

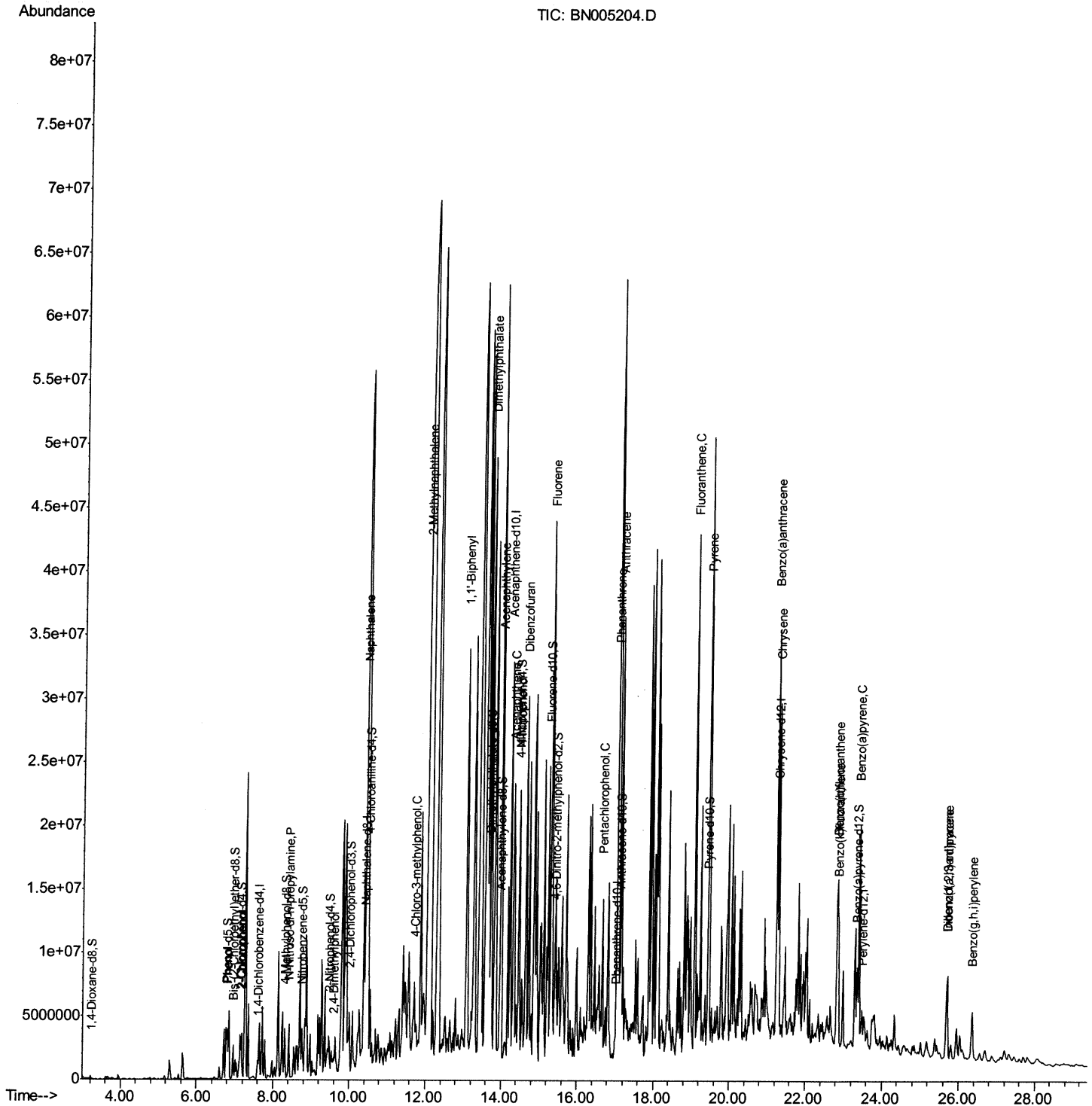
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
Data File : BN005204.D
Acq On : 23 Apr 2019 09:05
Operator : JU/SJ
Sample : K2455-08
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHQ8MSD

Manual Integrations
APPROVED

Sohil
4/23/2019 4:20:12 PM

Quant Time: Apr 23 10:17:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 23 03:50:45 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

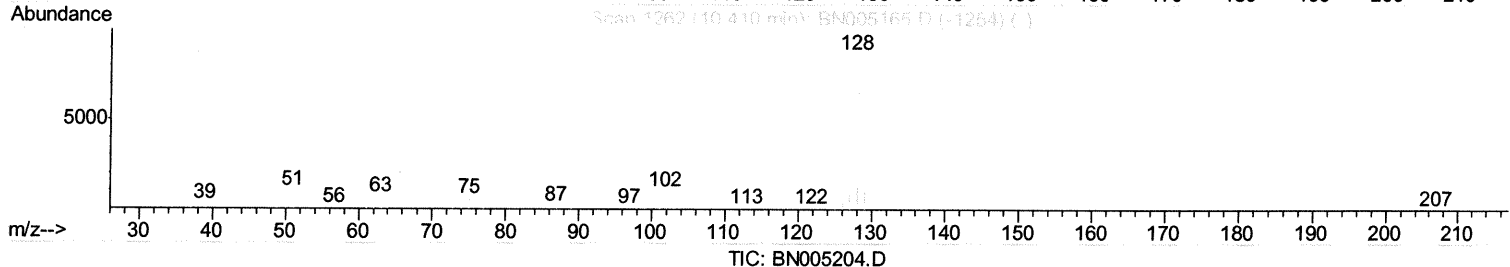
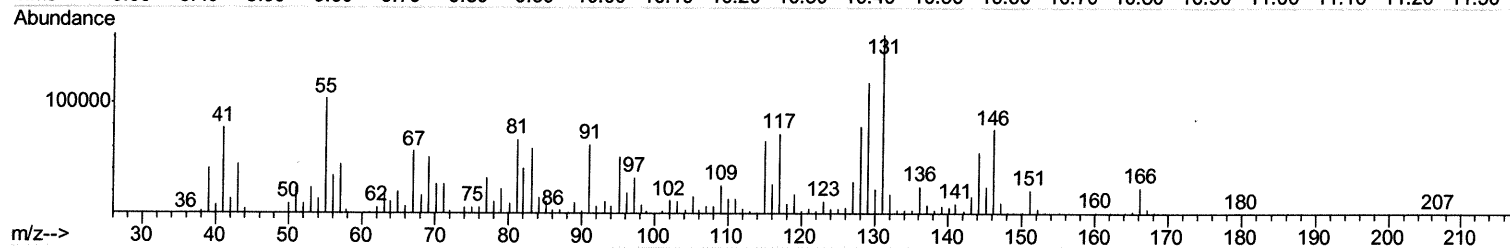
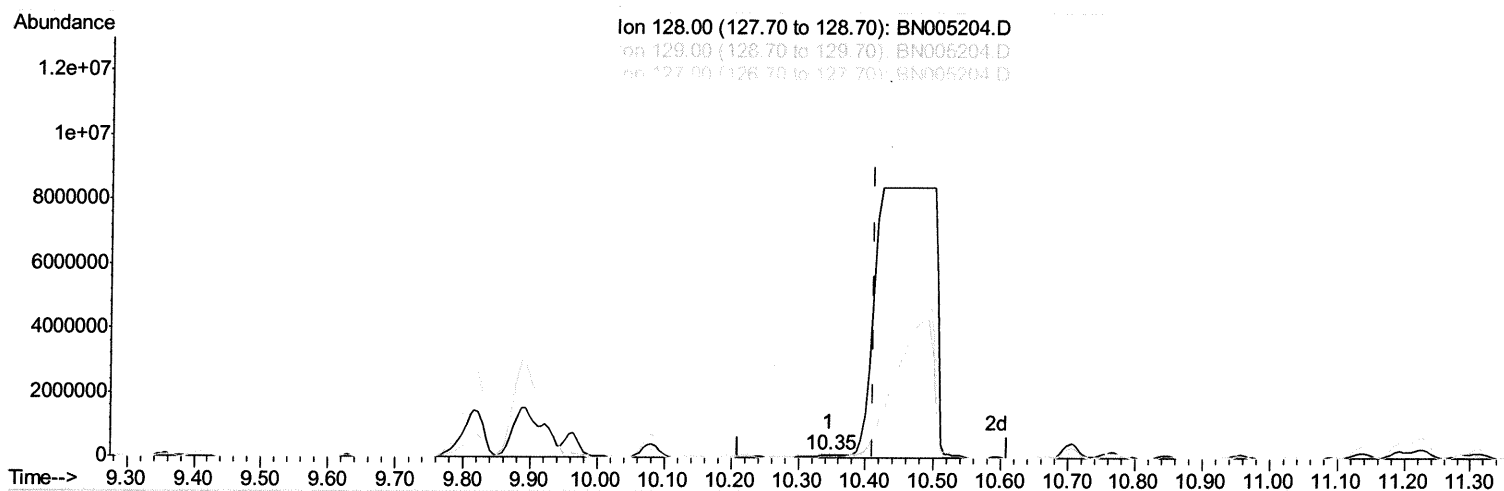
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
 Data File : BN005204.D
 Acq On : 23 Apr 2019 09:05
 Operator : JU/SJ
 Sample : K2455-08
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHQ8MSD

Manual Integrations
 APPROVED

Sohil
 4/23/2019 4:20:12 PM

Quant Time: Apr 23 09:58:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 23 03:50:45 2019
 Response via : Initial Calibration



(28) Naphthalene

10.346min (-0.065) 2.29ng/ul

response 149707

Ion	Exp%	Act%
128.00	100	100
129.00	11.50	149.43#
127.00	13.40	36.34#
0.00	0.00	0.00

Quantitation Report (Qedit)

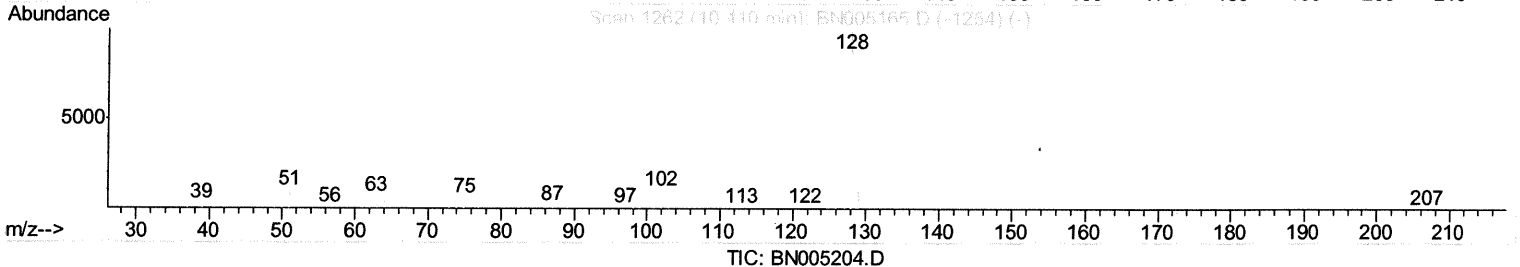
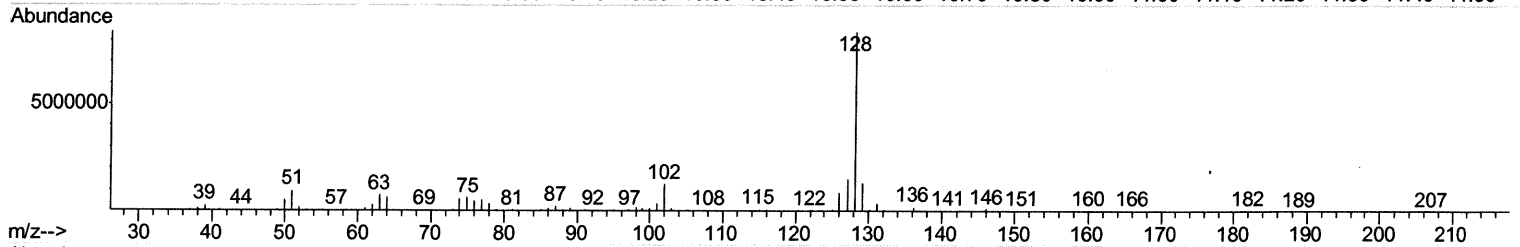
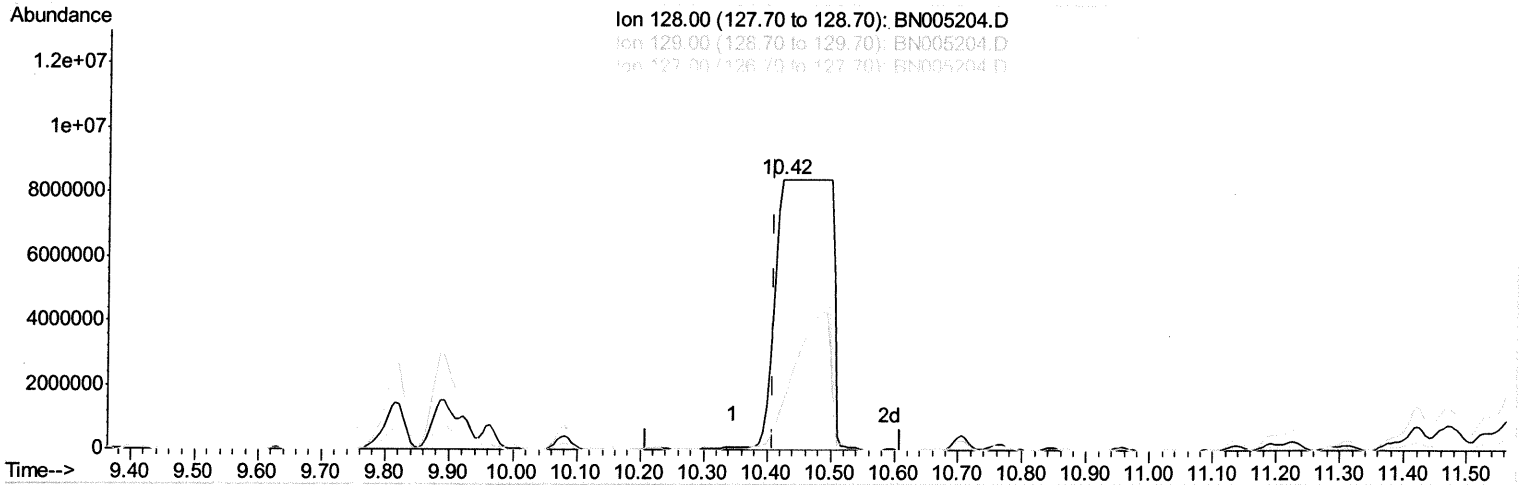
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
 Data File : BN005204.D
 Acq On : 23 Apr 2019 09:05
 Operator : JU/SJ
 Sample : K2455-08
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHQ8MSD

Manual Integrations
 APPROVED

Sohil
 4/23/2019 4:20:12 PM

Quant Time: Apr 23 09:58:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 23 03:50:45 2019
 Response via : Initial Calibration



(28) Naphthalene

10.422min (+0.012) 763.42ng/ul mSJ 04/30/19

response 49907387

Ion	Exp%	Act%
128.00	100	100
129.00	11.50	15.63#
127.00	13.40	17.60#
0.00	0.00	0.00

Quantitation Report (Qedit)

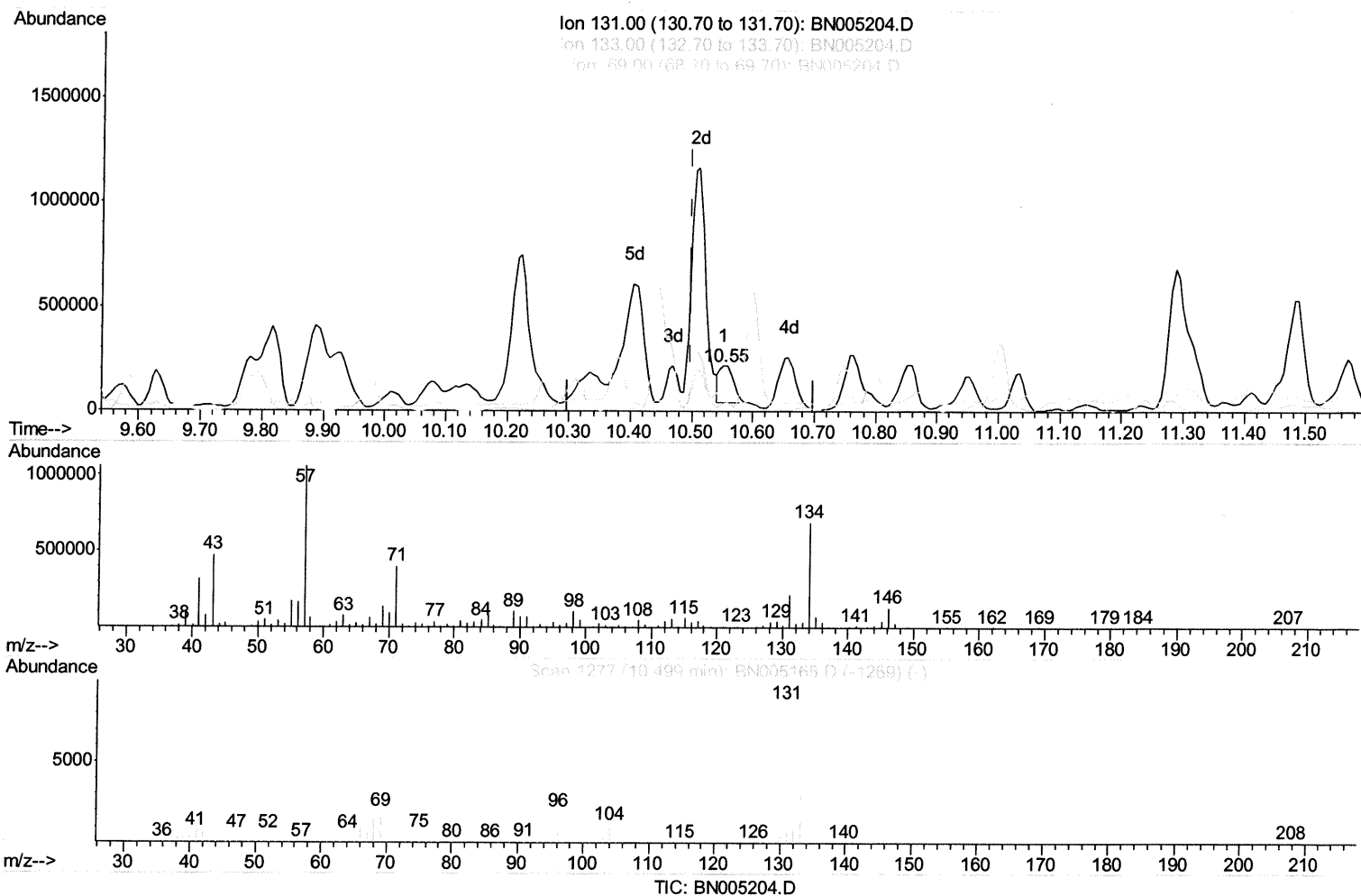
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
Data File : BN005204.D
Acq On : 23 Apr 2019 09:05
Operator : JU/SJ
Sample : K2455-08
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHQ8MSD

Manual Integrations
APPROVED

Sohil
4/23/2019 4:20:12 PM

Quant Time: Apr 23 09:58:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 23 03:50:45 2019
Response via : Initial Calibration



(29) 4-Chloroaniline-d4 (S)

10.552min (+0.053) 13.92ng/ul

response 288691

Ion	Exp%	Act%
131.00	100	100
133.00	33.60	17.76#
69.00	18.90	63.71#
0.00	0.00	0.00

Quantitation Report (Qedit)

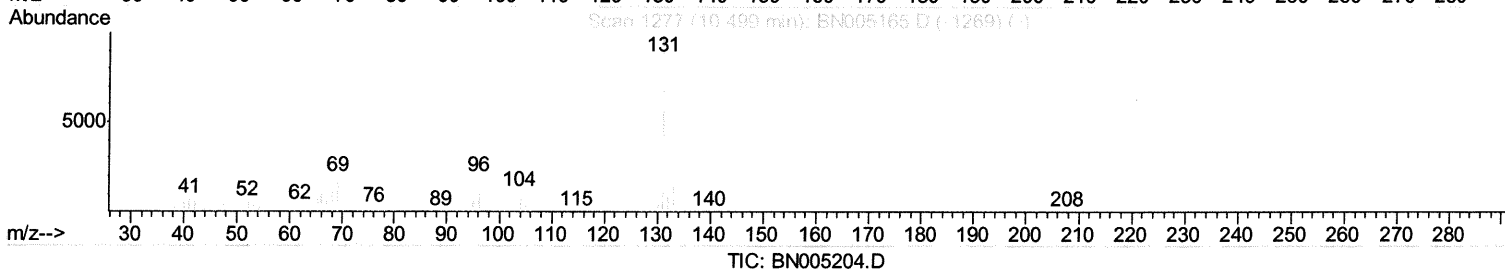
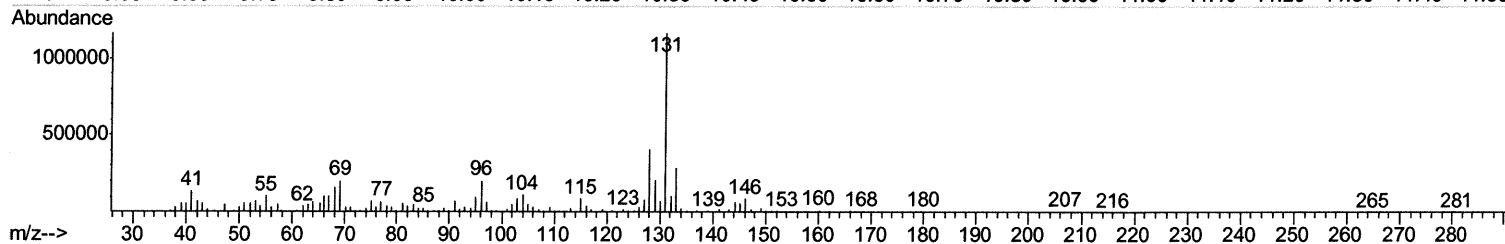
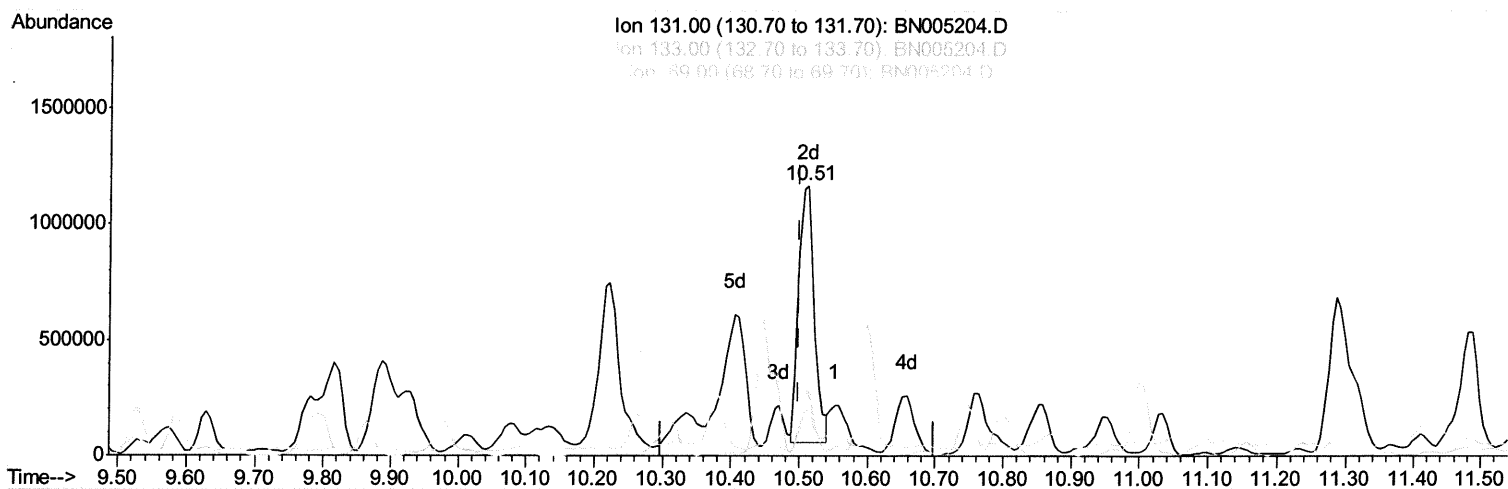
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
Data File : BN005204.D
Acq On : 23 Apr 2019 09:05
Operator : JU/SJ
Sample : K2455-08
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHQ8MSD

