

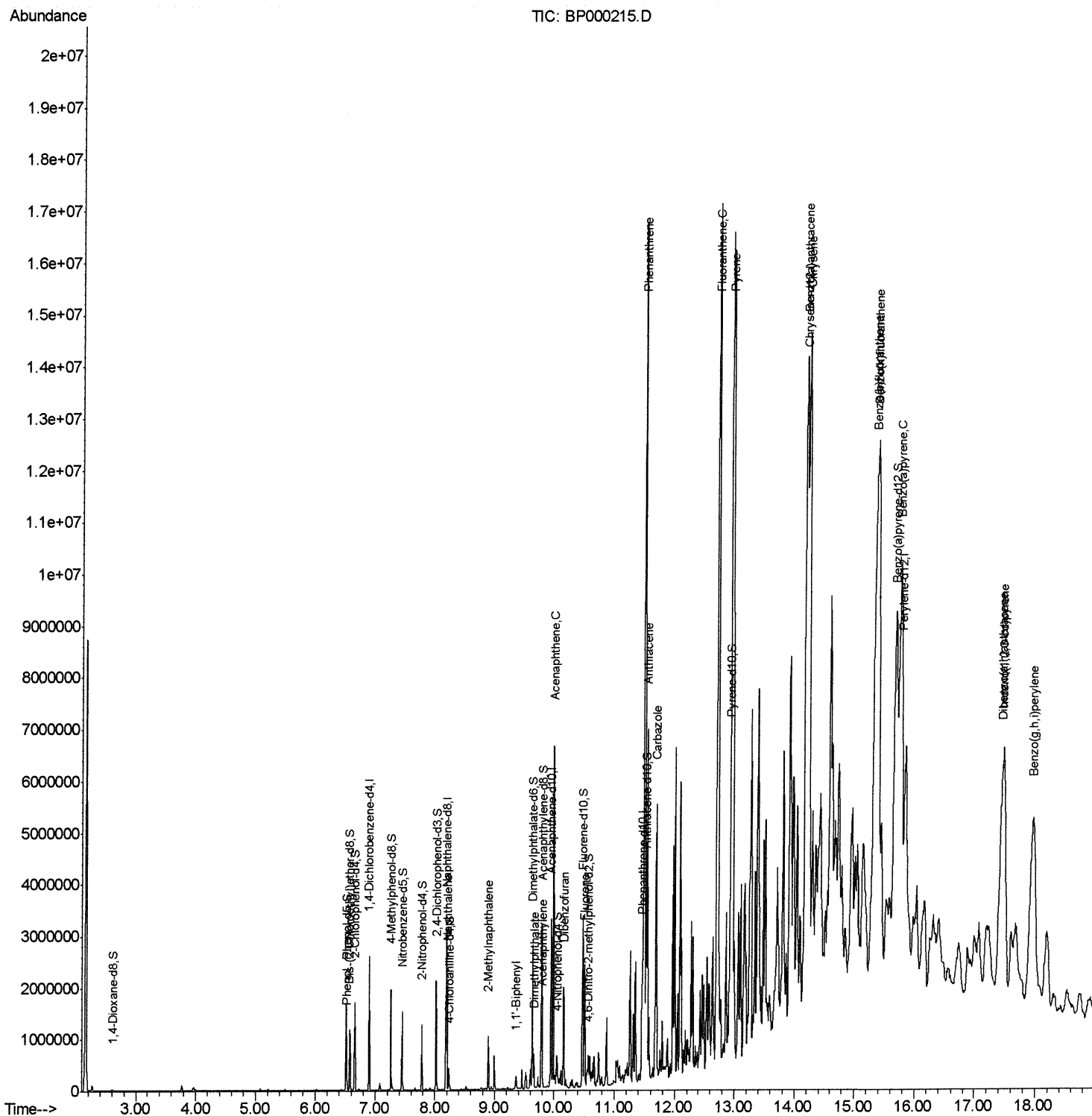
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091219\
Data File : BP000215.D
Acq On : 12 Sep 2019 14:02
Operator : HP/JU
Sample : K4634-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampled :
F2D30

Manual Integrations
APPROVED

mohammad
9/16/2019 9:08:58 AM

Quant Time: Sep 13 13:17:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 02:43:18 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

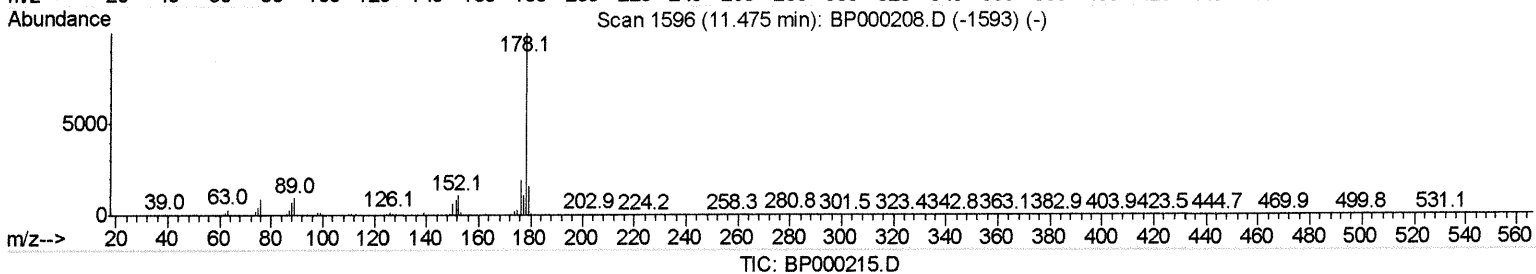
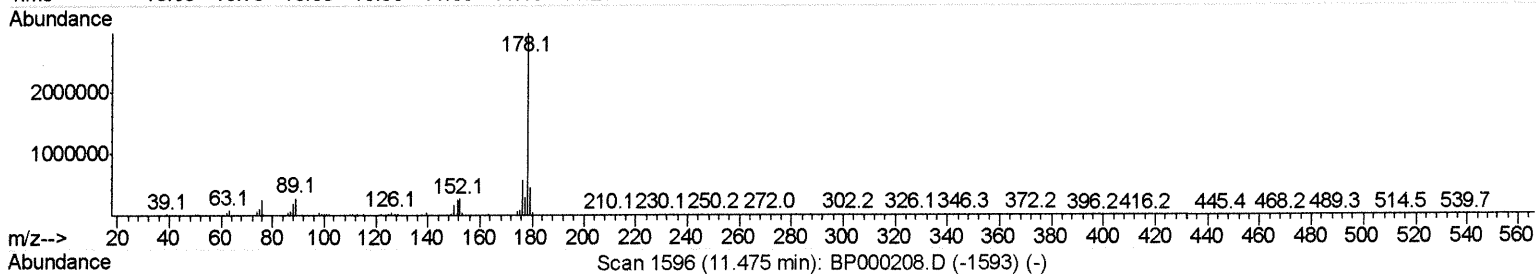
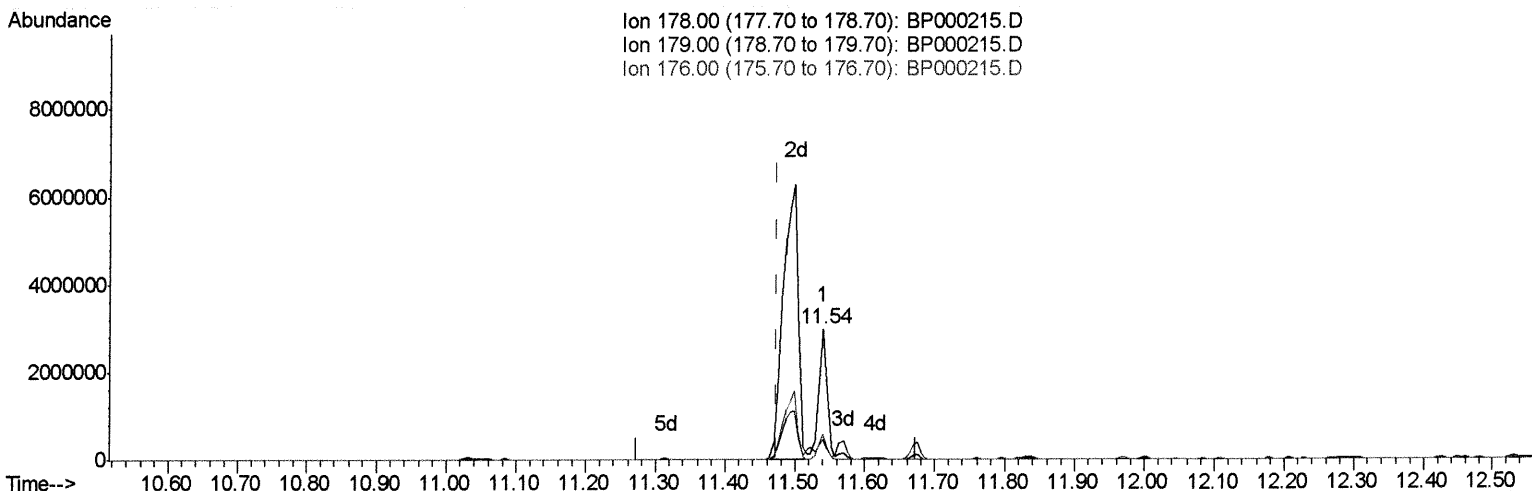
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000215.D
Acq On : 12 Sep 2019 14:02
Operator : HP/JU
Sample : K4634-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F2D30

Manual Integrations
APPROVED

mohammad
9/16/2019 9:08:58 AM

Quant Time: Sep 13 01:47:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 02:43:18 2019
Response via : Initial Calibration



(70) Phenanthrene

11.540min (+0.065) 37.84ng/ui

response 2523424

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	14.98
176.00	19.60	19.25
0.00	0.00	0.00

Quantitation Report (Qedit)

