Integrations
APPROVED

Sohil
11/5/2018 4:09:21 PM

Quant Time: Nov 03 01:02:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 23:49:03 2018
Response via : Initial Calibration



TIC: BN003413.D

(22) Benzo(k)fluoranthene

23.064min (-0.006) 0.41ng/ul m > SD 11/12/18

response 68805

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	26.12
125.00	10.80	23.82#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN110218\
Quantitation Report (Qedit)

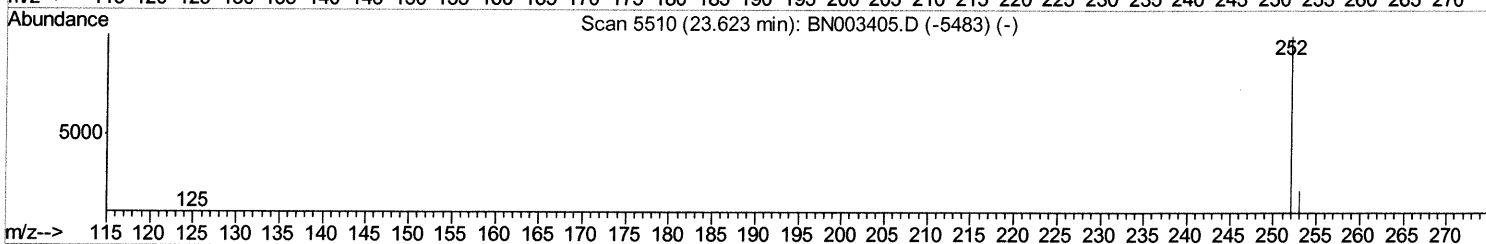
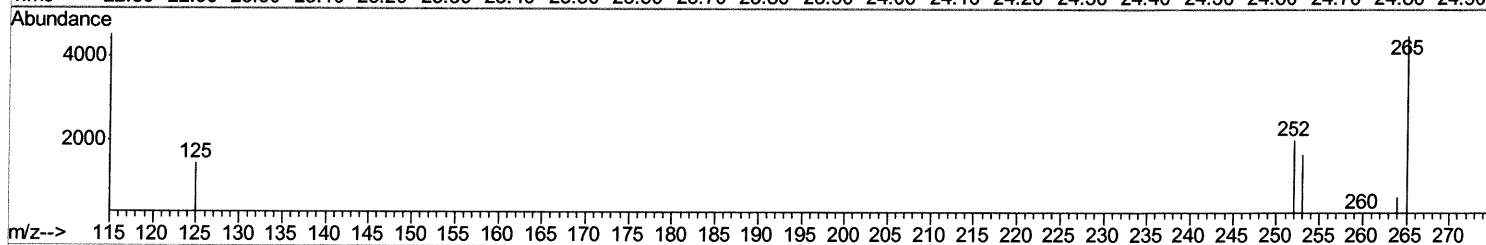
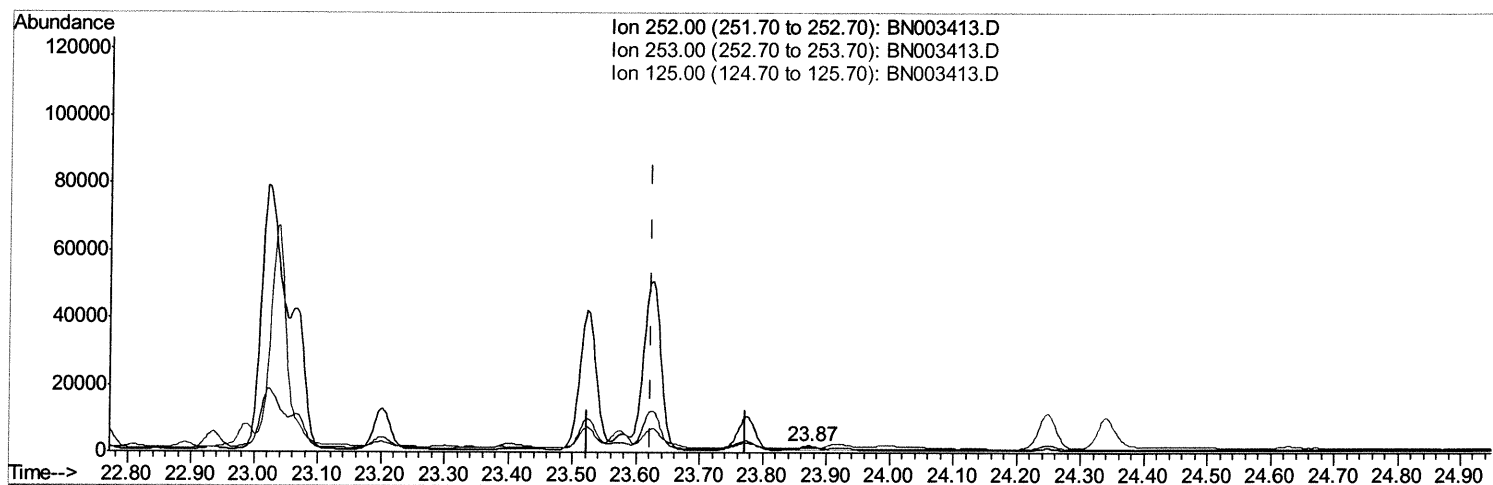
Data File : BN003413.D
Acq On : 02 Nov 2018 21:01
Operator : MJ/SJ
Sample : J5704-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40H9

Manual Integrations
APPROVED

Sohil
11/5/2018 4:09:21 PM

Quant Time: Nov 03 01:02:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 23:49:03 2018
Response via : Initial Calibration



TIC: BN003413.D

(23) Benzo(a)pyrene (C)

23.874min (+0.251) 0.02ng/ul

response 2701

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	83.17#
125.00	12.40	71.34#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN110218\
Quantitation Report (Qedit)