Manual Integrations
APPROVED

Sohil
4/23/2019 4:20:12 PM

Quant Time: Apr 23 09:58:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 23 03:50:45 2019
Response via : Initial Calibration



(29) 4-Chloroaniline-d4 (S)

10.510min (+0.012) 86.35ng/ul m SJ 04/30/19

response 1791027

Ion	Exp%	Act%
131.00	100	100
133.00	33.60	24.47#
69.00	18.90	17.23
0.00	0.00	0.00

Quantitation Report (Qedit)

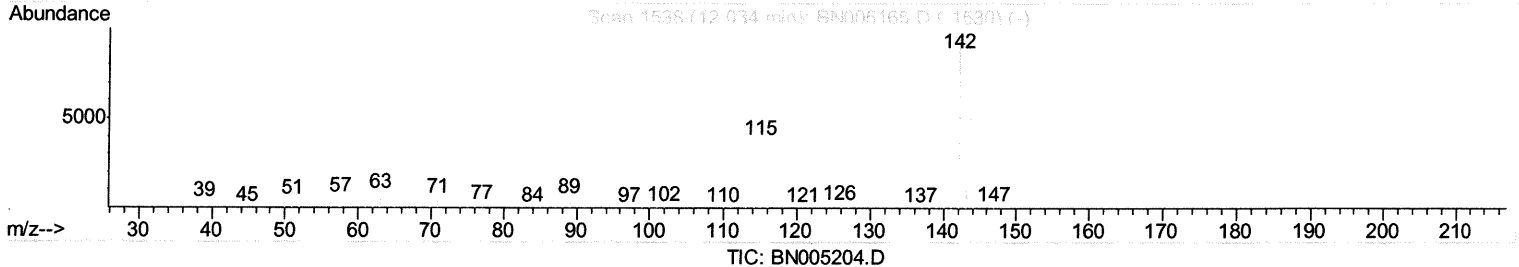
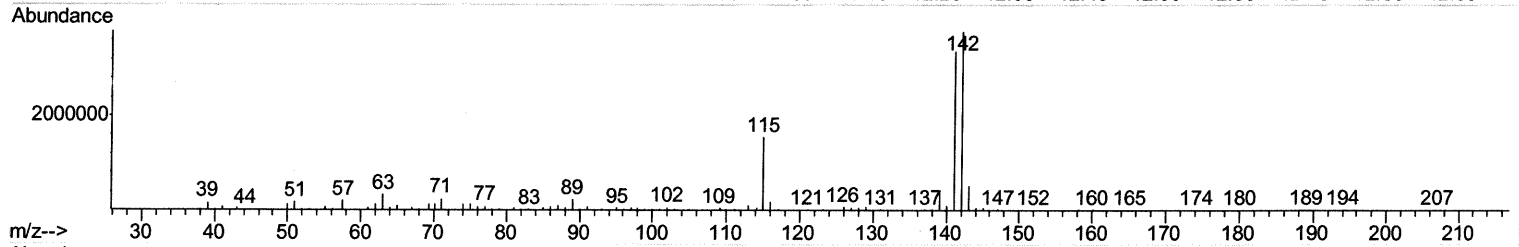
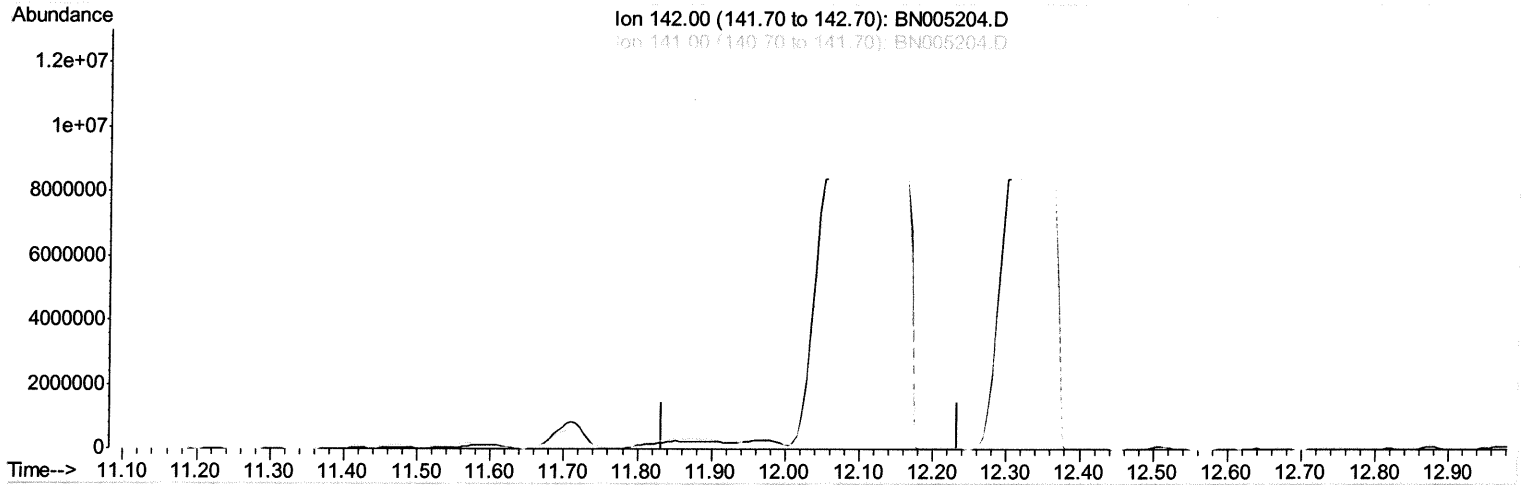
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
 Data File : BN005204.D
 Acq On : 23 Apr 2019 09:05
 Operator : JU/SJ
 Sample : K2455-08
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHQ8MSD

Manual Integrations
 APPROVED

Sohil
 4/23/2019 4:20:12 PM

Quant Time: Apr 23 09:58:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 23 03:50:45 2019
 Response via : Initial Calibration



(34) 2-Methylnaphthalene

12.034min (-12.034) 0.00ng/ui

response 0

Ion	Exp%	Act%
142.00	100	0.00
141.00	90.00	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

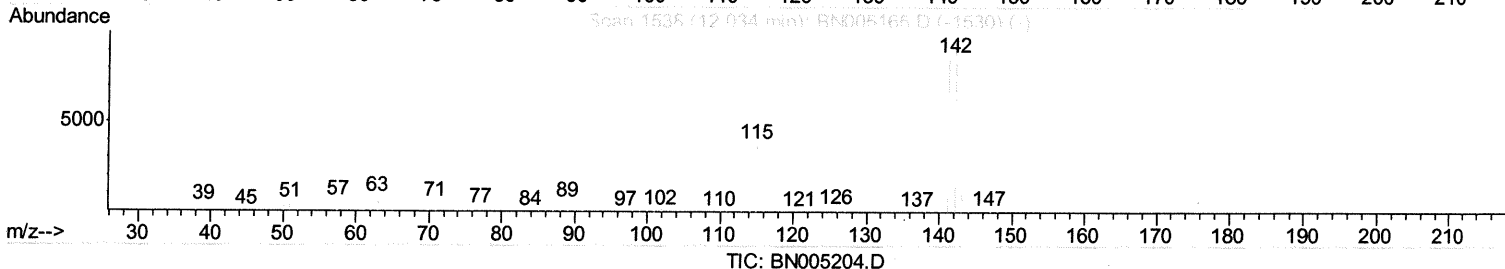
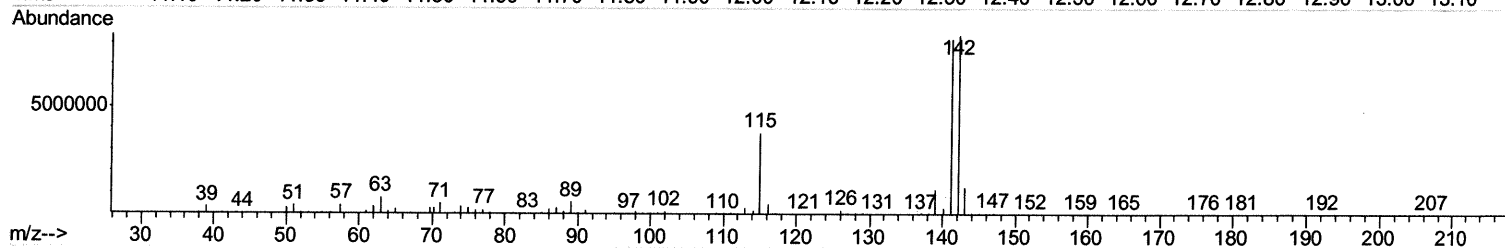
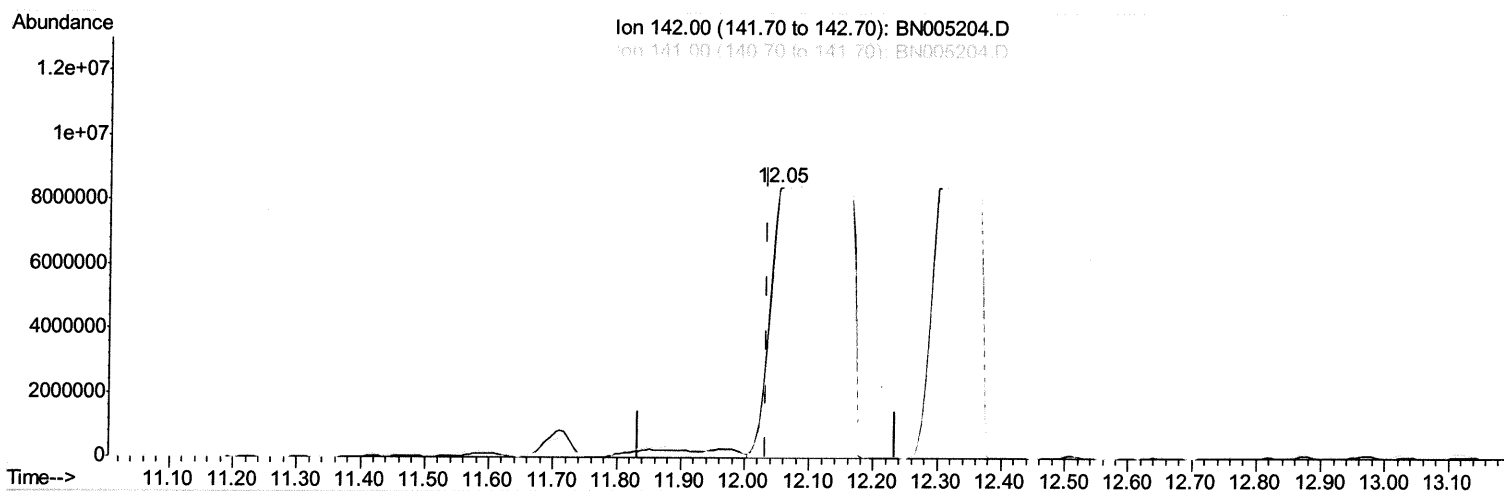
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
 Data File : BN005204.D
 Acq On : 23 Apr 2019 09:05
 Operator : JU/SJ
 Sample : K2455-08
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHQ8MSD

Manual Integrations
 APPROVED

Sohil
 4/23/2019 4:20:12 PM

Quant Time: Apr 23 09:58:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 23 03:50:45 2019
 Response via : Initial Calibration



(34) 2-Methylnaphthalene

12.052min (+0.018) 1438.68ng/ul m SJ 04/30/19

response 68865432

Ion	Exp%	Act%
142.00	100	100
141.00	90.00	97.97
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

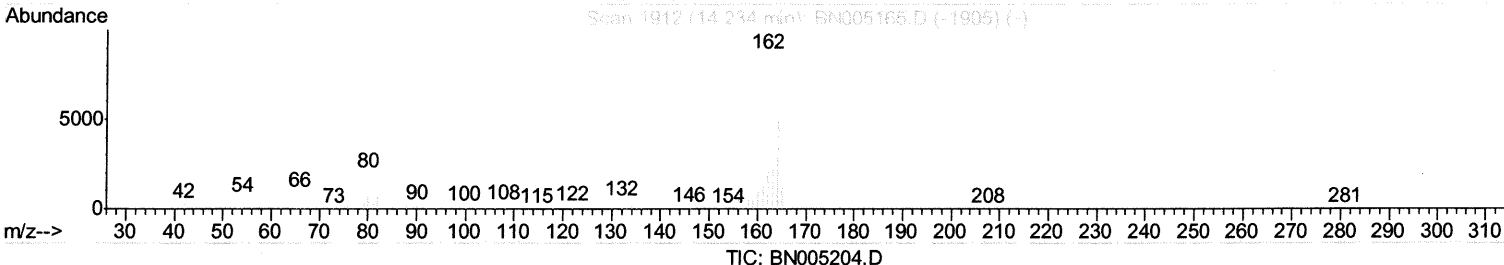
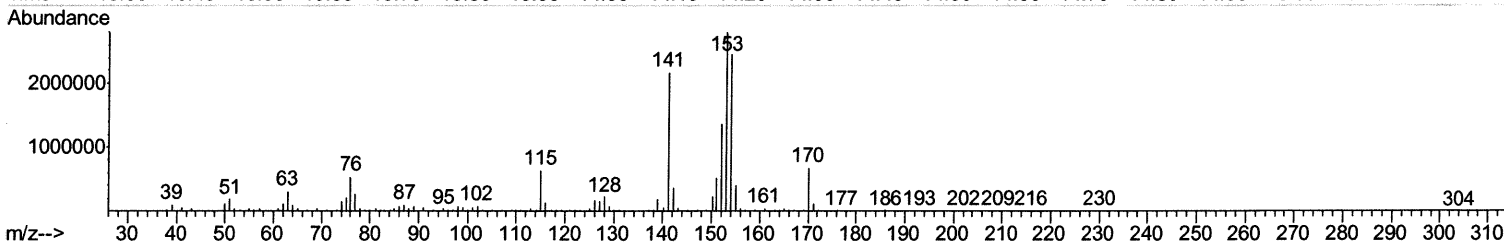
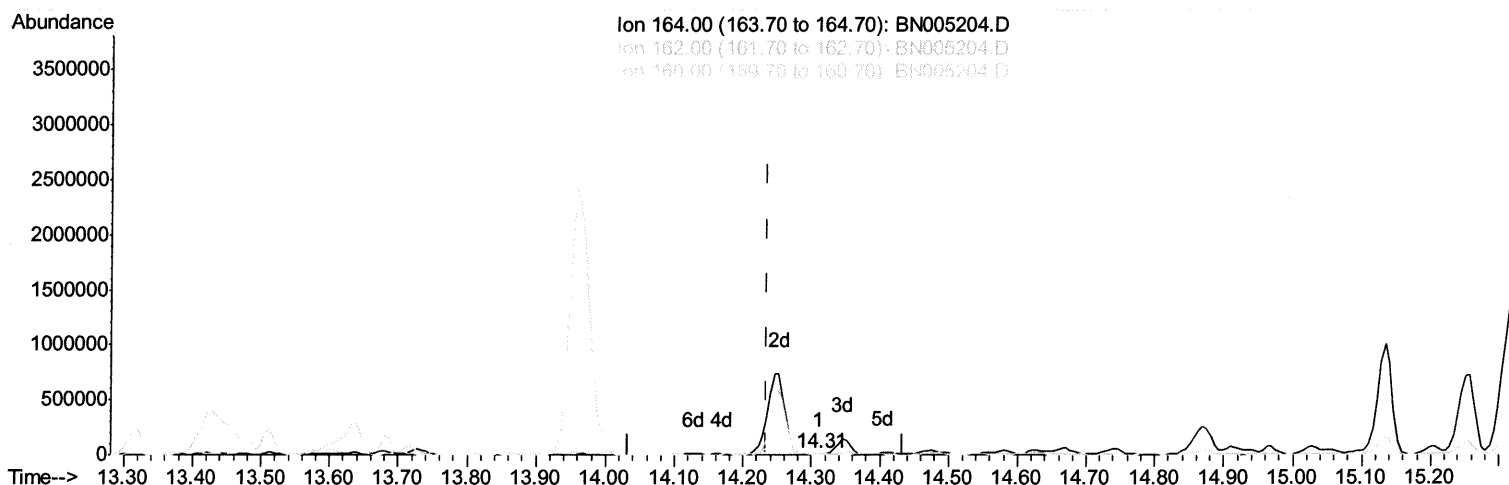
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
 Data File : BN005204.D
 Acq On : 23 Apr 2019 09:05
 Operator : JU/SJ
 Sample : K2455-08
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHQ8MSD

Manual Integrations
 APPROVED

Sohil
 4/23/2019 4:20:12 PM

Quant Time: Apr 23 09:58:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 23 03:50:45 2019
 Response via : Initial Calibration



(35) Acenaphthene-d10 (I)

14.310min (+0.077) 20.00ng/ul

response 4144

Ion	Exp%	Act%
164.00	100	100
162.00	101.60	67.30#
160.00	46.20	48.37
0.00	0.00	0.00

Quantitation Report (Qedit)

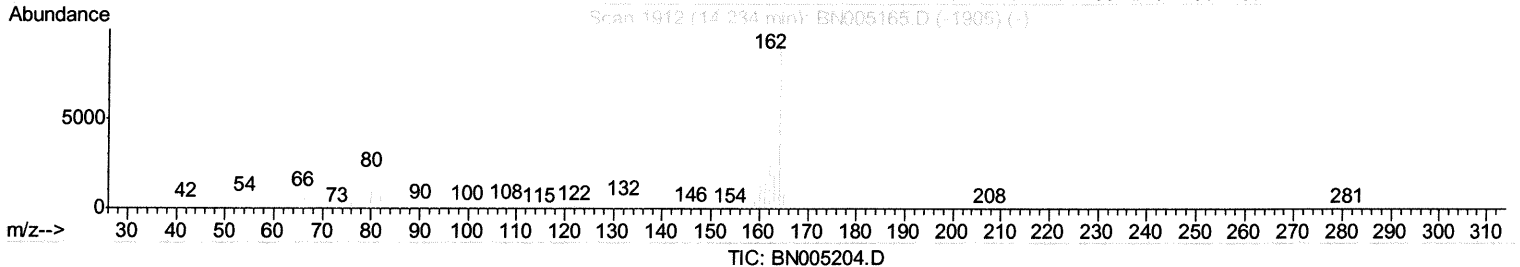
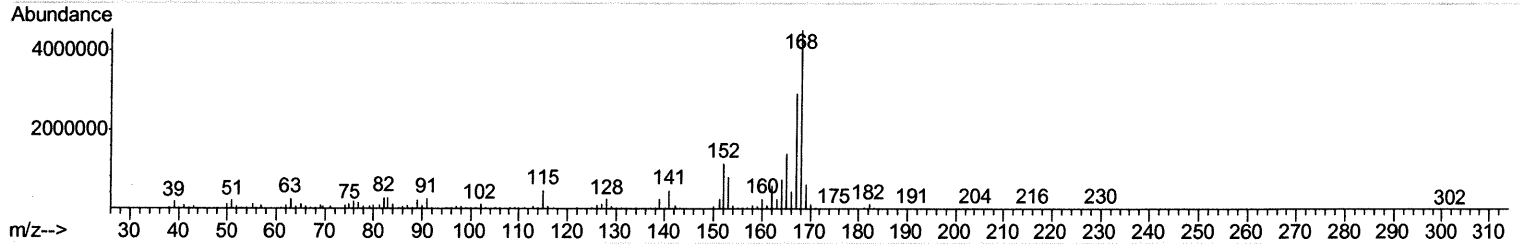
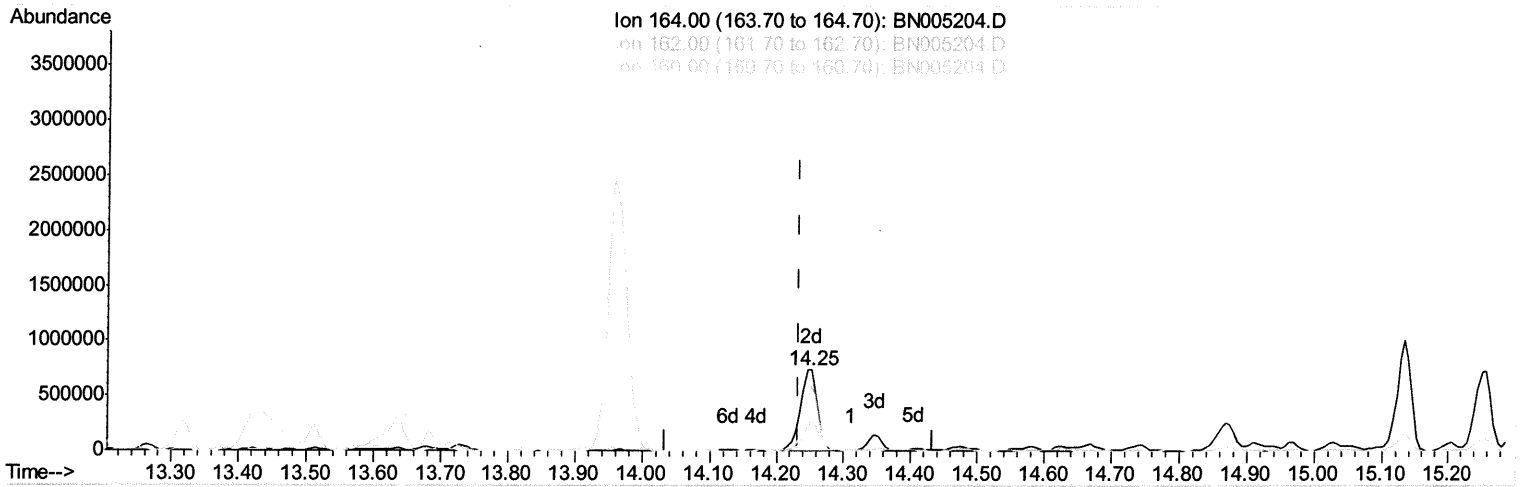
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
 Data File : BN005204.D
 Acq On : 23 Apr 2019 09:05
 Operator : JU/SJ
 Sample : K2455-08
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHQ8MSD

Manual Integrations
 APPROVED

Sohil
 4/23/2019 4:20:12 PM

Quant Time: Apr 23 09:58:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 23 03:50:45 2019
 Response via : Initial Calibration



(35) Acenaphthene-d10 (I)

14.251min (+0.018) 20.00ng/ul mSJ 04/30/19

response 1307038

Ion	Exp%	Act%
164.00	100	100
162.00	101.60	80.29#
160.00	46.20	35.79#
0.00	0.00	0.00

Quantitation Report (Qedit)