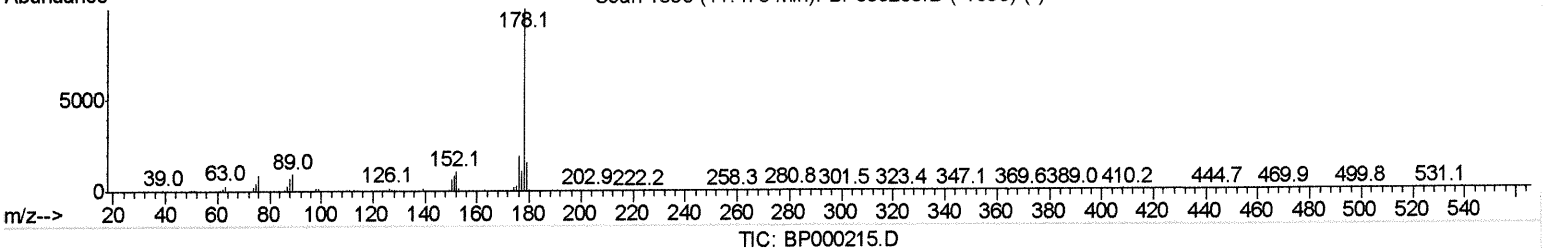
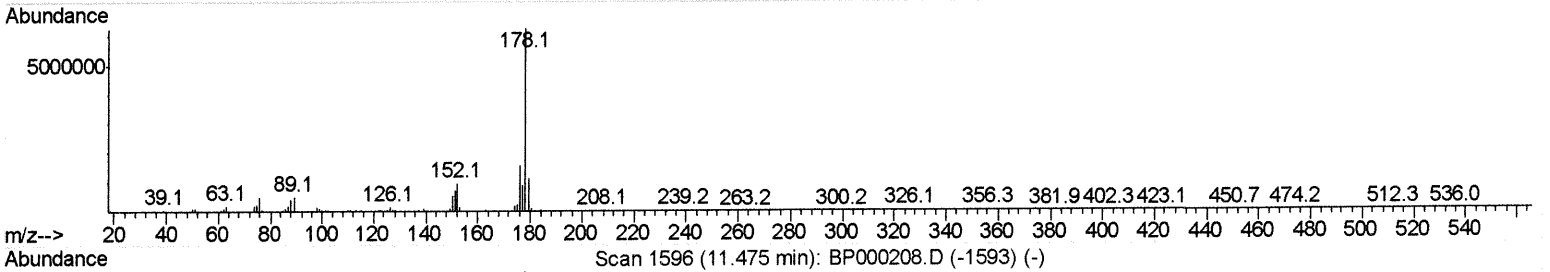
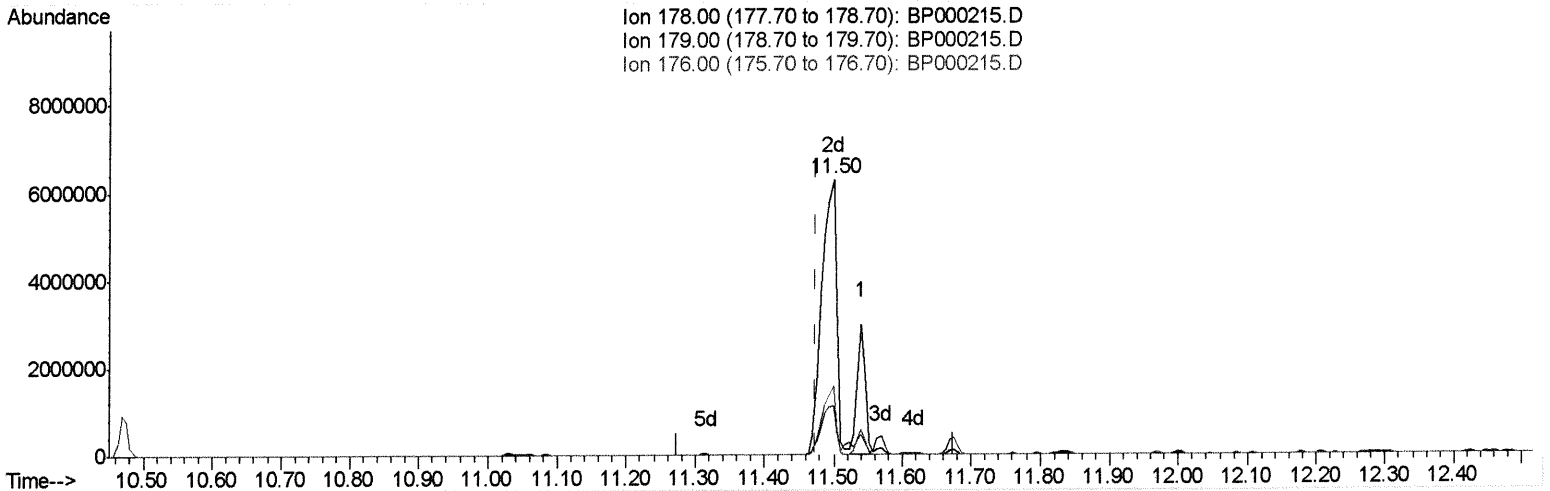
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
 Data File : BP000215.D
 Acq On : 12 Sep 2019 14:02
 Operator : HP/JU
 Sample : K4634-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F2D30

Manual Integrations
 APPROVED

mohammad
 9/16/2019 9:08:58 AM

Quant Time: Sep 13 01:47:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 10 02:43:18 2019
 Response via : Initial Calibration



(70) Phenanthrene

11.499min (+0.024) 140.52ng/ul m *JU 09/17/19*

response 9370127

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	17.93
176.00	19.60	24.80#
0.00	0.00	0.00

Quantitation Report (Qedit)

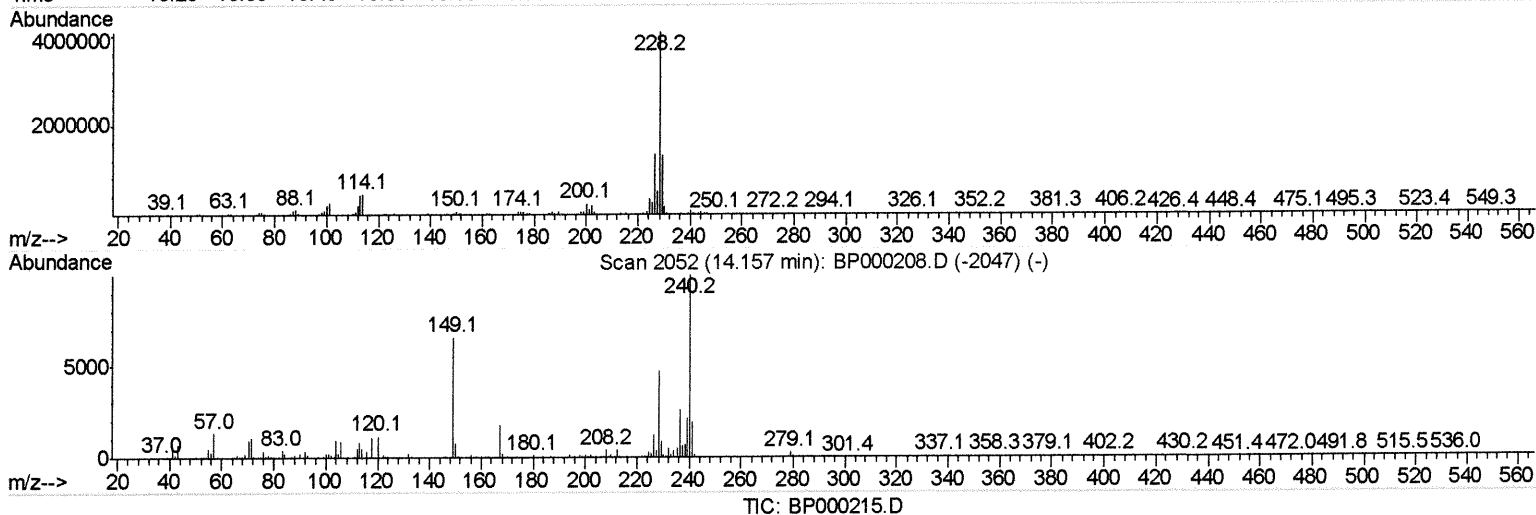
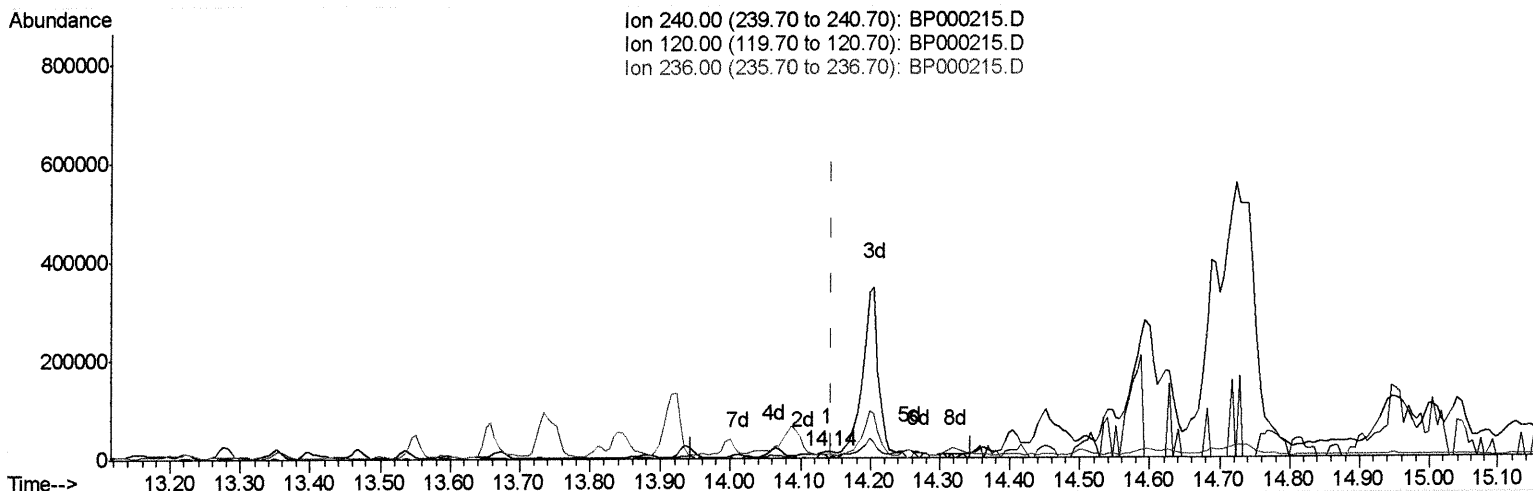
Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP091219\
Data File : BP000215.D
Acq On : 12 Sep 2019 14:02
Operator : HP/JU
Sample : K4634-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F2D30

Manual Integrations
APPROVED

mohammad
9/16/2019 9:08:58 AM

Quant Time: Sep 13 01:47:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 02:43:18 2019
Response via : Initial Calibration



(78) Chrysene-d12 (I)

14.140min (-0.006) 20.00ng/ul

response 13465

Ion	Exp%	Act%
240.00	100	100
120.00	13.30	0.00#
236.00	26.10	47.83#
0.00	0.00	0.00

Quantitation Report (Qedit)

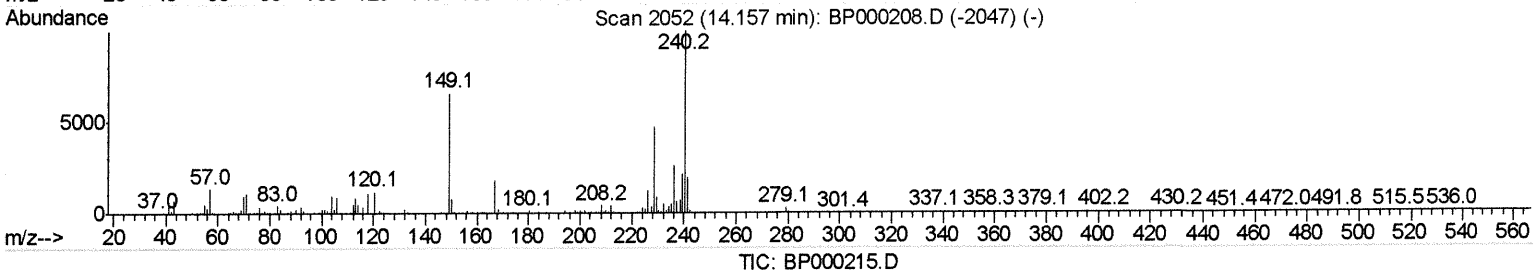
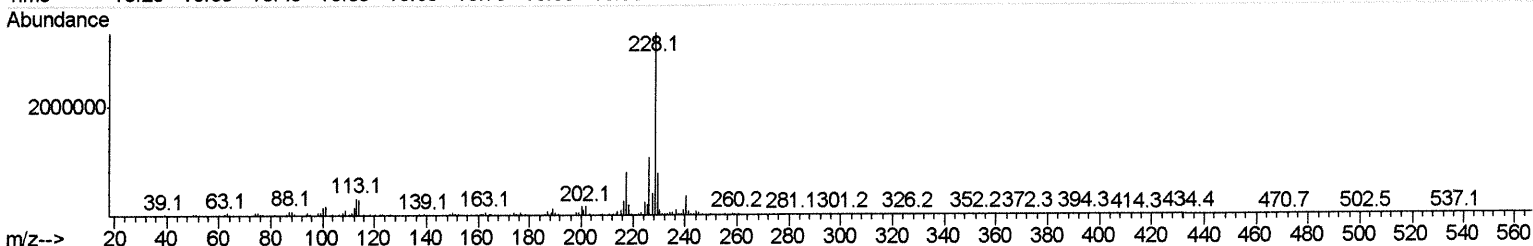
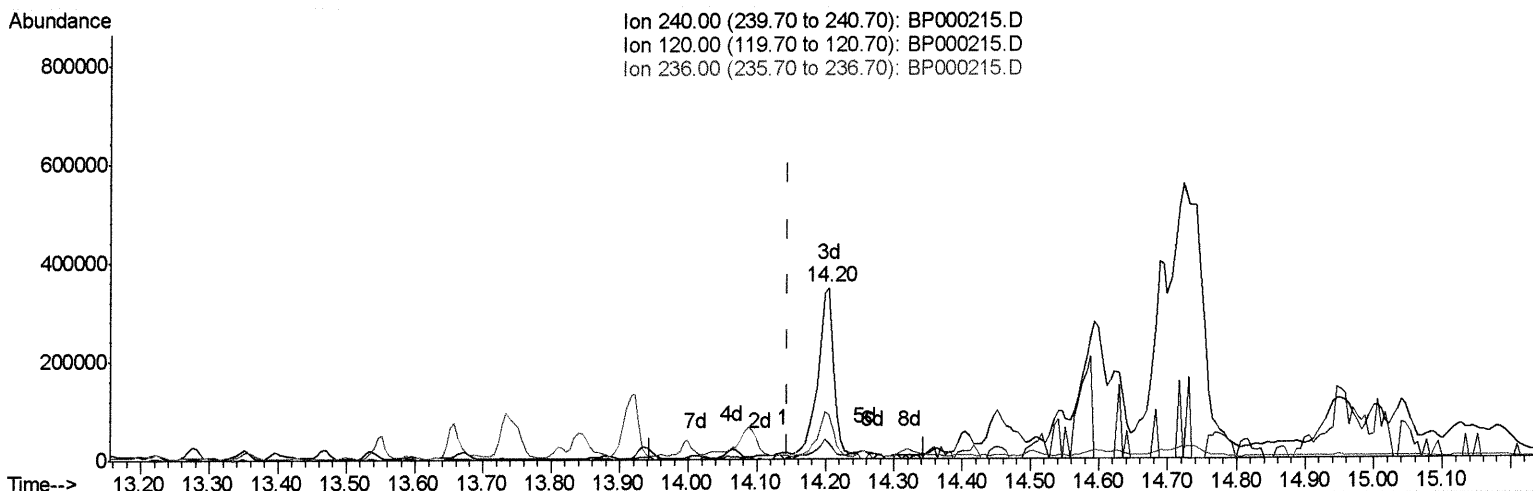
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
 Data File : BP000215.D
 Acq On : 12 Sep 2019 14:02
 Operator : HP/JU
 Sample : K4634-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F2D30

