

(QT Reviewed)

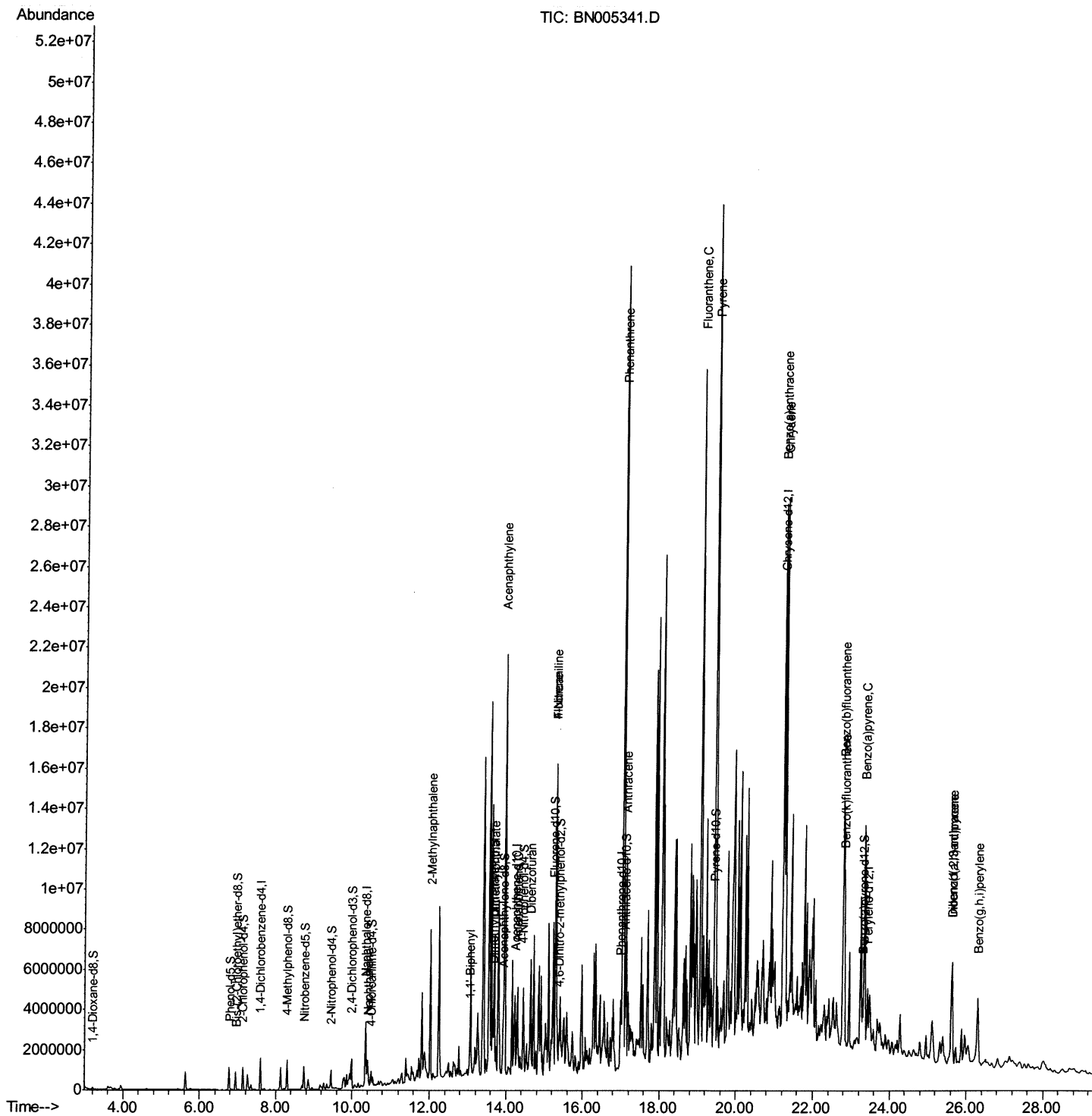
```
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042619\  
Data File : BN005341.D  
Acq On    : 27 Apr 2019   05:42  
Operator  : JU/SJ  
Sample    : K2456-10  
Misc      :  
ALS Vial  : 24      Sample Multiplier: 1
```

Instrument :
BNA_N
ClientSampleId :
GAHP8

Manual Integrations
APPROVED

Sohil
4/29/2019 1:44:12 PM

Quant Time: Apr 29 03:14:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 25 03:19:34 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

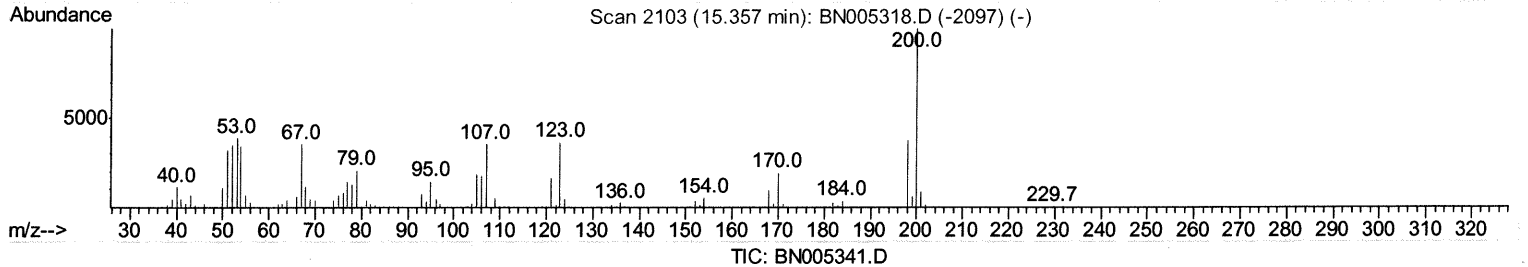
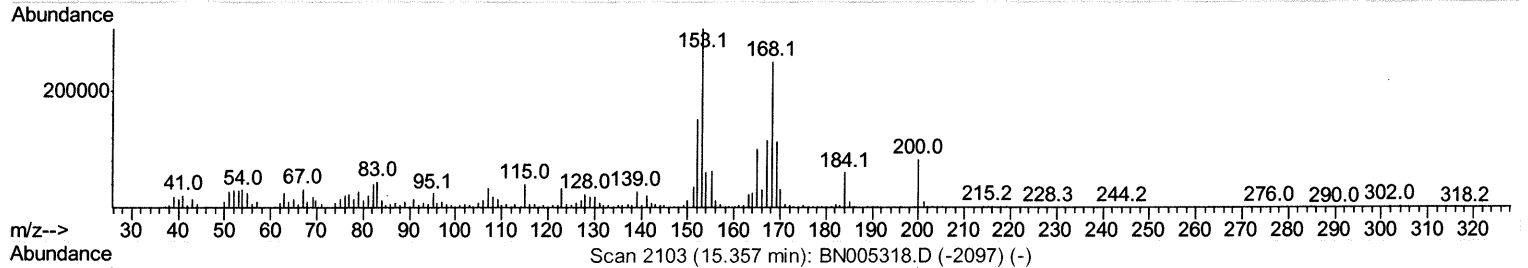
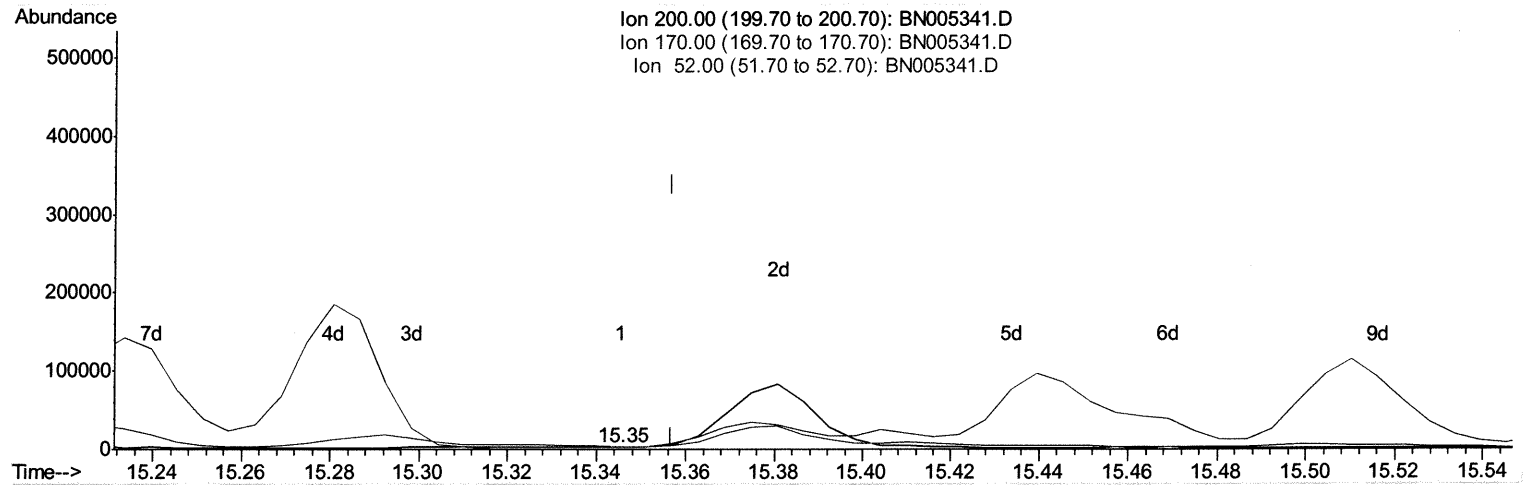
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042619\
 Data File : BN005341.D
 Acq On : 27 Apr 2019 05:42
 Operator : JU/SJ
 Sample : K2456-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHP8

Manual Integrations
 APPROVED

Sohil
 4/29/2019 1:44:12 PM

Quant Time: Apr 29 02:22:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 25 03:19:34 2019
 Response via : Initial Calibration



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

15.345min (-0.011) 0.16ng/ul

response 1868

Ion	Exp%	Act%
200.00	100	100
170.00	22.60	91.60#
52.00	49.60	127.85#
0.00	0.00	0.00

Quantitation Report (Qedit)

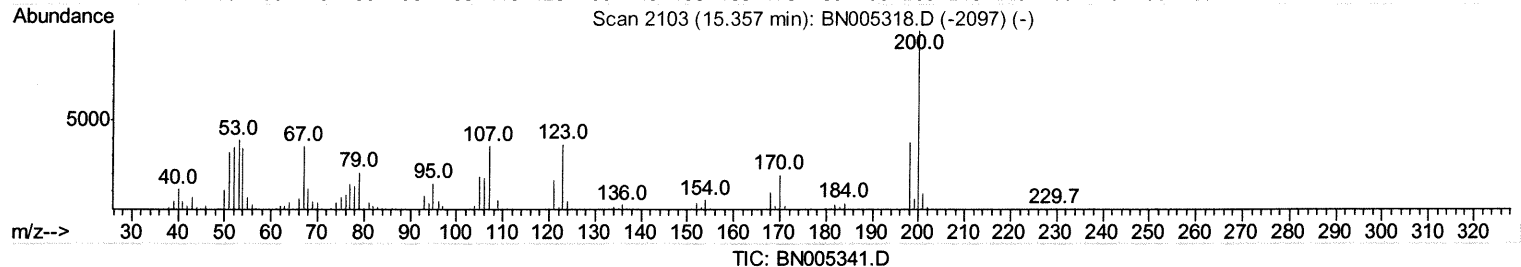
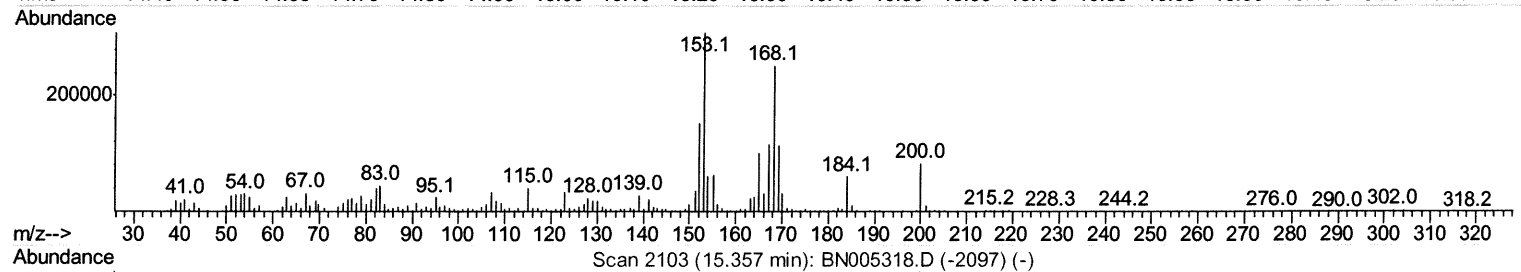
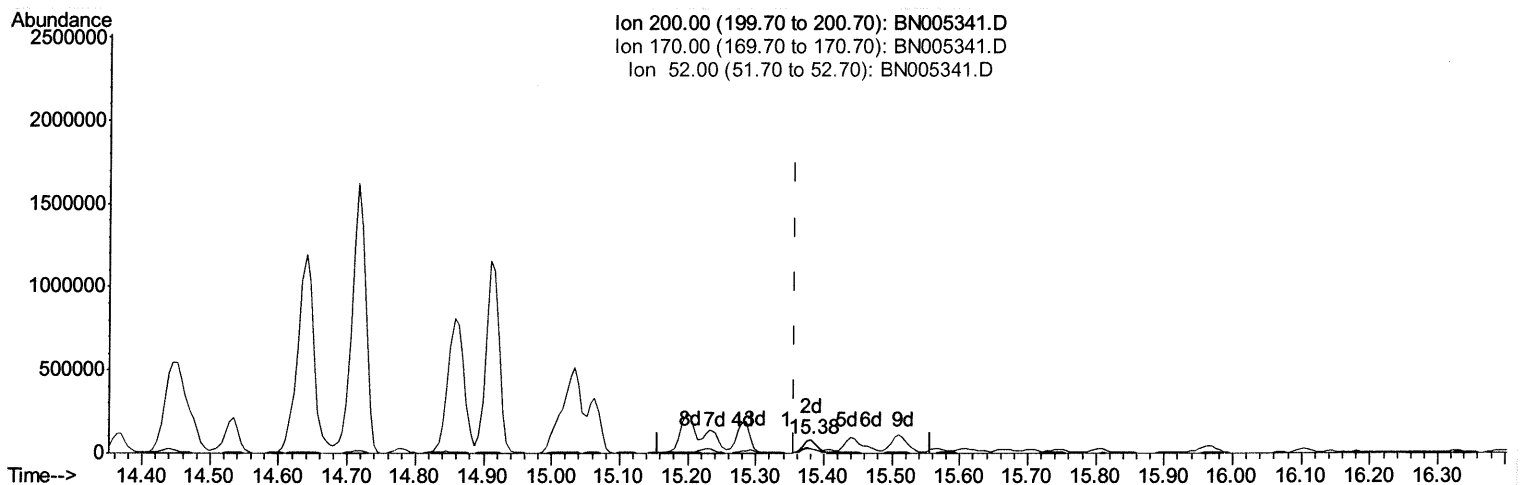
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042619\
Data File : BN005341.D
Acq On : 27 Apr 2019 05:42
Operator : JU/SJ
Sample : K2456-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHP8

Manual Integrations
APPROVED

Sohil
4/29/2019 1:44:12 PM

Quant Time: Apr 29 02:22:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 25 03:19:34 2019
Response via : Initial Calibration