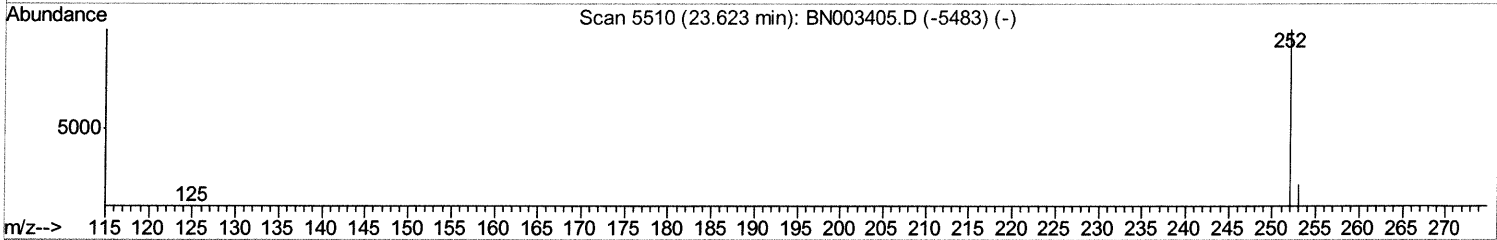
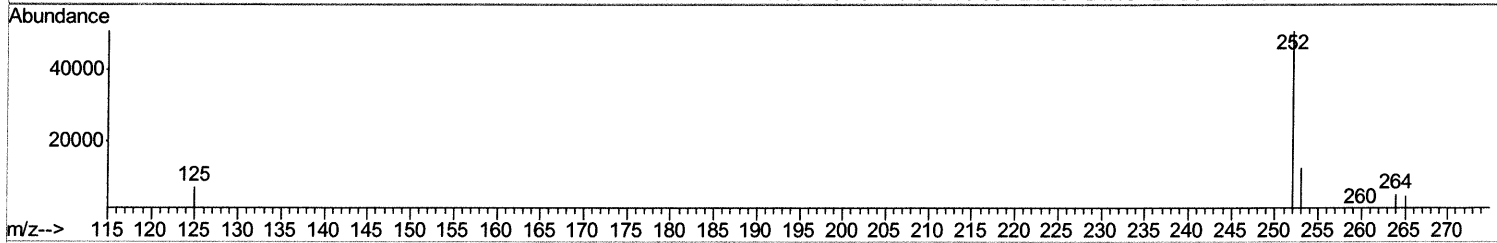
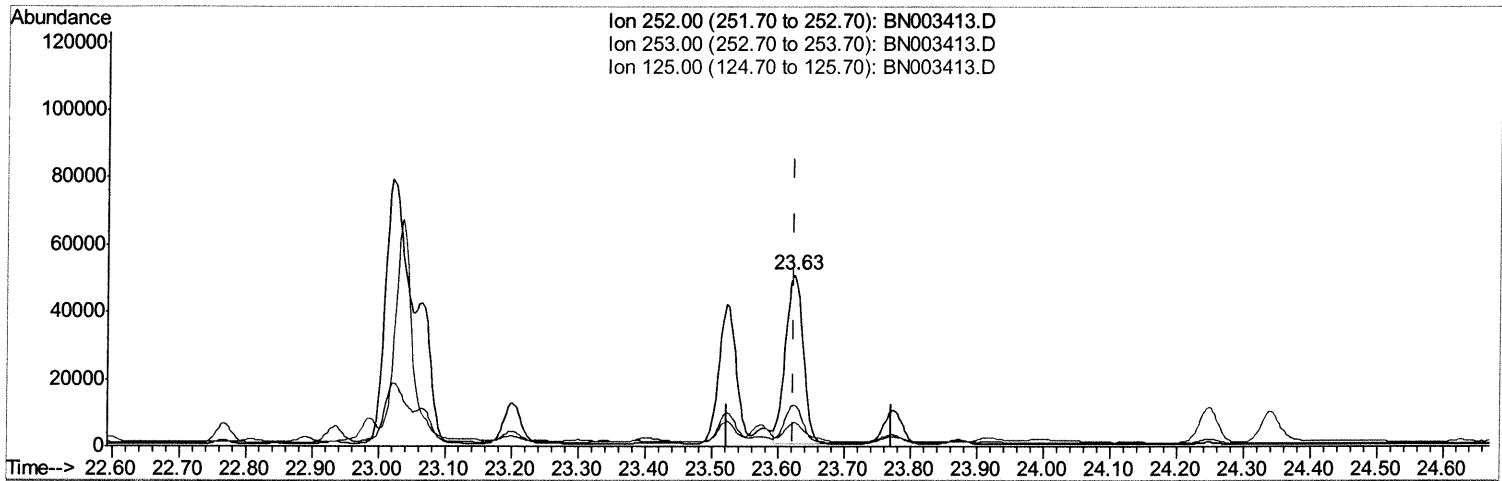
Data File : BN003413.D
Acq On : 02 Nov 2018 21:01
Operator : MJ/SJ
Sample : J5704-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40H9

Manual Integrations
APPROVED

Sohil
11/5/2018 4:09:21 PM

Quant Time: Nov 03 01:02:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 23:49:03 2018
Response via : Initial Calibration



TIC: BN003413.D

(23) Benzo(a)pyrene (C)

23.625min (+0.002) 0.65ng/ul m) SJ 11/12/18

response 94676

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	24.41
125.00	12.40	13.92
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN110218\
Quantitation Report (Qedit)