Manual Integrations
 APPROVED

mohammad
 9/16/2019 9:08:58 AM

Quant Time: Sep 13 01:47:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 10 02:43:18 2019
 Response via : Initial Calibration



(78) Chrysene-d12 (I)

14.204min (+0.059) 20.00ng/ul m *Ju* 09/17/19

response 533143

Ion	Exp%	Act%
240.00	100	100
120.00	13.30	9.56#
236.00	26.10	26.59
0.00	0.00	0.00

Quantitation Report (Qedit)

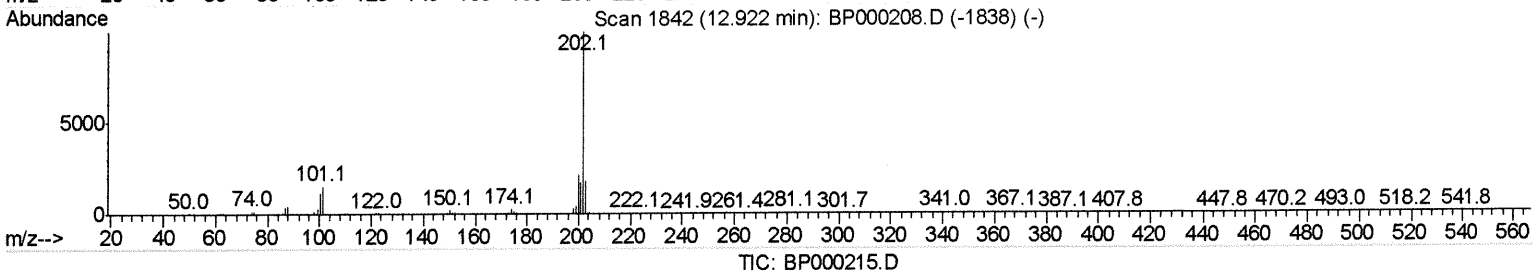
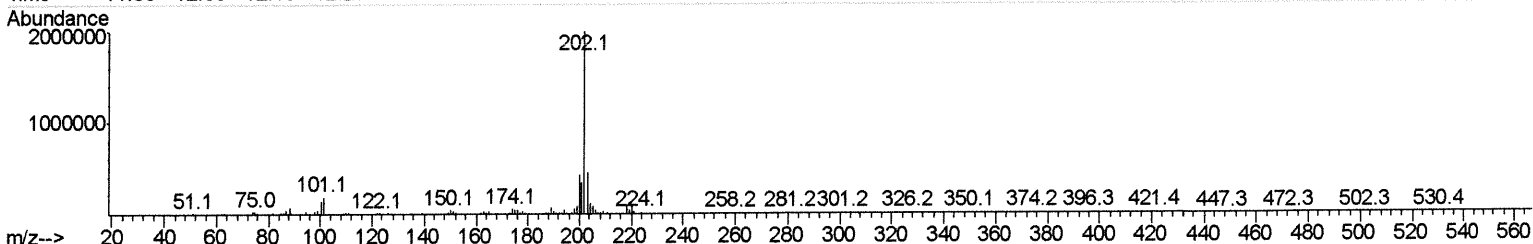
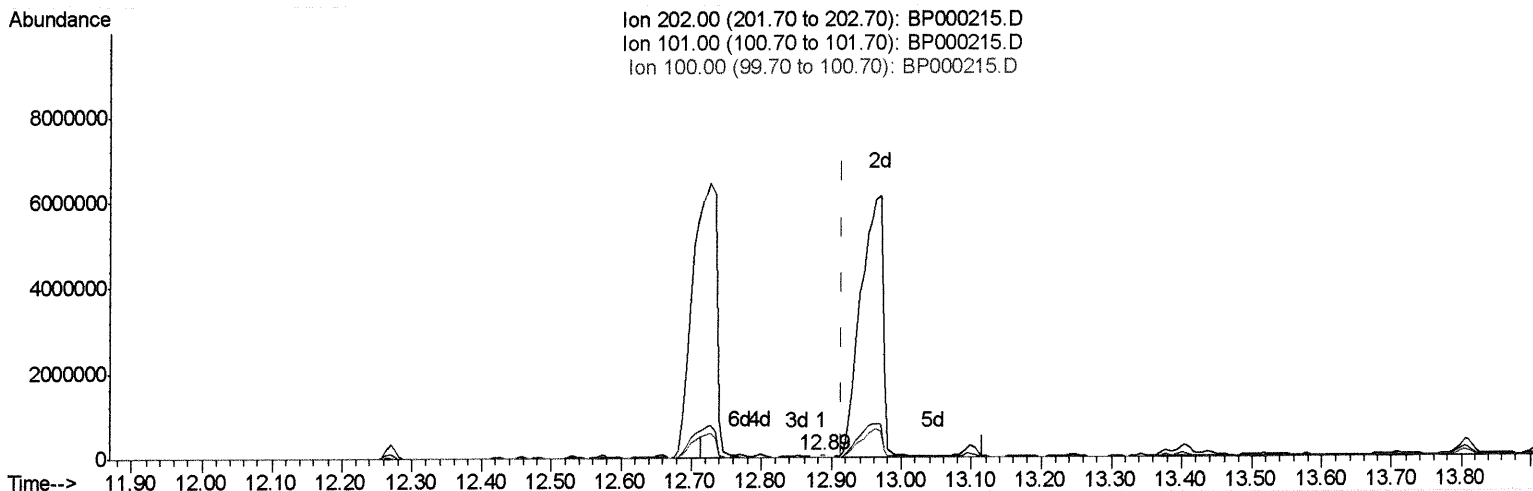
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
 Data File : BP000215.D
 Acq On : 12 Sep 2019 14:02
 Operator : HP/JU
 Sample : K4634-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F2D30

Manual Integrations
 APPROVED

mohammad
 9/16/2019 9:08:58 AM

Quant Time: Sep 13 04:30:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 10 02:43:18 2019
 Response via : Initial Calibration



(80) Pyrene

12.887min (-0.029) 0.78ng/ul

response 31518

Ion	Exp%	Act%
202.00	100	100
101.00	16.70	28.31#
100.00	13.50	10.68#
0.00	0.00	0.00

Quantitation Report (Qedit)

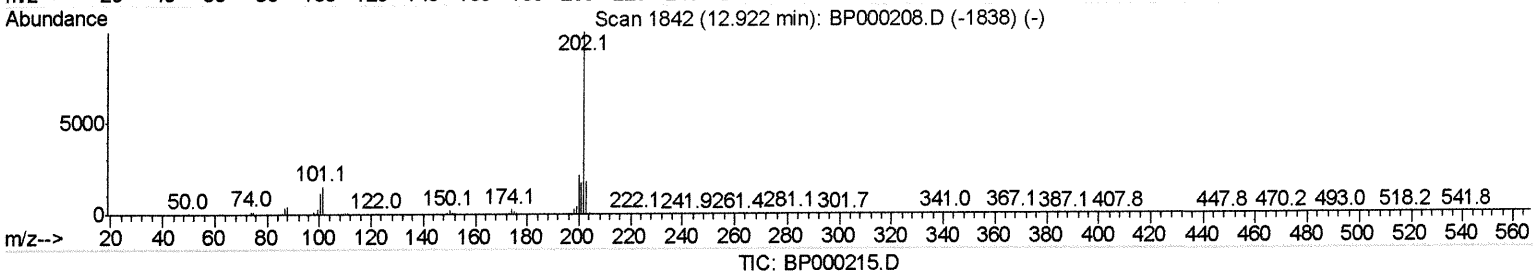
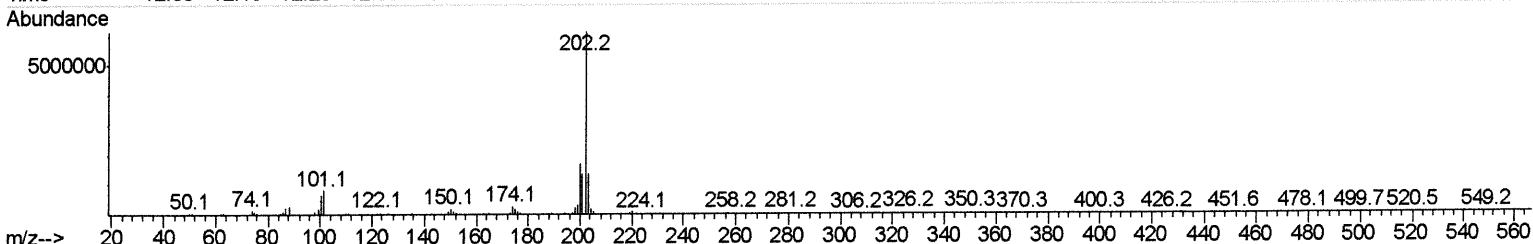
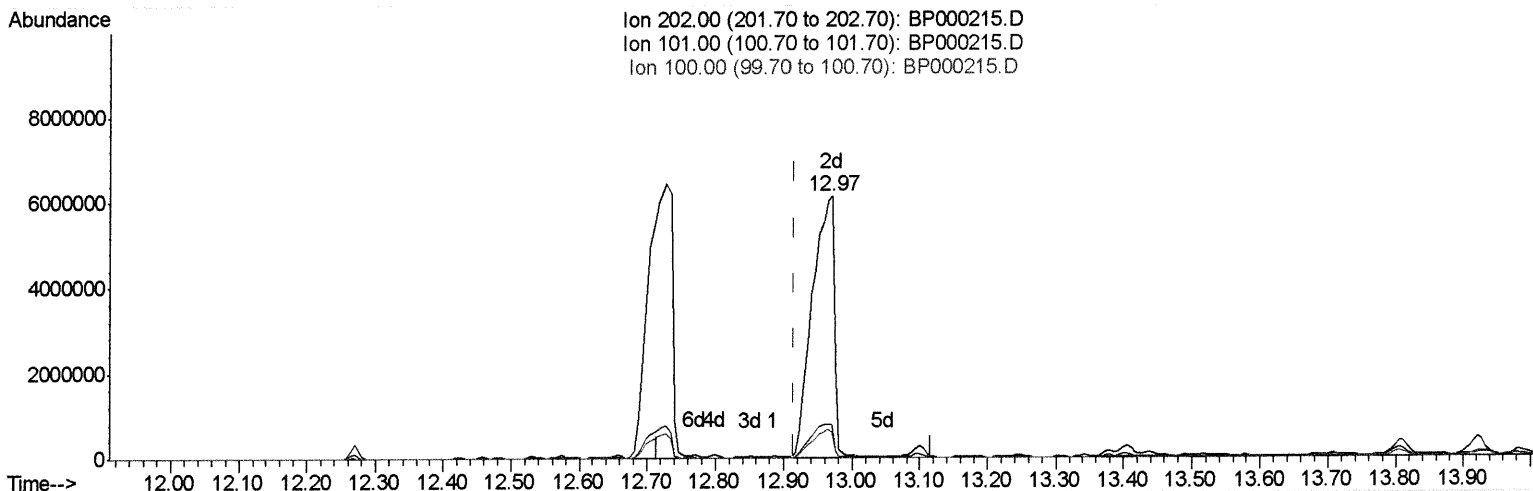
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
 Data File : BP000215.D
 Acq On : 12 Sep 2019 14:02
 Operator : HP/JU
 Sample : K4634-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F2D30