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

15.381min (+0.024) 9.63ng/ul m *SS04/30/19*

response 109103

Ion	Exp%	Act%
200.00	100	100
170.00	22.60	37.95#
52.00	49.60	36.43#
0.00	0.00	0.00

Quantitation Report (Qedit)

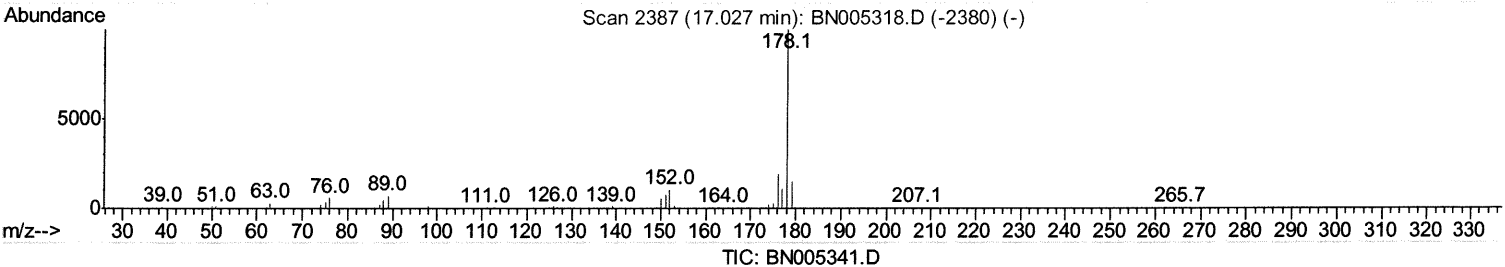
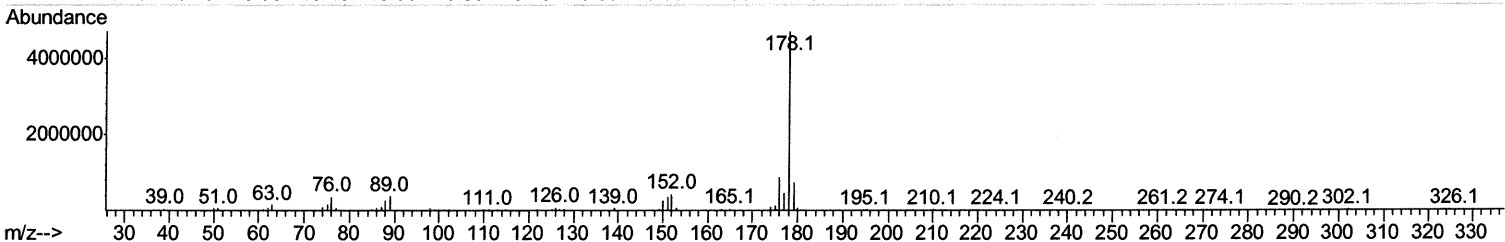
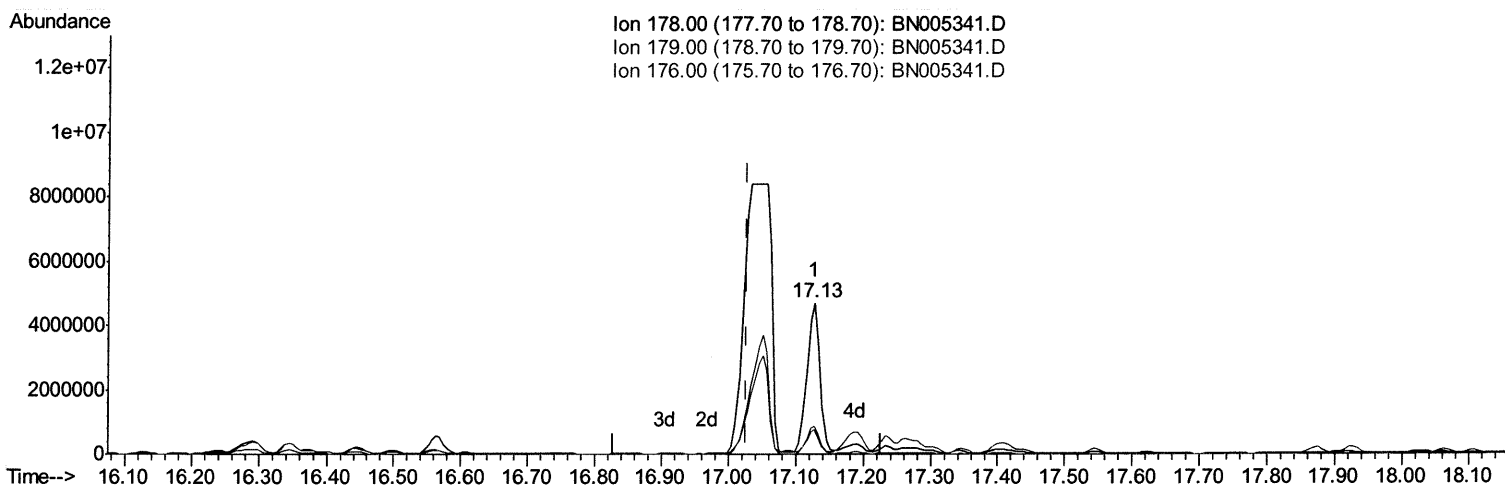
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042619\
 Data File : BN005341.D
 Acq On : 27 Apr 2019 05:42
 Operator : JU/SJ
 Sample : K2456-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHP8

Manual Integrations
 APPROVED

Sohil
 4/29/2019 1:44:12 PM

Quant Time: Apr 29 02:22:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 25 03:19:34 2019
 Response via : Initial Calibration



(69) Phenanthrene

17.128min (+0.100) 51.31ng/ul

response 6294533

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	15.95
176.00	18.90	18.76
0.00	0.00	0.00

Quantitation Report (Qedit)

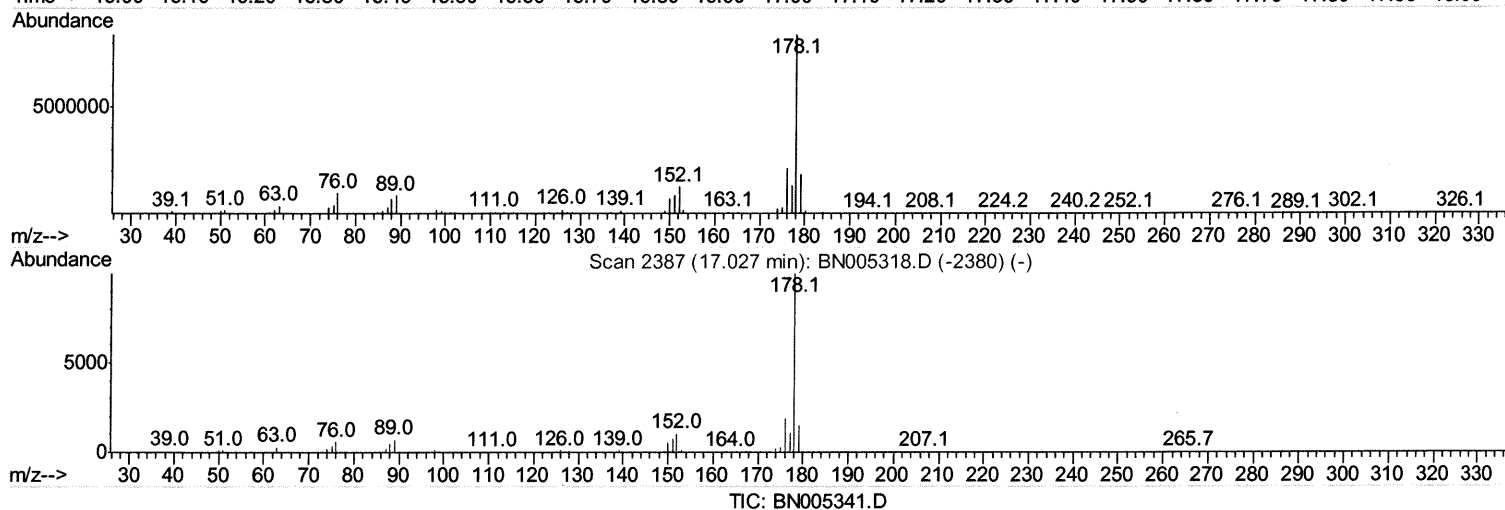
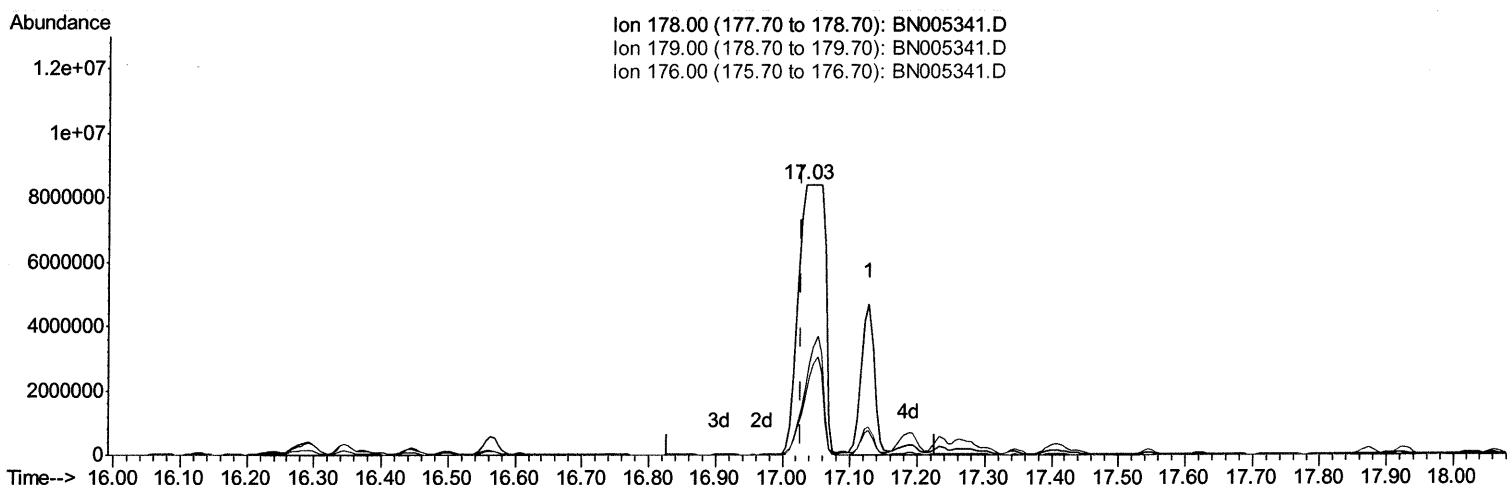
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042619\
 Data File : BN005341.D
 Acq On : 27 Apr 2019 05:42
 Operator : JU/SJ
 Sample : K2456-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHP8

Manual Integrations
 APPROVED

Sohil
 4/29/2019 1:44:12 PM

Quant Time: Apr 29 02:22:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 25 03:19:34 2019
 Response via : Initial Calibration



(69) Phenanthrene

17.034min (+0.006) 188.08ng/ul m *SS 04/30/19*

response 23074855

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	21.86#
176.00	18.90	25.54#
0.00	0.00	0.00

Quantitation Report (Qedit)

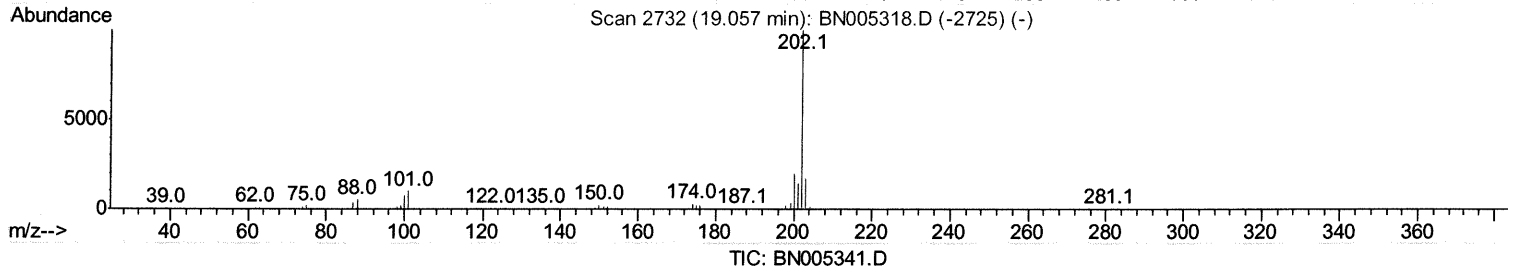
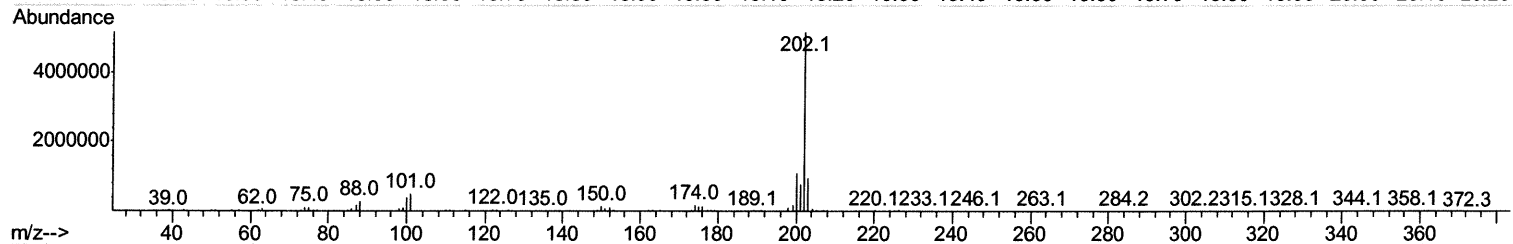
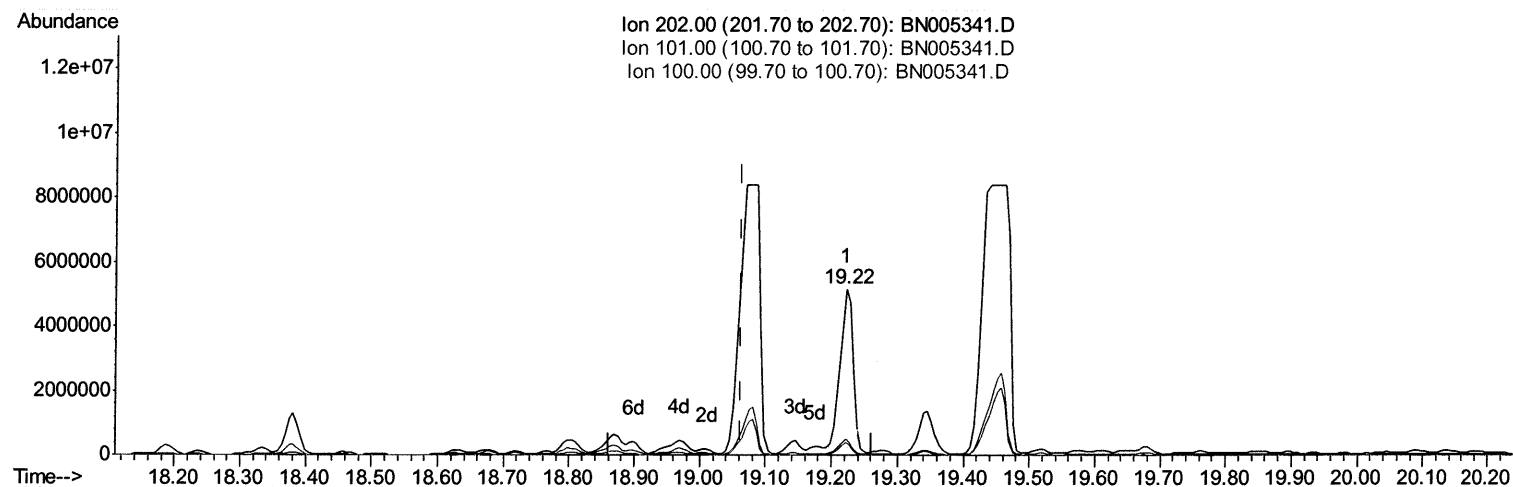
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042619\
 Data File : BN005341.D
 Acq On : 27 Apr 2019 05:42
 Operator : JU/SJ
 Sample : K2456-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHP8