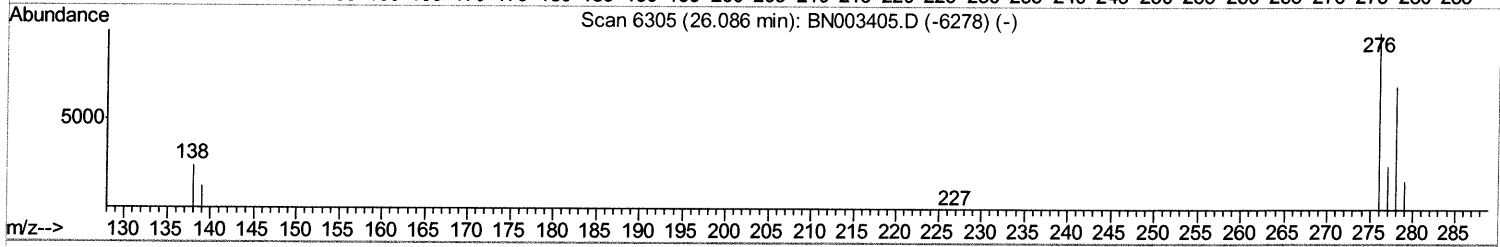
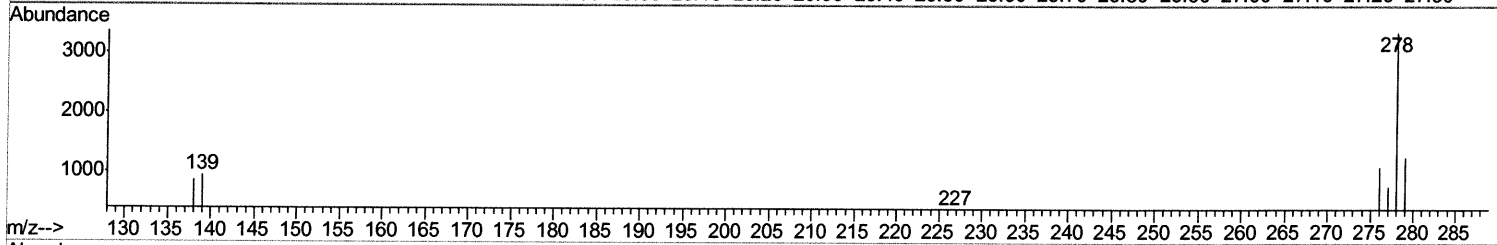
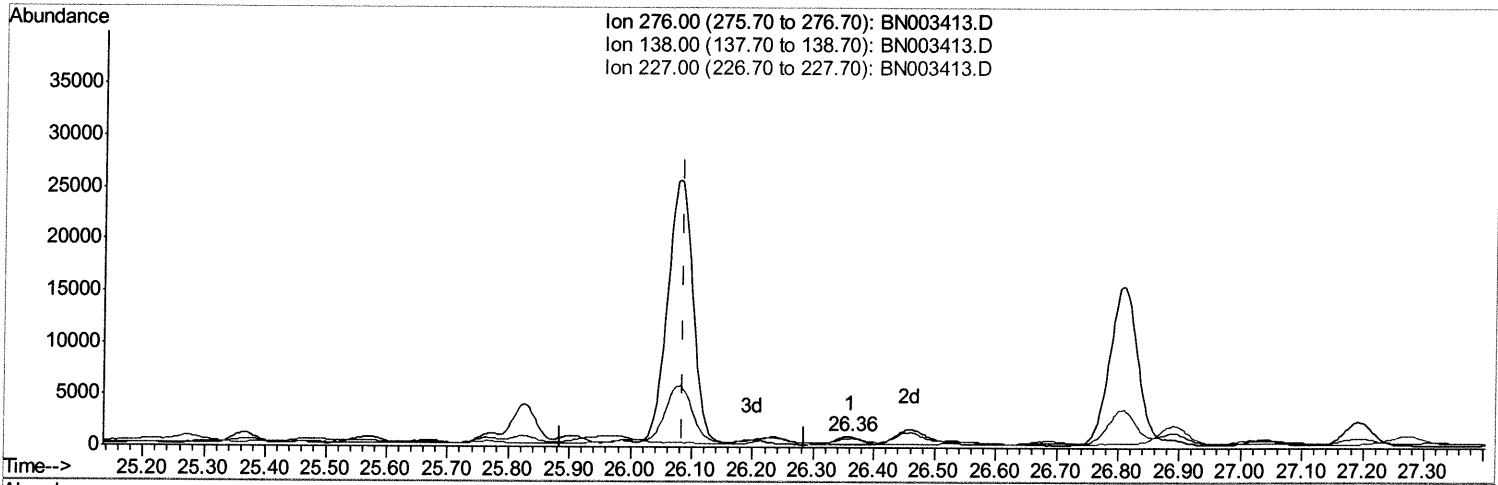
Data File : BN003413.D
Acq On : 02 Nov 2018 21:01
Operator : MJ/SJ
Sample : J5704-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40H9

Manual Integrations
APPROVED

Sohil
11/5/2018 4:09:21 PM

Quant Time: Nov 03 01:02:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 23:49:03 2018
Response via : Initial Calibration



TIC: BN003413.D

(24) Indeno(1,2,3-cd)pyrene

26.360min (+0.274) 0.02ng/ul

response 2454

Ion	Exp%	Act%
276.00	100	100
138.00	24.80	64.96#
227.00	0.20	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN110218\
Quantitation Report (Qedit)