Manual Integrations
 APPROVED

mohammad
 9/16/2019 9:08:58 AM

Quant Time: Sep 13 04:30:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 10 02:43:18 2019
 Response via : Initial Calibration



(80) Pyrene

12.969min (+0.053) 336.77ng/ul m

JU
 09/17/19

response 13545849

Ion	Exp%	Act%
202.00	100	100
101.00	16.70	12.70#
100.00	13.50	10.09#
0.00	0.00	0.00

Quantitation Report (Qedit)

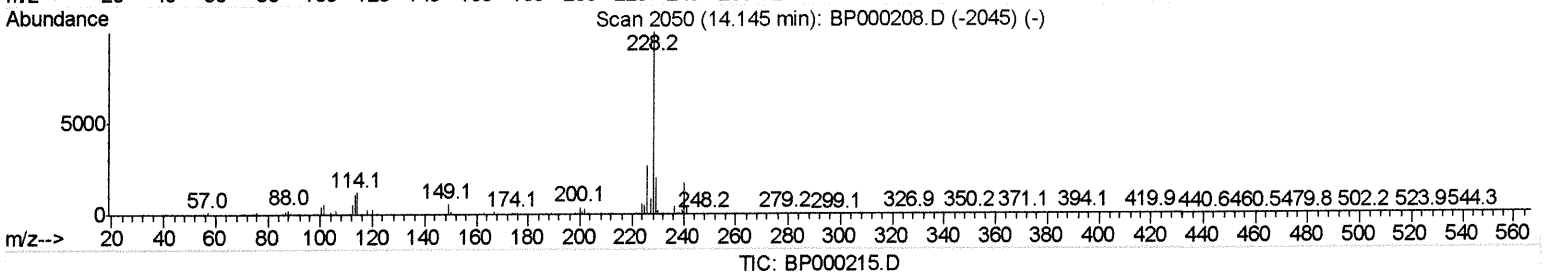
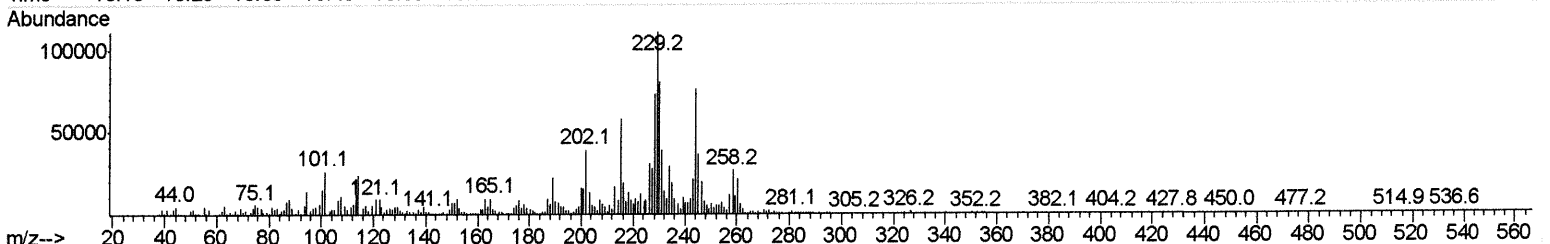
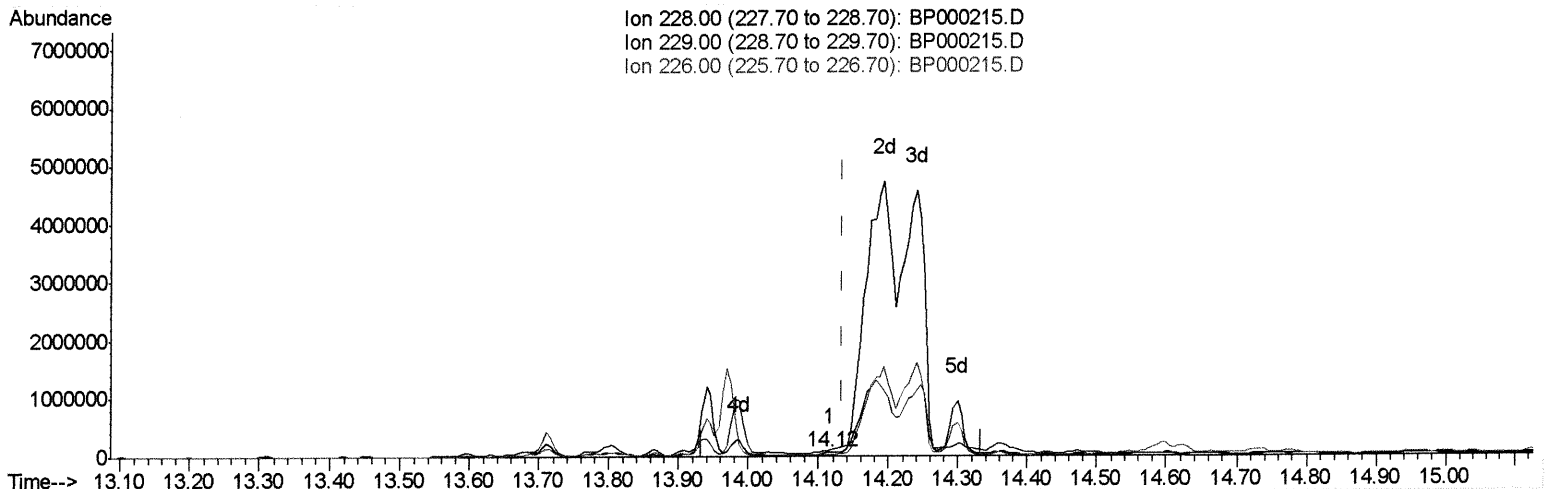
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
 Data File : BP000215.D
 Acq On : 12 Sep 2019 14:02
 Operator : HP/JU
 Sample : K4634-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F2D30

Manual Integrations
 APPROVED

mohammad
 9/16/2019 9:08:58 AM

Quant Time: Sep 13 04:30:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 10 02:43:18 2019
 Response via : Initial Calibration



(83) Benzo(a)anthracene

14.116min (-0.017) 2.07ng/ul

response 79709

Ion	Exp%	Act%
228.00	100	100
229.00	19.90	151.52#
226.00	27.60	41.61#
0.00	0.00	0.00

Quantitation Report (Qedit)

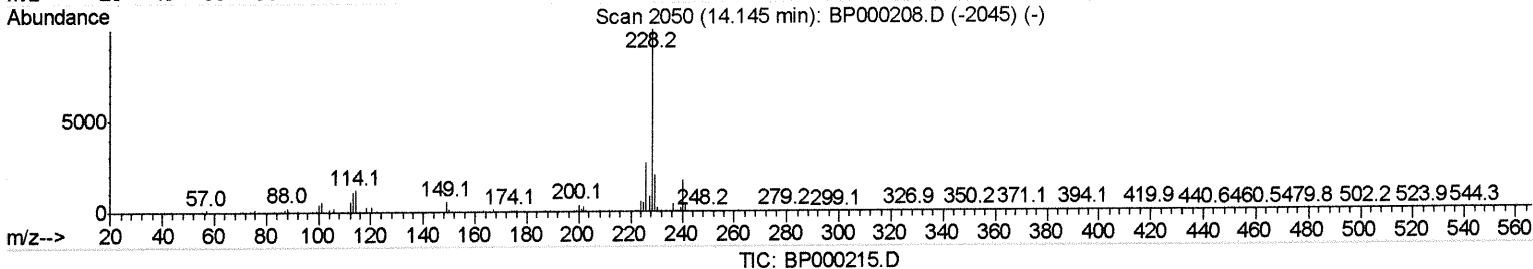
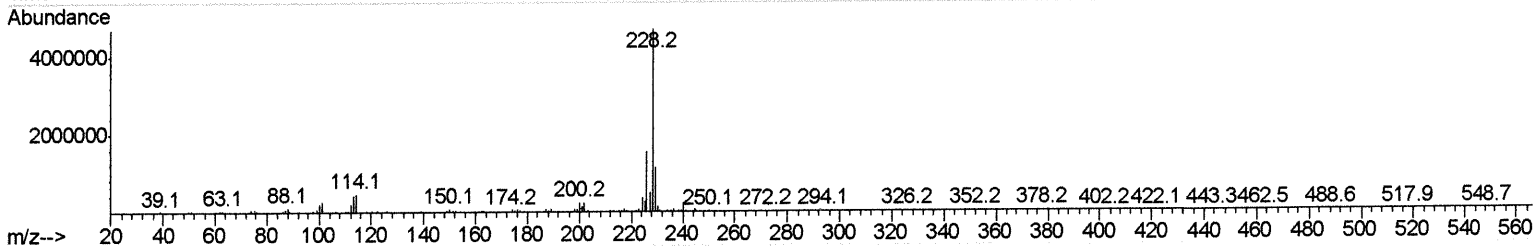
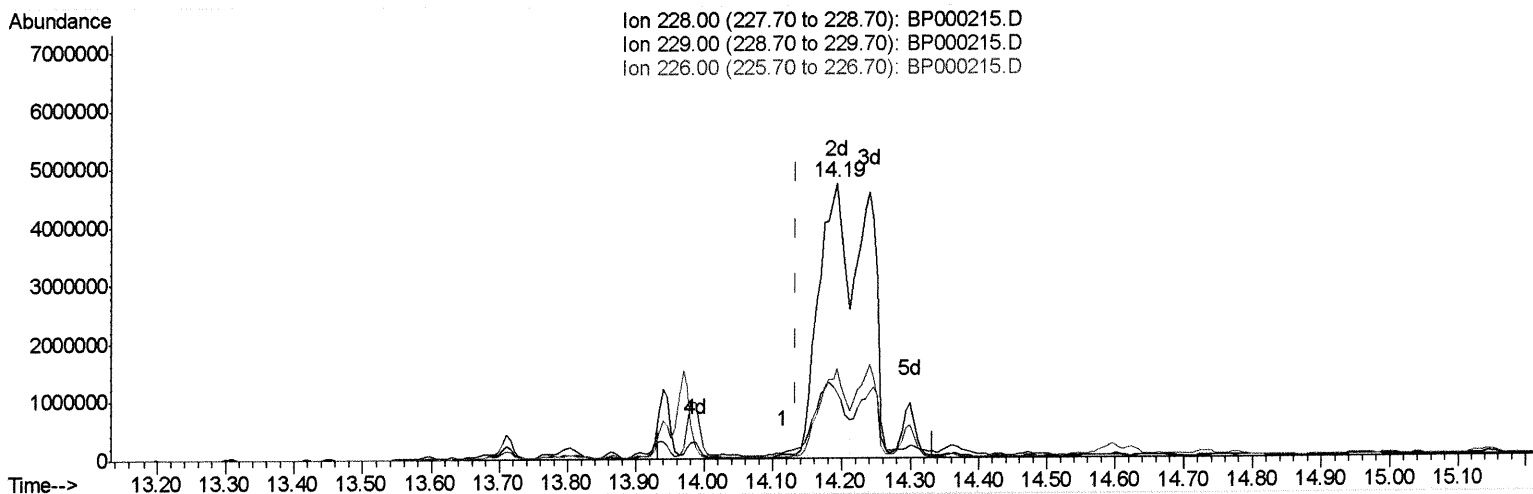
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000215.D
Acq On : 12 Sep 2019 14:02
Operator : HP/JU
Sample : K4634-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F2D30