Manual Integrations
 APPROVED

Sohil
 4/29/2019 1:44:12 PM

Quant Time: Apr 29 02:22:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 25 03:19:34 2019
 Response via : Initial Calibration



(76) Fluoranthene (C)

19.222min (+0.159) 48.02ng/ul

response 6534003

Ion	Exp%	Act%
202.00	100	100
101.00	10.70	9.64
100.00	7.90	7.44
0.00	0.00	0.00

Quantitation Report (Qedit)

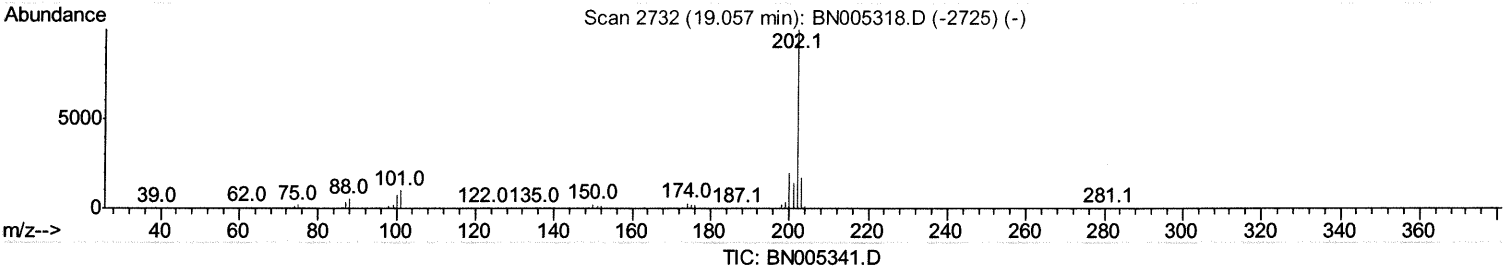
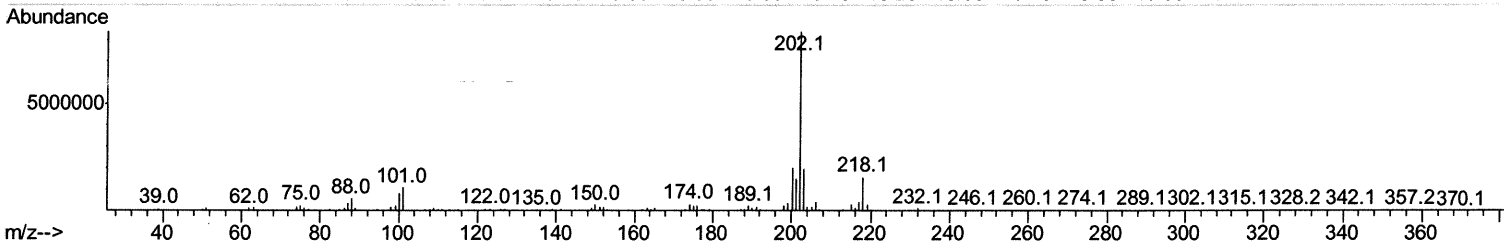
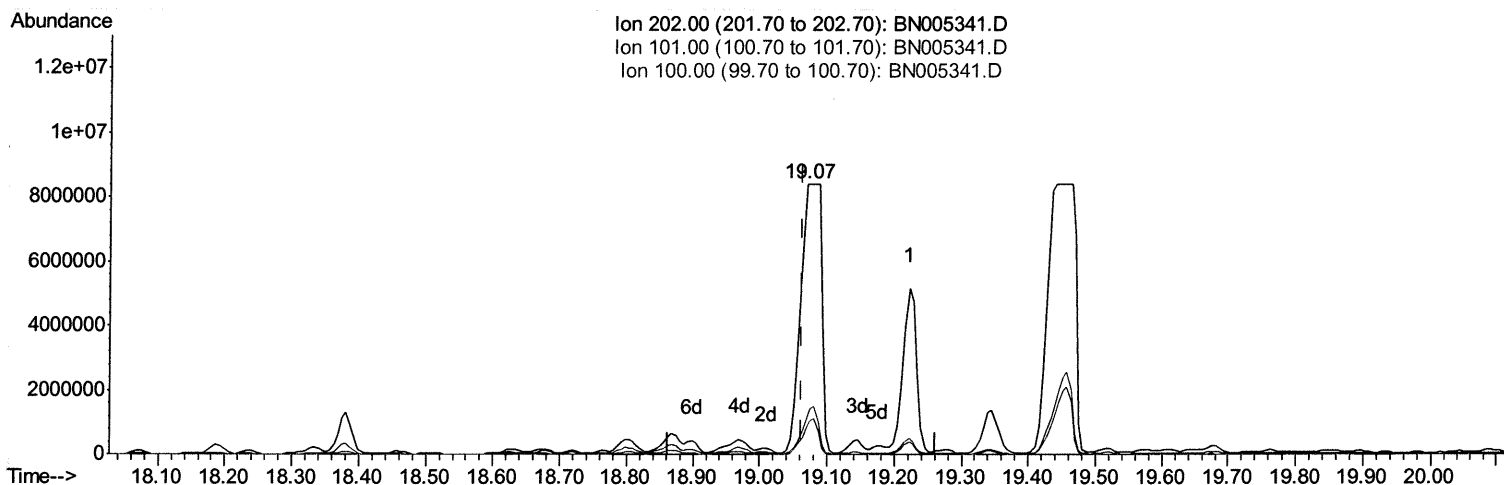
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042619\
 Data File : BN005341.D
 Acq On : 27 Apr 2019 05:42
 Operator : JU/SJ
 Sample : K2456-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHP8

Manual Integrations
 APPROVED

Sohil
 4/29/2019 1:44:12 PM

Quant Time: Apr 29 02:22:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 25 03:19:34 2019
 Response via : Initial Calibration



(76) Fluoranthene (C)

19.069min (+0.006) 130.54ng/ul m *SS 04/30/19*

response 17764095

Ion	Exp%	Act%
202.00	100	100
101.00	10.70	12.93#
100.00	7.90	9.41
0.00	0.00	0.00

Quantitation Report (Qedit)

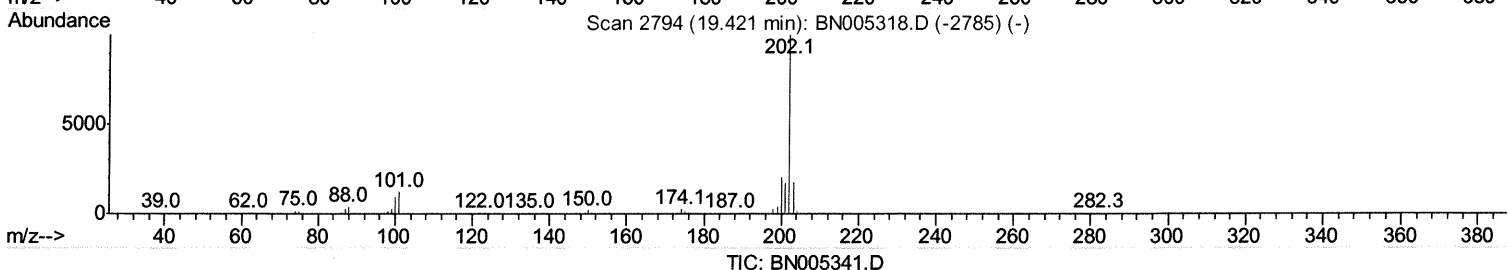
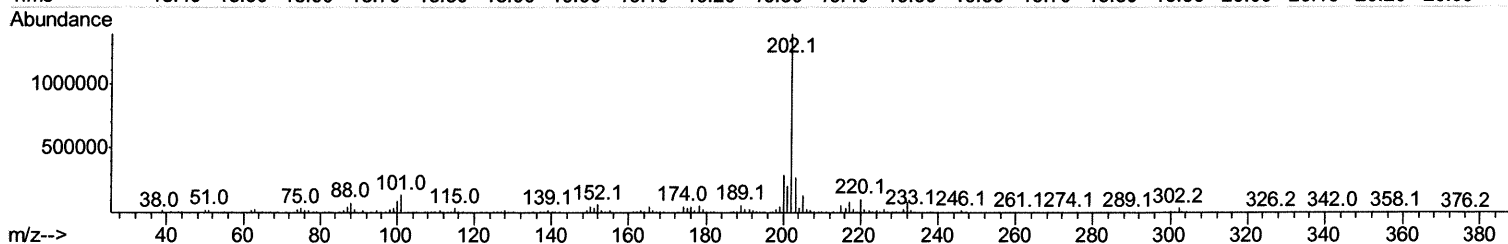
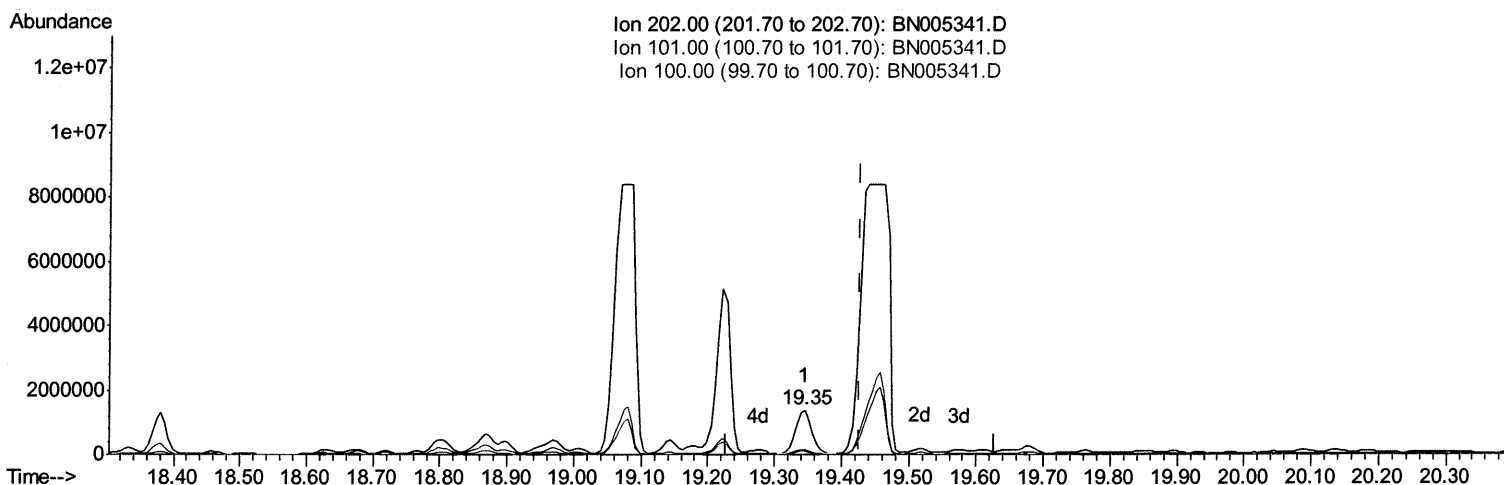
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
 Data File : BN005341.D
 Acq On : 27 Apr 2019 05:42
 Operator : JU/SJ
 Sample : K2456-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHP8

Manual Integrations
 APPROVED

Sohil
 4/29/2019 1:44:12 PM

Quant Time: Apr 29 02:22:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 25 03:19:34 2019
 Response via : Initial Calibration



(79) Pyrene

19.345min (-0.082) 18.92ng/ul

response 2163837

Ion	Exp%	Act%
202.00	100	100
101.00	12.90	10.20#
100.00	9.90	7.17#
0.00	0.00	0.00

Quantitation Report (Qedit)

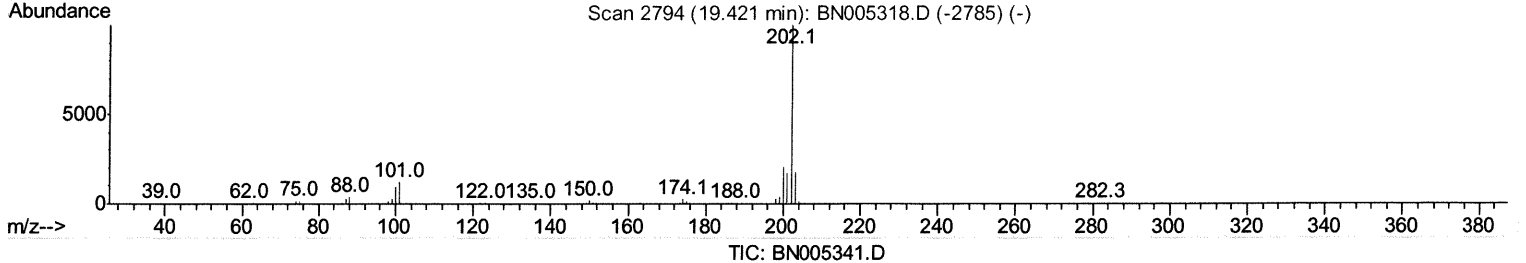
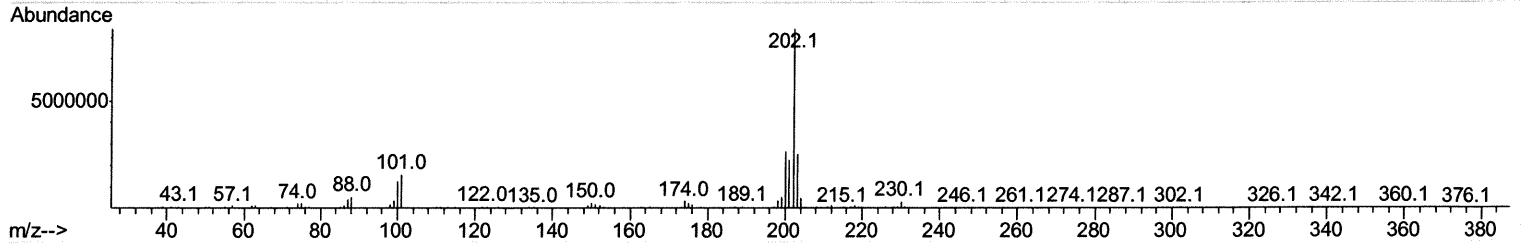
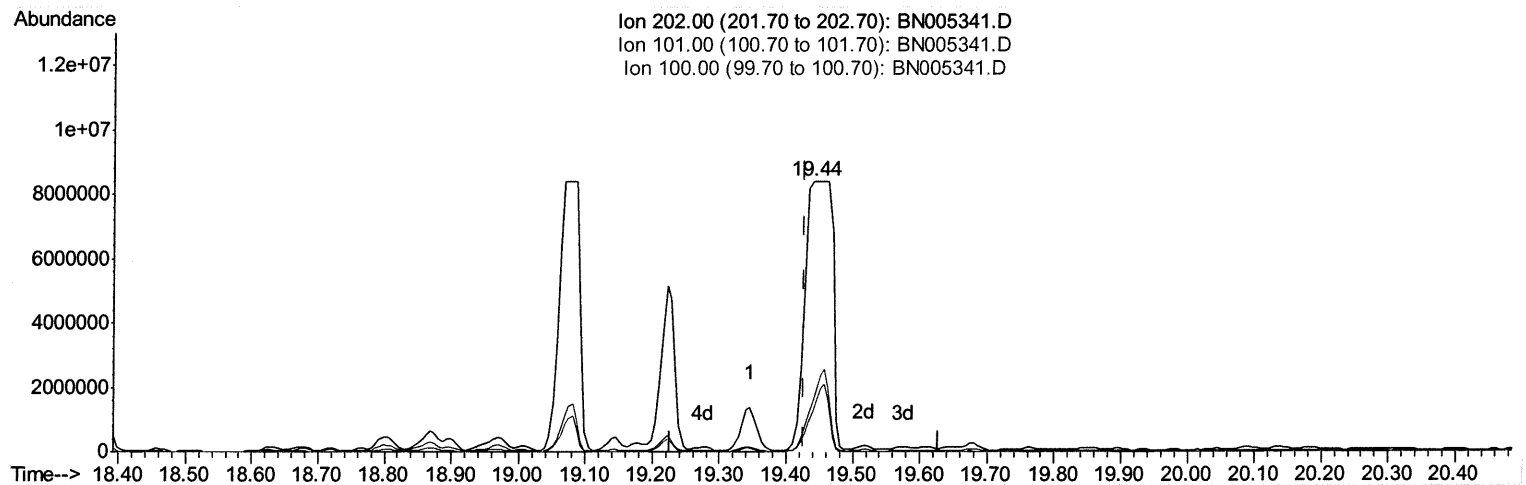
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042619\
 Data File : BN005341.D
 Acq On : 27 Apr 2019 05:42
 Operator : JU/SJ
 Sample : K2456-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 GAHP8