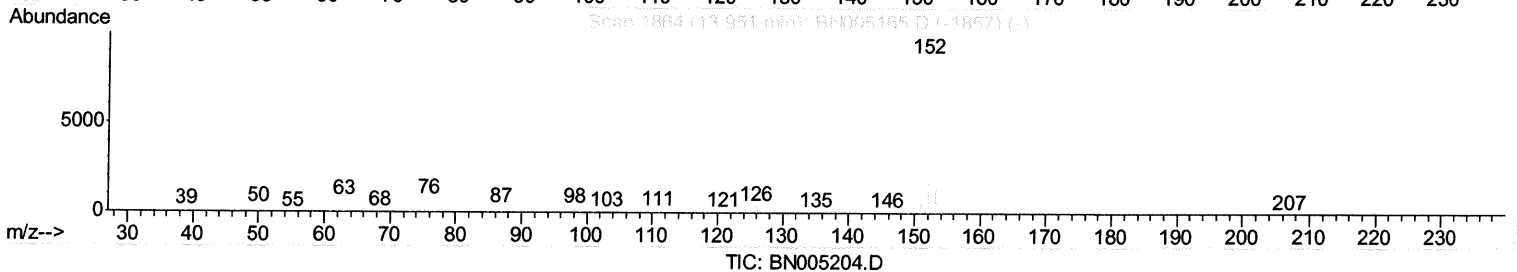
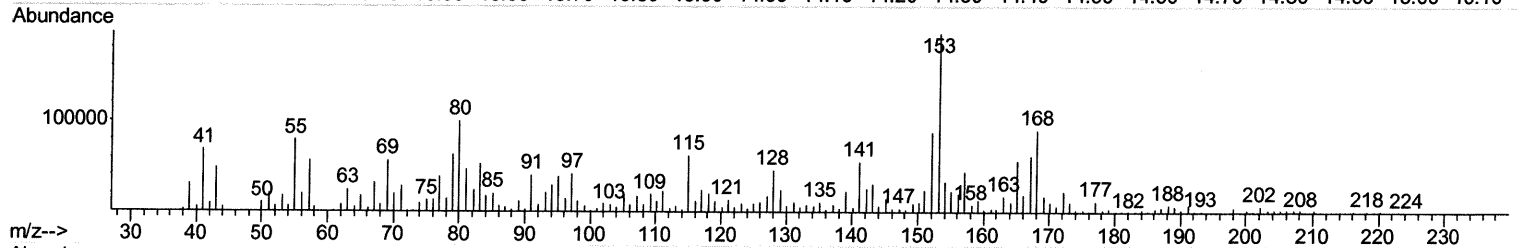
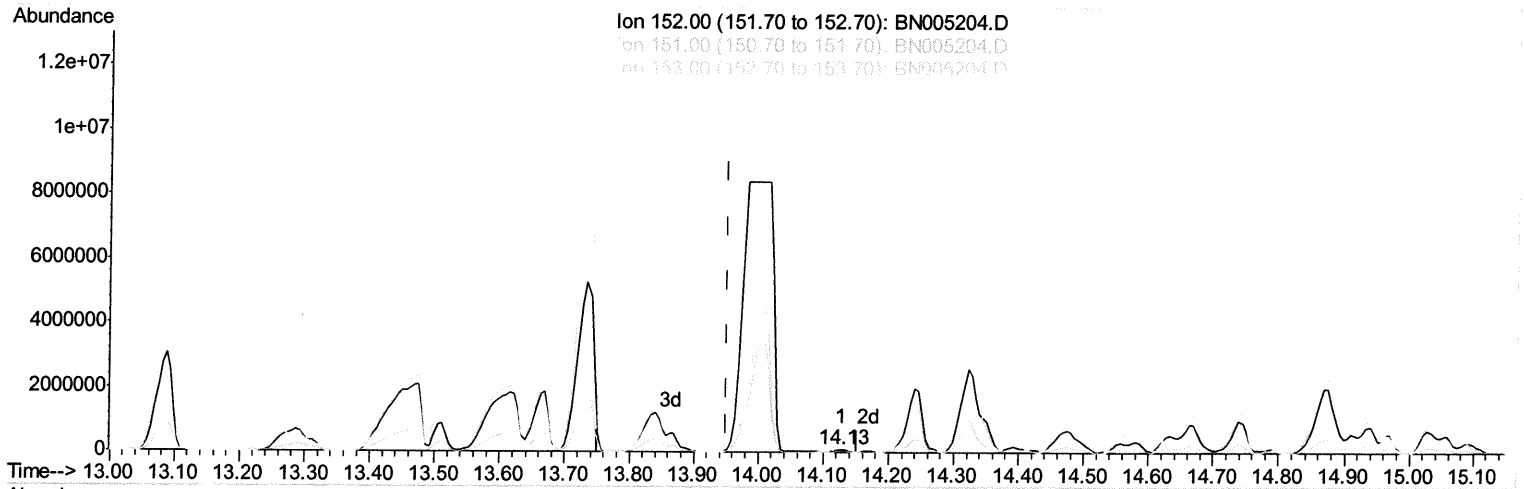
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
 Data File : BN005204.D
 Acq On : 23 Apr 2019 09:05
 Operator : JU/SJ
 Sample : K2455-08
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHQ8MSD

Manual Integrations
 APPROVED

Sohil
 4/23/2019 4:20:12 PM

Quant Time: Apr 23 10:01:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 23 03:50:45 2019
 Response via : Initial Calibration



(47) Acenaphthylene

14.128min (+0.177) 0.66ng/ul

response 75611

Ion	Exp%	Act%
152.00	100	100
151.00	19.80	27.90#
153.00	12.30	223.66#
0.00	0.00	0.00

Quantitation Report (Qedit)

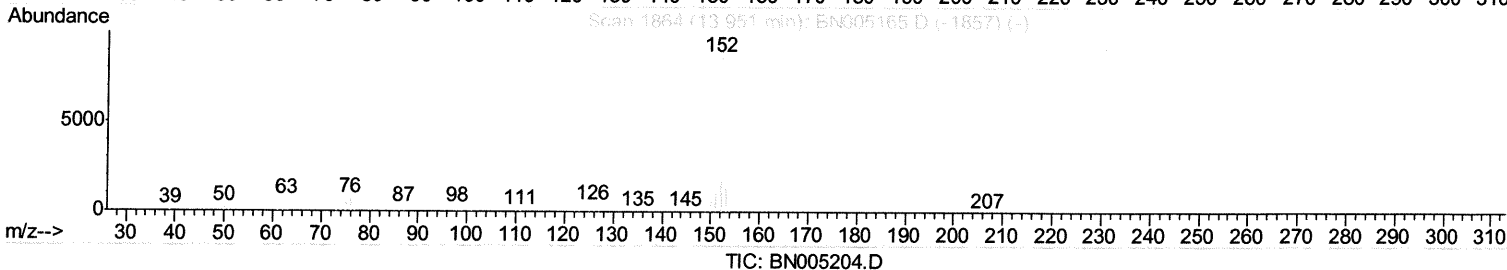
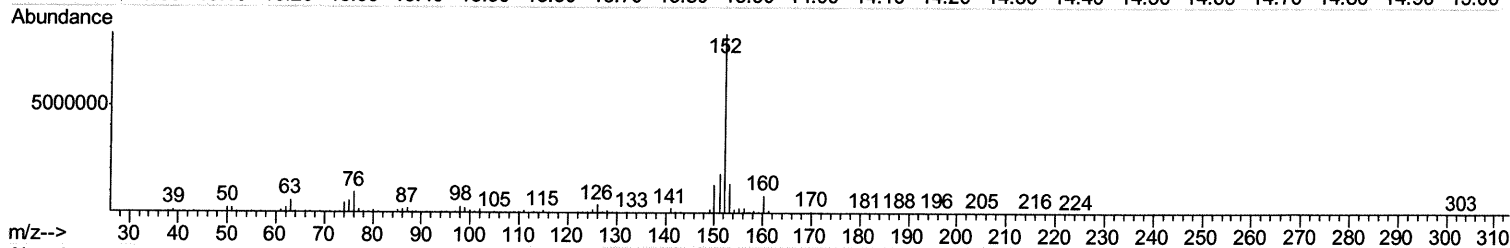
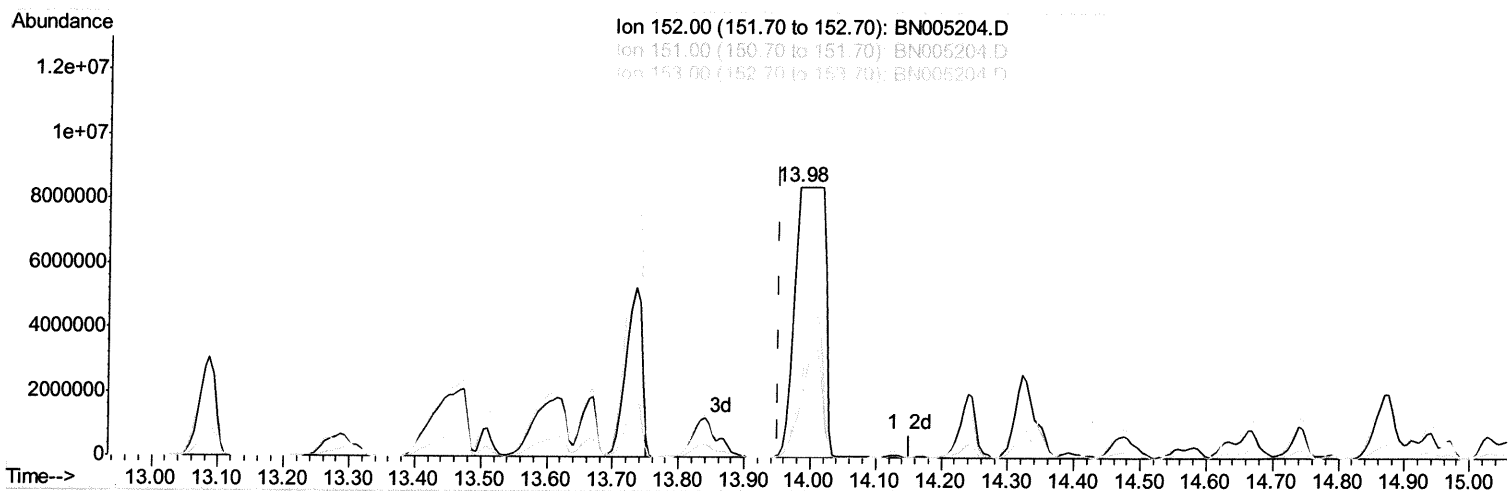
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
 Data File : BN005204.D
 Acq On : 23 Apr 2019 09:05
 Operator : JU/SJ
 Sample : K2455-08
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHQ8MSD

Manual Integrations
 APPROVED

Sohil
 4/23/2019 4:20:12 PM

Quant Time: Apr 23 10:01:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 23 03:50:45 2019
 Response via : Initial Calibration



(47) Acenaphthylene

13.981min (+0.030) 230.53ng/ul m SJ 04/30/19

response 26400502

Ion	Exp%	Act%
152.00	100	100
151.00	19.80	21.83
153.00	12.30	16.30#
0.00	0.00	0.00

Quantitation Report (Qedit)

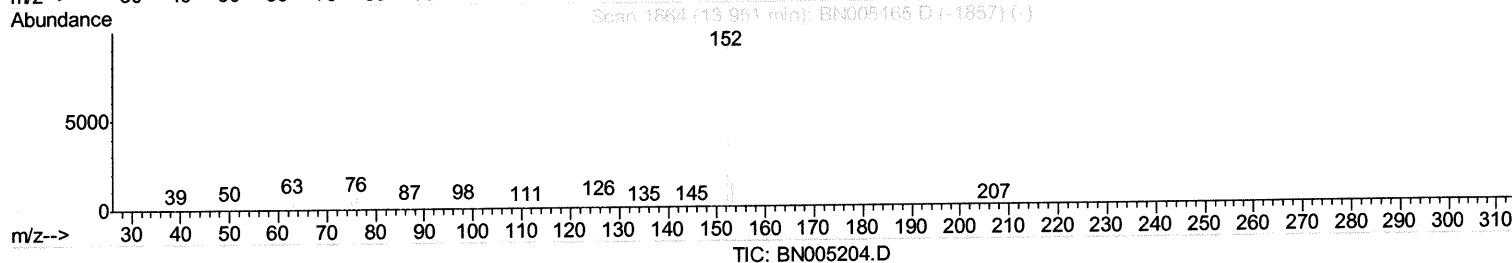
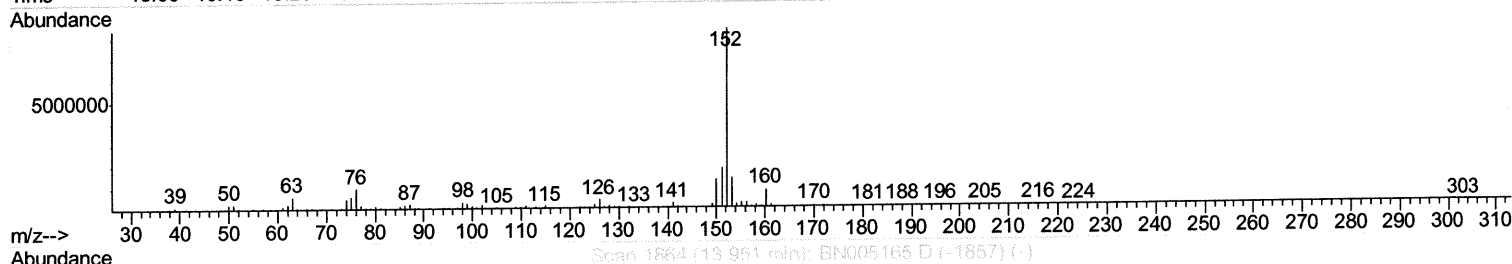
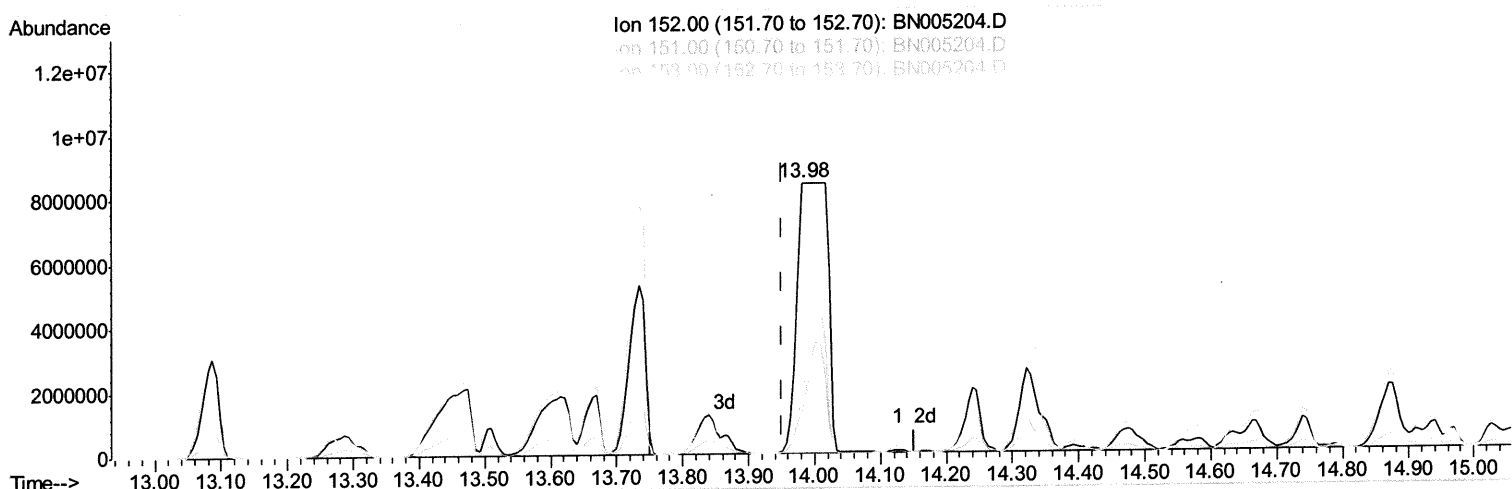
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
 Data File : BN005204.D
 Acq On : 23 Apr 2019 09:05
 Operator : JU/SJ
 Sample : K2455-08
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHQ8MSD

Manual Integrations
 APPROVED

Sohil
 4/23/2019 4:20:12 PM

Quant Time: Apr 23 10:01:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 23 03:50:45 2019
 Response via : Initial Calibration



(47) Acenaphthylene

13.981min (+0.030) 230.53ng/ul m 5504/2019

response 26400502

Ion	Exp%	Act%
152.00	100	100
151.00	19.80	21.83
153.00	12.30	16.30#
0.00	0.00	0.00

Quantitation Report (Qedit)

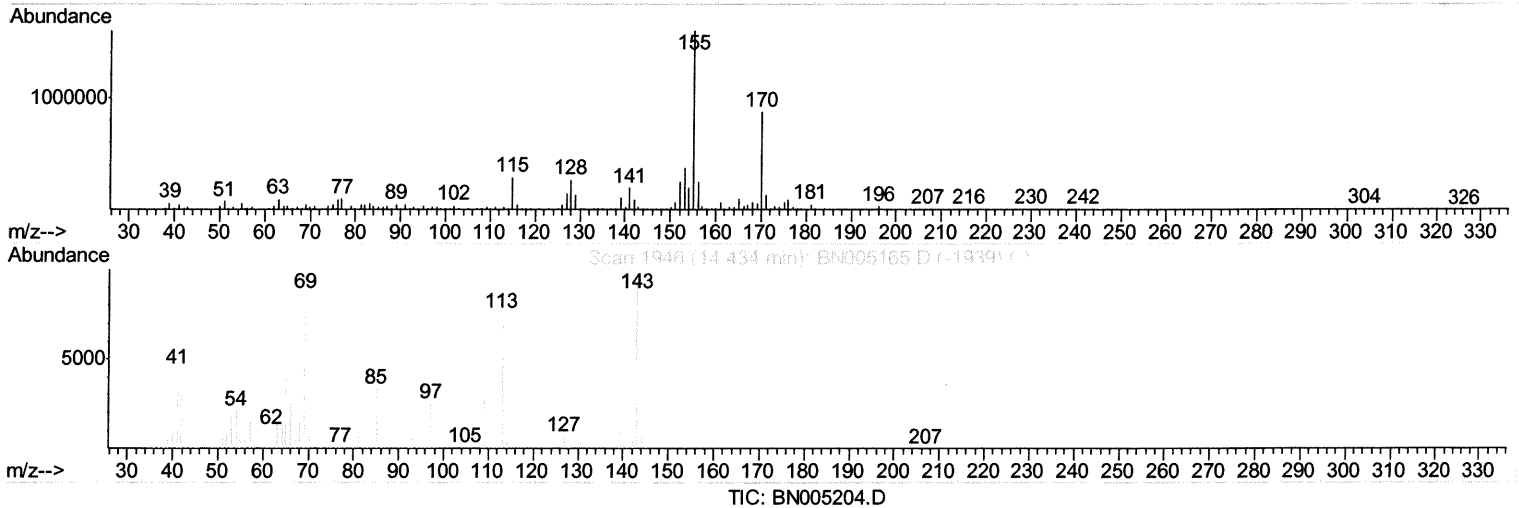
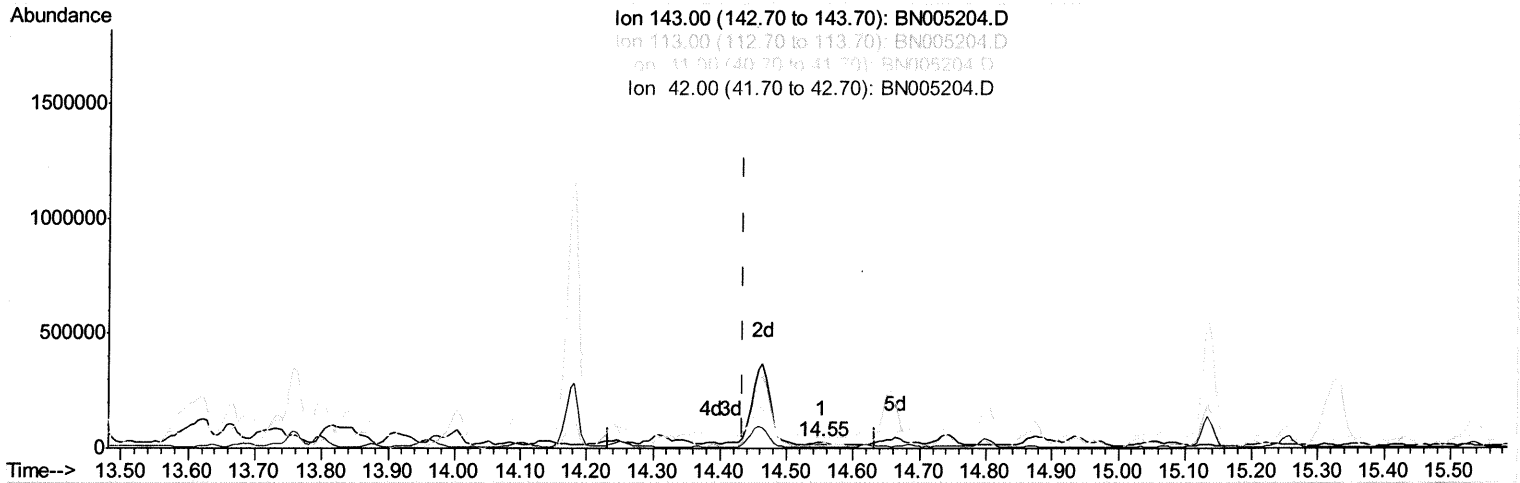
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
 Data File : BN005204.D
 Acq On : 23 Apr 2019 09:05
 Operator : JU/SJ
 Sample : K2455-08
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Manual Integrations
 APPROVED

Sohil
 4/23/2019 4:20:12 PM

Quant Time: Apr 23 10:01:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 23 03:50:45 2019
 Response via : Initial Calibration



(51) 4-Nitrophenol-d4 (S)

14.551min (+0.118) 1.62ng/ul

response 24209

Ion	Exp%	Act%
143.00	100	100
113.00	82.50	85.10
41.00	47.90	178.67#
42.00	31.70	24.46#

Quantitation Report (Qedit)

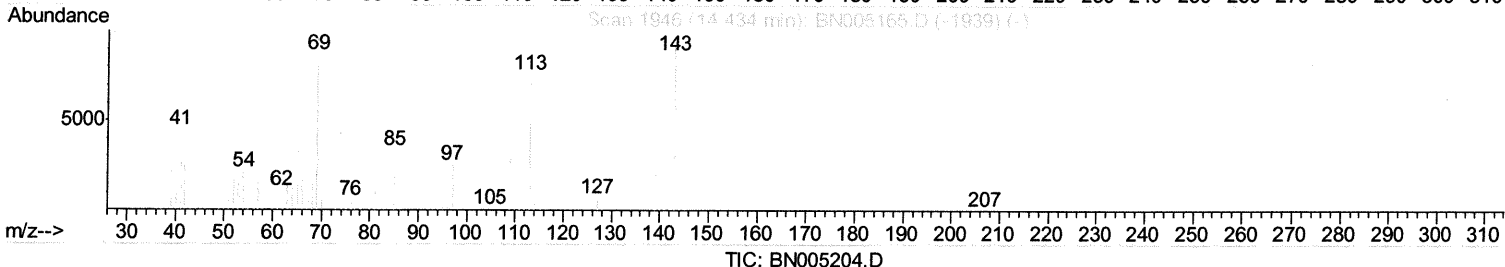
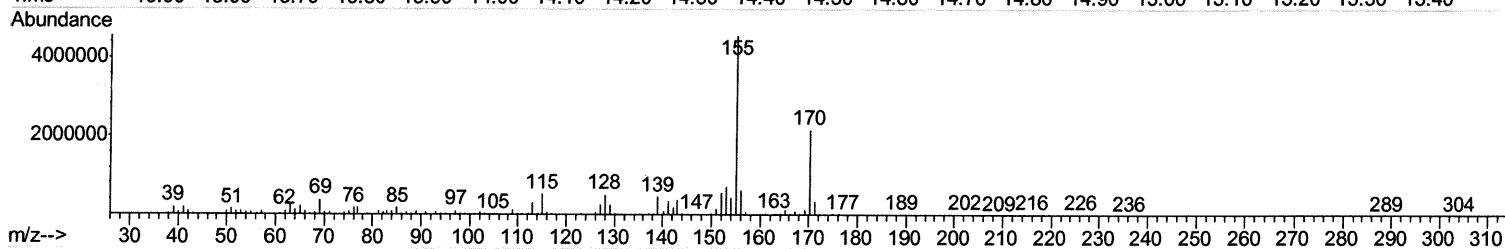
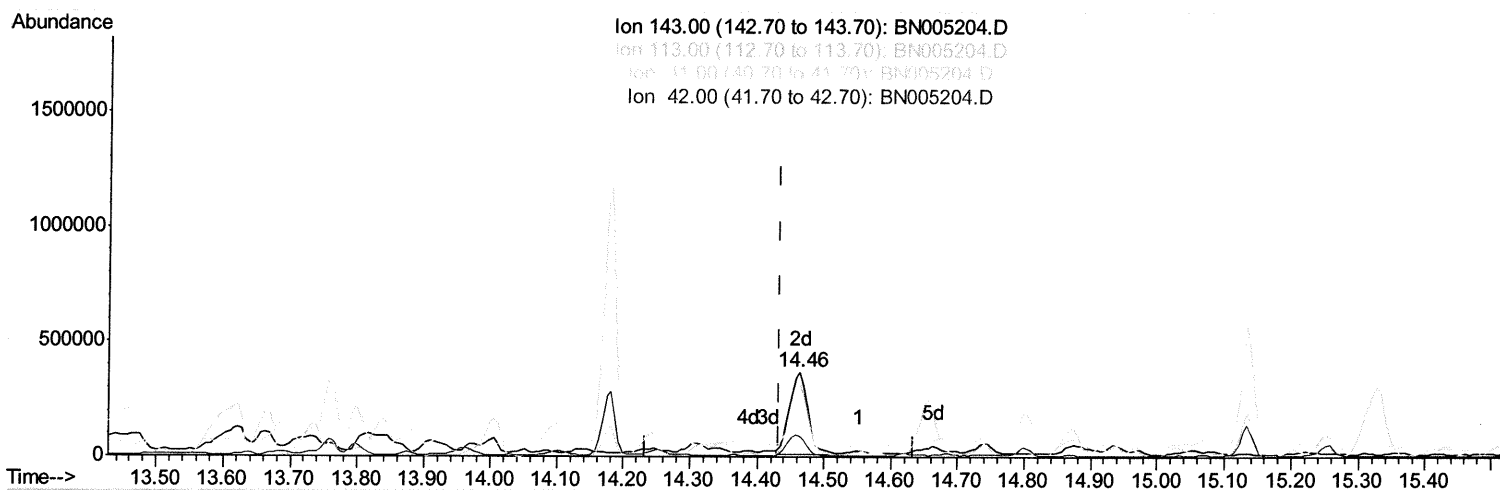
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
Data File : BN005204.D
Acq On : 23 Apr 2019 09:05
Operator : JU/SJ
Sample : K2455-08
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHQ8MSD