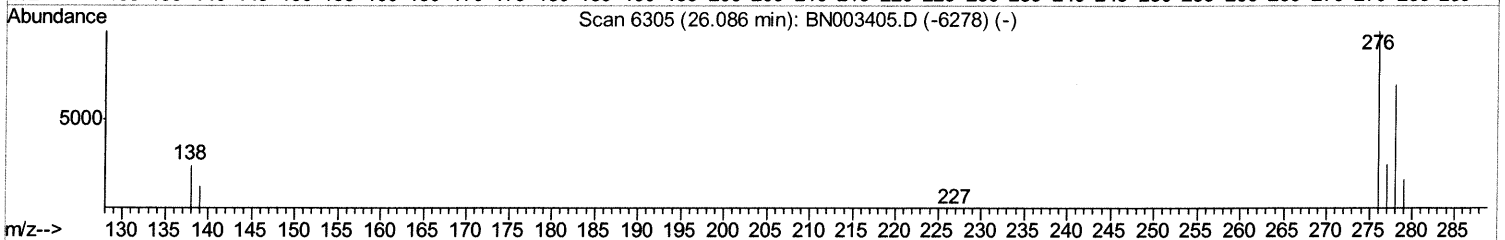
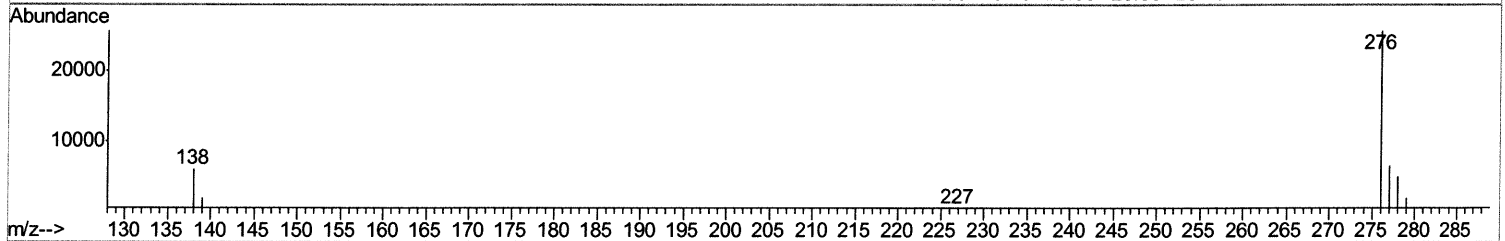
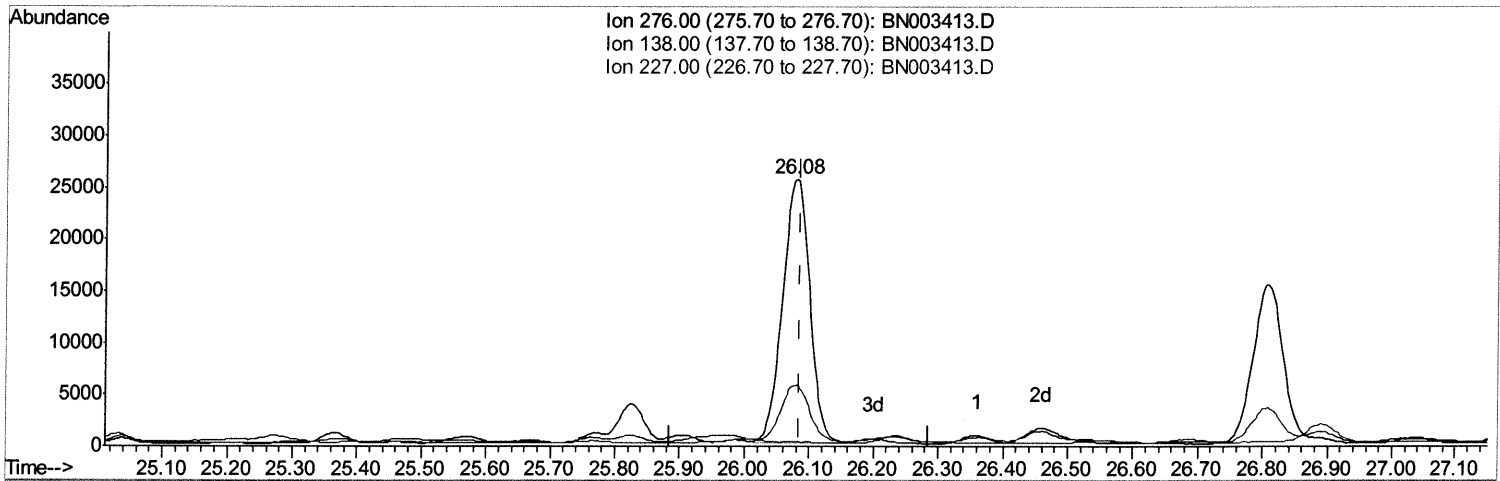
Data File : BN003413.D
Acq On : 02 Nov 2018 21:01
Operator : MJ/SJ
Sample : J5704-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40H9

Manual Integrations
APPROVED

Sohil
11/5/2018 4:09:21 PM

Quant Time: Nov 03 01:02:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 23:49:03 2018
Response via : Initial Calibration



TIC: BN003413.D

(24) Indeno(1,2,3-cd)pyrene

26.078min (-0.007) 0.48ng/ul m > SJ 11/12/18

response 73909

Ion	Exp%	Act%
276.00	100	100
138.00	24.80	2.16#
227.00	0.20	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN110218\
Quantitation Report (Qedit)