Manual Integrations
APPROVED

mohammad
9/16/2019 9:08:58 AM

Quant Time: Sep 13 04:30:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 02:43:18 2019
Response via : Initial Calibration



(83) Benzo(a)anthracene

14.192min (+0.059) 332.23ng/ul m

JU
09/17/19

response 12821803

Ion	Exp%	Act%
228.00	100	100
229.00	19.90	23.95#
226.00	27.60	32.84
0.00	0.00	0.00

Quantitation Report (Qedit)

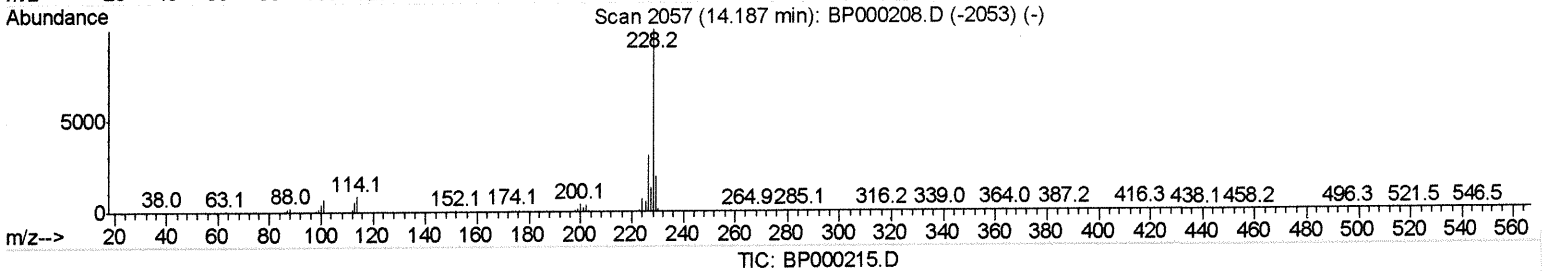
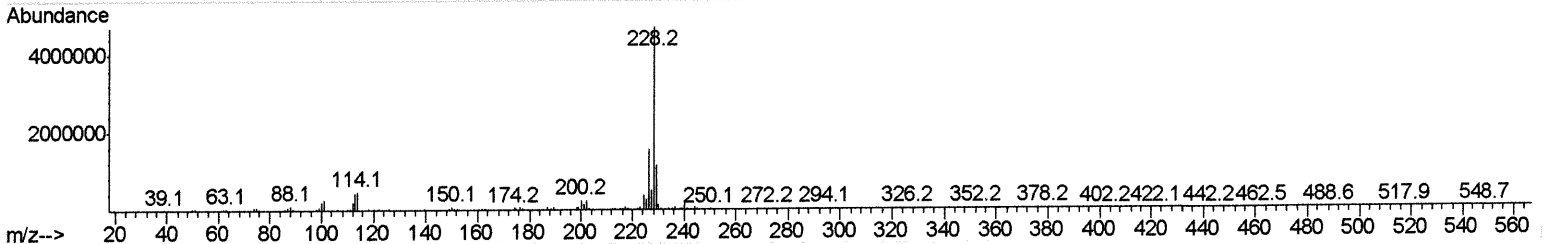
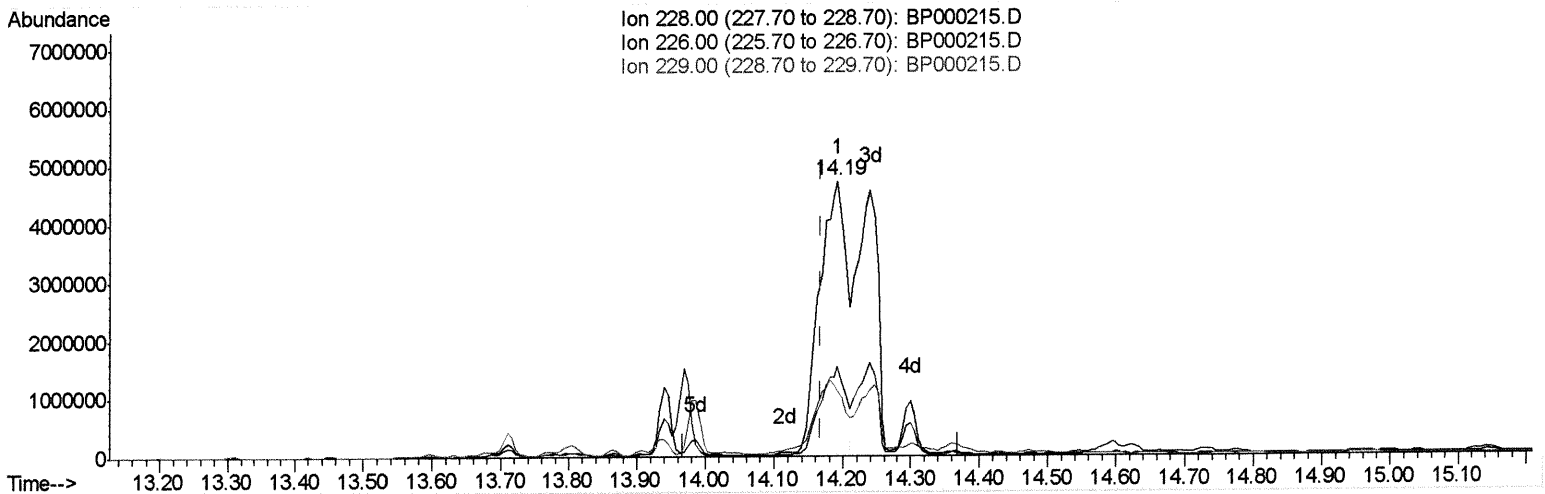
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000215.D
Acq On : 12 Sep 2019 14:02
Operator : HP/JU
Sample : K4634-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F2D30

Manual Integrations
APPROVED

mohammad
9/16/2019 9:08:58 AM

Quant Time: Sep 13 04:30:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 02:43:18 2019
Response via : Initial Calibration



(85) Chrysene

14.192min (+0.024) 363.00ng/ul

response 12855218

Ion	Exp%	Act%
228.00	100	100
226.00	30.50	32.84
229.00	20.00	23.95
0.00	0.00	0.00

Quantitation Report (Qedit)

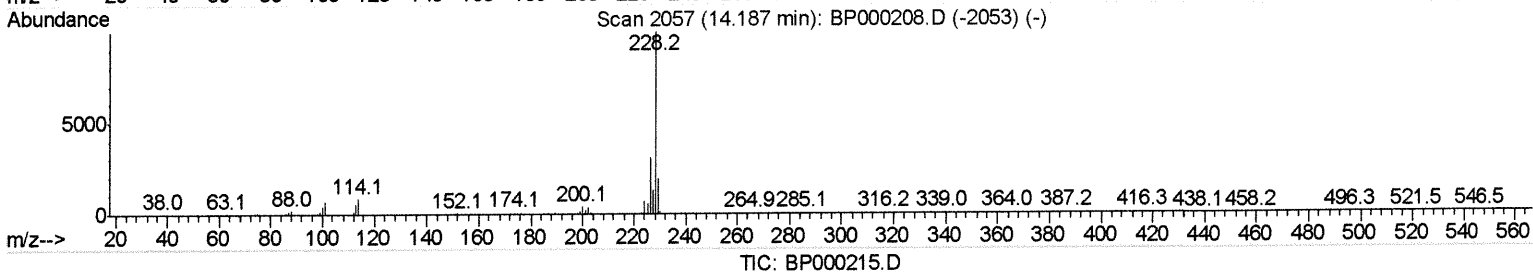
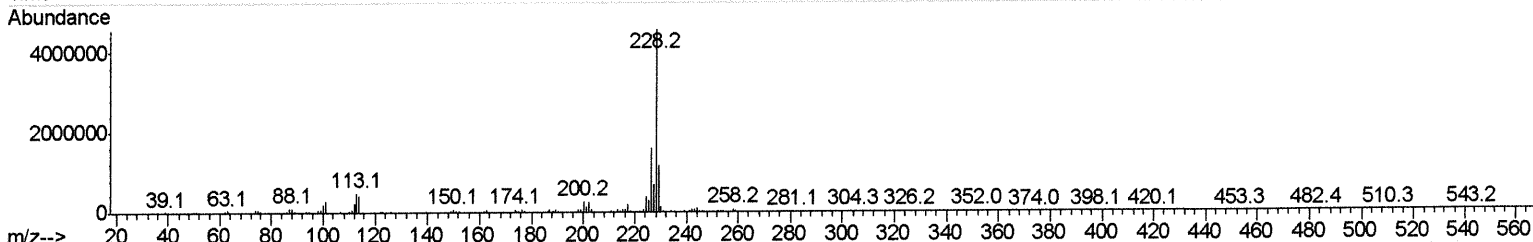
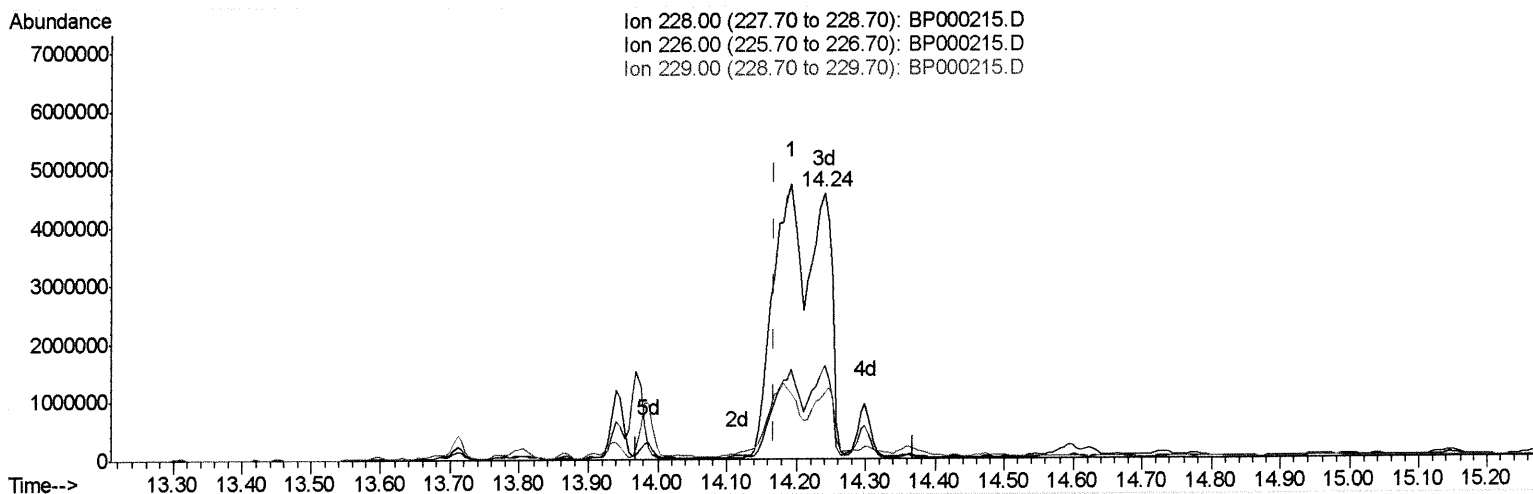
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000215.D
Acq On : 12 Sep 2019 14:02
Operator : HP/JU
Sample : K4634-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F2D30

Manual Integrations
APPROVED

mohammad
9/16/2019 9:08:58 AM

Quant Time: Sep 13 04:30:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 02:43:18 2019
Response via : Initial Calibration



(85) Chrysene

14.240min (+0.071) 266.40ng/ul m *JU* 09/12/19

response 9434237

Ion	Exp%	Act%
228.00	100	100
226.00	30.50	34.94
229.00	20.00	25.05#
0.00	0.00	0.00

Quantitation Report (Qedit)