Manual Integrations
APPROVED

Sohil
4/23/2019 4:20:12 PM

Quant Time: Apr 23 10:01:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 23 03:50:45 2019
Response via : Initial Calibration



(51) 4-Nitrophenol-d4 (S)

14.463min (+0.030) 45.69ng/ul mss 04/30/19

response 684433

Ion	Exp%	Act%
143.00	100	100
113.00	82.50	85.63
41.00	47.90	48.06
42.00	31.70	24.83#

Quantitation Report (Qedit)

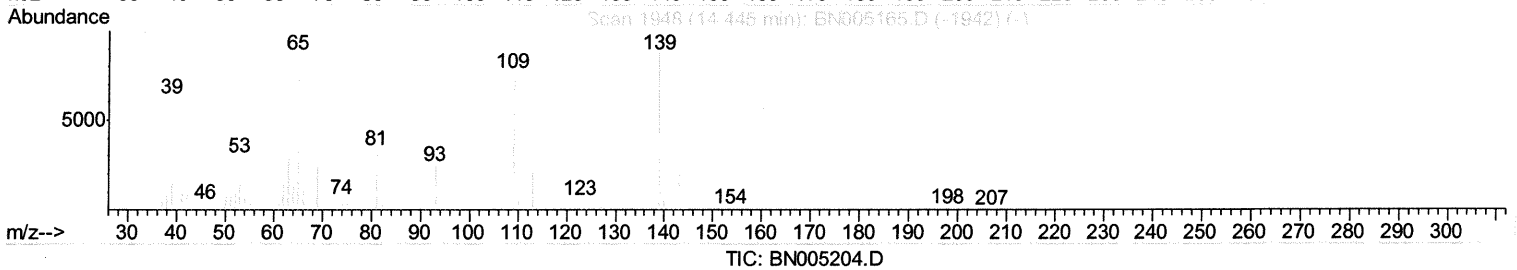
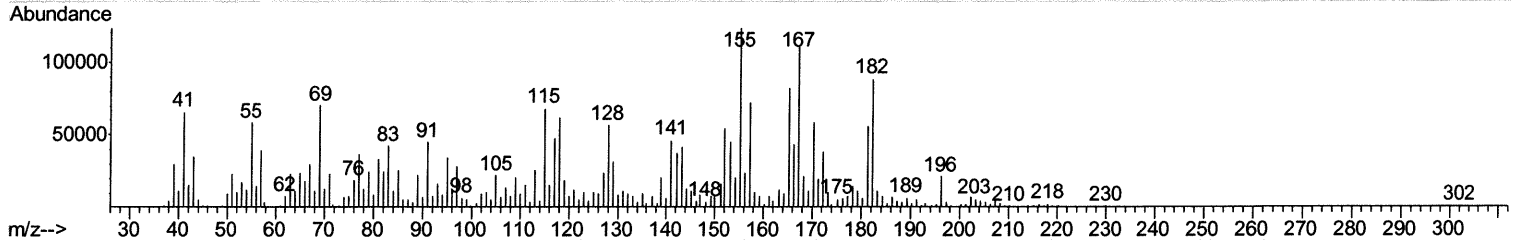
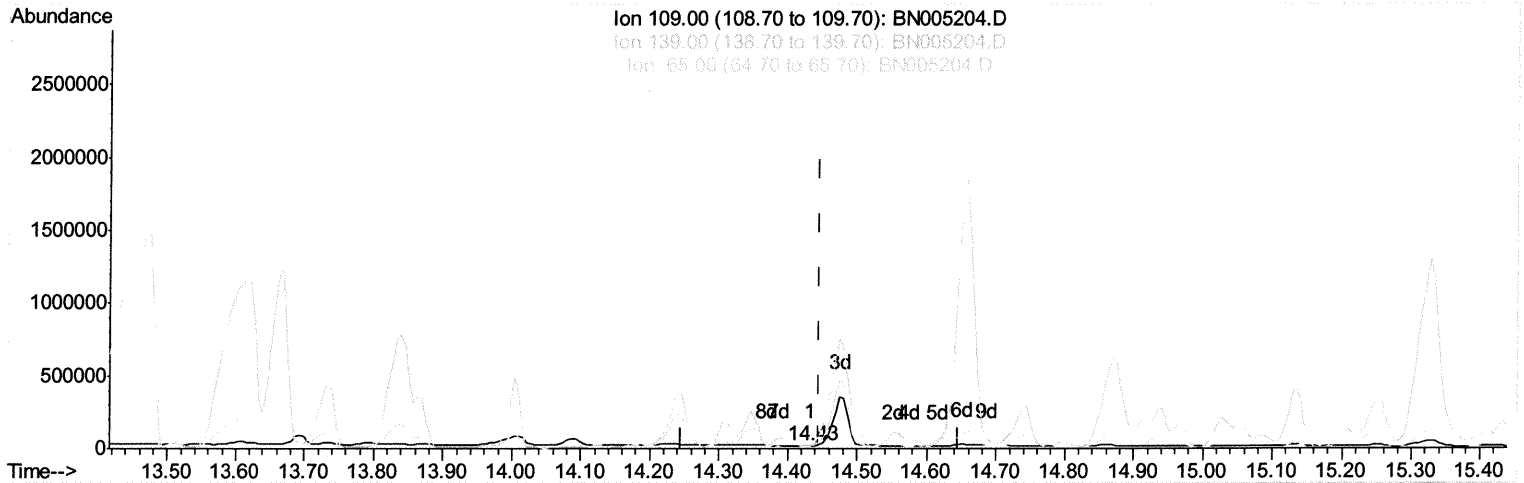
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
 Data File : BN005204.D
 Acq On : 23 Apr 2019 09:05
 Operator : JU/SJ
 Sample : K2455-08
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHQ8MSD

Manual Integrations
 APPROVED

Sohil
 4/23/2019 4:20:12 PM

Quant Time: Apr 23 10:01:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 23 03:50:45 2019
 Response via : Initial Calibration



(52) 4-Nitrophenol

14.434min (-0.012) 0.14ng/ul

response 1895

Ion	Exp%	Act%
109.00	100	100
139.00	115.40	101.33
65.00	121.90	116.96
0.00	0.00	0.00

Quantitation Report (Qedit)

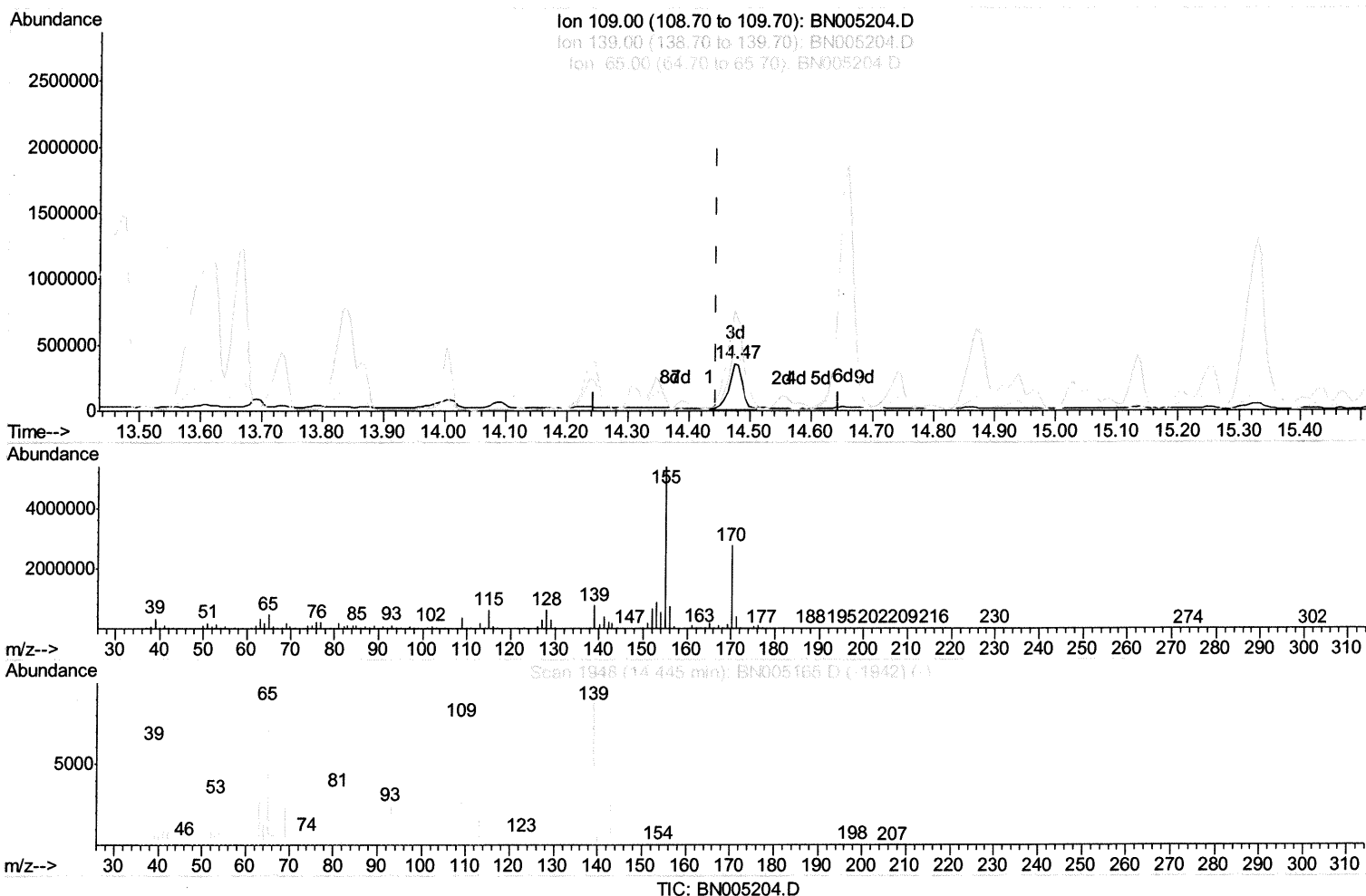
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
Data File : BN005204.D
Acq On : 23 Apr 2019 09:05
Operator : JU/SJ
Sample : K2455-08
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHQ8MSD

Manual Integrations
APPROVED

Sohil
4/23/2019 4:20:12 PM

Quant Time: Apr 23 10:01:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 23 03:50:45 2019
Response via : Initial Calibration



(52) 4-Nitrophenol

14.475min (+0.030) 38.54ng/ul m SJ 04/30/19

response 524046

Ion	Exp%	Act%
109.00	100	100
139.00	115.40	211.93#
65.00	121.90	132.15
0.00	0.00	0.00

Quantitation Report (Qedit)

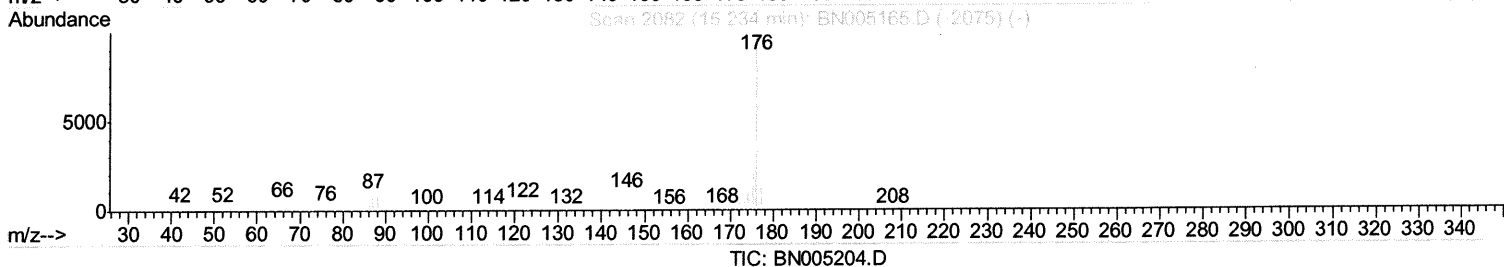
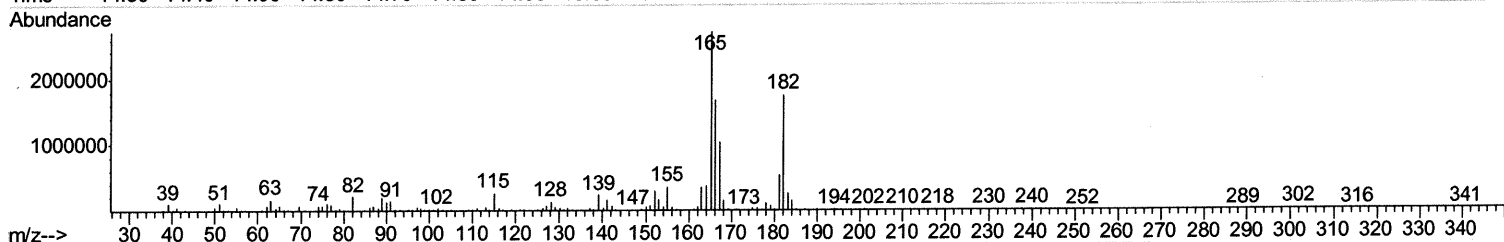
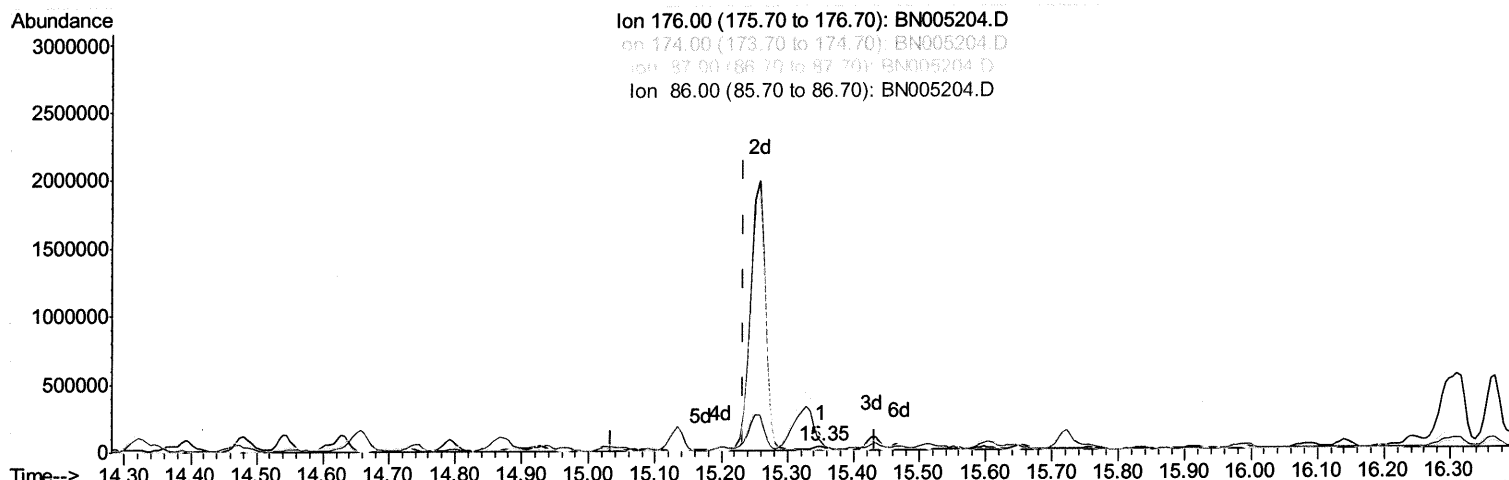
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
Data File : BN005204.D
Acq On : 23 Apr 2019 09:05
Operator : JU/SJ
Sample : K2455-08
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHQ8MSD

Manual Integrations
APPROVED

Sohil
4/23/2019 4:20:12 PM

Quant Time: Apr 23 10:01:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 23 03:50:45 2019
Response via : Initial Calibration



(57) Fluorene-d10 (S)

15.351min (+0.118) 0.52ng/ul

response 41385

Ion	Exp%	Act%
176.00	100	100
174.00	95.60	16.65#
87.00	10.00	269.59#
86.00	9.60	194.91#

Quantitation Report (Qedit)

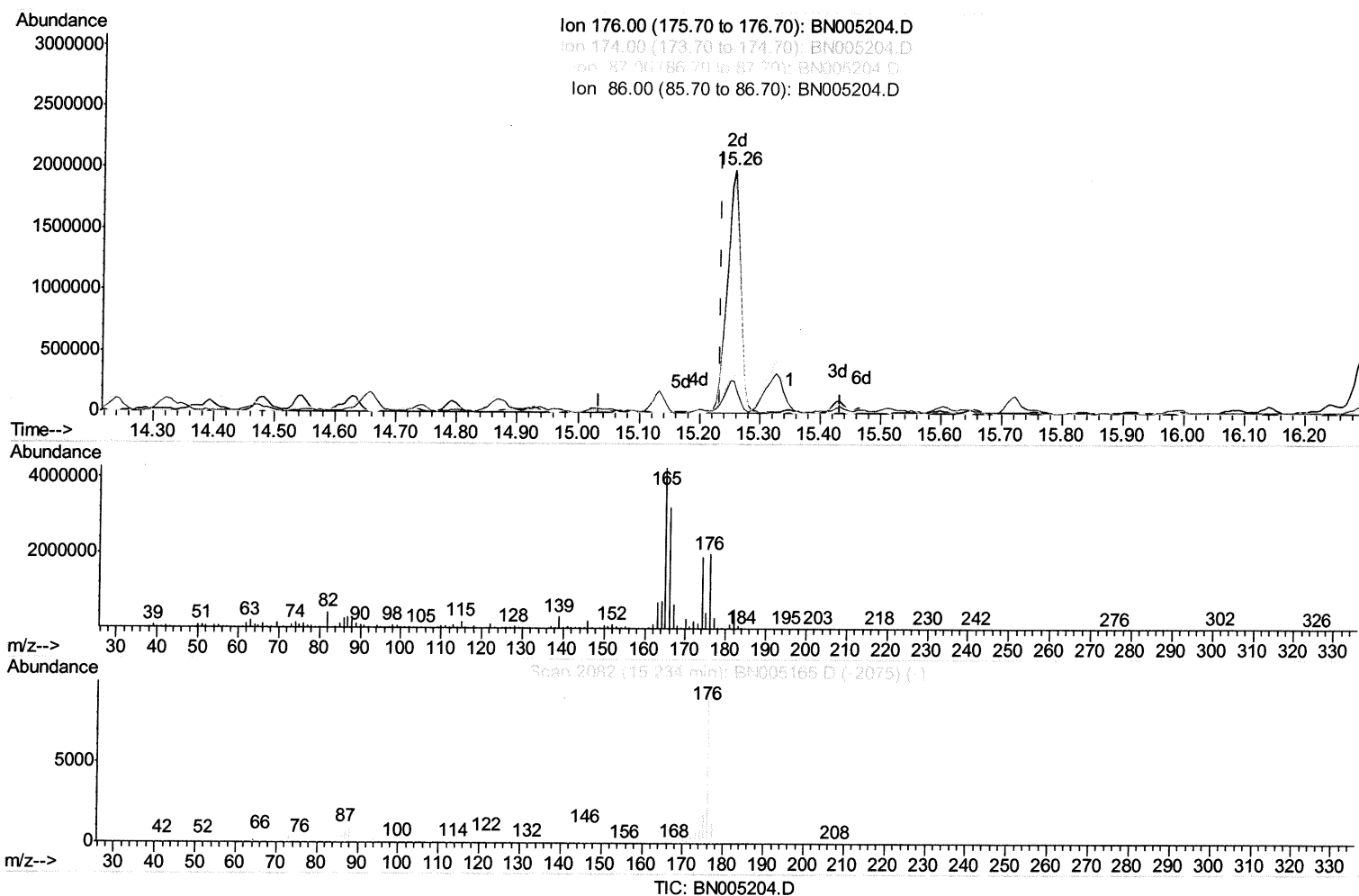
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
 Data File : BN005204.D
 Acq On : 23 Apr 2019 09:05
 Operator : JU/SJ
 Sample : K2455-08
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHQ8MSD

Manual Integrations
 APPROVED

Sohil
 4/23/2019 4:20:12 PM

Quant Time: Apr 23 10:01:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 23 03:50:45 2019
 Response via : Initial Calibration



(57) Fluorene-d10 (S)

15.257min (+0.024) 37.89ng/ul m SJ 04/30/19

response 3016997

Ion	Exp%	Act%
176.00	100	100
174.00	95.60	95.51
87.00	10.00	15.35#
86.00	9.60	13.31#

Quantitation Report (Qedit)