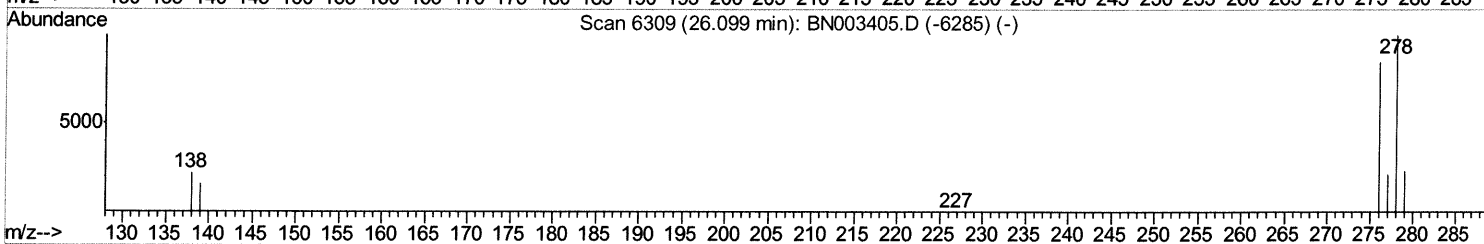
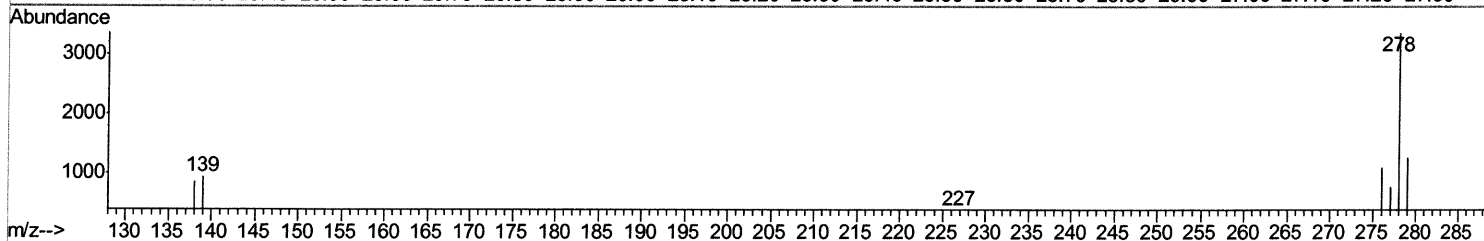
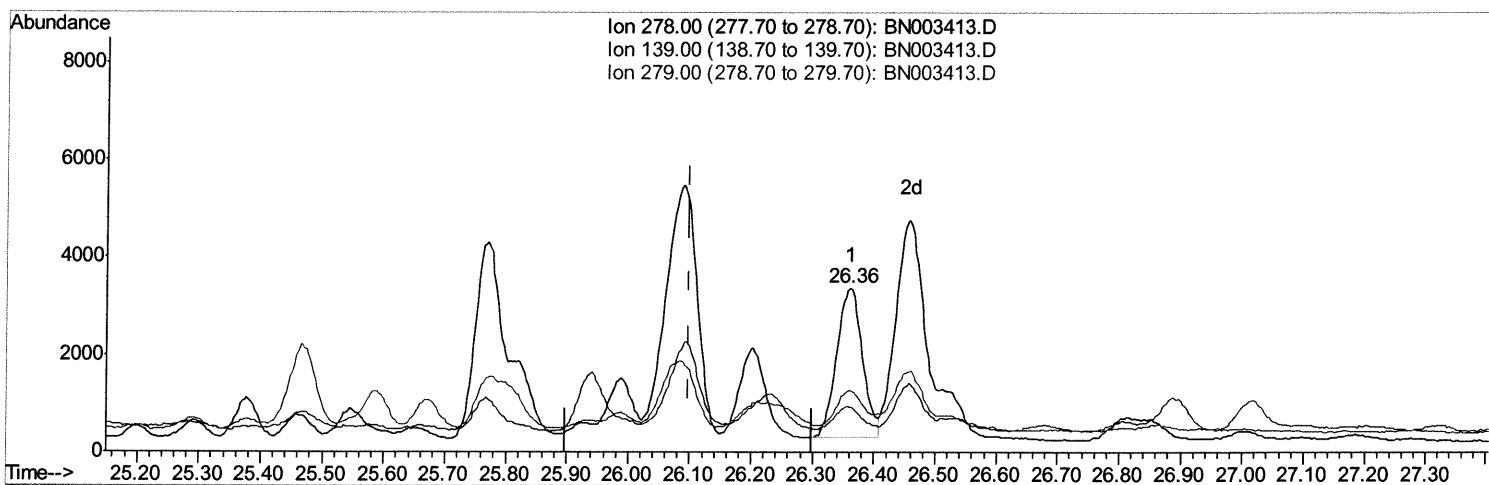
Data File : BN003413.D
Acq On : 02 Nov 2018 21:01
Operator : MJ/SJ
Sample : J5704-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40H9

Manual Integrations
APPROVED

Sohil
11/5/2018 4:09:21 PM

Quant Time: Nov 03 01:02:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 23:49:03 2018
Response via : Initial Calibration



TIC: BN003413.D

(25) Dibenzo(a,h)anthracene

26.360min (+0.261) 0.07ng/ul

response 9051

Ion	Exp%	Act%
278.00	100	100
139.00	16.40	27.59#
279.00	24.40	37.57#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN110218\
Quantitation Report (Qedit)