Manual Integrations
 APPROVED

Sohil
 4/29/2019 1:44:12 PM

Quant Time: Apr 29 02:22:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 25 03:19:34 2019
 Response via : Initial Calibration



(79) Pyrene

19.439min (+0.012) 207.04ng/ul m *SS ou 30/19*

response 23674621

Ion	Exp%	Act%
202.00	100	100
101.00	12.90	18.63#
100.00	9.90	15.13#
0.00	0.00	0.00

Quantitation Report (Qedit)

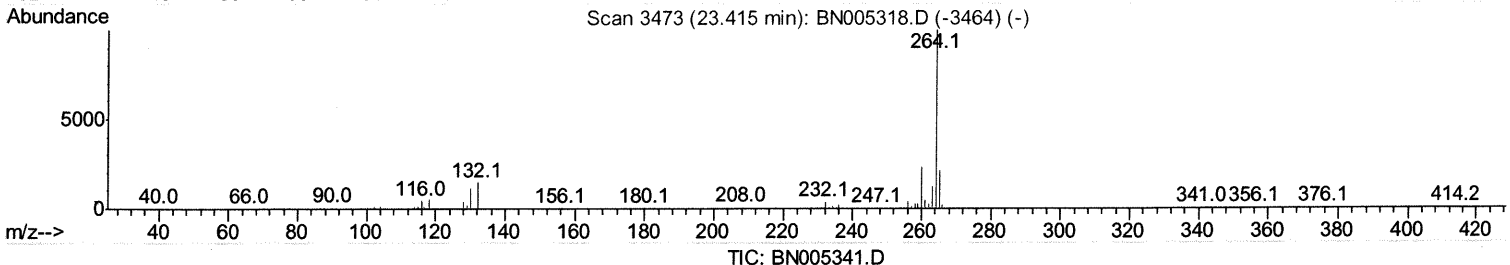
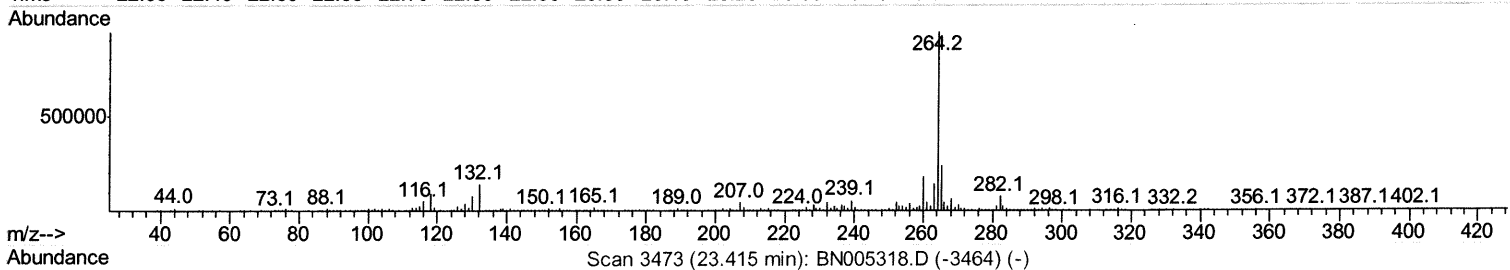
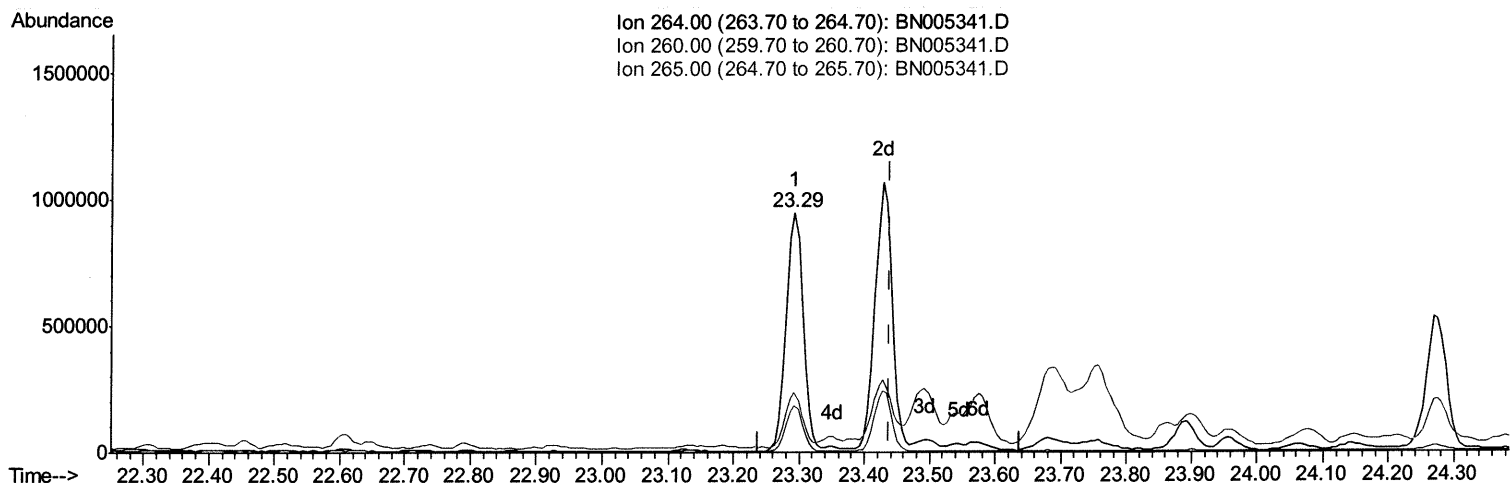
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042619\
 Data File : BN005341.D
 Acq On : 27 Apr 2019 05:42
 Operator : JU/SJ
 Sample : K2456-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHP8

Manual Integrations
 APPROVED

Sohil
 4/29/2019 1:44:12 PM

Quant Time: Apr 29 02:22:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 25 03:19:34 2019
 Response via : Initial Calibration



TIC: BN005341.D

(85) Perylene-d12 (I)

23.292min (-0.147) 20.00ng/ul

response 1699804

Ion	Exp%	Act%
264.00	100	100
260.00	23.50	19.55
265.00	22.10	25.06
0.00	0.00	0.00

Quantitation Report (Qedit)

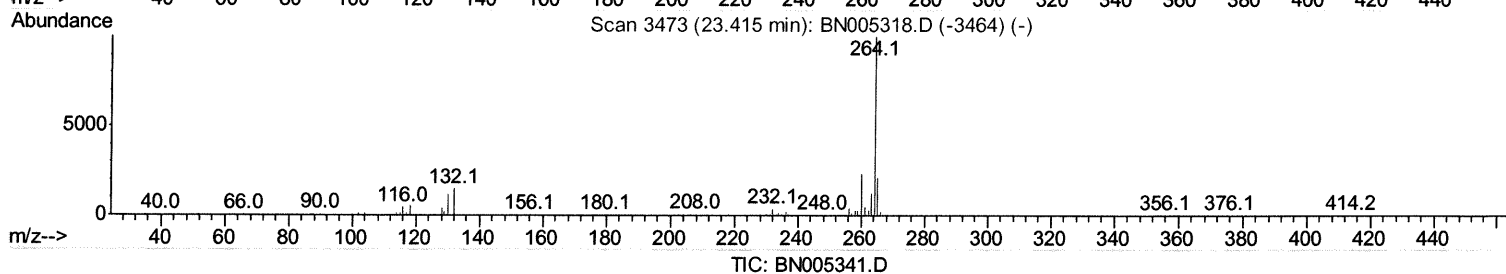
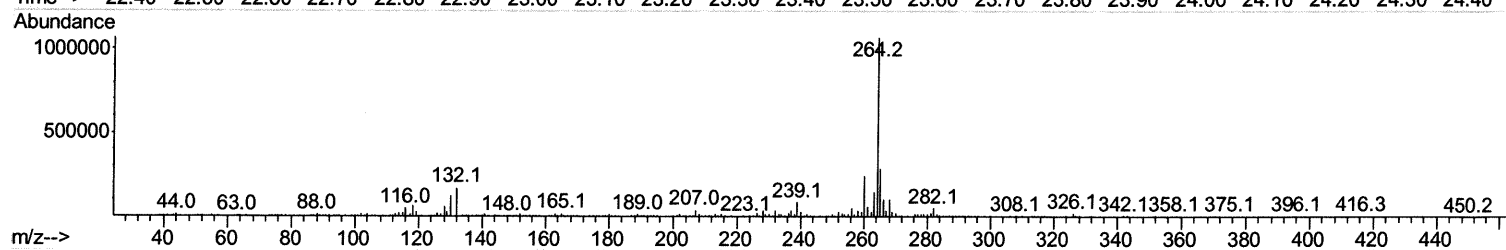
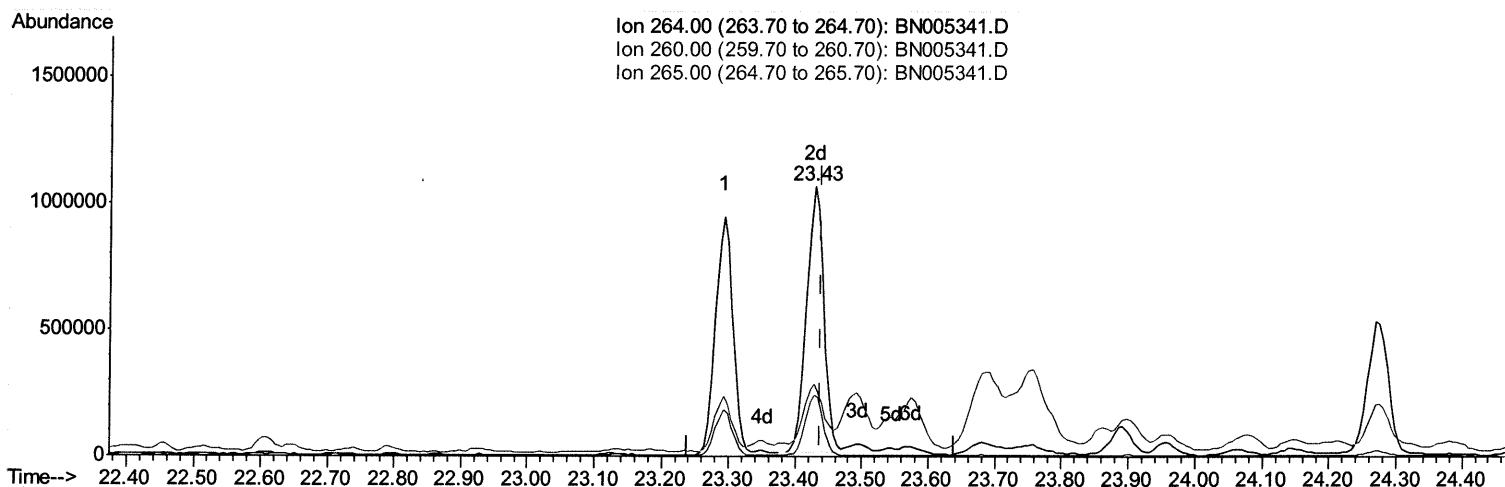
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
 Data File : BN005341.D
 Acq On : 27 Apr 2019 05:42
 Operator : JU/SJ
 Sample : K2456-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHP8

Manual Integrations
 APPROVED

Sohil
 4/29/2019 1:44:12 PM

Quant Time: Apr 29 02:22:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 25 03:19:34 2019
 Response via : Initial Calibration



(85) Perylene-d12 (I)

23.427min (-0.011) 20.00ng/ul m *SS04/30/19*

response 1928748

Ion	Exp%	Act%
264.00	100	100
260.00	23.50	22.85
265.00	22.10	26.78#
0.00	0.00	0.00

Quantitation Report (Qedit)