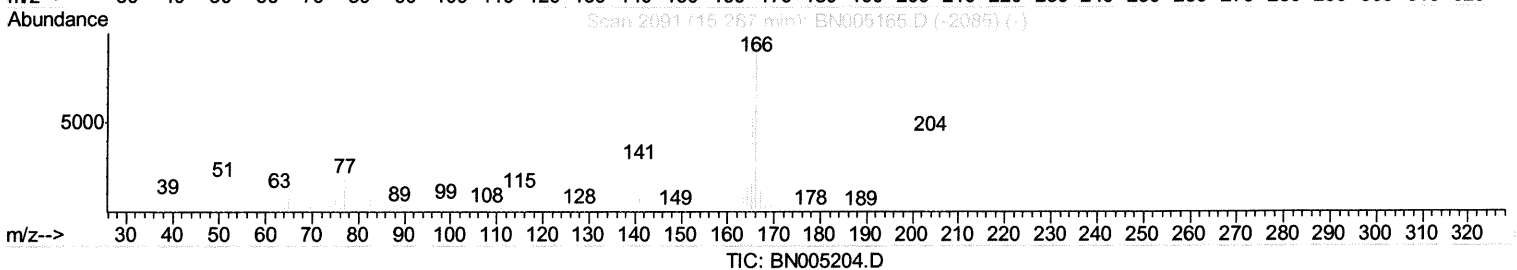
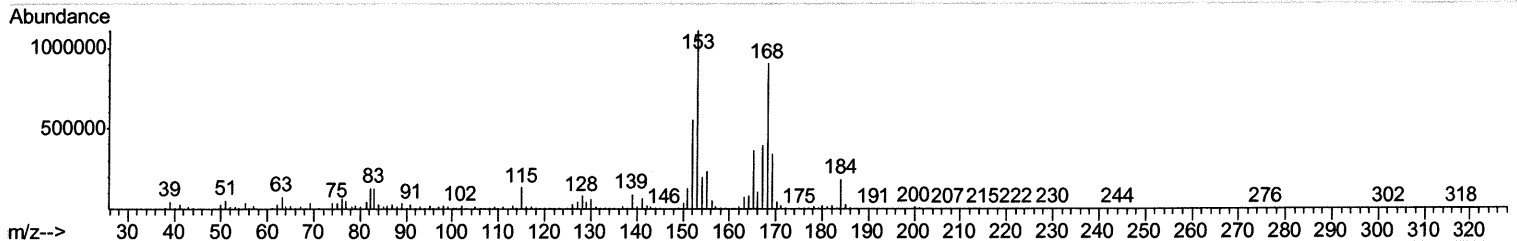
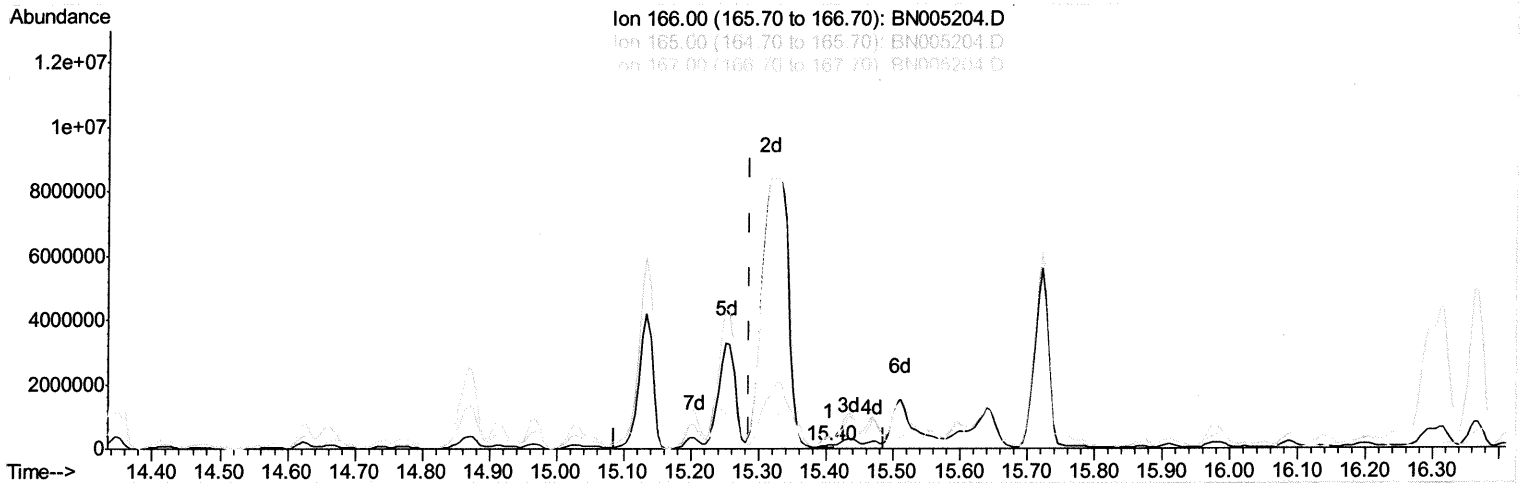
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
 Data File : BN005204.D
 Acq On : 23 Apr 2019 09:05
 Operator : JU/SJ
 Sample : K2455-08
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHQ8MSD

Manual Integrations
 APPROVED

Sohil
 4/23/2019 4:20:12 PM

Quant Time: Apr 23 10:01:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 23 03:50:45 2019
 Response via : Initial Calibration



(58) Fluorene

15.404min (+0.118) 0.70ng/ul

response 61857

Ion	Exp%	Act%
166.00	100	100
165.00	100.00	340.94#
167.00	13.40	373.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

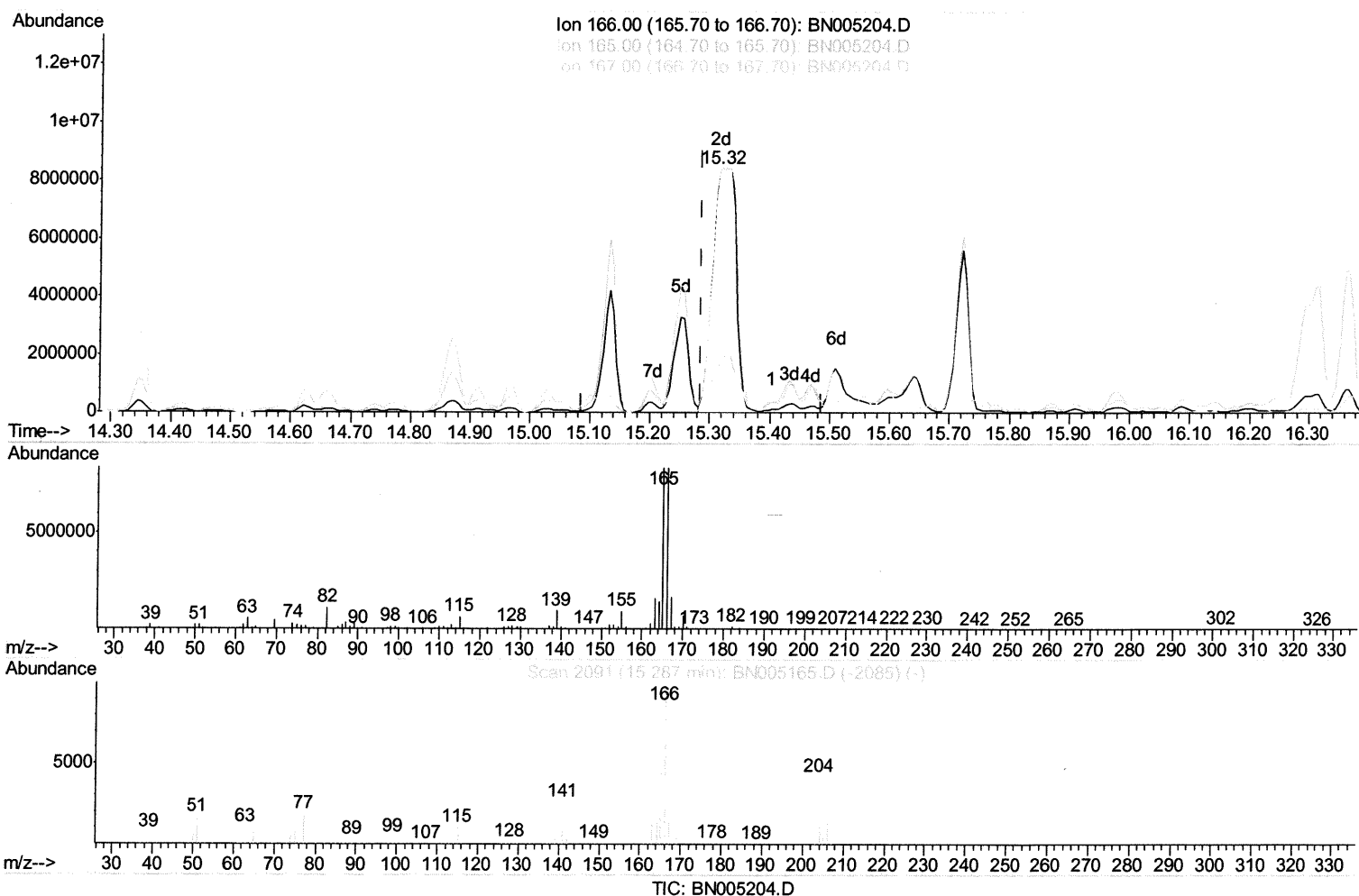
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
Data File : BN005204.D
Acq On : 23 Apr 2019 09:05
Operator : JU/SJ
Sample : K2455-08
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHQ8MSD

Manual Integrations
APPROVED

Sohil
4/23/2019 4:20:12 PM

Quant Time: Apr 23 10:01:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 23 03:50:45 2019
Response via : Initial Calibration



(58) Fluorene

15.316min (+0.030) 260.10ng/ul mS 04/30/19

response 22846334

Ion	Exp%	Act%
166.00	100	100
165.00	100.00	100.00
167.00	13.40	19.76#
0.00	0.00	0.00

Quantitation Report (Qedit)

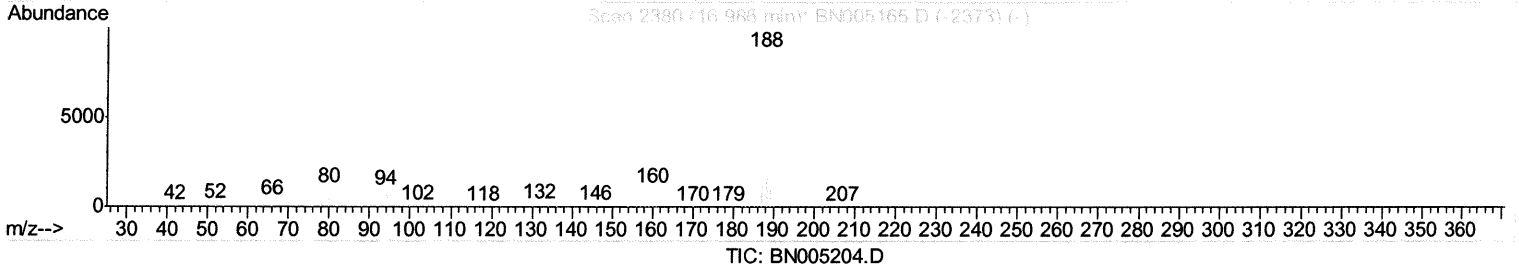
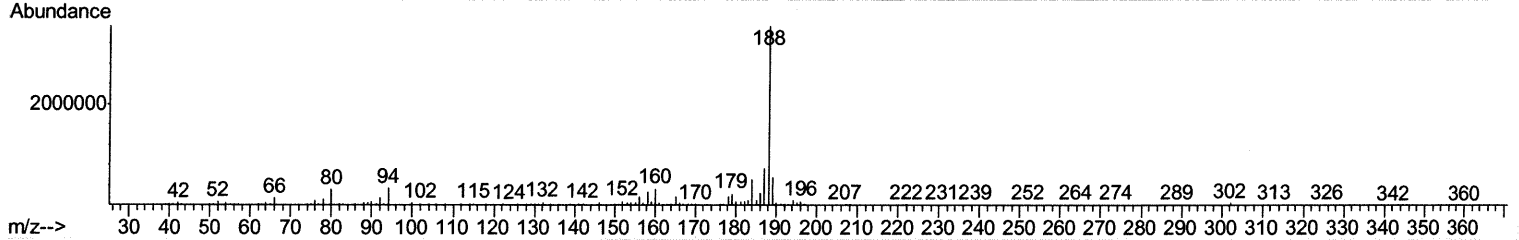
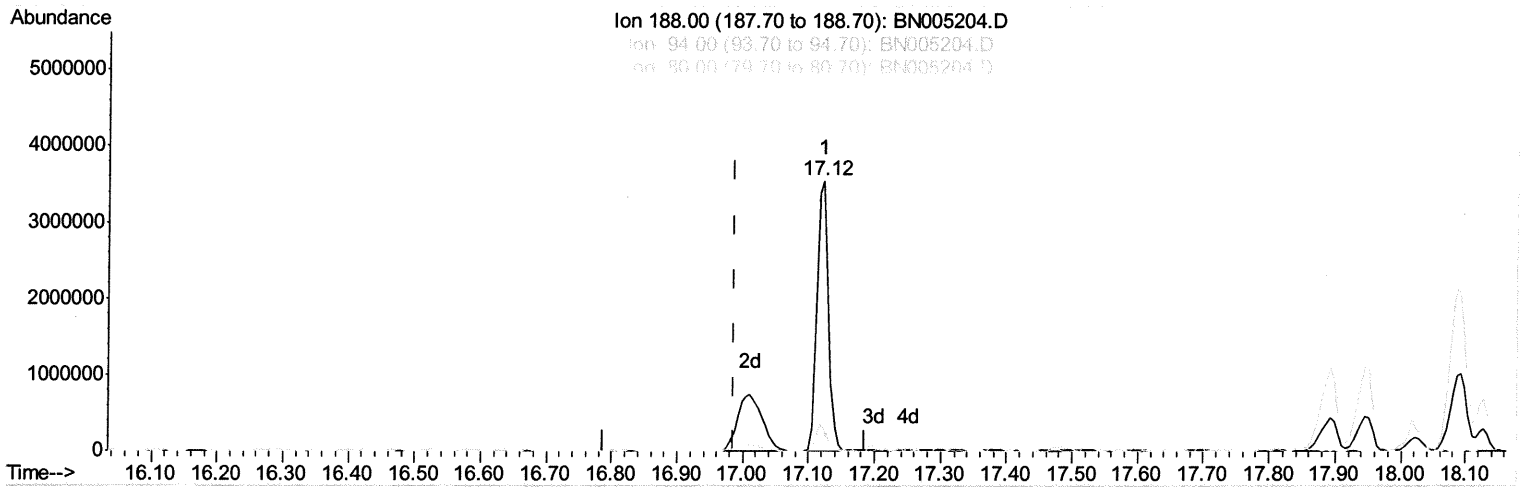
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
 Data File : BN005204.D
 Acq On : 23 Apr 2019 09:05
 Operator : JU/SJ
 Sample : K2455-08
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHQ8MSD

Manual Integrations
 APPROVED

Sohil
 4/23/2019 4:20:12 PM

Quant Time: Apr 23 10:01:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 23 03:50:45 2019
 Response via : Initial Calibration



(61) Phenanthrene-d10 (I)

17.122min (+0.135) 20.00ng/ul

response 4409318

Ion	Exp%	Act%
188.00	100	100
94.00	9.20	9.29
80.00	10.30	8.71
0.00	0.00	0.00

Quantitation Report (Qedit)

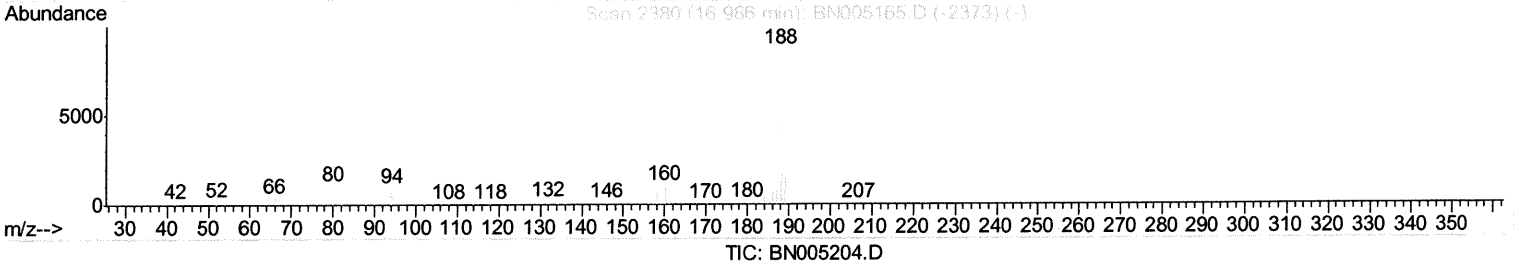
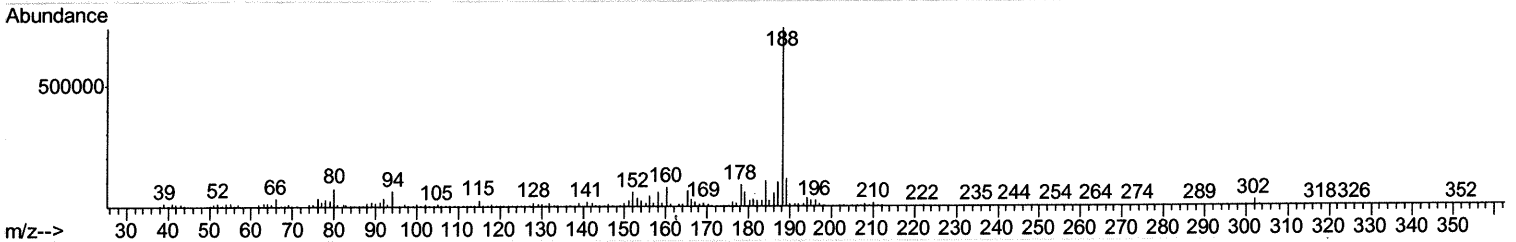
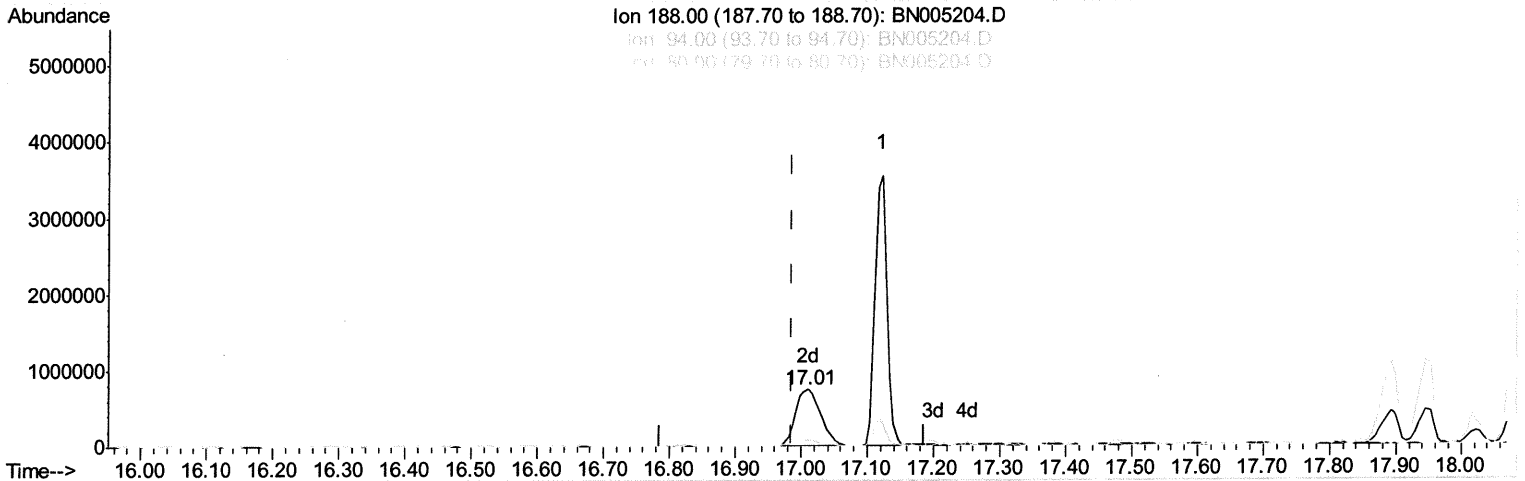
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
 Data File : BN005204.D
 Acq On : 23 Apr 2019 09:05
 Operator : JU/SJ
 Sample : K2455-08
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHQ8MSD

Manual Integrations
 APPROVED

Sohil
 4/23/2019 4:20:12 PM

Quant Time: Apr 23 10:01:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 23 03:50:45 2019
 Response via : Initial Calibration



(61) Phenanthrene-d10 (I)

17.010min (+0.024) 20.00ng/ul mS 04/30/19

response 1916355

Ion	Exp%	Act%
188.00	100	100
94.00	9.20	8.92
80.00	10.30	10.43
0.00	0.00	0.00

Quantitation Report (Qedit)

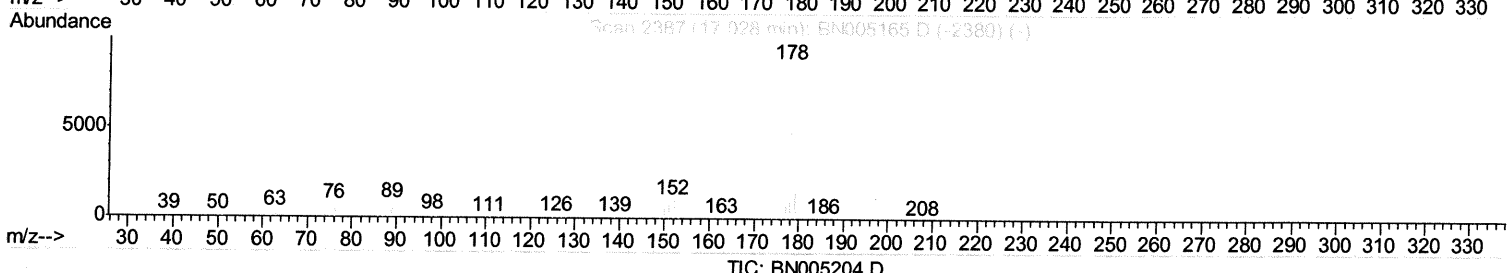
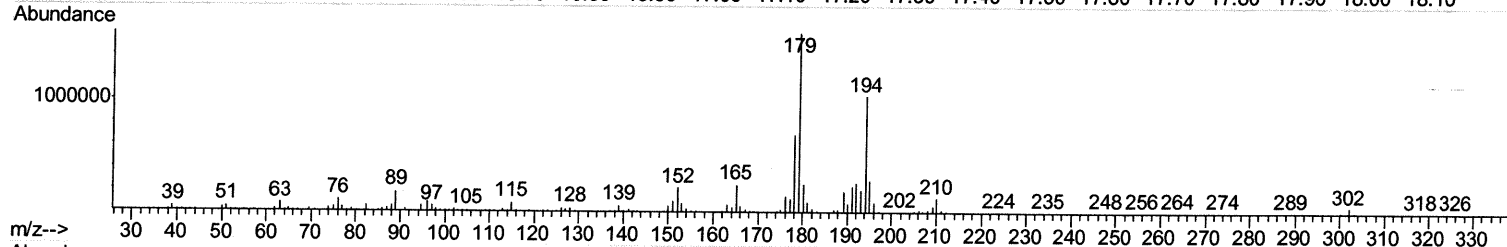
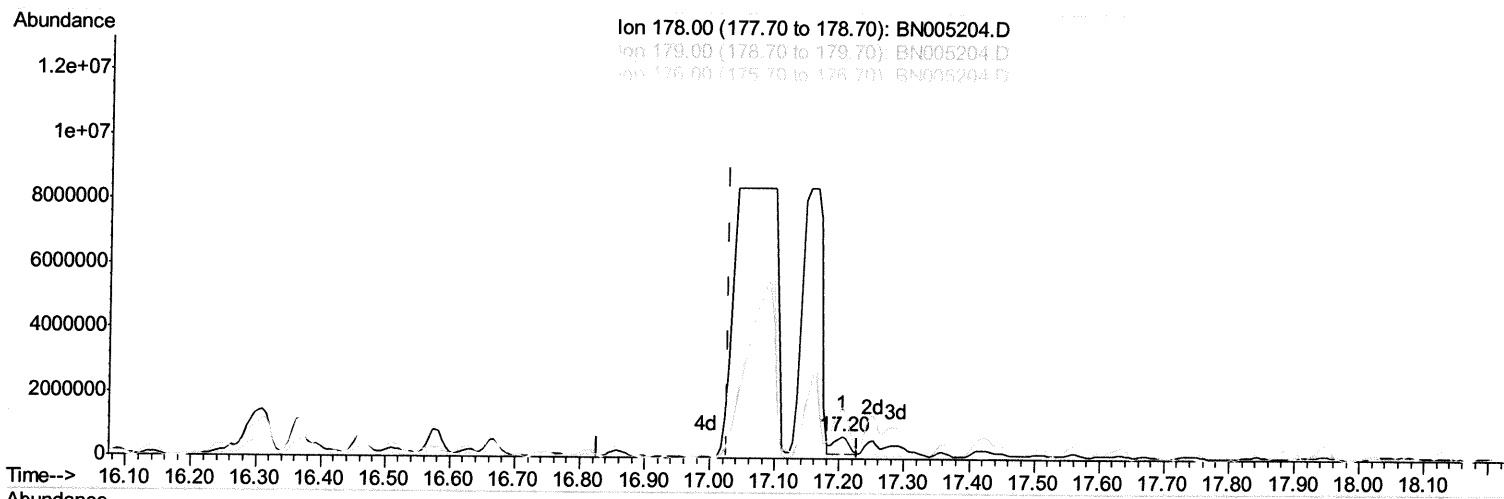
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
 Data File : BN005204.D
 Acq On : 23 Apr 2019 09:05
 Operator : JU/SJ
 Sample : K2455-08
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHQ8MSD