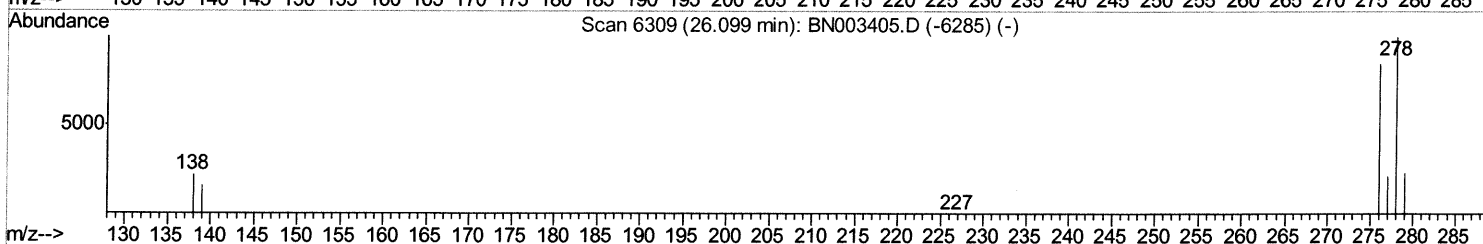
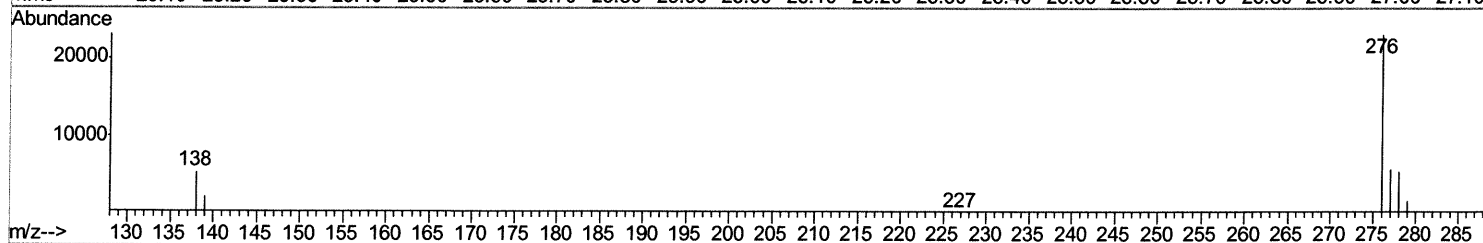
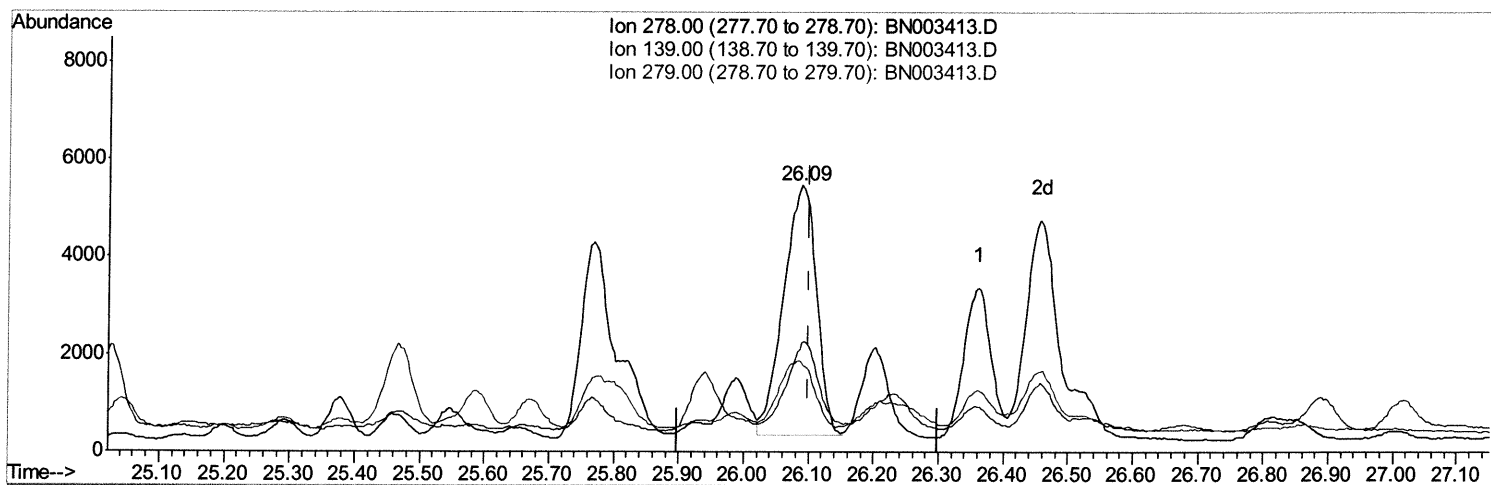
Data File : BN003413.D
Acq On : 02 Nov 2018 21:01
Operator : MJ/SJ
Sample : J5704-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40H9

Manual Integrations
APPROVED

Sohil
11/5/2018 4:09:21 PM

Quant Time: Nov 03 01:02:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 23:49:03 2018
Response via : Initial Calibration



TIC: BN003413.D

(25) Dibenzo(a,h)anthracene

26.088min (-0.011) 0.14ng/ul m) SJ 11/12/18

response 18159

Ion	Exp%	Act%
278.00	100	100
139.00	16.40	40.50#
279.00	24.40	33.72#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN110218\
Quantitation Report (Qedit)