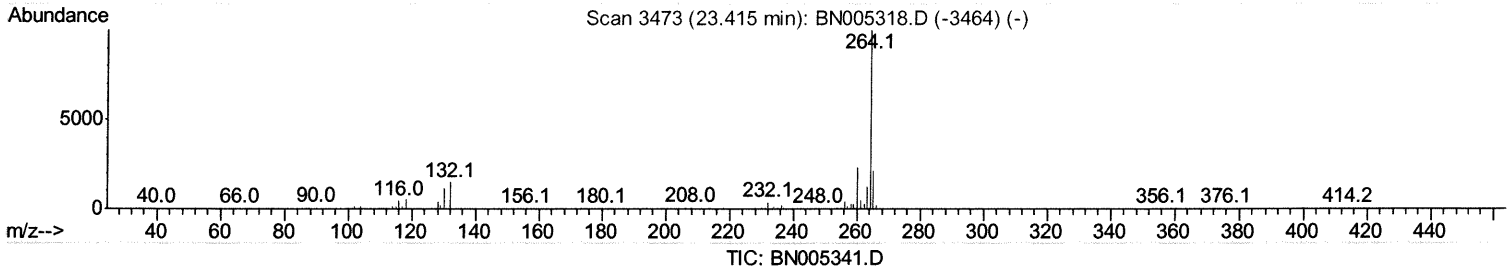
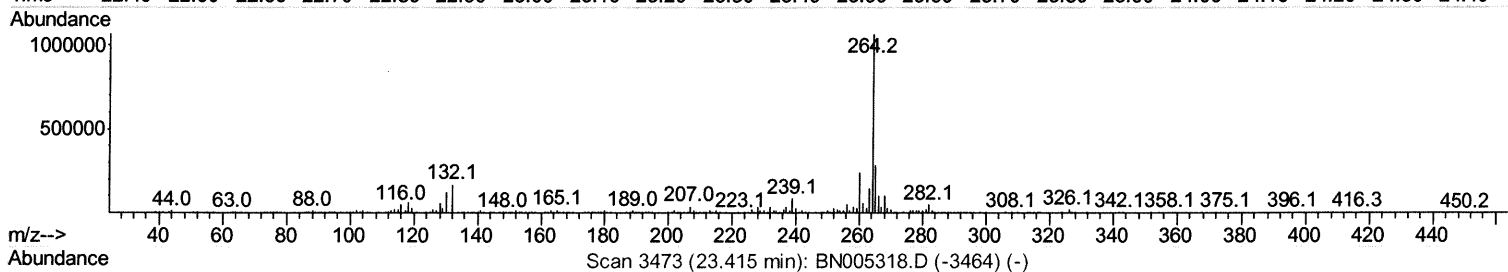
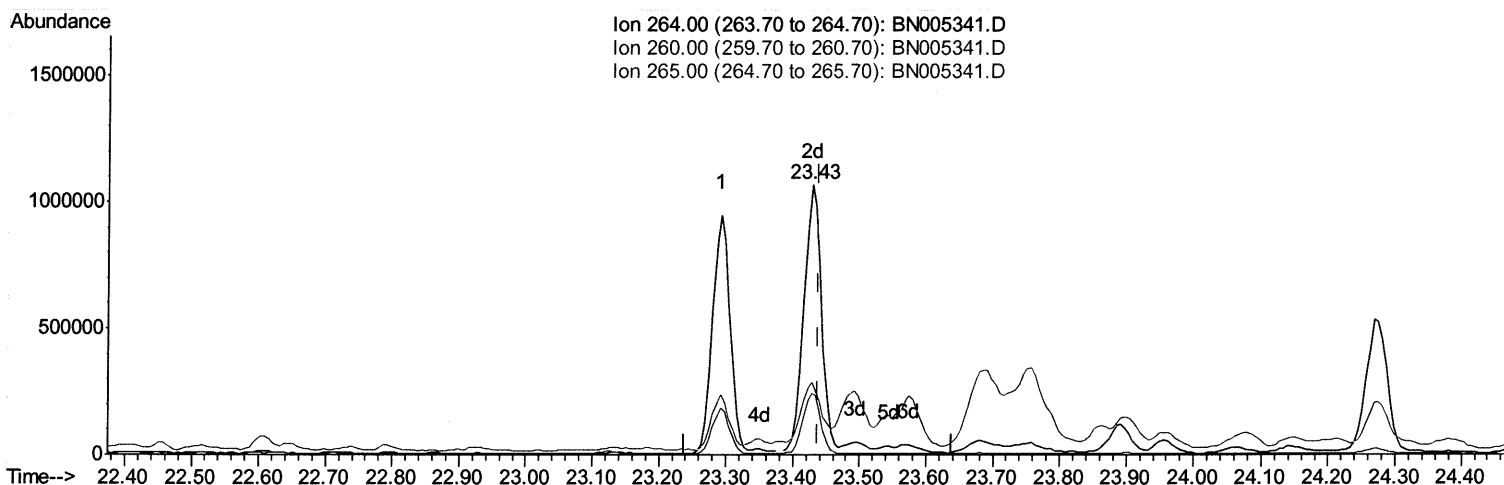
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
 Data File : BN005341.D
 Acq On : 27 Apr 2019 05:42
 Operator : JU/SJ
 Sample : K2456-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 GAHP8

Manual Integrations
 APPROVED

Sohil
 4/29/2019 1:44:12 PM

Quant Time: Apr 29 03:11:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 25 03:19:34 2019
 Response via : Initial Calibration



(85) Perylene-d12 (I)

23.427min (-0.011) 20.00ng/ul m₅ 04/30/19

response 1928748

Ion	Exp%	Act%
264.00	100	100
260.00	23.50	22.85
265.00	22.10	26.78#
0.00	0.00	0.00

Quantitation Report (Qedit)

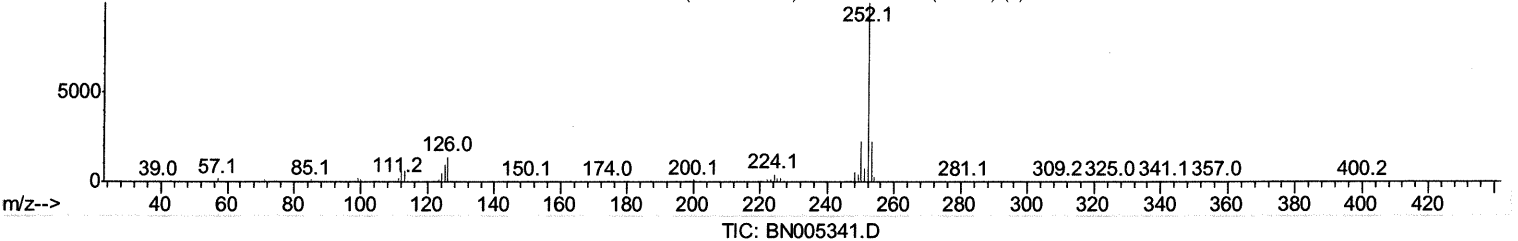
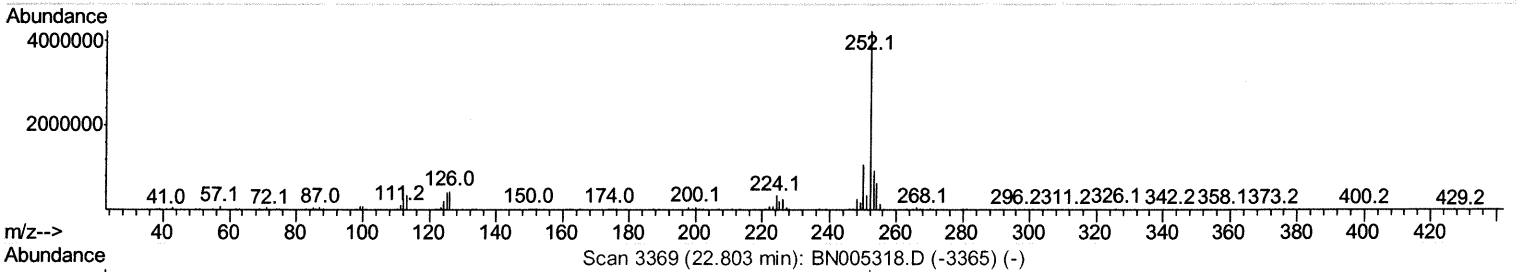
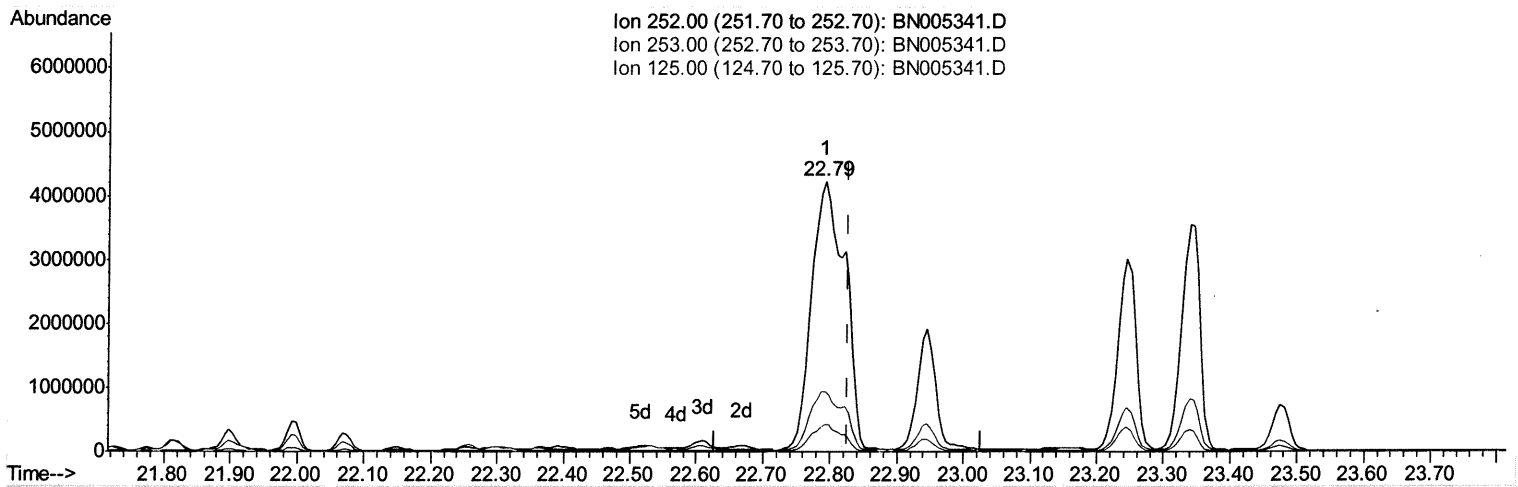
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042619\
 Data File : BN005341.D
 Acq On : 27 Apr 2019 05:42
 Operator : JU/SJ
 Sample : K2456-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 GAHP8

Manual Integrations
 APPROVED

Sohil
 4/29/2019 1:44:12 PM

Quant Time: Apr 29 03:11:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 25 03:19:34 2019
 Response via : Initial Calibration



(88) Benzo(k)fluoranthene

22.792min (-0.035) 110.71ng/ul

response 11463877

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.21
125.00	9.40	9.94
0.00	0.00	0.00

Quantitation Report (Qedit)

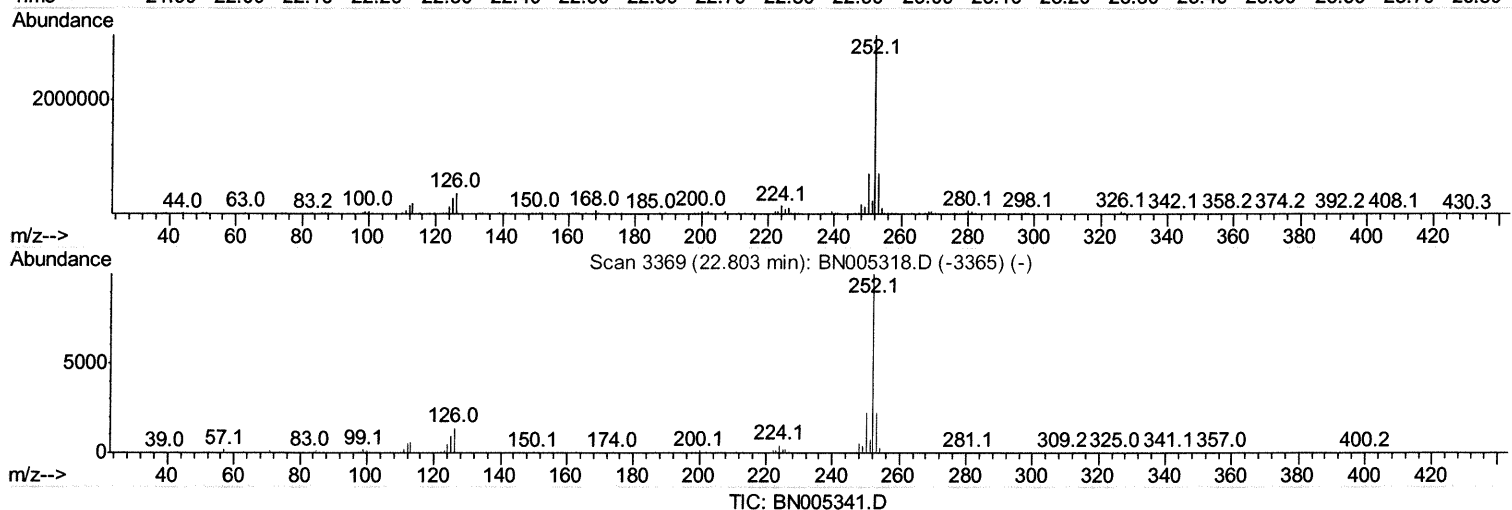
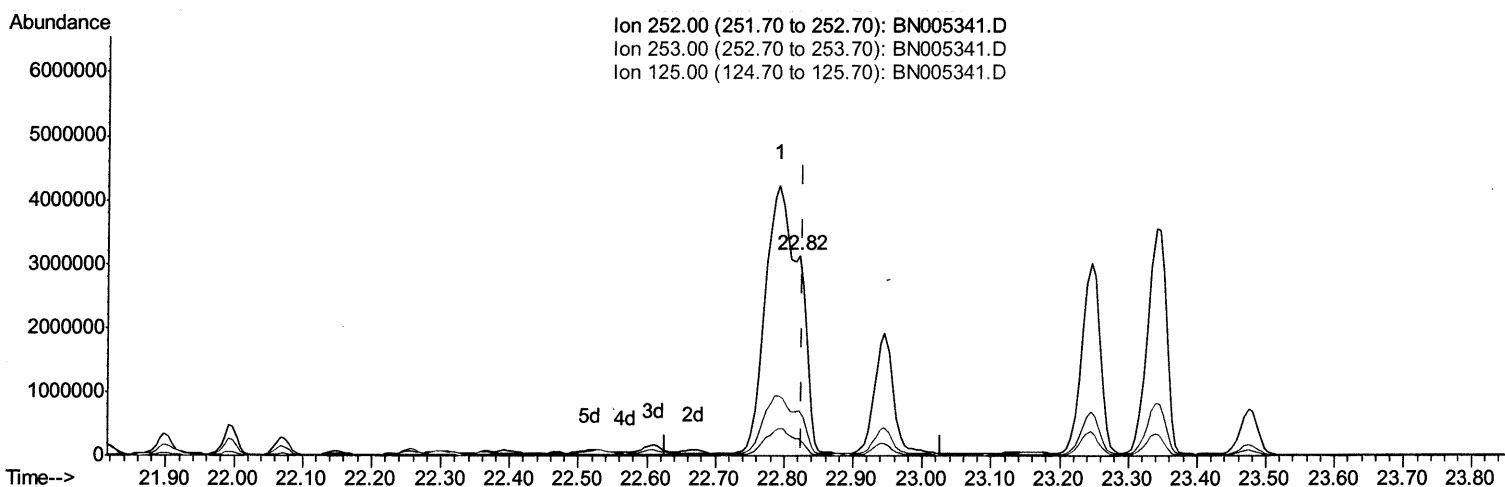
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005341.D
Acq On : 27 Apr 2019 05:42
Operator : JU/SJ
Sample : K2456-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHP8

Manual Integrations
APPROVED

Sohil
4/29/2019 1:44:12 PM

Quant Time: Apr 29 03:11:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 25 03:19:34 2019
Response via : Initial Calibration



(88) Benzo(k)fluoranthene

22.821min (-0.006) 27.78ng/ul m

SJ
04/30/19

response 2876520

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.66
125.00	9.40	8.66
0.00	0.00	0.00

Quantitation Report (Qedit)