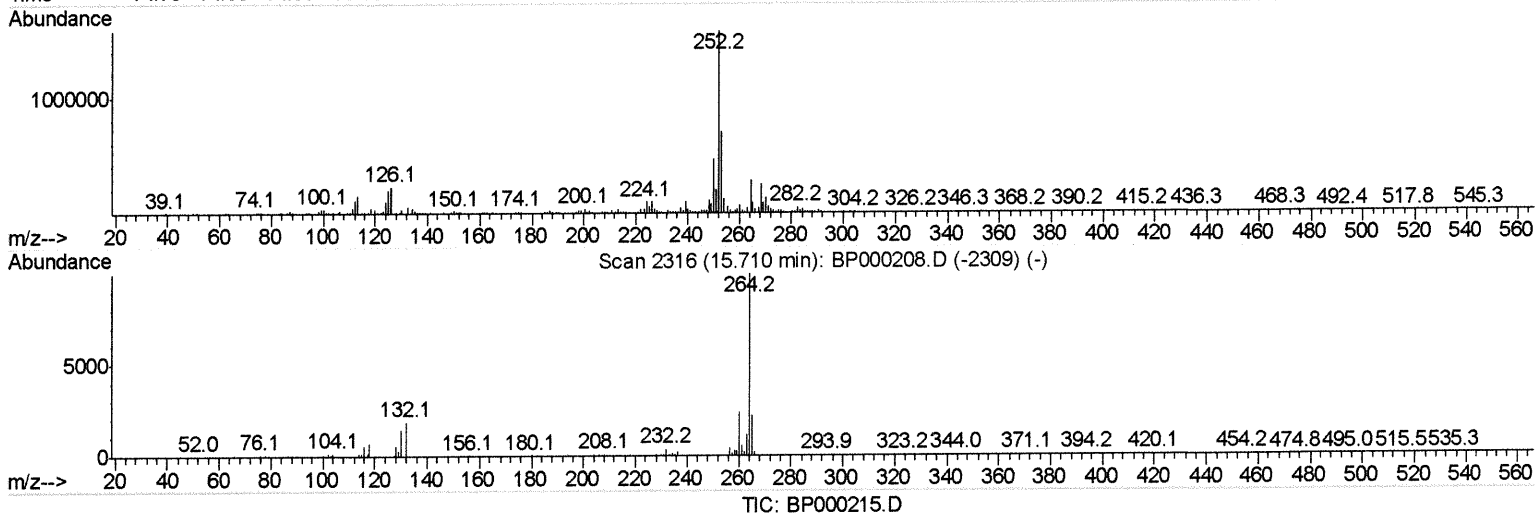
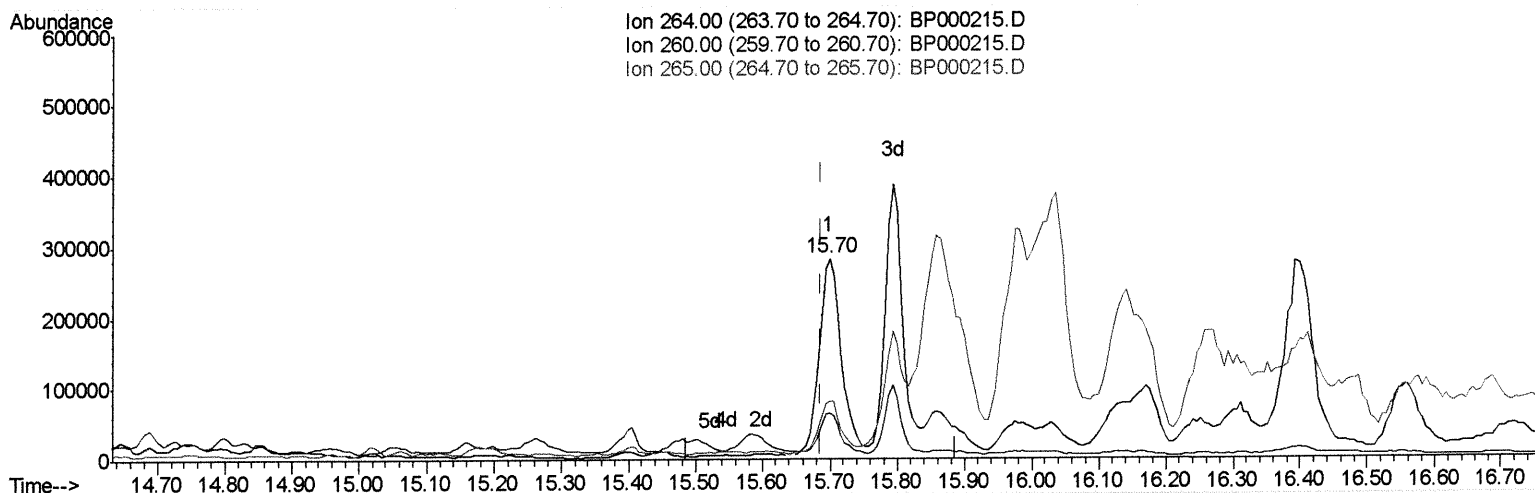
```
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\  
Data File : BP000215.D  
Acq On    : 12 Sep 2019  14:02  
Operator  : HP/JU  
Sample    : K4634-12  
Misc      :  
ALS Vial  : 9      Sample Multiplier: 1
```

Instrument :
BNA_P
ClientSampleId :
F2D30

Manual Integrations
APPROVED

mohammad
9/16/2019 9:08:58 AM

Quant Time: Sep 13 04:30:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 02:43:18 2019
Response via : Initial Calibration



(86) Perylene-d12 (I)

15.698min (+0.012) 20.00ng/ul

response 637143

Ion	Exp%	Act%
264.00	100	100
260.00	23.90	23.09
265.00	21.80	28.99#
0.00	0.00	0.00

Quantitation Report (Qedit)

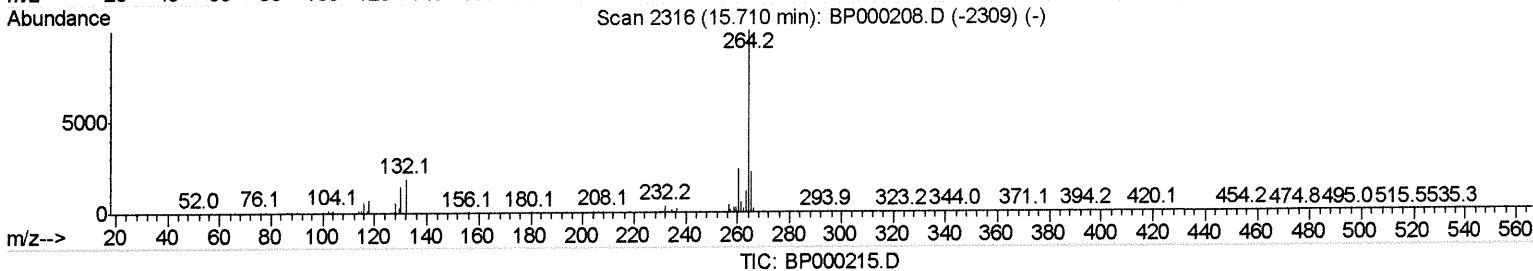
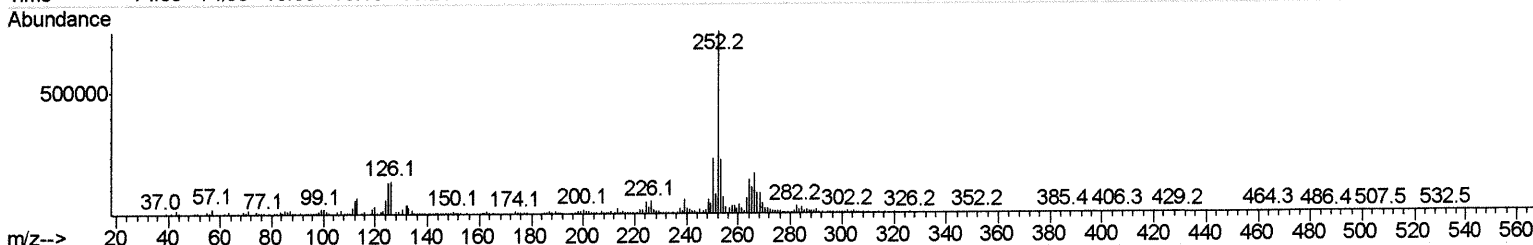
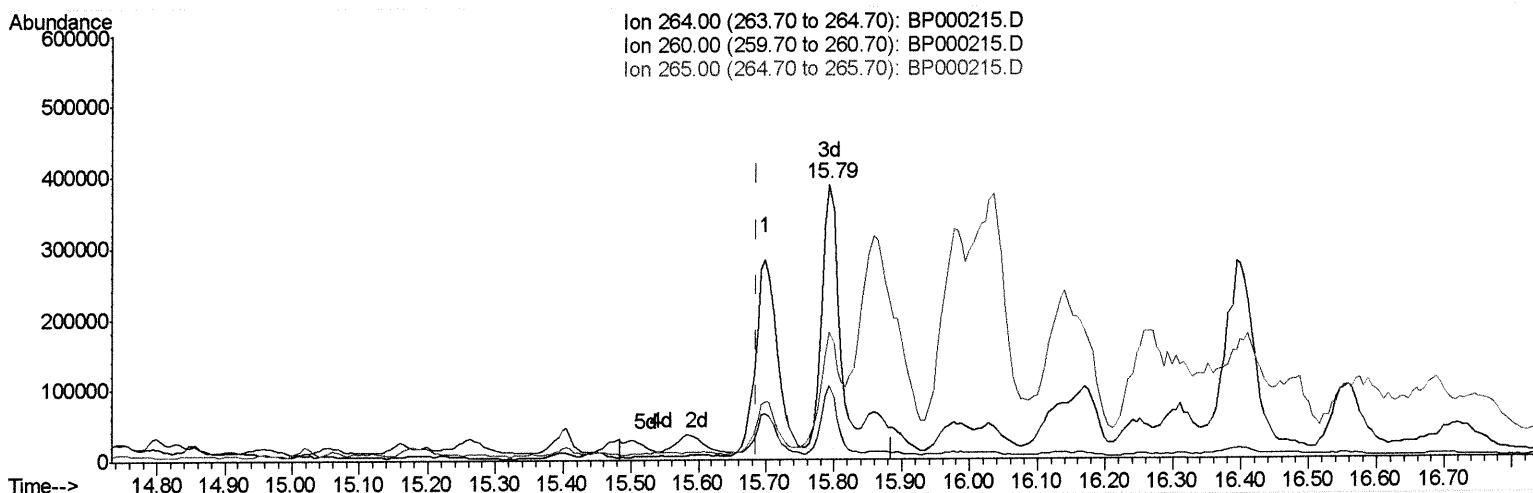
Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP091219\
Data File : BP000215.D
Acq On : 12 Sep 2019 14:02
Operator : HP/JU
Sample : K4634-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F2D30

Manual Integrations
APPROVED

mohammad
9/16/2019 9:08:58 AM

Quant Time: Sep 13 04:30:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 02:43:18 2019
Response via : Initial Calibration



(86) Perylene-d12 (I)

15.792min (+0.106) 20.00ng/ul m

JU 9/17/19

response 650518

Ion	Exp%	Act%
264.00	100	100
260.00	23.90	26.99
265.00	21.80	46.16#
0.00	0.00	0.00

Quantitation Report (Qedit)