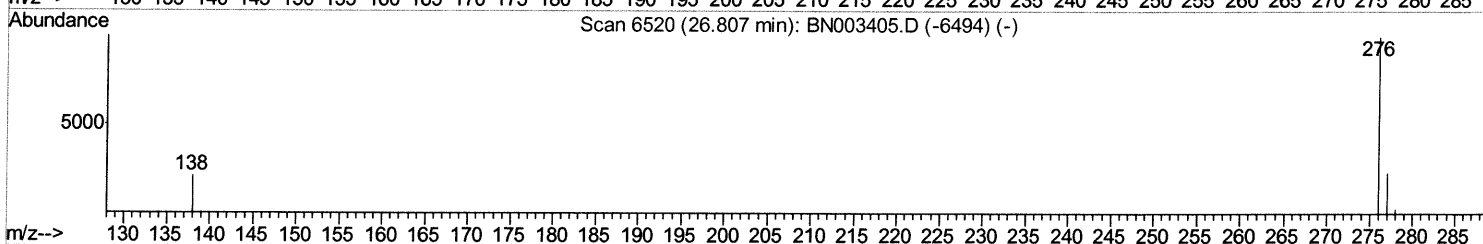
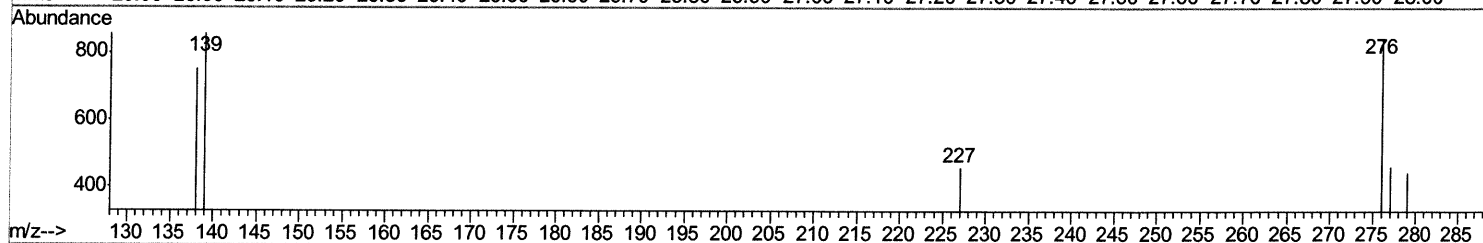
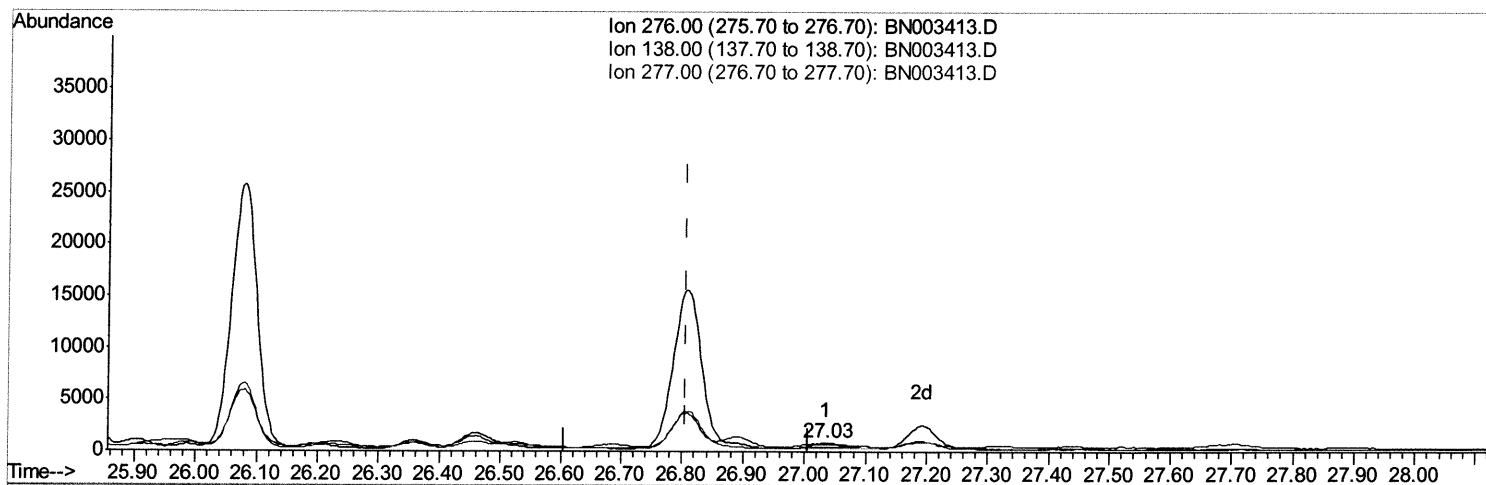
Data File : BN003413.D
Acq On : 02 Nov 2018 21:01
Operator : MJ/SJ
Sample : J5704-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40H9

Manual Integrations
APPROVED

Sohil
11/5/2018 4:09:21 PM

Quant Time: Nov 03 01:02:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 23:49:03 2018
Response via : Initial Calibration



TIC: BN003413.D

(26) Benzo(g,h,i)perylene

27.034min (+0.227) 0.01ng/ul

response 1973

Ion	Exp%	Act%
276.00	100	100
138.00	21.30	89.11#
277.00	24.00	54.67#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN110218\
Quantitation Report (Qedit)