Manual Integrations
 APPROVED

Sohil
 4/23/2019 4:20:12 PM

Quant Time: Apr 23 10:14:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 23 03:50:45 2019
 Response via : Initial Calibration



TIC: BN005204.D

(69) Phenanthrene

17.204min (+0.177) 9.37ng/ul

response 874430

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	232.51#
176.00	18.90	20.04
0.00	0.00	0.00

Quantitation Report (Qedit)

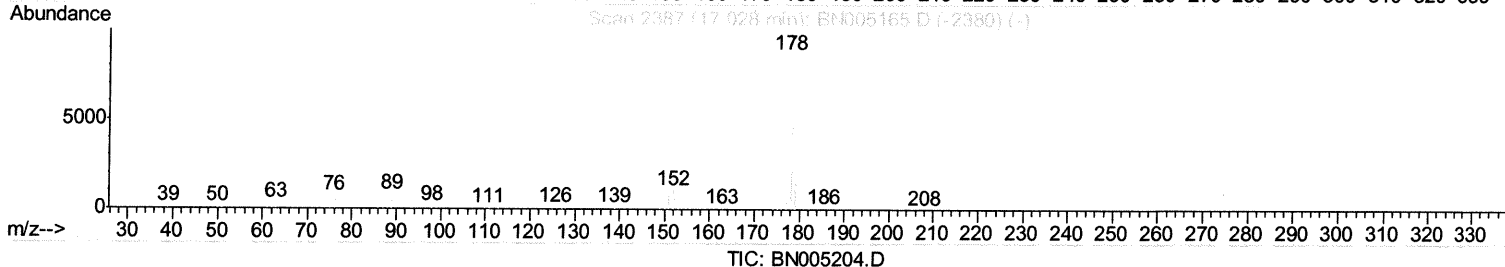
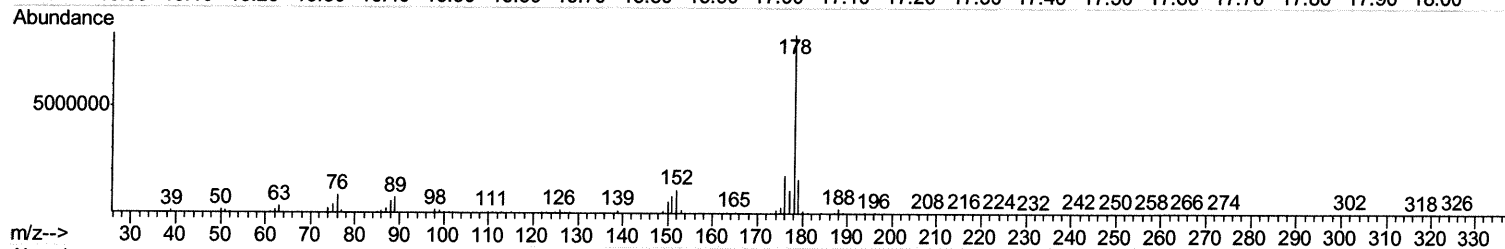
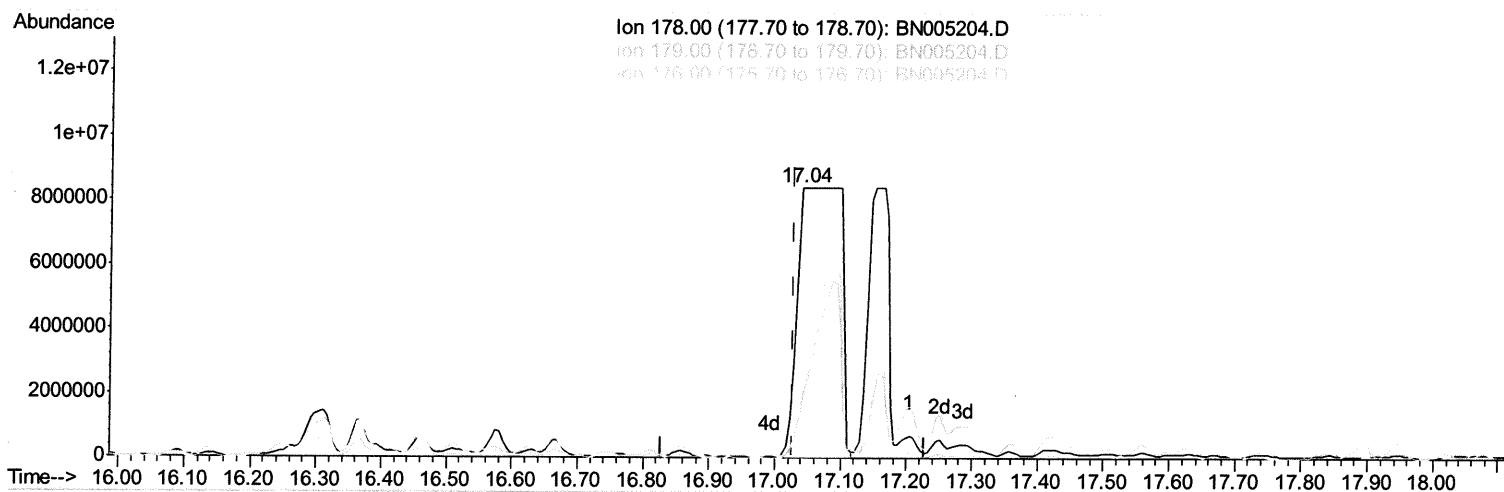
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
 Data File : BN005204.D
 Acq On : 23 Apr 2019 09:05
 Operator : JU/SJ
 Sample : K2455-08
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 GAHQ8MSD

Manual Integrations
 APPROVED

Sohil
 4/23/2019 4:20:12 PM

Quant Time: Apr 23 10:14:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 23 03:50:45 2019
 Response via : Initial Calibration



(69) Phenanthrene

17.040min (+0.012) 406.15ng/ul m SJ04/30/19

response 37905570

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	19.11#
176.00	18.90	21.41
0.00	0.00	0.00

Quantitation Report (Qedit)

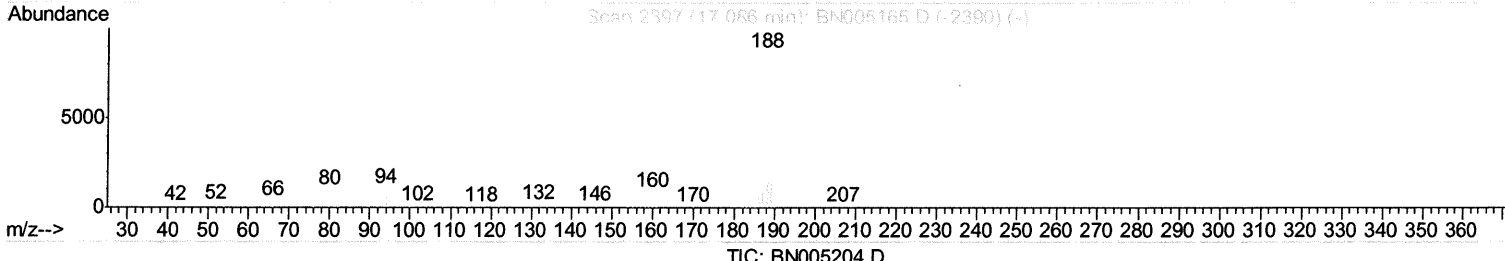
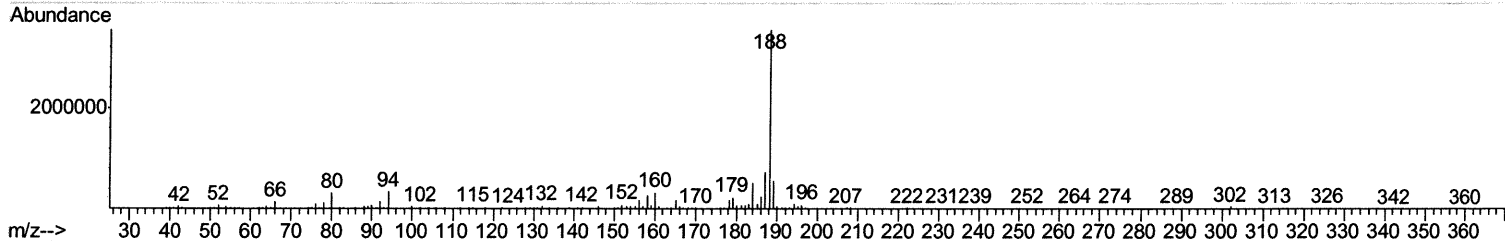
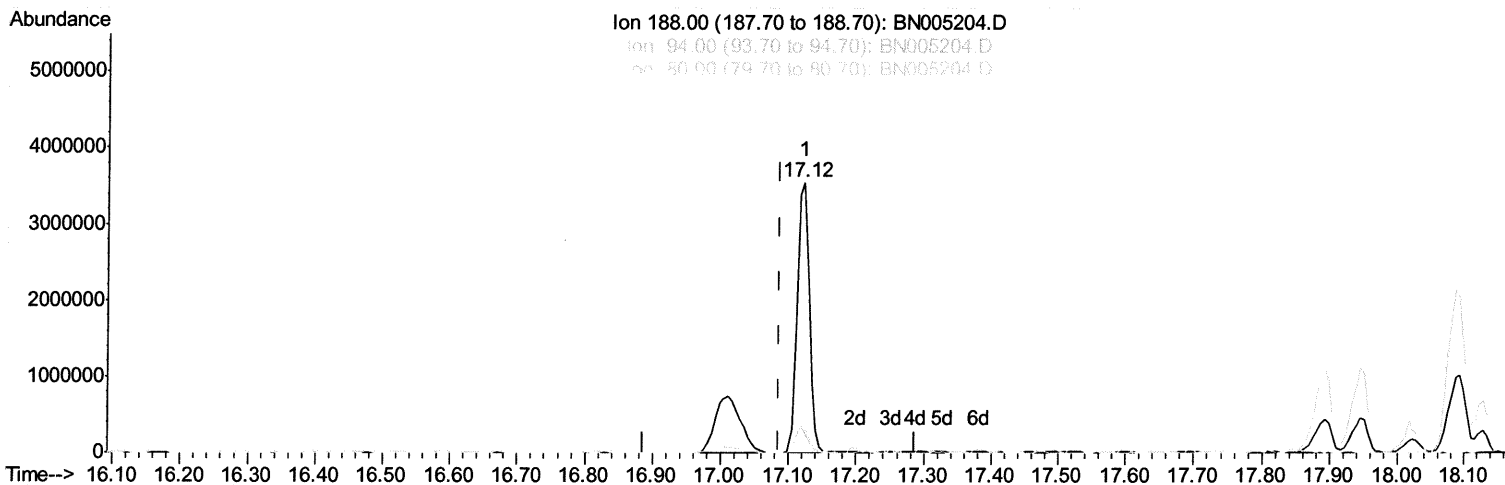
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
 Data File : BN005204.D
 Acq On : 23 Apr 2019 09:05
 Operator : JU/SJ
 Sample : K2455-08
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHQ8MSD

Manual Integrations
 APPROVED

Sohil
 4/23/2019 4:20:12 PM

Quant Time: Apr 23 10:14:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 23 03:50:45 2019
 Response via : Initial Calibration



TIC: BN005204.D

(70) Anthracene-d10 (S)

17.122min (+0.035) 54.89ng/ul

response 4409318

Ion	Exp%	Act%
188.00	100	100
94.00	11.10	9.29
80.00	10.30	8.71
0.00	0.00	0.00

Quantitation Report (Qedit)

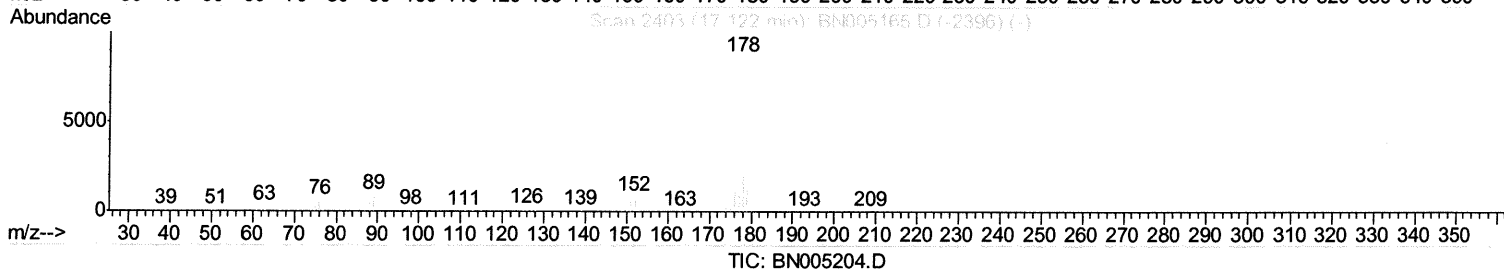
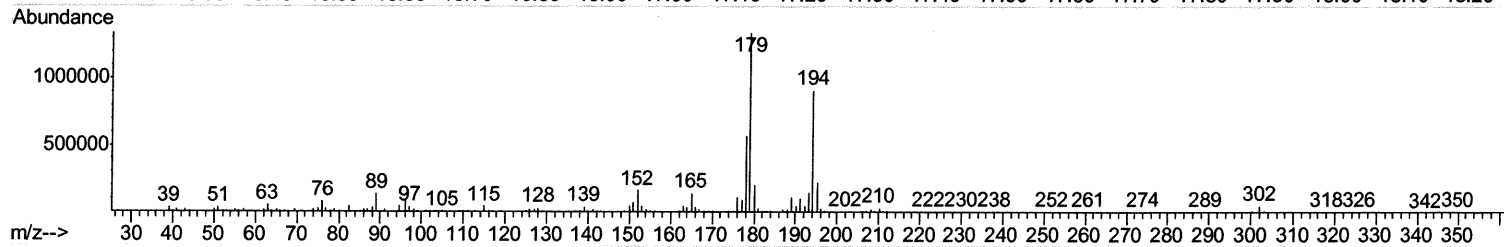
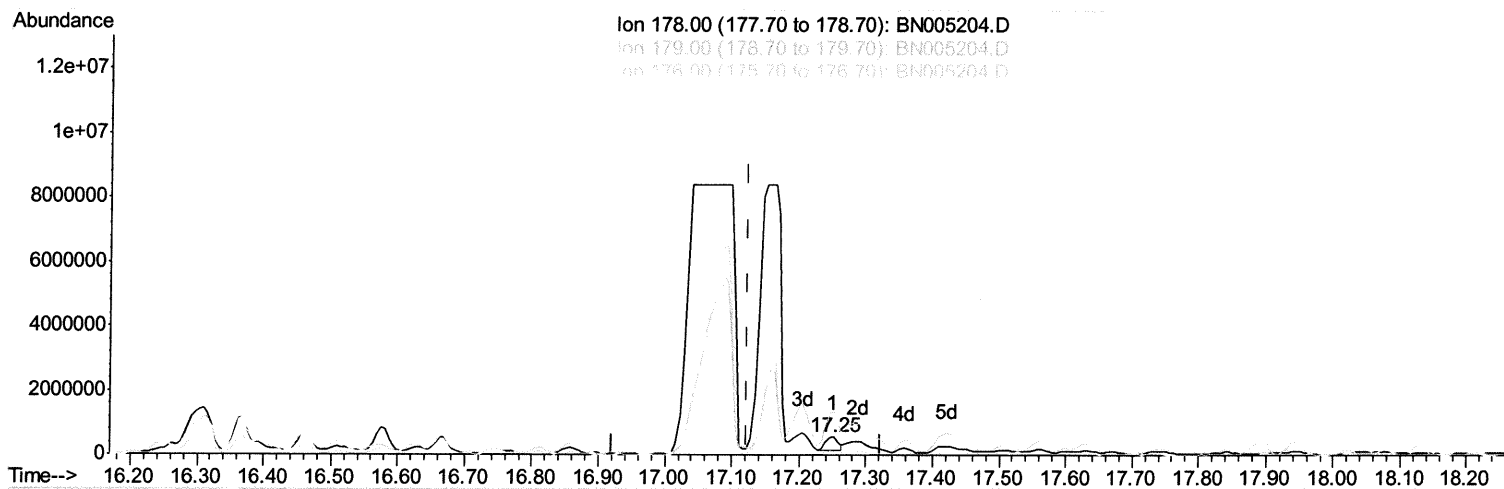
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
Data File : BN005204.D
Acq On : 23 Apr 2019 09:05
Operator : JU/SJ
Sample : K2455-08
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHQ8MSD

Manual Integrations
APPROVED

Sohil
4/23/2019 4:20:12 PM

Quant Time: Apr 23 10:14:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 23 03:50:45 2019
Response via : Initial Calibration



(71) Anthracene

17.251min (+0.130) 5.70ng/ul

response 542005

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	237.05#
176.00	18.90	19.91
0.00	0.00	0.00

Quantitation Report (Qedit)

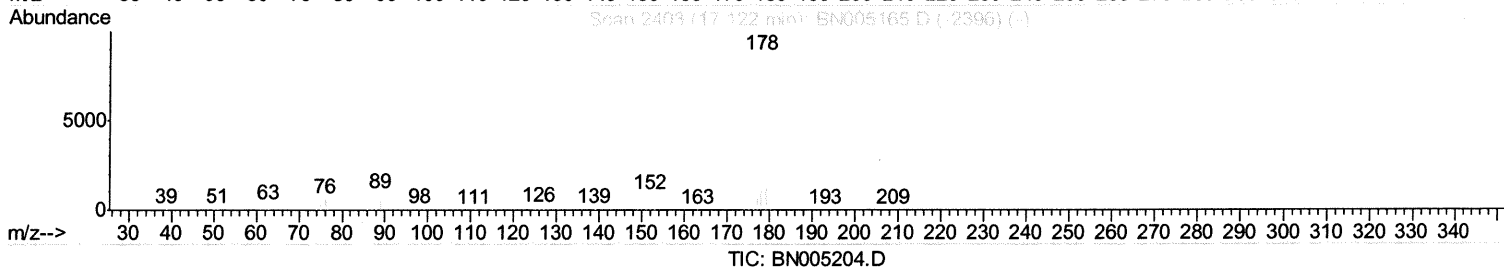
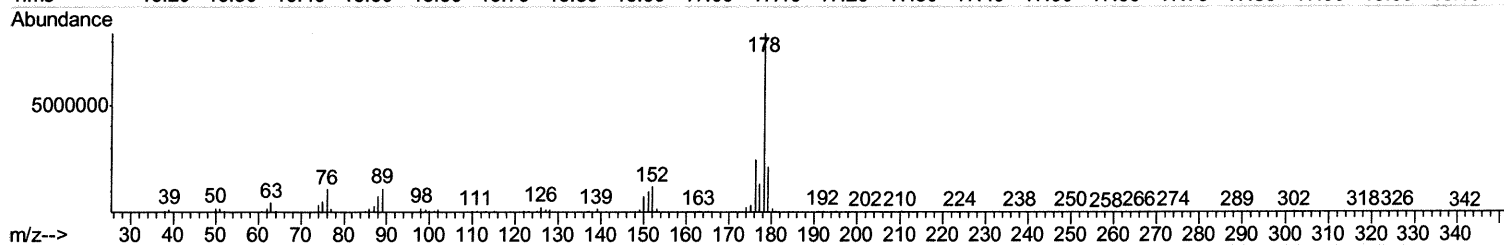
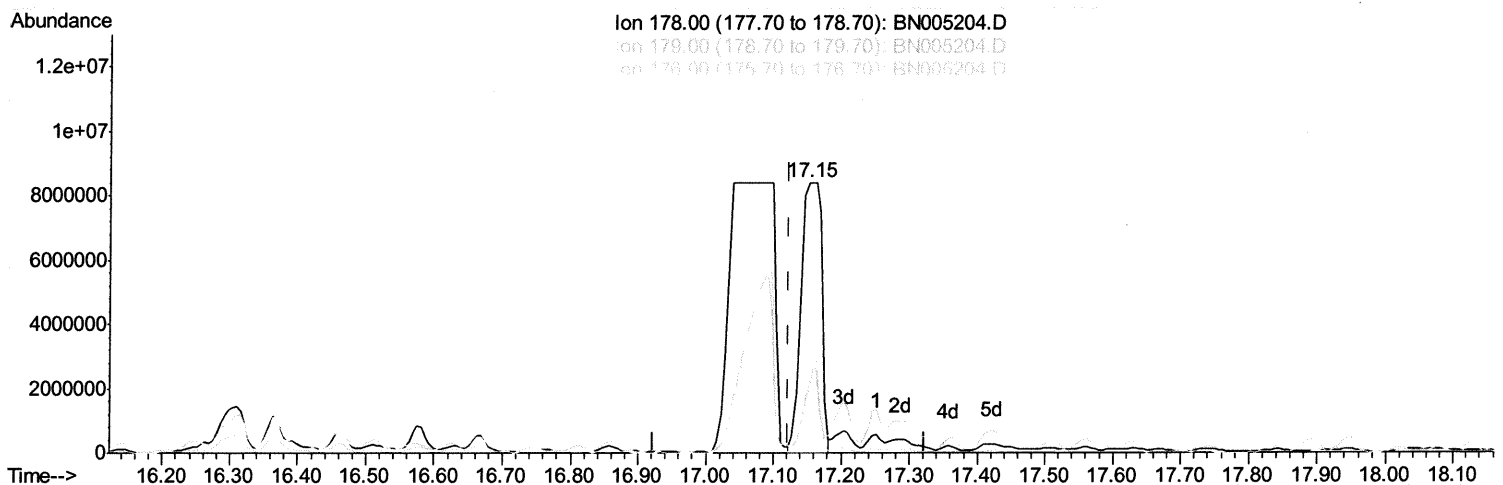
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
Data File : BN005204.D
Acq On : 23 Apr 2019 09:05
Operator : JU/SJ
Sample : K2455-08
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHQ8MSD

Manual Integrations
APPROVED

Sohil
4/23/2019 4:20:12 PM

Quant Time: Apr 23 10:14:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 23 03:50:45 2019
Response via : Initial Calibration



(71) Anthracene

17.151min (+0.030) 184.61ng/ul m 55 04/30/19

response 17552109

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	25.18#
176.00	18.90	29.49#
0.00	0.00	0.00

Quantitation Report (Qedit)