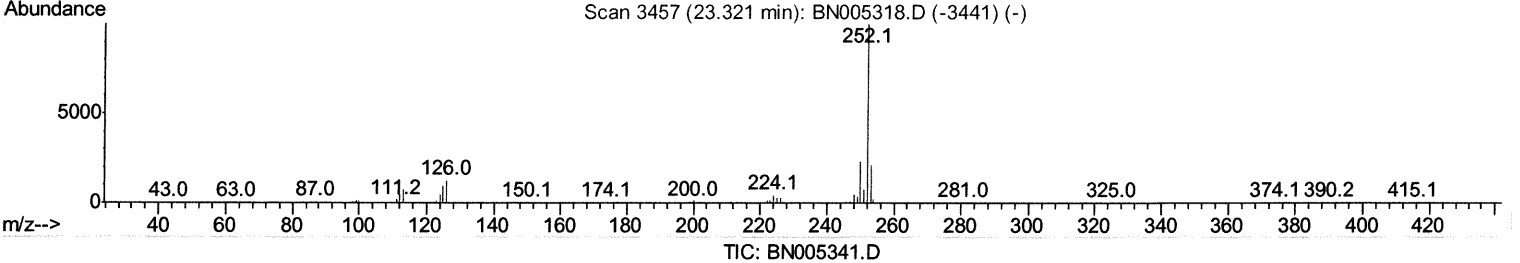
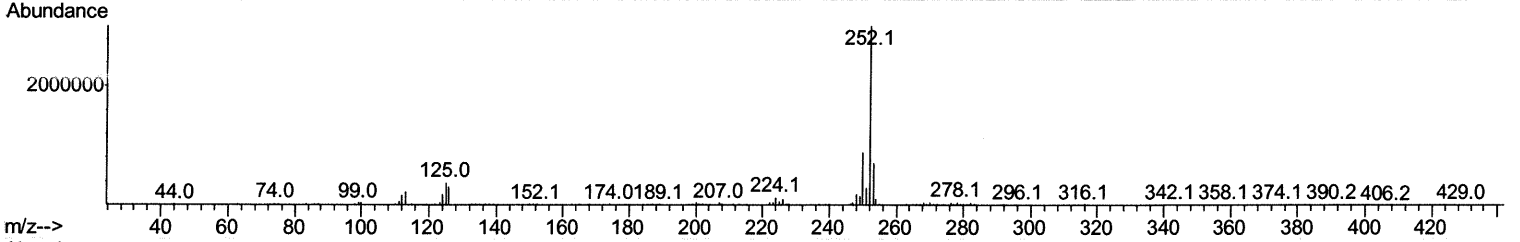
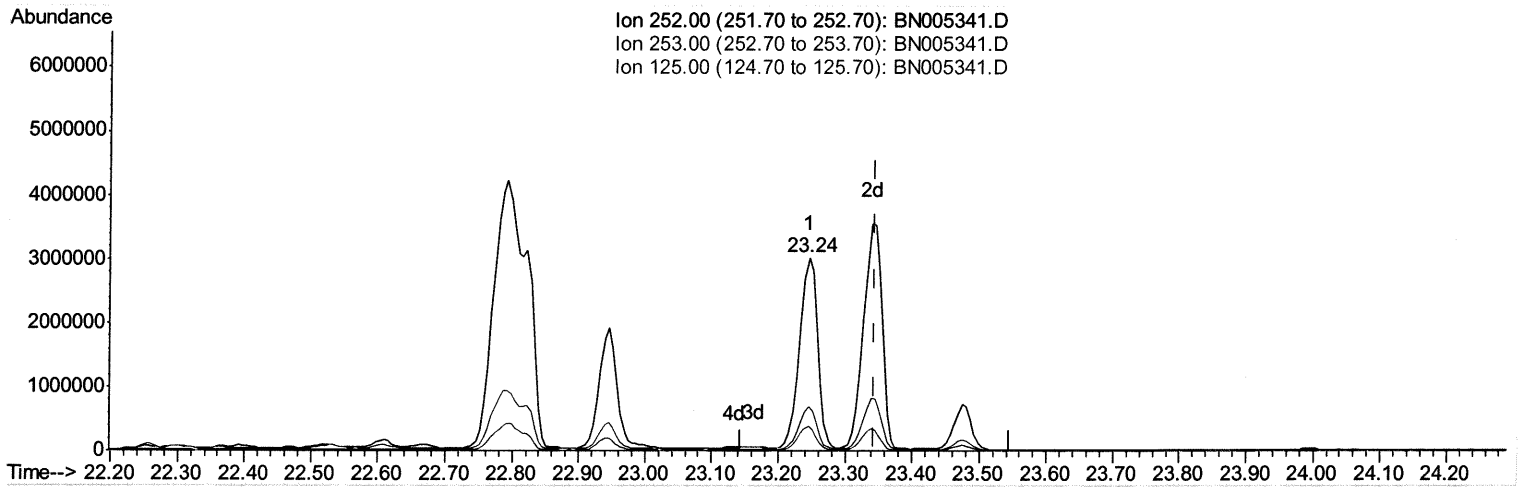
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042619\
 Data File : BN005341.D
 Acq On : 27 Apr 2019 05:42
 Operator : JU/SJ
 Sample : K2456-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
ClientSampleId :
 GAHP8

Manual Integrations
APPROVED

Sohil
 4/29/2019 1:44:12 PM

Quant Time: Apr 29 03:11:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 25 03:19:34 2019
 Response via : Initial Calibration



(90) Benzo(a)pyrene (C)

23.245min (-0.100) 54.94ng/ul

response 5599189

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	23.06
125.00	10.80	12.57
0.00	0.00	0.00

Quantitation Report (Qedit)

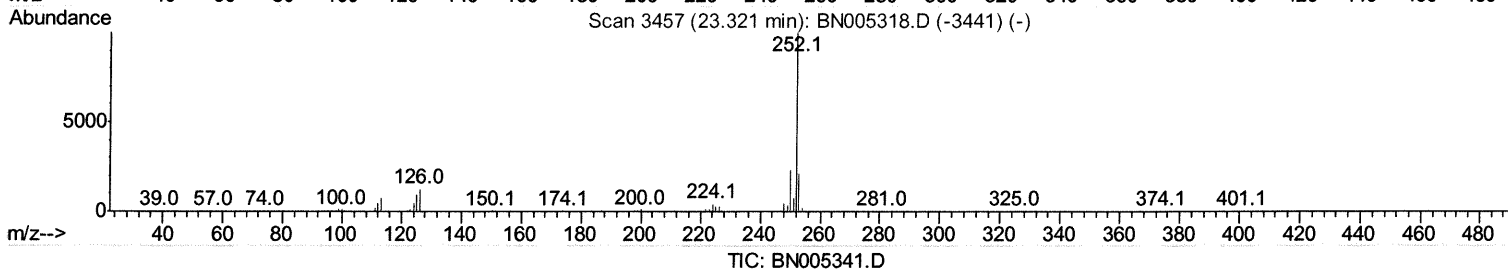
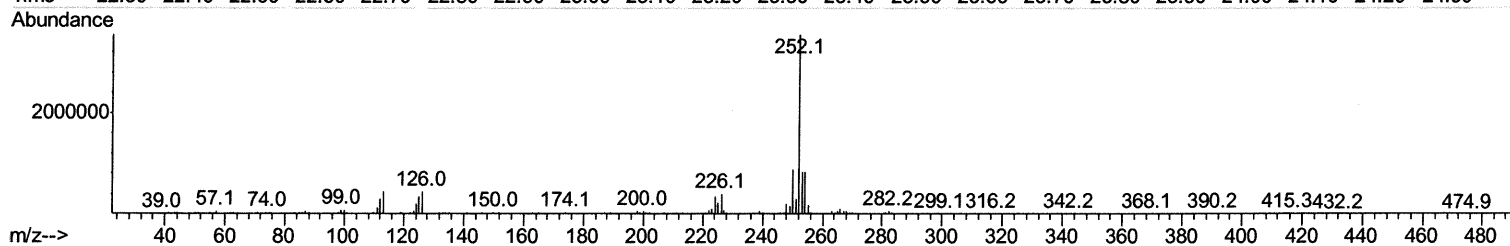
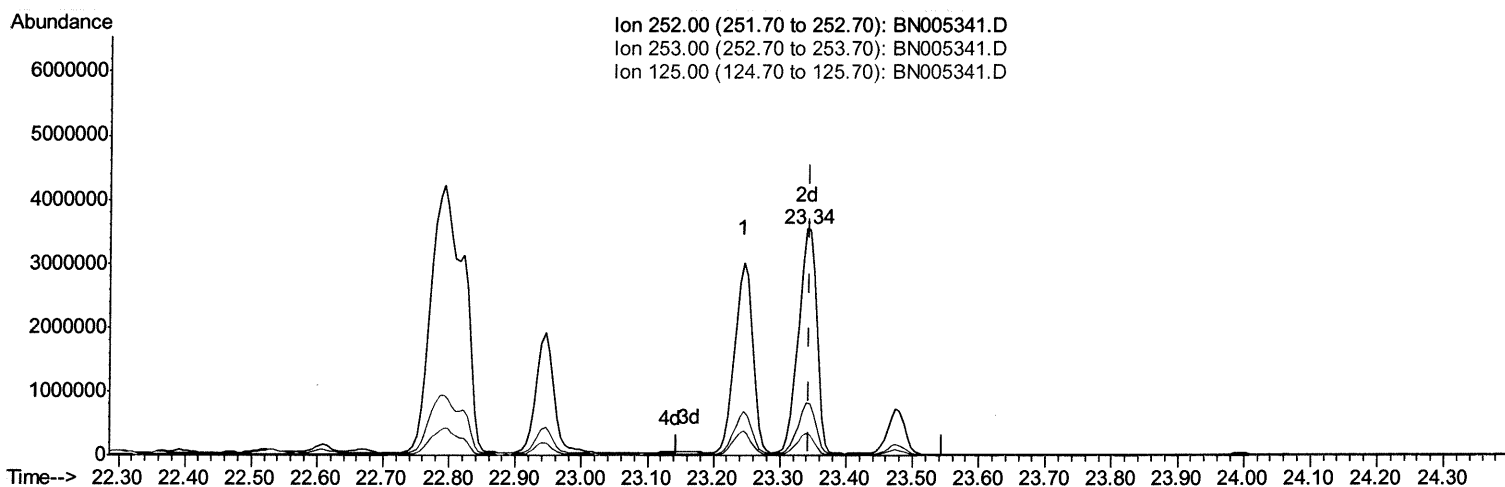
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005341.D
Acq On : 27 Apr 2019 05:42
Operator : JU/SJ
Sample : K2456-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHP8

Manual Integrations
APPROVED

Sohil
4/29/2019 1:44:12 PM

Quant Time: Apr 29 03:11:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 25 03:19:34 2019
Response via : Initial Calibration



(90) Benzo(a)pyrene (C)

23.339min (-0.006) 66.44ng/ul mS *04/20/19*

response 6770514

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	23.19
125.00	10.80	9.89
0.00	0.00	0.00

Quantitation Report (Qedit)

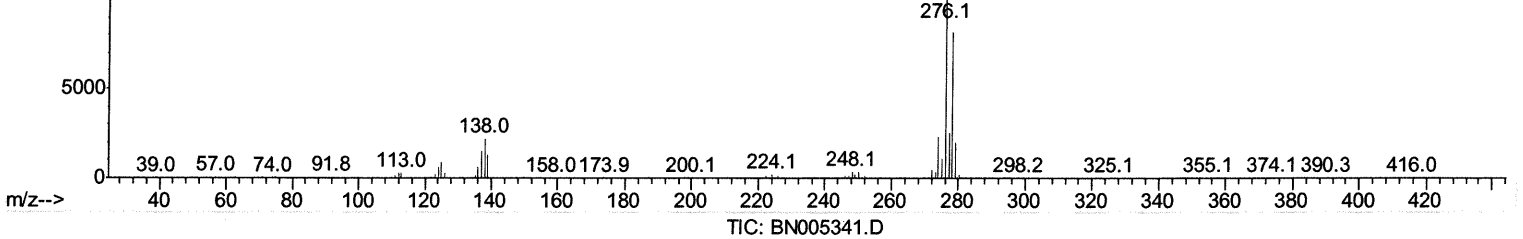
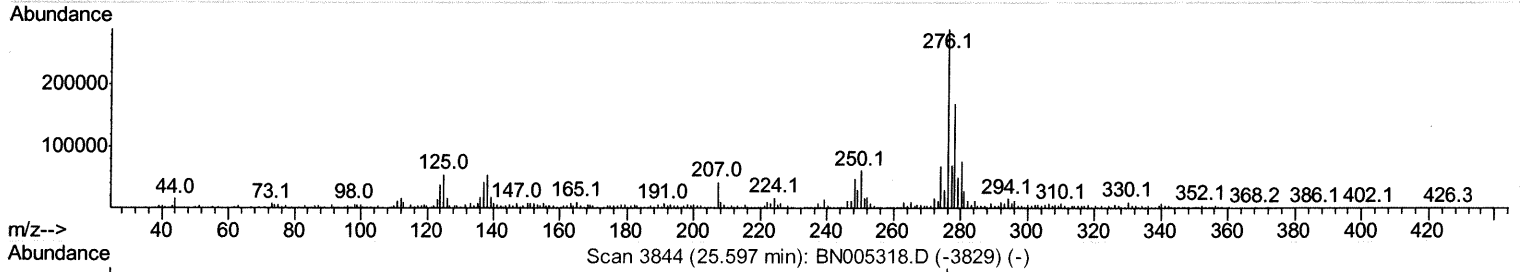
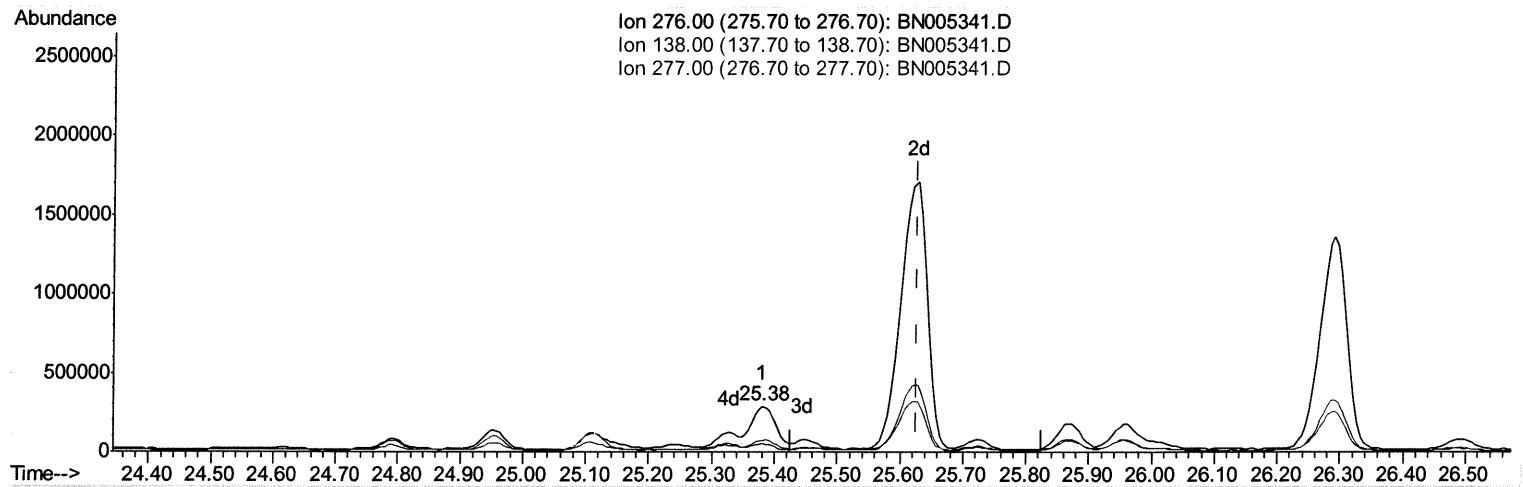
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042619\
 Data File : BN005341.D
 Acq On : 27 Apr 2019 05:42
 Operator : JU/SJ
 Sample : K2456-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHP8