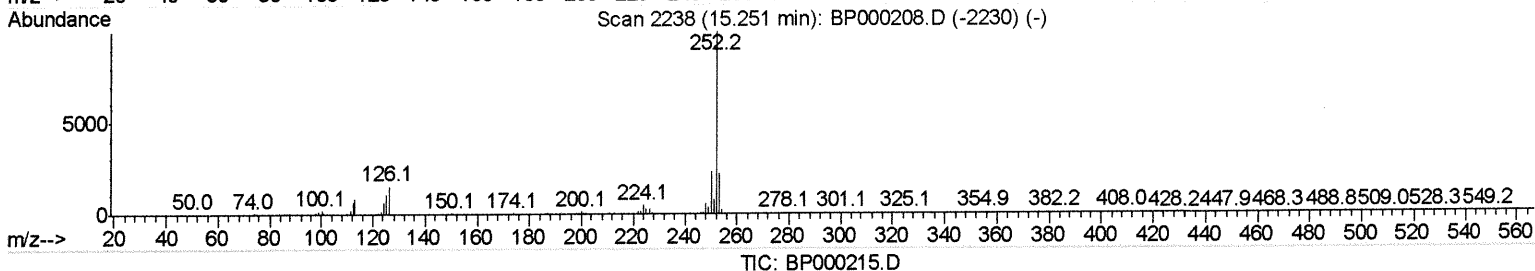
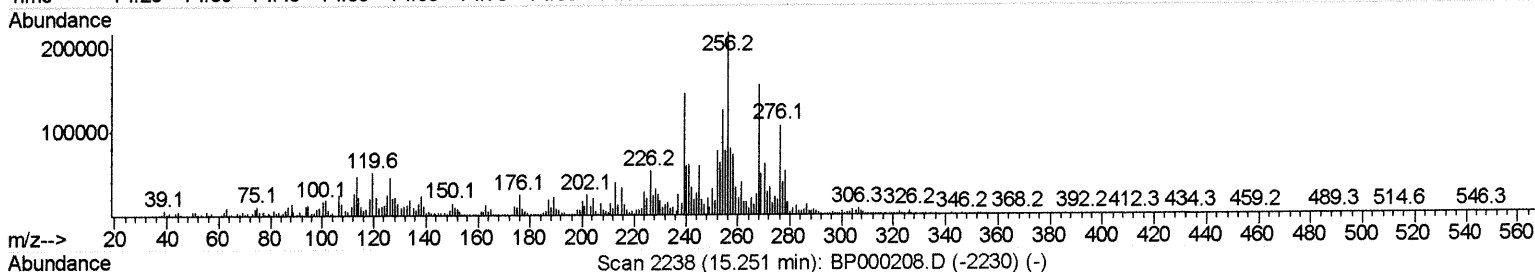
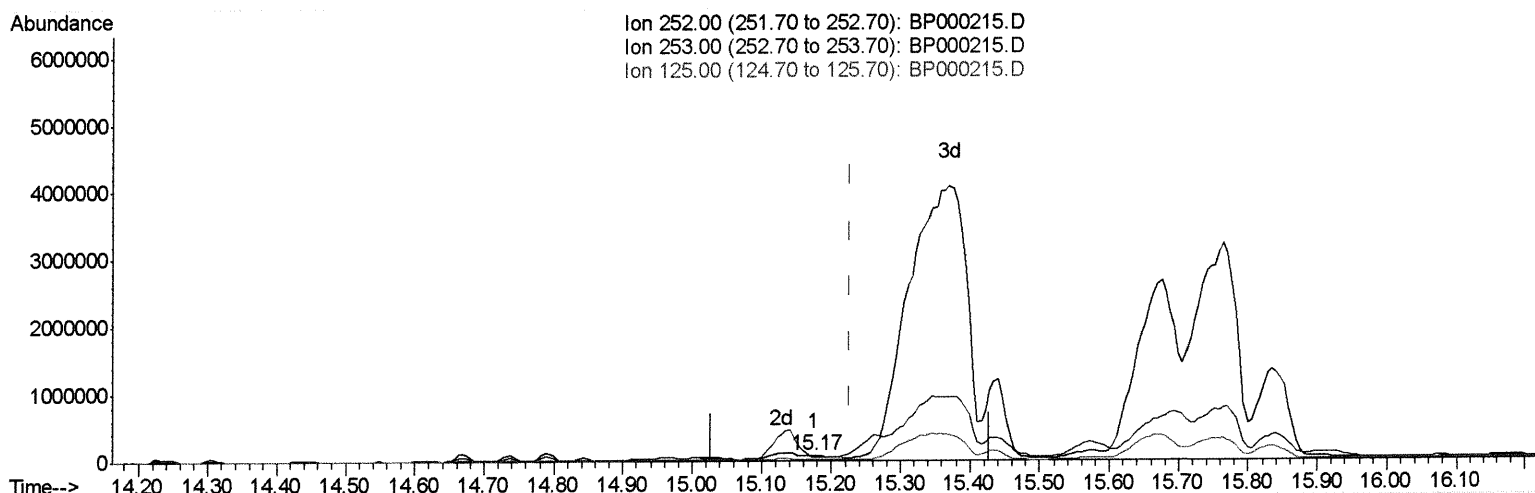
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000215.D
Acq On : 12 Sep 2019 14:02
Operator : HP/JU
Sample : K4634-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F2D30

Manual Integrations
APPROVED

mohammad
9/16/2019 9:08:58 AM

Quant Time: Sep 13 04:32:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 02:43:18 2019
Response via : Initial Calibration



(88) Benzo(b)fluoranthene
15.175min (-0.053) 1.43ng/ul

response 61772

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	83.28#
125.00	12.40	30.98#
0.00	0.00	0.00

Quantitation Report (Qedit)

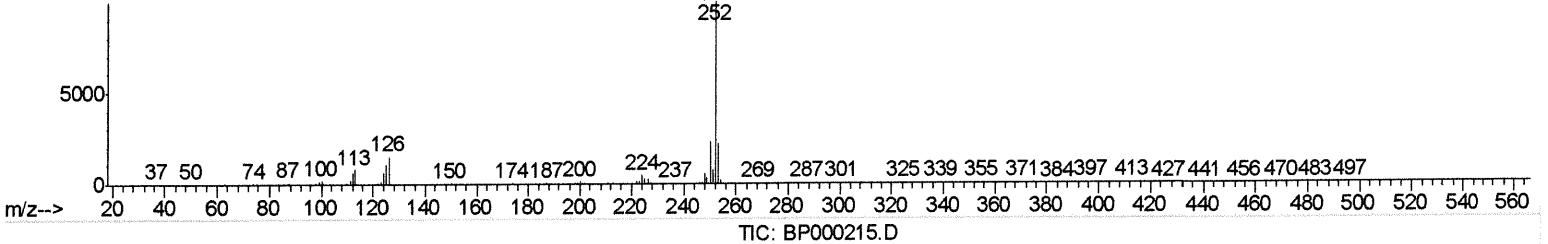
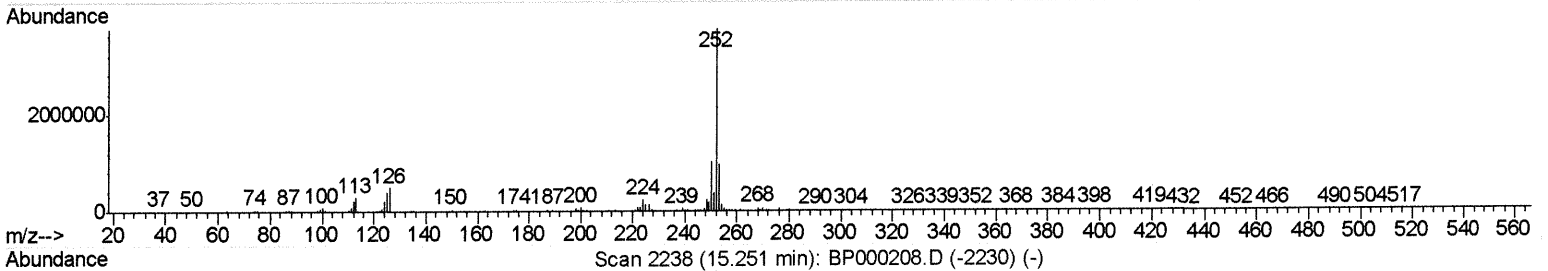
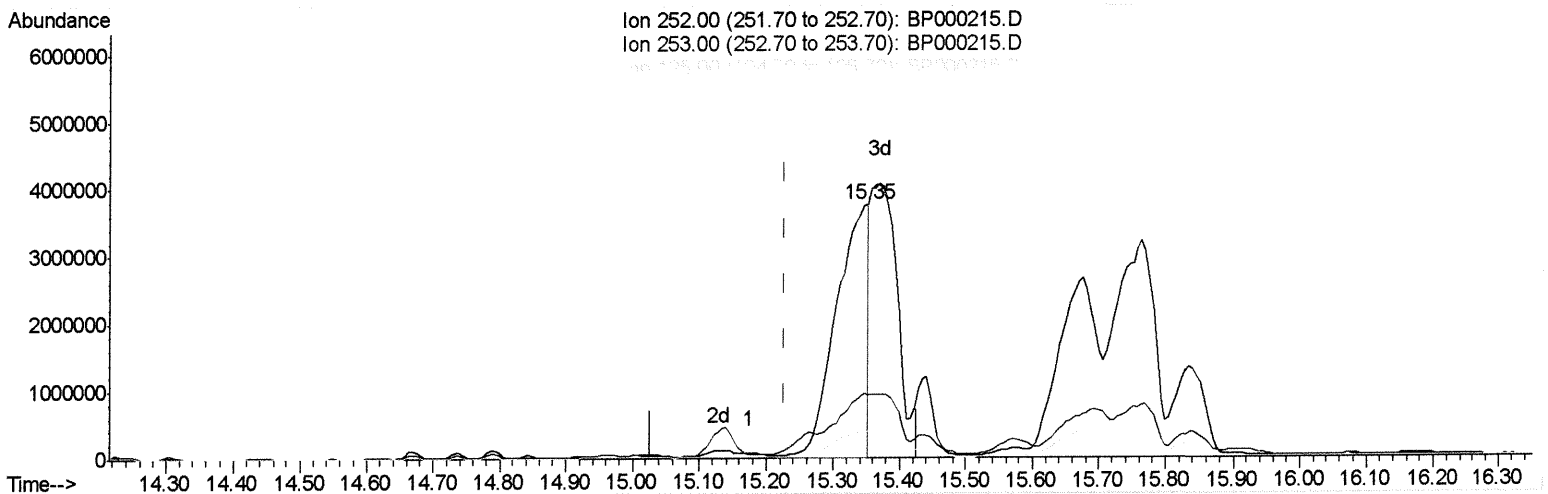
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091219\
 Data File : BP000215.D
 Acq On : 12 Sep 2019 14:02
 Operator : HP/JU
 Sample : K4634-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampled :
 F2D30

Manual Integrations
 APPROVED

mohammad
 9/16/2019 9:08:58 AM

Quant Time: Sep 13 04:36:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 10 02:43:18 2019
 Response via : Initial Calibration



(88) Benzo(b)fluoranthene

15.351min (+0.124) 293.27ng/ul m

JU 09/17/19

response 12644462

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	25.33
125.00	12.40	10.49
0.00	0.00	0.00

Quantitation Report (Qedit)