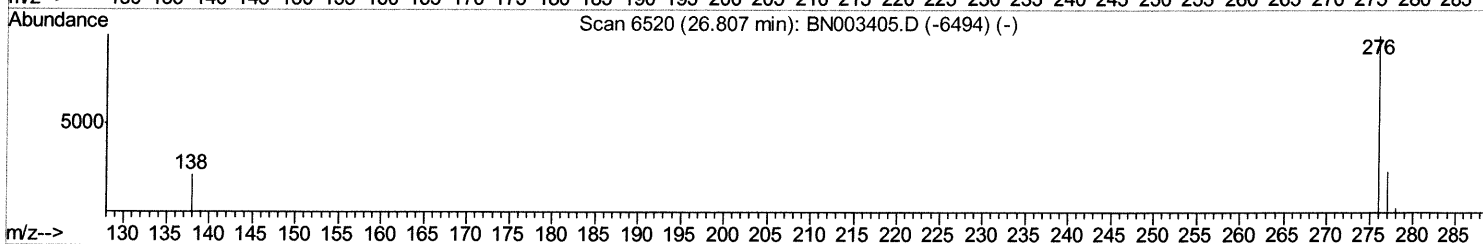
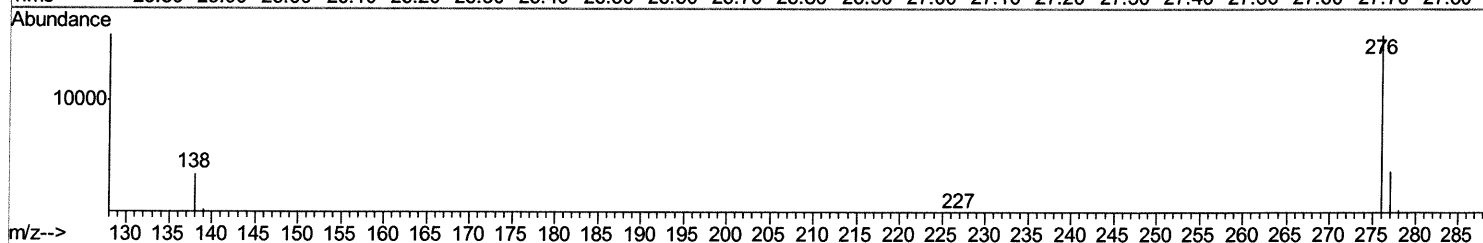
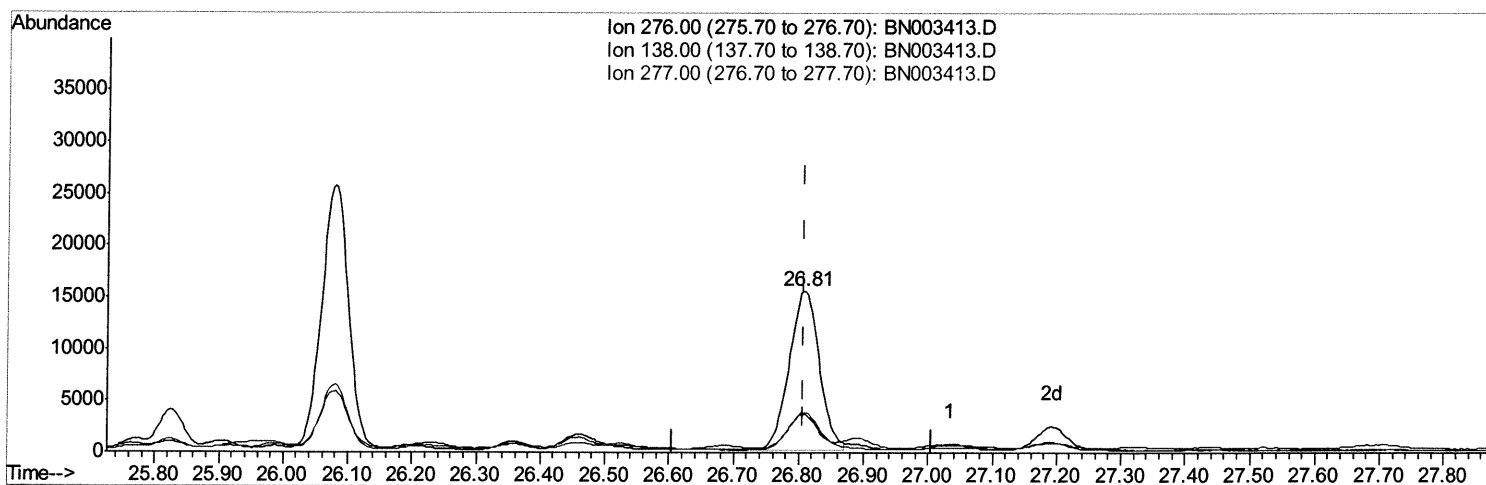
Data File : BN003413.D
Acq On : 02 Nov 2018 21:01
Operator : MJ/SJ
Sample : J5704-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40H9

Manual Integrations
APPROVED

Sohil
11/5/2018 4:09:21 PM

Quant Time: Nov 03 01:02:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 23:49:03 2018
Response via : Initial Calibration



TIC: BN003413.D

(26) Benzo(g,h,i)perylene

26.810min (+0.003) 0.37ng/ul m> SJ 11/12/18

response 49693

Ion	Exp%	Act%
276.00	100	100
138.00	21.30	23.72
277.00	24.00	25.19
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN110218\
Quantitation Report (QT Reviewed)

Data File : BN003413.D
Acq On : 02 Nov 2018 21:01
Operator : MJ/SJ
Sample : J5704-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40H9

Manual Integrations
APPROVED

Sohil
11/5/2018 4:09:21 PM

Quant Time: Nov 03 01:04:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 23:49:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	9777	0.40	ng/ul	0.00
2) Naphthalene-d8	10.65	136	40996	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	24441	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.23	188	56795m	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	51950m	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	40208m	0.40	ng/ul	0.00

SJ 11/12/18

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.24	152	18094	0.28	ng/ul	0.00
14) Fluoranthene-d10	19.26	212	47760m	0.30	ng/ul	0.00

SJ 11/12/18

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.70	128	3652	0.032	ng/ul#	92
7) Acenaphthylene	14.21	152	17863	0.168	ng/ul	98
8) Acenaphthene	14.55	153	2582	0.027	ng/ul	98
9) Fluorene	15.54	166	7751	0.069	ng/ul#	96
11) Pentachlorophenol	16.87	266	469m	0.041	ng/ul	
12) Phenanthrene	17.28	178	239873m	1.288	ng/ul	
13) Anthracene	17.36	178	14784m	0.097	ng/ul	
15) Fluoranthene	19.28	202	382186m	1.826	ng/ul	
17) Pyrene	19.65	202	289741	1.533	ng/ul	99
18) Benzo(a)anthracene	21.39	228	93234m	0.572	ng/ul	
19) Chrysene	21.44	228	146328m	0.790	ng/ul	
21) Benzo(b)fluoranthene	23.02	252	180117m	1.040	ng/ul	
22) Benzo(k)fluoranthene	23.06	252	68805m	0.410	ng/ul	
23) Benzo(a)pyrene	23.63	252	94676m	0.654	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.08	276	73909m	0.477	ng/ul	
25) Dibenzo(a,h)anthracene	26.09	278	18159m	0.144	ng/ul	
26) Benzo(g,h,i)perylene	26.81	276	49693m	0.374	ng/ul	

SJ 11/12/18

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