Manual Integrations
 APPROVED

Sohil
 4/29/2019 1:44:12 PM

Quant Time: Apr 29 03:11:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 25 03:19:34 2019
 Response via : Initial Calibration



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

25.380min (-0.247) 5.08ng/ul

response 572842

Ion	Exp%	Act%
276.00	100	100
138.00	22.40	18.54
277.00	24.60	24.33
0.00	0.00	0.00

Quantitation Report (Qedit)

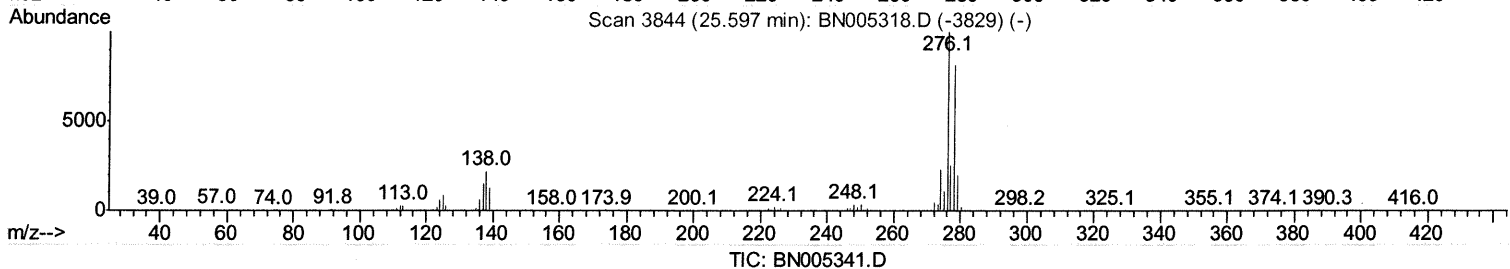
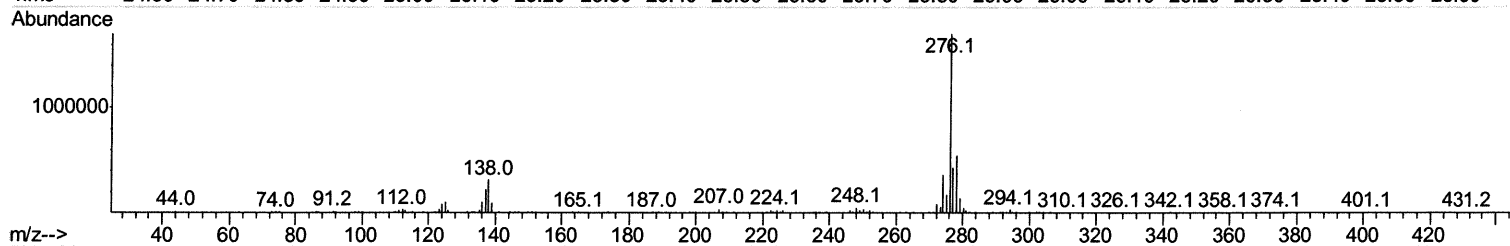
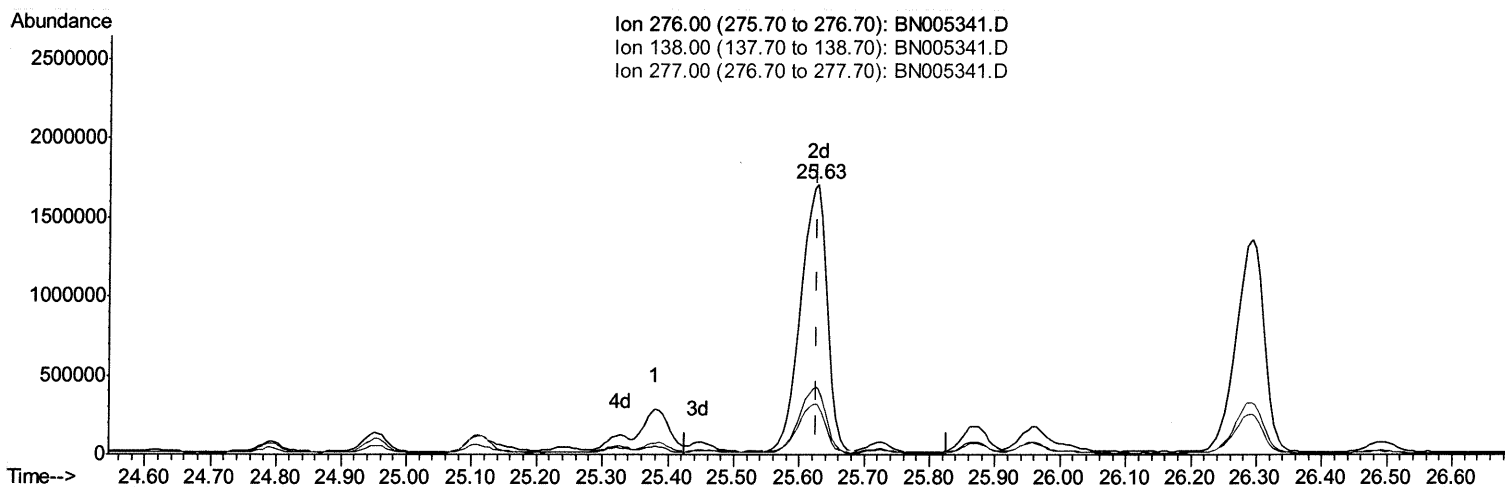
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042619\
Data File : BN005341.D
Acq On : 27 Apr 2019 05:42
Operator : JU/SJ
Sample : K2456-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHP8

Manual Integrations
APPROVED

Sohil
4/29/2019 1:44:12 PM

Quant Time: Apr 29 03:11:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 25 03:19:34 2019
Response via : Initial Calibration



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

25.627min (+0.000) 42.13ng/ul m *SJ 04/30/19*

response 4746958

Ion	Exp%	Act%
276.00	100	100
138.00	22.40	18.44
277.00	24.60	25.12
0.00	0.00	0.00

Quantitation Report (Qedit)

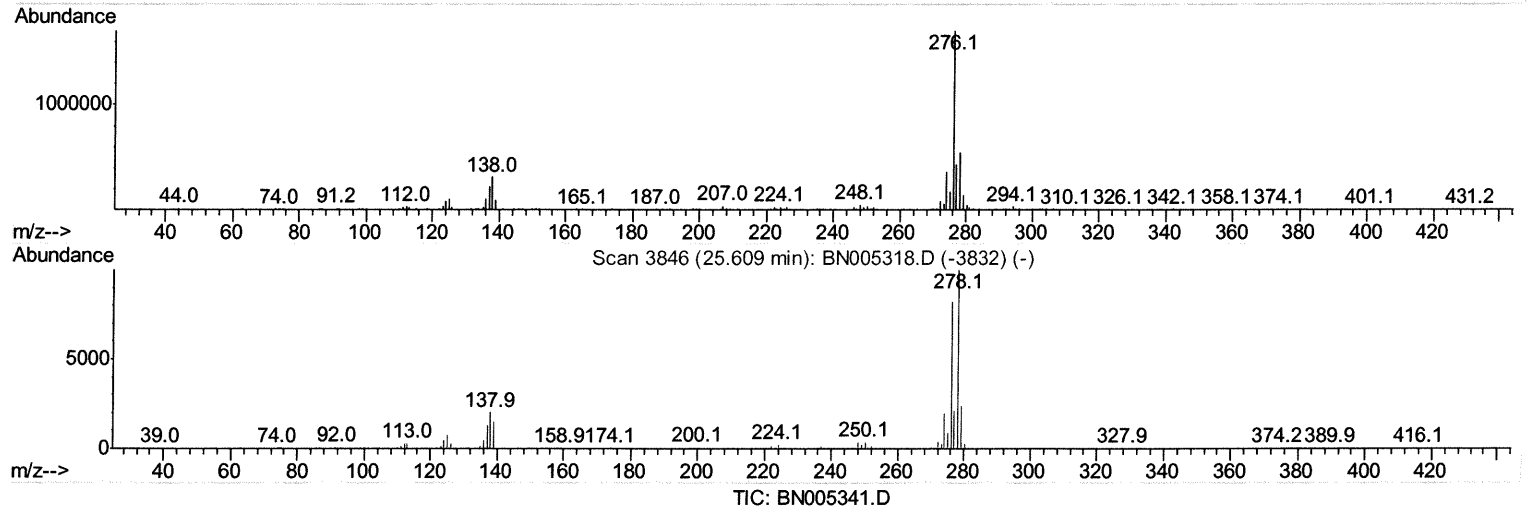
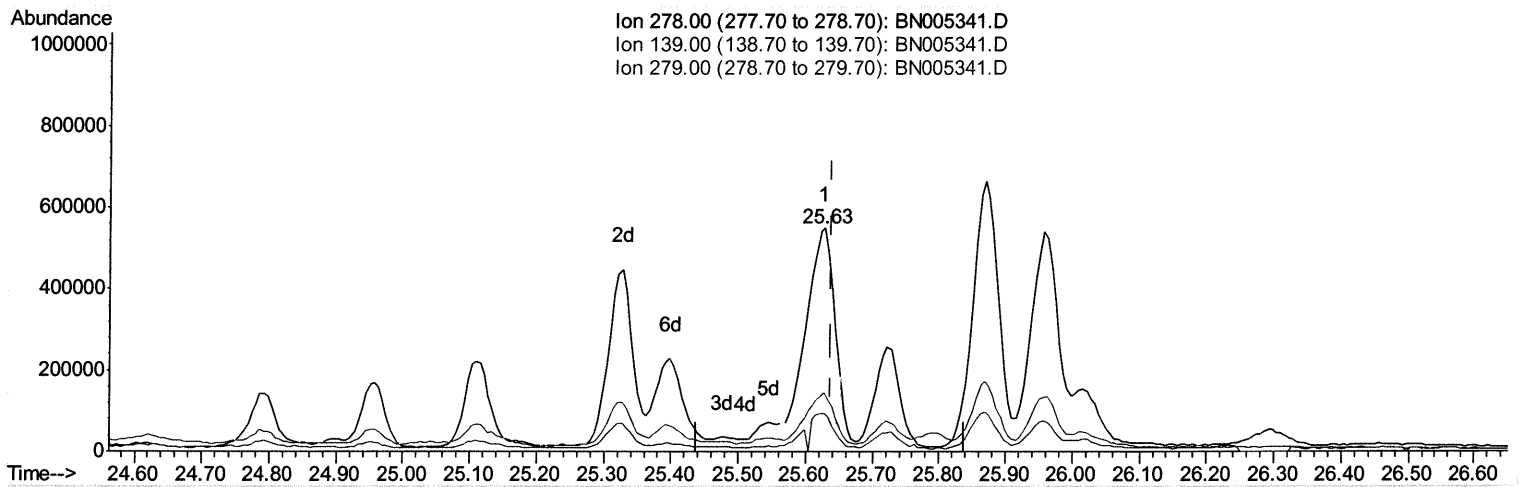
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
 Data File : BN005341.D
 Acq On : 27 Apr 2019 05:42
 Operator : JU/SJ
 Sample : K2456-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 GAHP8

Manual Integrations
 APPROVED

Sohil
 4/29/2019 1:44:12 PM

Quant Time: Apr 29 03:11:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 25 03:19:34 2019
 Response via : Initial Calibration



(92) Dibenzo(a,h)anthracene

25.627min (-0.011) 13.50ng/ul

response 1291327

Ion	Exp%	Act%
278.00	100	100
139.00	16.40	17.28
279.00	24.20	26.19
0.00	0.00	0.00

Quantitation Report (Qedit)

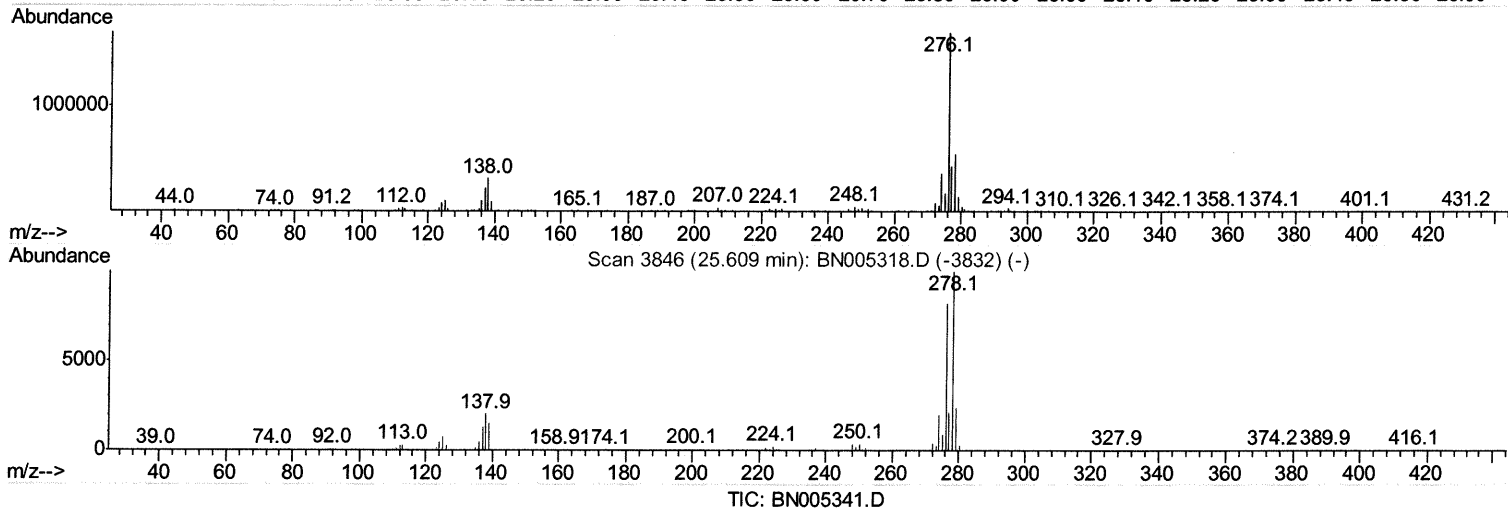
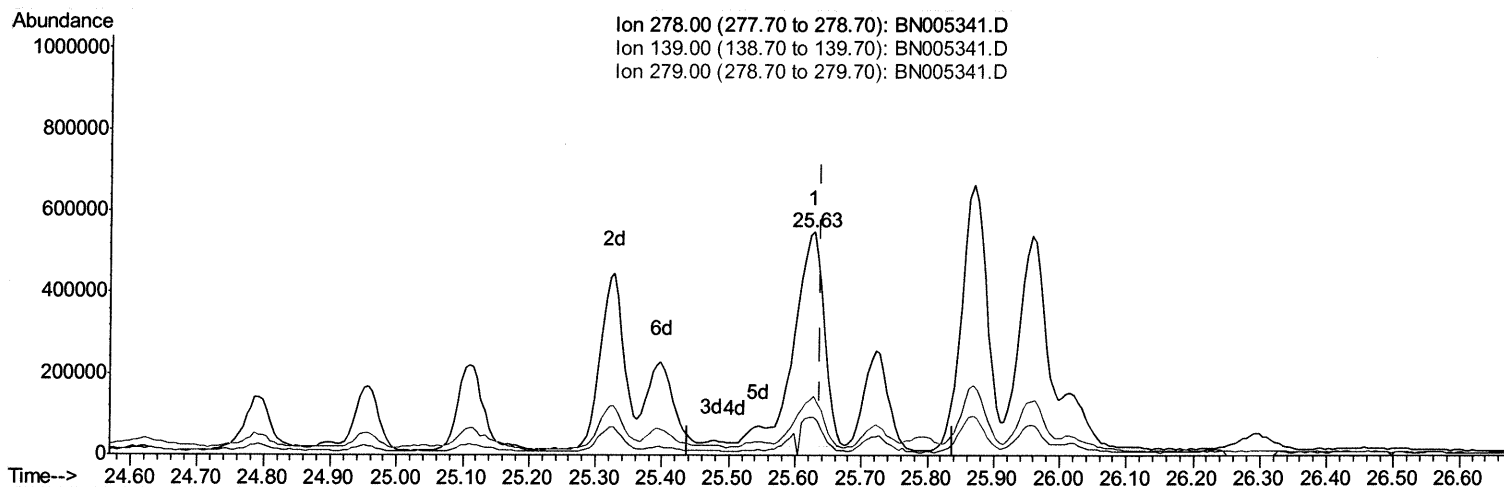
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005341.D
Acq On : 27 Apr 2019 05:42
Operator : JU/SJ
Sample : K2456-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
GAHP8