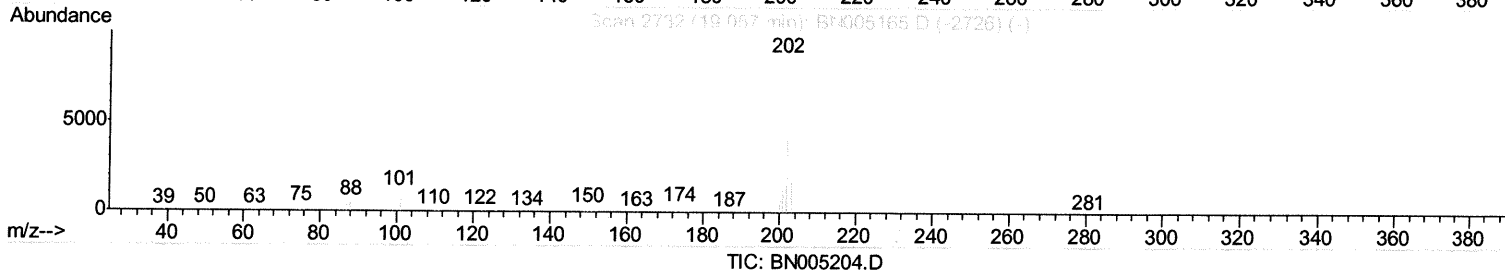
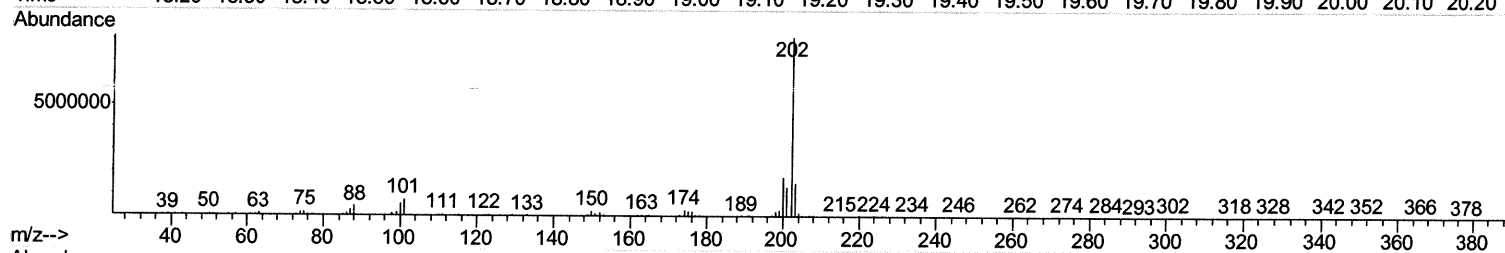
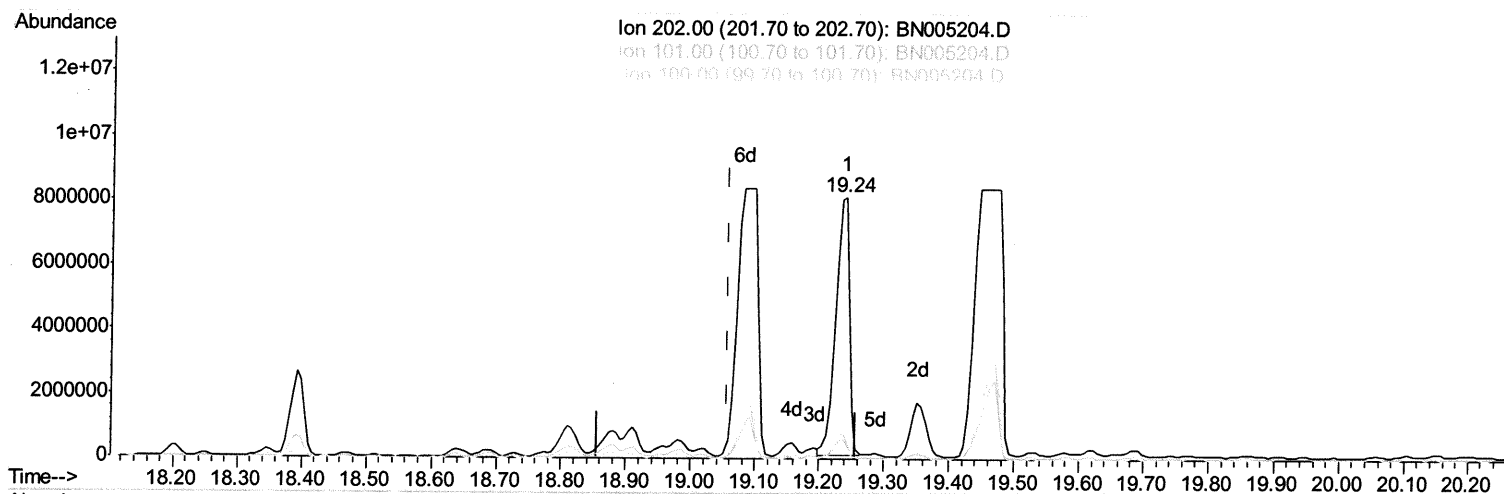
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
Data File : BN005204.D
Acq On : 23 Apr 2019 09:05
Operator : JU/SJ
Sample : K2455-08
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHQ8MSD

Manual Integrations
APPROVED

Sohil
4/23/2019 4:20:12 PM

Quant Time: Apr 23 10:14:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 23 03:50:45 2019
Response via : Initial Calibration



(76) Fluoranthene (C)

19.239min (+0.182) 118.30ng/ui

response 12246904

Ion	Exp%	Act%
202.00	100	100
101.00	10.70	9.07
100.00	7.90	6.97
0.00	0.00	0.00

Quantitation Report (Qedit)

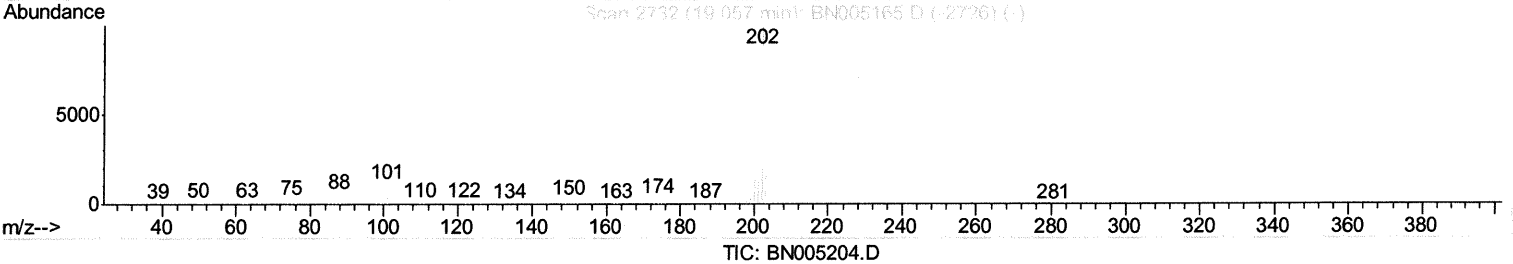
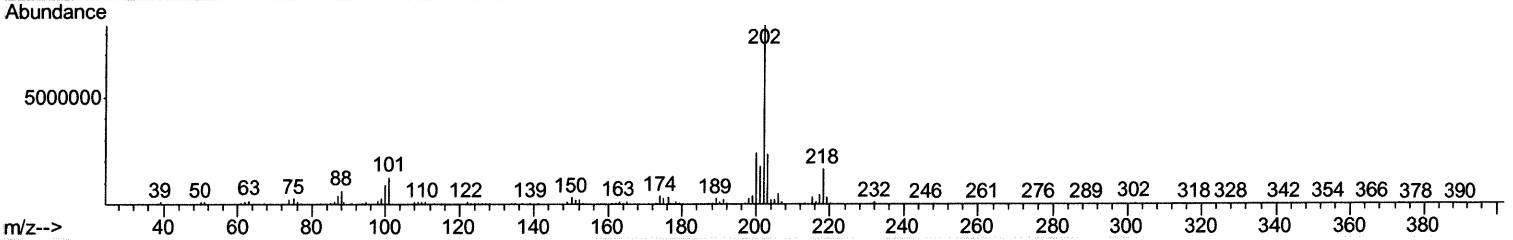
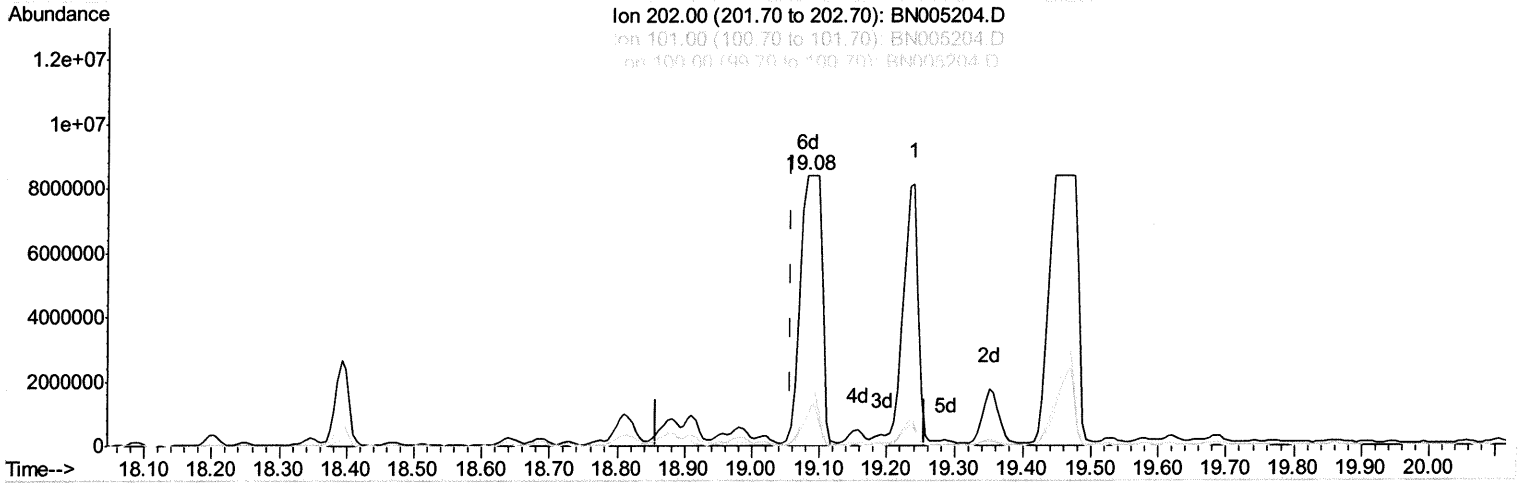
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
 Data File : BN005204.D
 Acq On : 23 Apr 2019 09:05
 Operator : JU/SJ
 Sample : K2455-08
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHQ8MSD

Manual Integrations
 APPROVED

Sohil
 4/23/2019 4:20:12 PM

Quant Time: Apr 23 10:14:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 23 03:50:45 2019
 Response via : Initial Calibration



(76) Fluoranthene (C)

19.081min (+0.024) 180.90ng/ul m SJ 04/30/19

response 18726989

Ion	Exp%	Act%
202.00	100	100
101.00	10.70	15.09#
100.00	7.90	10.92#
0.00	0.00	0.00

Quantitation Report (Qedit)

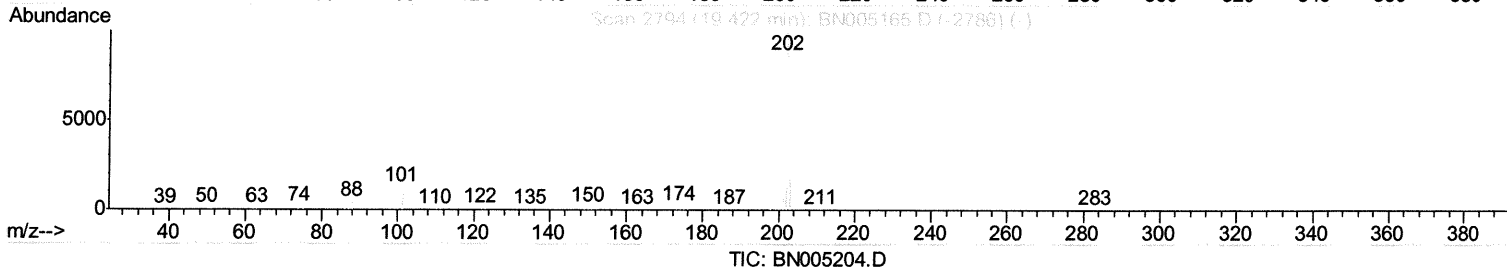
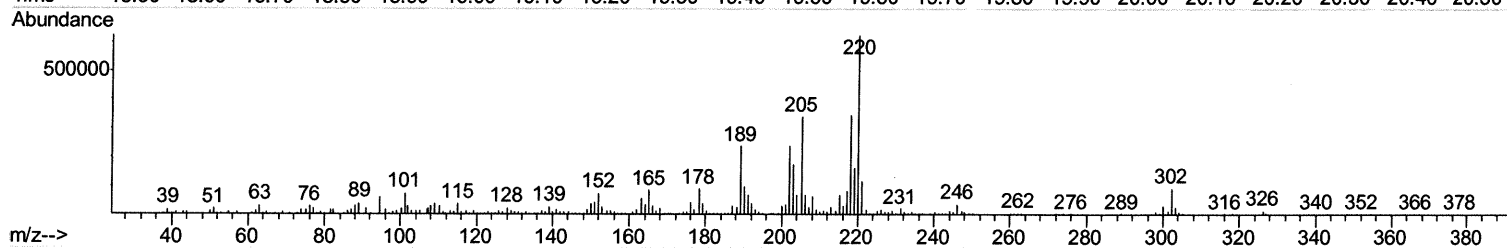
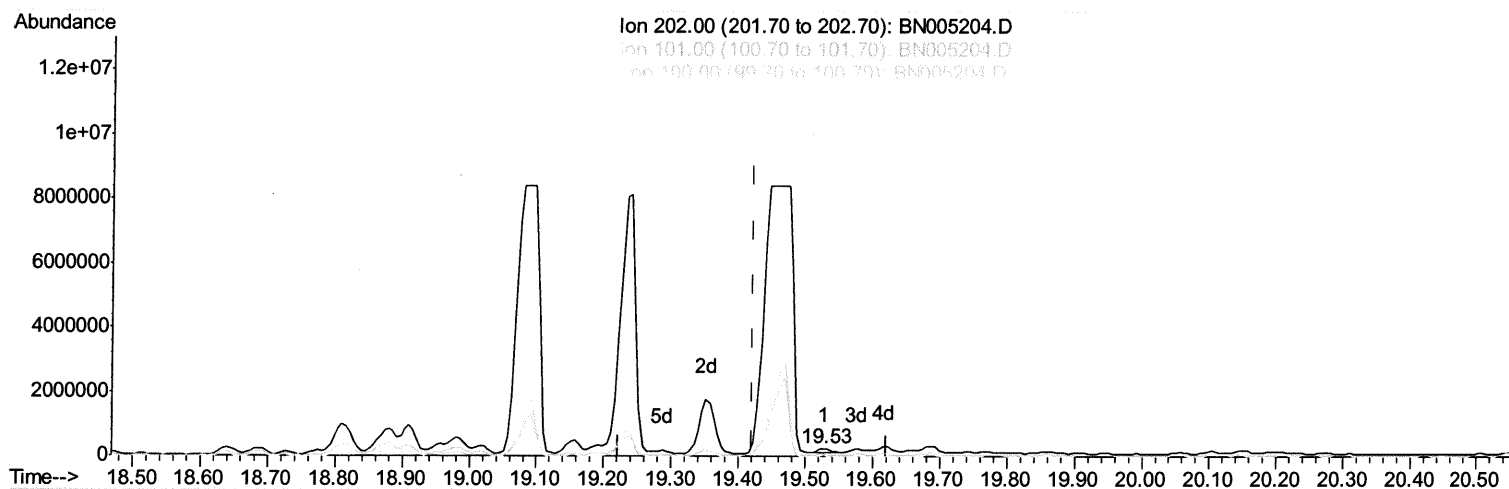
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
Data File : BN005204.D
Acq On : 23 Apr 2019 09:05
Operator : JU/SJ
Sample : K2455-08
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHQ8MSD

Manual Integrations
APPROVED

Sohil
4/23/2019 4:20:12 PM

Quant Time: Apr 23 10:14:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 23 03:50:45 2019
Response via : Initial Calibration



(79) Pyrene

19.528min (+0.106) 1.50ng/ul

response 150488

Ion	Exp%	Act%
202.00	100	100
101.00	12.90	30.63#
100.00	9.90	8.72
0.00	0.00	0.00

Quantitation Report (Qedit)

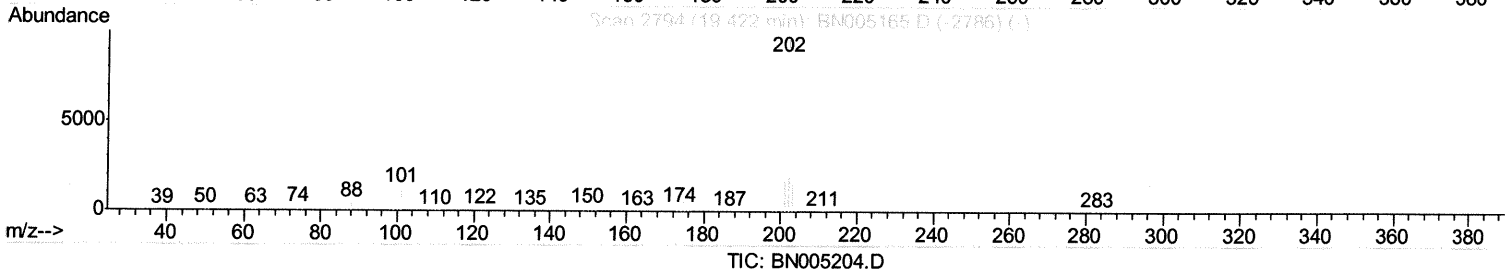
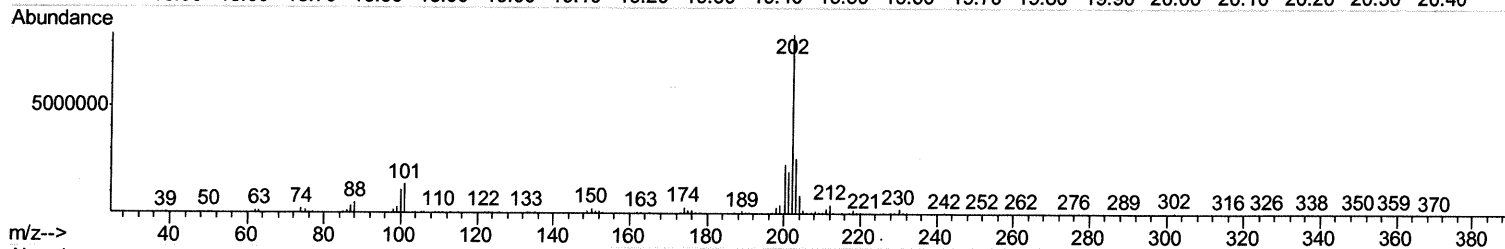
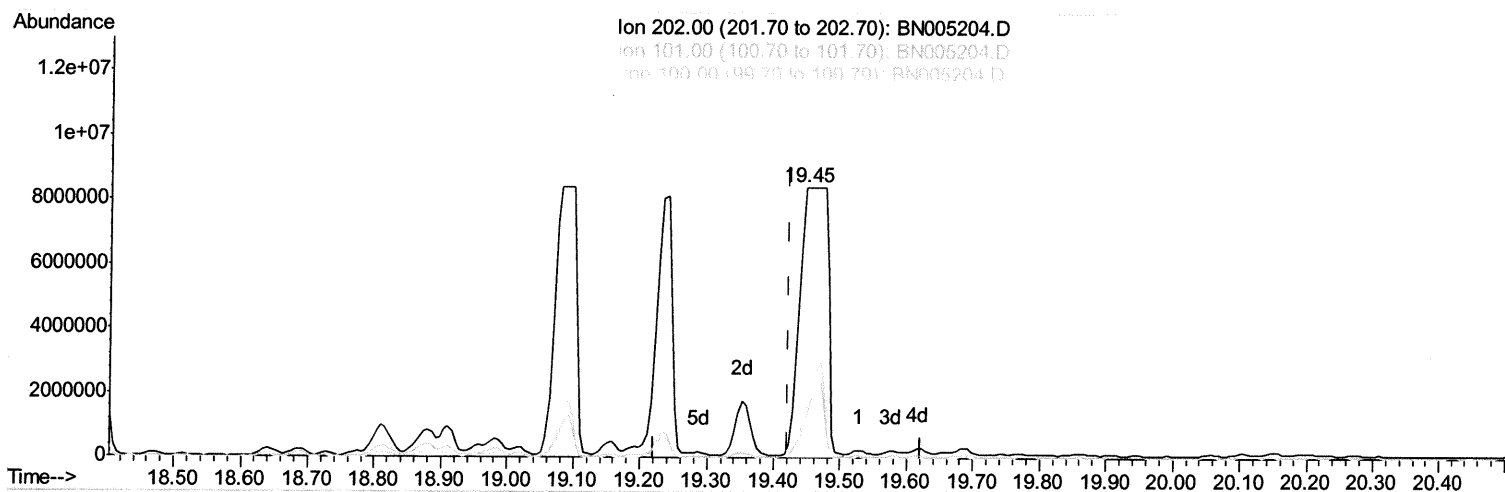
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
Data File : BN005204.D
Acq On : 23 Apr 2019 09:05
Operator : JU/SJ
Sample : K2455-08
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHQ8MSD

Manual Integrations
APPROVED

Sohil
4/23/2019 4:20:12 PM

Quant Time: Apr 23 10:14:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 23 03:50:45 2019
Response via : Initial Calibration



(79) Pyrene

19.445min (+0.024) 242.47ng/ul m 55 04/30/19

response 24387128

Ion	Exp%	Act%
202.00	100	100
101.00	12.90	16.37#
100.00	9.90	12.96#
0.00	0.00	0.00

Quantitation Report (Qedit)