Manual Integrations
APPROVED

Sohil
4/29/2019 1:44:12 PM

Quant Time: Apr 29 03:11:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 25 03:19:34 2019
Response via : Initial Calibration



(92) Dibenzo(a,h)anthracene

25.627min (-0.011) 16.43ng/ul *SJ* 04/30/19

response 1571457

Ion	Exp%	Act%
278.00	100	100
139.00	16.40	17.28
279.00	24.20	26.19
0.00	0.00	0.00

Quantitation Report (Qedit)

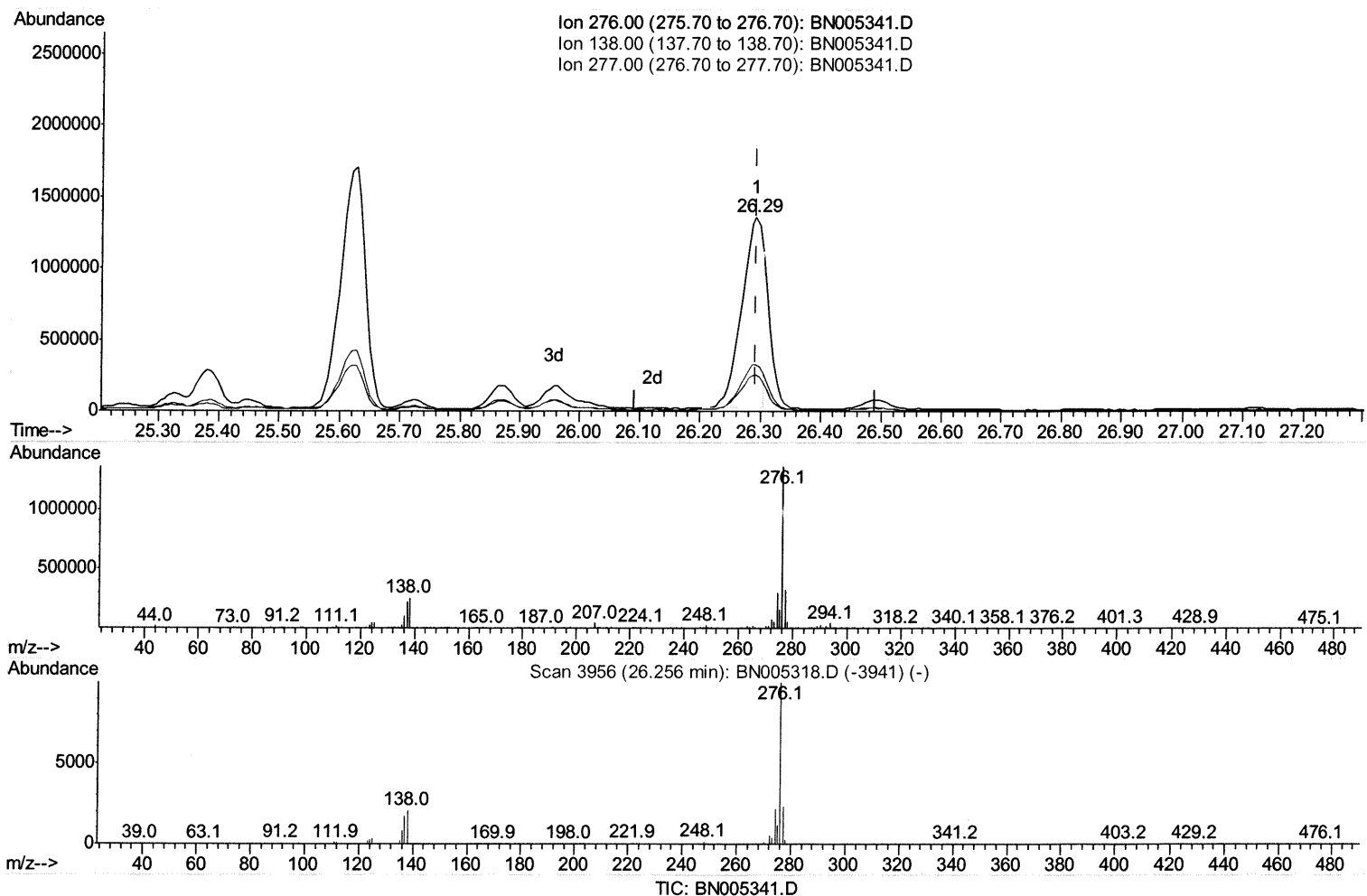
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005341.D
Acq On : 27 Apr 2019 05:42
Operator : JU/SJ
Sample : K2456-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHP8

Manual Integrations
APPROVED

Sohil
4/29/2019 1:44:12 PM

Quant Time: Apr 29 03:11:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 25 03:19:34 2019
Response via : Initial Calibration



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

26.292min (+0.000) 35.14ng/ul

response 3274128

Ion	Exp%	Act%
276.00	100	100
138.00	20.90	18.80
277.00	22.70	24.07
0.00	0.00	0.00

Quantitation Report (Qedit)

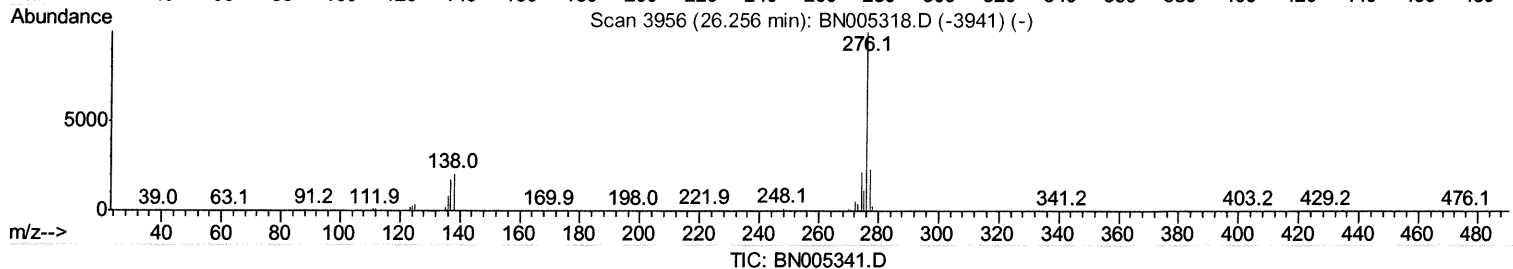
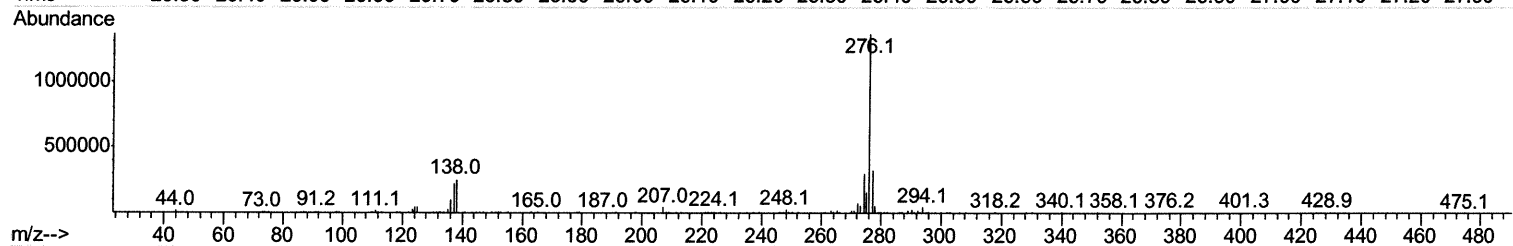
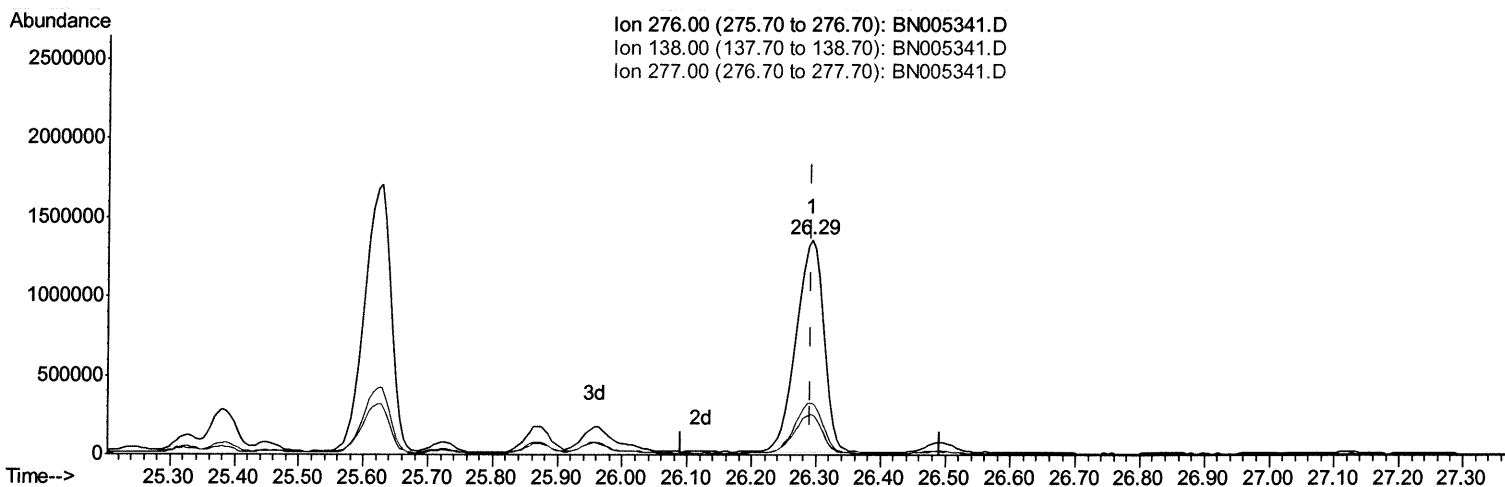
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005341.D
Acq On : 27 Apr 2019 05:42
Operator : JU/SJ
Sample : K2456-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHP8

Manual Integrations
APPROVED

Sohil
4/29/2019 1:44:12 PM

Quant Time: Apr 29 03:11:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 25 03:19:34 2019
Response via : Initial Calibration



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

26.292min (+0.000) 43.20ng/ul m 5/04/30/19

response 4024278

Ion	Exp%	Act%
276.00	100	100
138.00	20.90	18.80
277.00	22.70	24.07
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042619\
 Data File : BN005341.D
 Acq On : 27 Apr 2019 05:42
 Operator : JU/SJ
 Sample : K2456-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHP8

Manual Integrations
 APPROVED

Sohil
 4/29/2019 1:44:12 PM

Quant Time: Apr 29 03:14:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 25 03:19:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	423417	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1790967	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1103871	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	2519078	20.00	ng/ul	0.00
77) Chrysene-d12	21.23	240	1775927	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	1928748m)	20.00	ng/ul	-0.01

SJ 04/30/19

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	28530	3.25	ng/uL	0.00
5) Phenol-d5	6.78	99	640487	19.26	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	6.94	67	379339	18.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	521371	20.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	530296	20.40	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	270363	24.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	315372	28.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	556579	21.73	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	464400	17.58	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	1653827	20.64	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	2051952	20.85	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	283167	22.38	ng/ul	0.00
57) Fluorene-d10	15.23	176	1436754	21.36	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	109103m)	9.63	ng/ul	0.02
70) Anthracene-d10	17.09	188	2217417	21.00	ng/ul	0.00
78) Pyrene-d10	19.41	212	2225949	24.50	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.29	264	1703331	20.21	ng/ul	-0.01

SJ 04/30/19

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
28) Naphthalene	10.40	128	868030	10.426	ng/ul	99
34) 2-Methylnaphthalene	12.03	142	3390441	55.614	ng/ul	99
40) 1,1'-Biphenyl	13.05	154	301248	3.663	ng/ul	98
44) Dimethylphthalate	13.70	163	389010	4.872	ng/ul	99
47) Acenaphthylene	13.96	152	13517894	139.761	ng/ul#	94
49) Acenaphthene	14.30	153	1596841	24.183	ng/ul	99
53) Dibenzofuran	14.63	168	823896	8.666	ng/ul#	83
58) Fluorene	15.29	166	7696544	103.750	ng/ul	98
60) 4-Nitroaniline	15.29	138	90402	5.658	ng/ul#	20
69) Phenanthrene	17.03	178	23074855m)	188.085	ng/ul	→ SJ 04/30/19
71) Anthracene	17.13	178	6294533	50.366	ng/ul	99
76) Fluoranthene	19.07	202	17764095m)	130.543	ng/ul	→ SJ 04/30/19
79) Pyrene	19.44	202	23674621m)	207.043	ng/ul	→ SJ 04/30/19
82) Benzo(a)anthracene	21.21	228	13795908	124.871	ng/ul#	79
84) Chrysene	21.27	228	13087053	127.633	ng/ul#	91
87) Benzo(b)fluoranthene	22.79	252	11463877	105.736	ng/ul	99
88) Benzo(k)fluoranthene	22.82	252	2876520m)	27.780	ng/ul	→ SJ 04/30/19
90) Benzo(a)pyrene	23.34	252	6770514m)	66.436	ng/ul	→ SJ 04/30/19
91) Indeno(1,2,3-cd)pyrene	25.63	276	4746958m)	42.131	ng/ul	→ SJ 04/30/19
92) Dibenzo(a,h)anthracene	25.63	278	1571457m)	16.434	ng/ul	→ SJ 04/30/19
93) Benzo(a,h,i)perylene	26.29	276	4024278m)	43.195	ng/ul	→ SJ 04/30/19

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042619\
Data File : BN005341.D
Acq On : 27 Apr 2019 05:42
Operator : JU/SJ
Sample : K2456-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHP8

Manual Integrations
APPROVED

Sohil
4/29/2019 1:44:12 PM

Quant Time: Apr 29 03:14:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 25 03:19:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

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