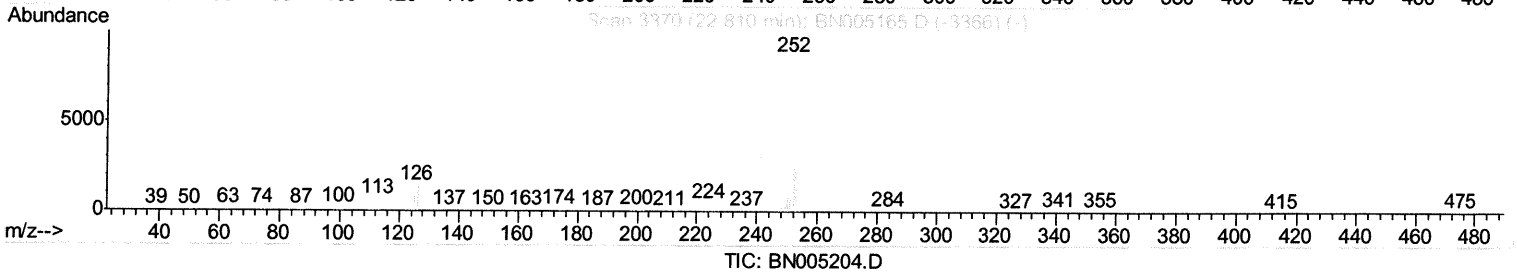
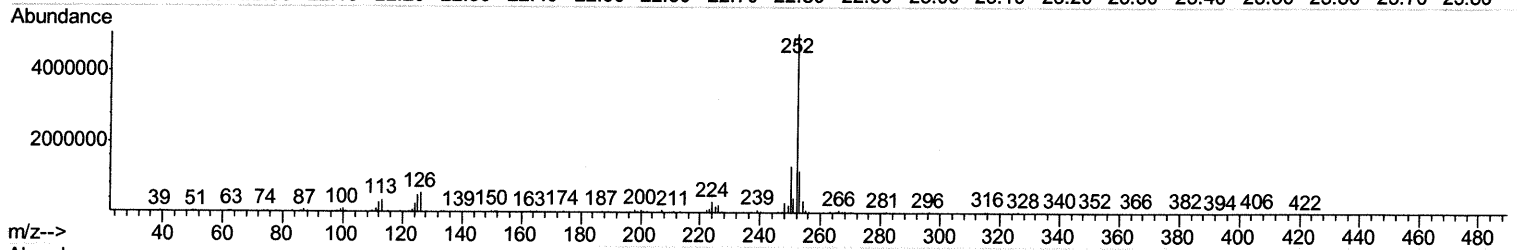
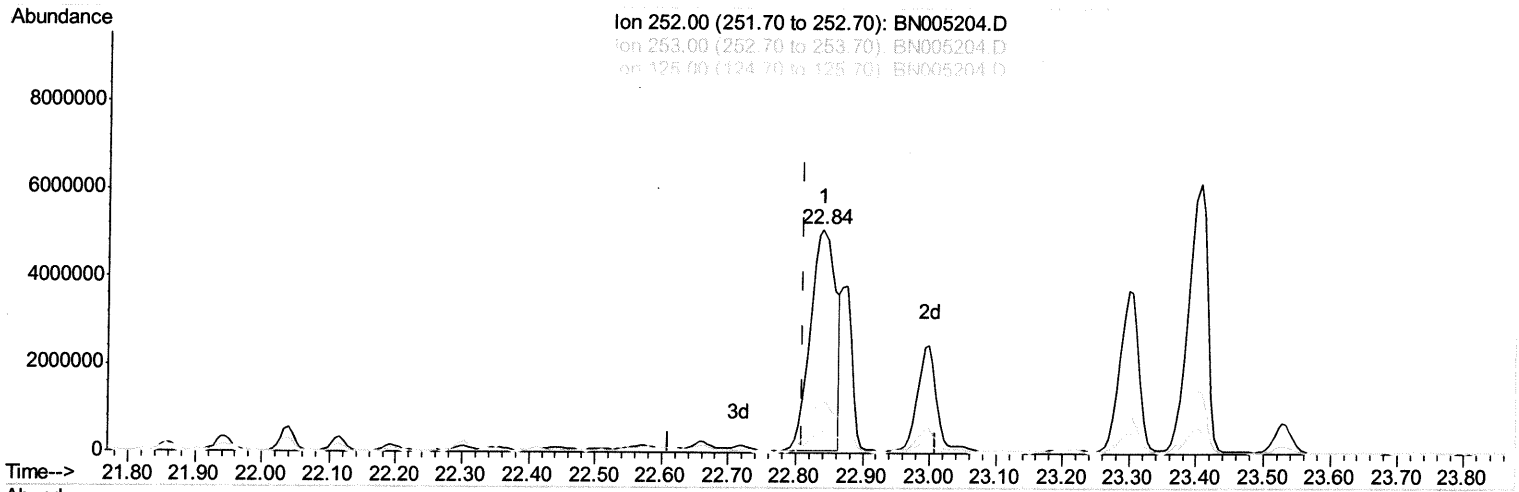
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
 Data File : BN005204.D
 Acq On : 23 Apr 2019 09:05
 Operator : JU/SJ
 Sample : K2455-08
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHQ8MSD

Manual Integrations
 APPROVED

Sohil
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 QLast Update : Tue Apr 23 03:50:45 2019
 Response via : Initial Calibration



(88) Benzo(k)fluoranthene

22.839min (+0.030) 131.10ng/ul

response 13385849

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	23.40
125.00	9.40	9.84
0.00	0.00	0.00

Quantitation Report (Qedit)

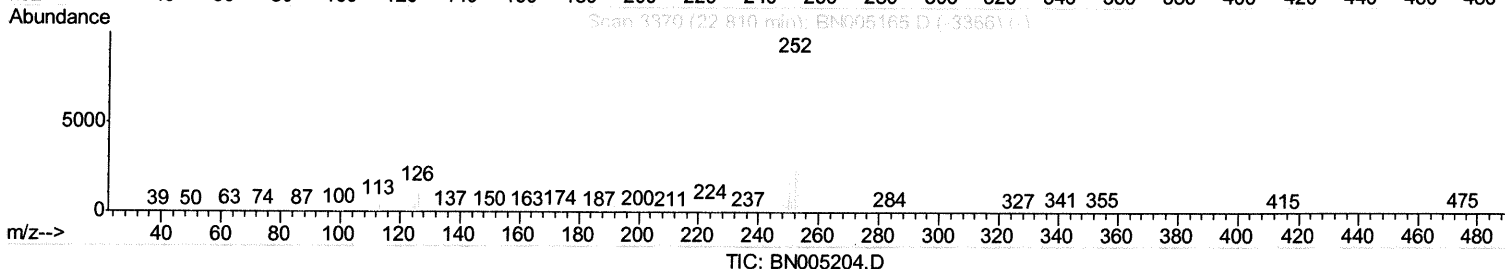
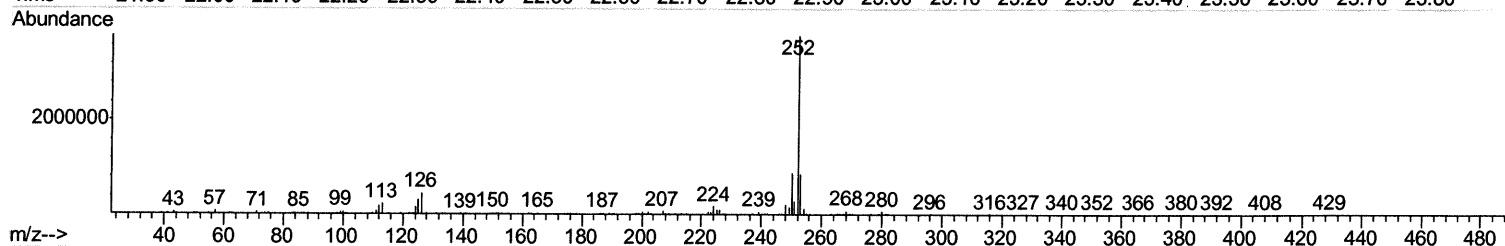
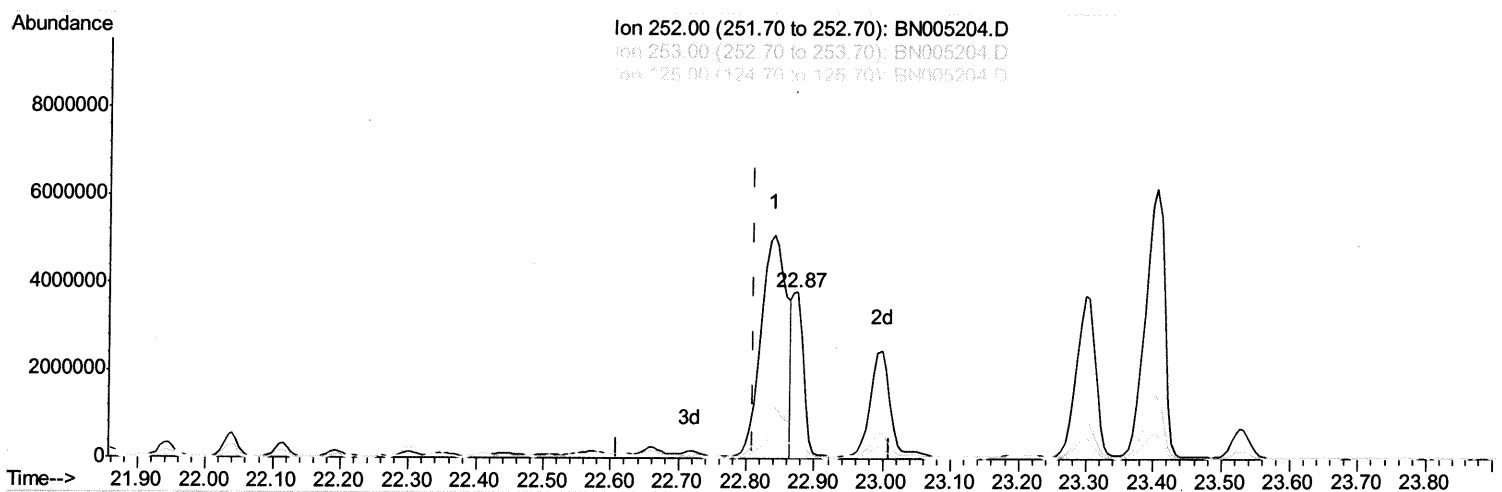
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
 Data File : BN005204.D
 Acq On : 23 Apr 2019 09:05
 Operator : JU/SJ
 Sample : K2455-08
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHQ8MSD

Manual Integrations
 APPROVED

Sohil
 4/23/2019 4:20:12 PM

Quant Time: Apr 23 10:14:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 23 03:50:45 2019
 Response via : Initial Calibration



(88) Benzo(k)fluoranthene

22.875min (+0.065) 43.11ng/ul m *SJ 04/30/19*

response 4401044

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.81
125.00	9.40	8.38
0.00	0.00	0.00

Quantitation Report (Qedit)

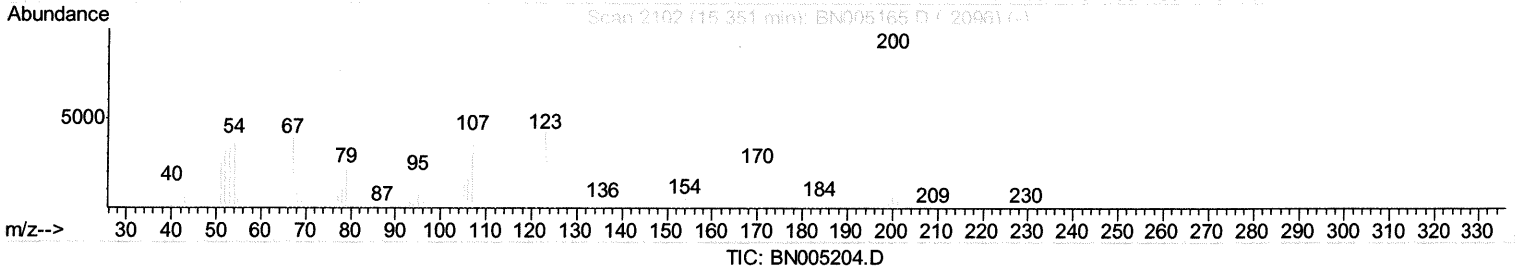
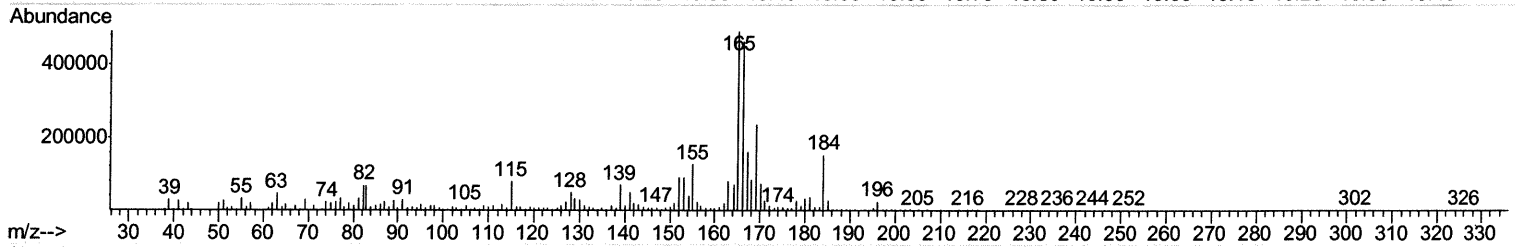
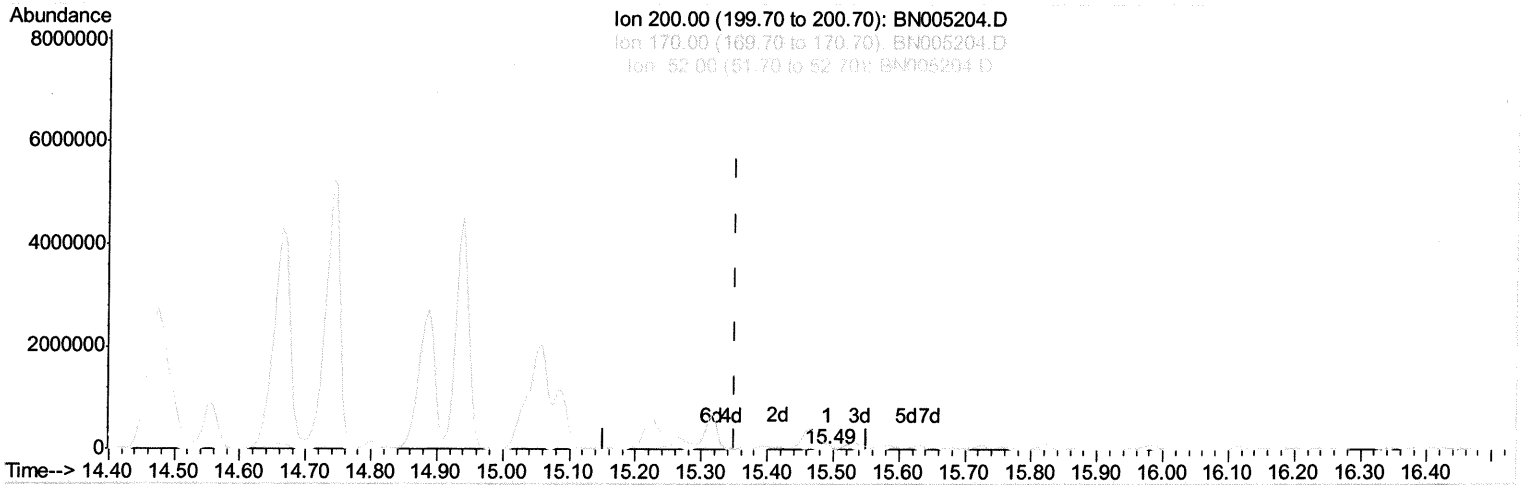
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
 Data File : BN005204.D
 Acq On : 23 Apr 2019 09:05
 Operator : JU/SJ
 Sample : K2455-08
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHQ8MSD

Manual Integrations
 APPROVED

Sohil
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Quant Time: Apr 23 10:16:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 23 03:50:45 2019
 Response via : Initial Calibration



(62) 4,6-Dinitro-2-methylphenol-d2 (S)

15.493min (+0.141) 0.43ng/ul

response 3681

Ion	Exp%	Act%
200.00	100	100
170.00	22.60	1691.62#
52.00	49.60	203.39#
0.00	0.00	0.00

Quantitation Report (Qedit)

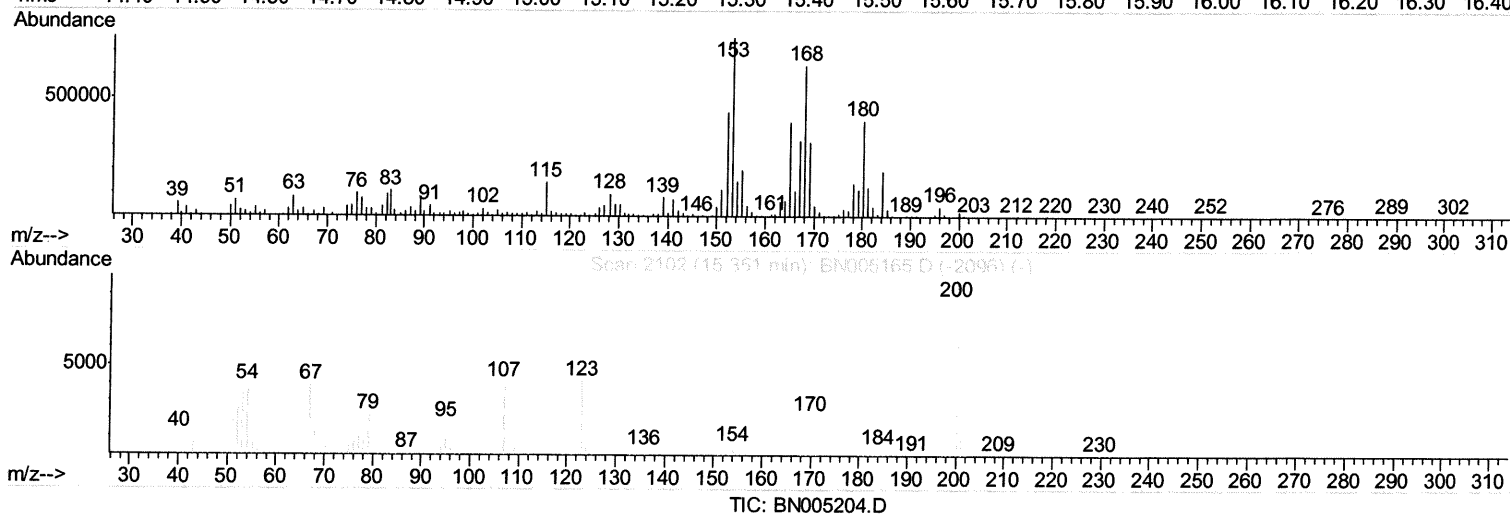
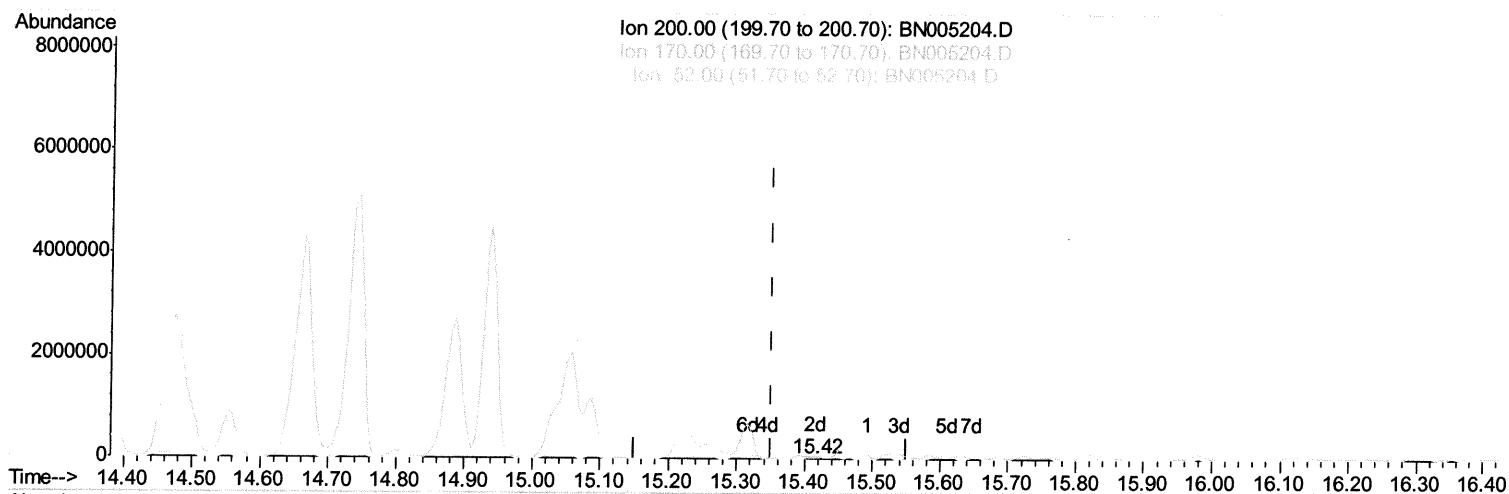
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
Data File : BN005204.D
Acq On : 23 Apr 2019 09:05
Operator : JU/SJ
Sample : K2455-08
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHQ8MSD

Manual Integrations
APPROVED

Sohil
4/23/2019 4:20:12 PM

Quant Time: Apr 23 10:16:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 23 03:50:45 2019
Response via : Initial Calibration



(62) 4,6-Dinitro-2-methylphenol-d2 (S)

15.416min (+0.065) 4.45ng/ul m 5/04/2019

response 38329

Ion	Exp%	Act%
200.00	100	100
170.00	22.60	208.71#
52.00	49.60	109.17#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
 Data File : BN005204.D
 Acq On : 23 Apr 2019 09:05
 Operator : JU/SJ
 Sample : K2455-08
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHQ8MSD

Manual Integrations
 APPROVED

Sohil
 4/23/2019 4:20:12 PM

Quant Time: Apr 23 10:17:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 23 03:50:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	349927	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	1406226	20.00	ng/ul	0.04
35) Acenaphthene-d10	14.25	164	1307038m>	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.01	188	1916355m>	20.00	ng/ul	0.02
77) Chrysene-d12	21.26	240	1562094	20.00	ng/ul	0.04
85) Perylene-d12	23.49	264	1901788	20.00	ng/ul	0.06

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	121603	16.78	ng/uL	0.00
5) Phenol-d5	6.78	99	1891831	68.84	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	6.95	67	1171561	68.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	1481936	70.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	1553238	72.30	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	844728	97.60	ng/ul	0.01
22) 2-Nitrophenol-d4	9.46	143	756433	86.21	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.00	165	1488985	74.03	ng/ul	0.01
29) 4-Chloroaniline-d4	10.51	131	1791027m>	86.35	ng/ul	0.01
43) Dimethylphthalate-d6	13.69	166	3826768	40.33	ng/ul	0.04
46) Acenaphthylene-d8	13.96	160	4770041	40.93	ng/ul	0.04
51) 4-Nitrophenol-d4	14.46	143	684433m>	45.69	ng/ul	0.03
57) Fluorene-d10	15.26	176	3016997m>	37.89	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.42	200	38329m>	4.45	ng/ul	0.06
70) Anthracene-d10	17.12	188	4409318	54.89	ng/ul	0.04
78) Pyrene-d10	19.42	212	4604156	57.62	ng/ul	0.02
89) Benzo(a)pyrene-d12	23.35	264	4761014	57.28	ng/ul	0.07

Target Compounds

					Qvalue	
6) Phenol	6.81	94	1874706	66.316	ng/ul	100
10) 2-Chlorophenol	7.18	128	1460232	67.155	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.41	70	1263280	68.686	ng/ul	94
24) 2,4-Dimethylphenol	9.58	107	32271	1.296	ng/ul#	47
28) Naphthalene	10.42	128	49907387m>	763.423	ng/ul	→ SJ 04/30/19
33) 4-Chloro-3-methylphenol	11.72	107	1604849	71.802	ng/ul#	49
34) 2-Methylnaphthalene	12.05	142	68865432m>	438.684	ng/ul	→ SJ 04/30/19
40) 1,1'-Biphenyl	13.08	154	16388680	168.285	ng/ul	90
44) Dimethylphthalate	13.73	163	661170	6.994	ng/ul	96
47) Acenaphthylene	13.98	152	26400502m>	230.526	ng/ul	→ SJ 04/30/19
49) Acenaphthene	14.32	153	9241189	118.199	ng/ul	99
52) 4-Nitrophenol	14.47	109	524046m>	38.537	ng/ul	→ SJ 04/30/19
53) Dibenzofuran	14.66	168	7962161	70.733	ng/ul	91
58) Fluorene	15.32	166	22846334m>	260.099	ng/ul	→ SJ 04/30/19
68) Pentachlorophenol	16.67	266	648568	53.881	ng/ul	99
69) Phenanthrene	17.04	178	37905570m>	406.147	ng/ul	→ SJ 04/30/19
71) Anthracene	17.15	178	17552109m>	184.614	ng/ul	→ SJ 04/30/19
76) Fluoranthene	19.08	202	18726989m>	180.902	ng/ul	→ SJ 04/30/19
79) Pyrene	19.45	202	24387128m>	242.469	ng/ul	→ SJ 04/30/19
82) Benzo(a)anthracene	21.23	228	15410727	158.582	ng/ul#	65
84) Chrysene	21.29	228	14897483	165.178	ng/ul#	90
87) Benzo(b)fluoranthene	22.84	252	13385849	125.213	ng/ul	98
88) Benzo(k)fluoranthene	22.87	252	4401044m>	43.105	ng/ul	→ SJ 04/30/19

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
Data File : BN005204.D
Acq On : 23 Apr 2019 09:05
Operator : JU/SJ
Sample : K2455-08
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations
APPROVED

Sohil
4/23/2019 4:20:12 PM

Quant Time: Apr 23 10:17:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 23 03:50:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
90) Benzo(a)pyrene	23.40	252	12059714	120.015	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.69	276	6203958	55.842	ng/ul	95
92) Dibenzo(a,h)anthracene	25.69	278	2089410	22.161	ng/ul	96
93) Benzo(g,h,i)perylene	26.36	276	4518602	49.189	ng/ul	97

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