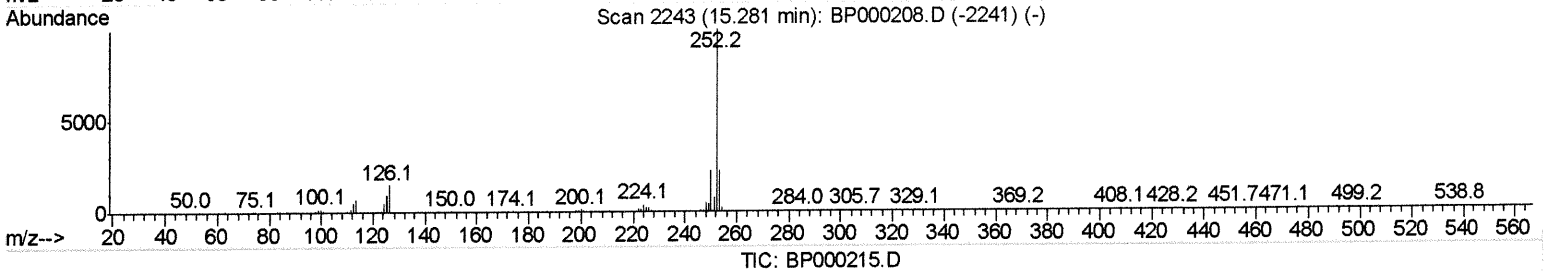
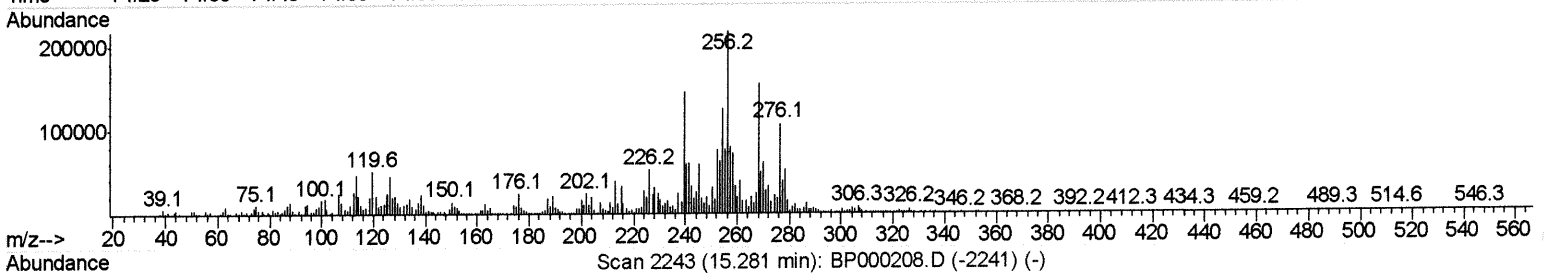
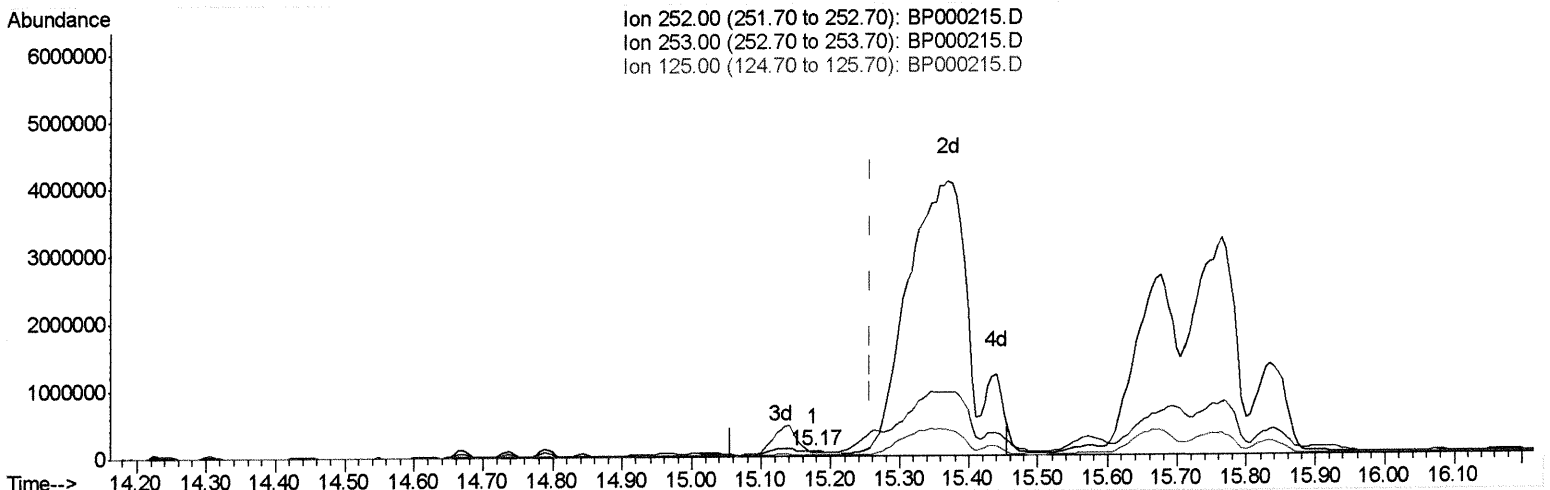
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
 Data File : BP000215.D
 Acq On : 12 Sep 2019 14:02
 Operator : HP/JU
 Sample : K4634-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F2D30

Manual Integrations
 APPROVED

mohammad
 9/16/2019 9:08:58 AM

Quant Time: Sep 13 04:32:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 10 02:43:18 2019
 Response via : Initial Calibration



(89) Benzo(k)fluoranthene

15.175min (-0.082) 1.52ng/ul

response 61772

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	83.28#
125.00	12.70	30.98#
0.00	0.00	0.00

Quantitation Report (Qedit)

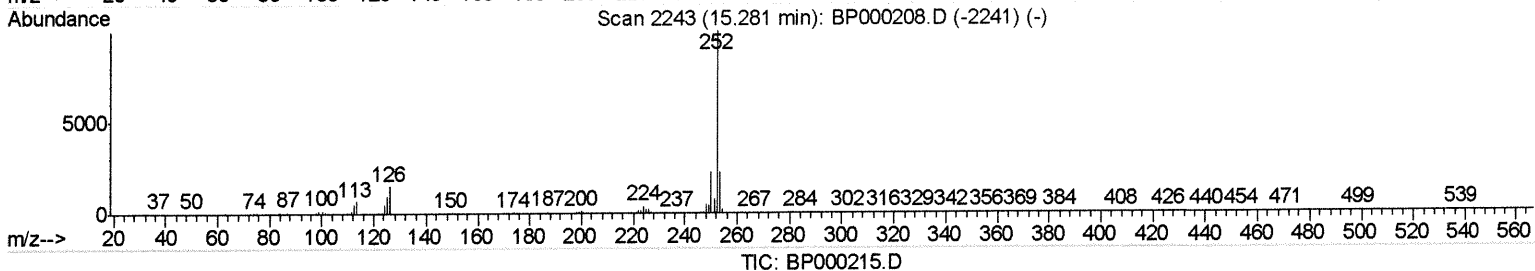
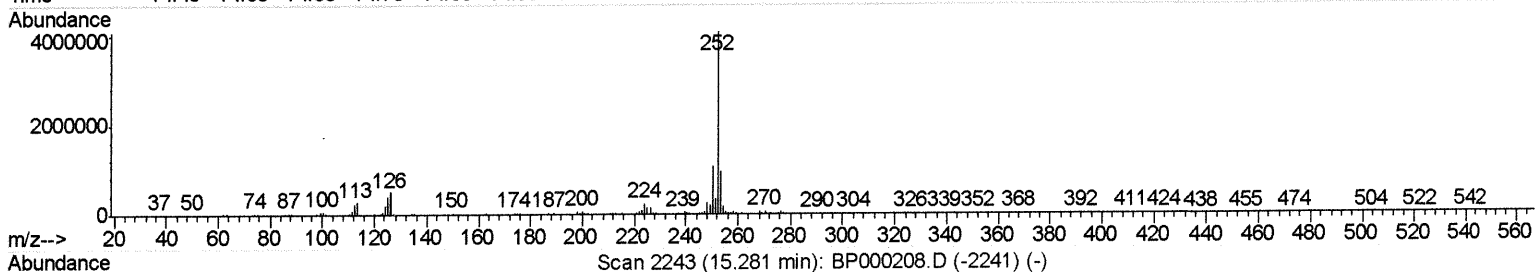
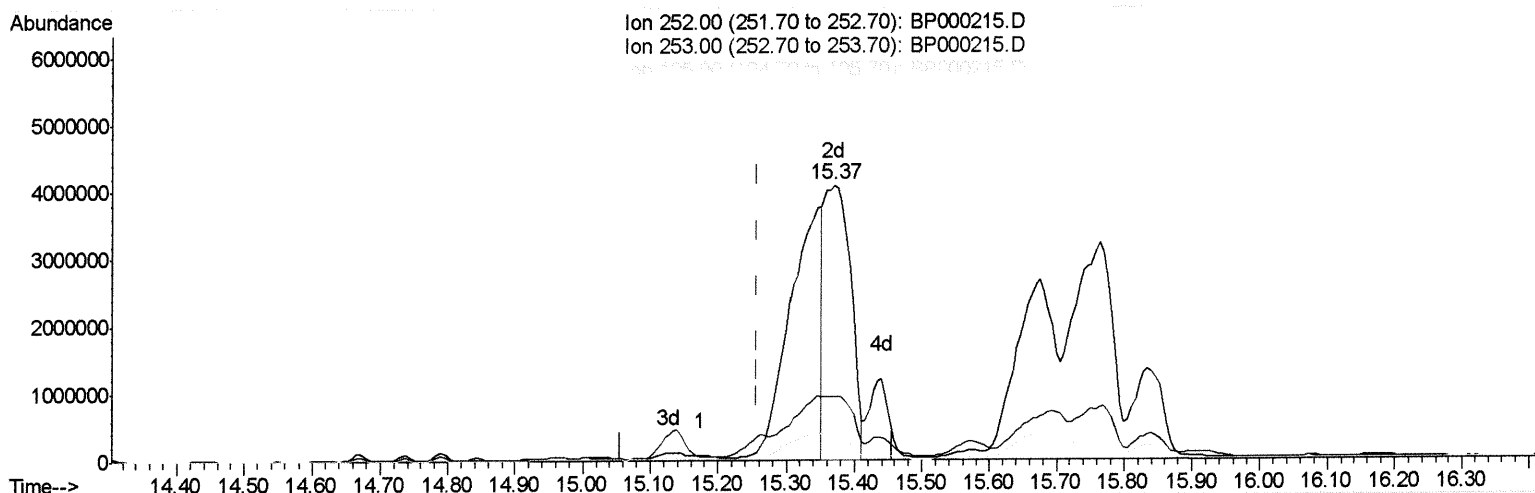
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091219\
Data File : BP000215.D
Acq On : 12 Sep 2019 14:02
Operator : HP/JU
Sample : K4634-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F2D30

Manual Integrations
APPROVED

mohammad
9/16/2019 9:08:58 AM

Quant Time: Sep 13 04:36:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 02:43:18 2019
Response via : Initial Calibration



(89) Benzo(k)fluoranthene

15.369min (+0.112) 263.62ng/ul m

JU
09/17/19

response 10714180

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	23.29
125.00	12.70	9.52#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000215.D
Acq On : 12 Sep 2019 14:02
Operator : HP/JU
Sample : K4634-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

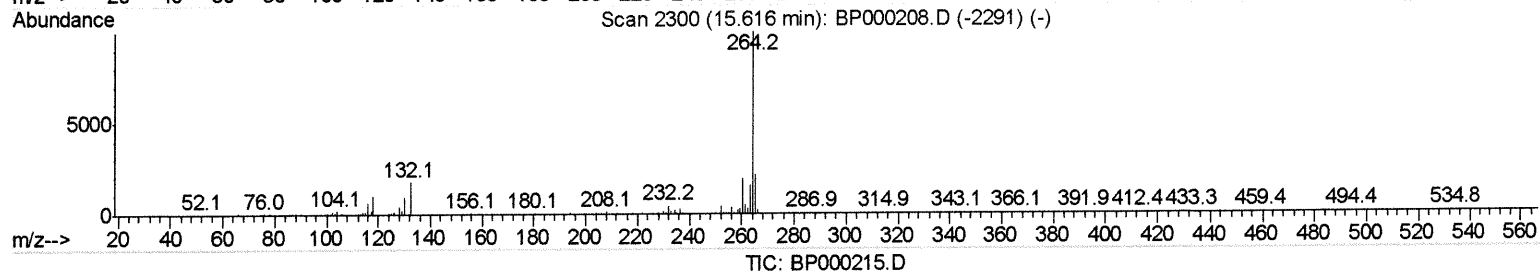
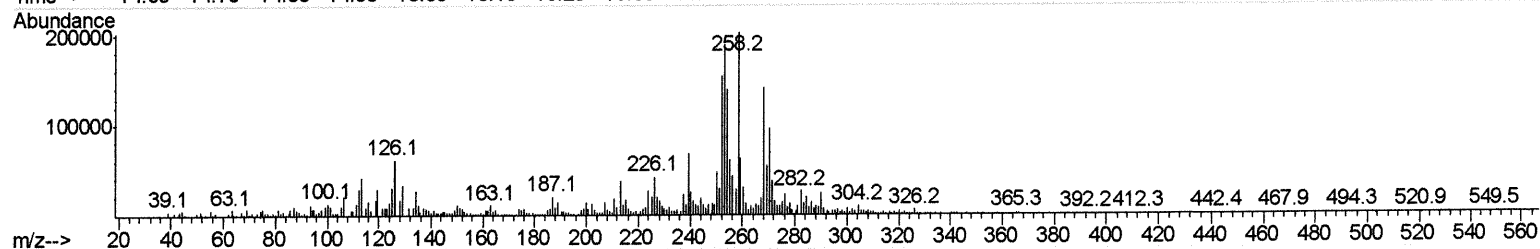
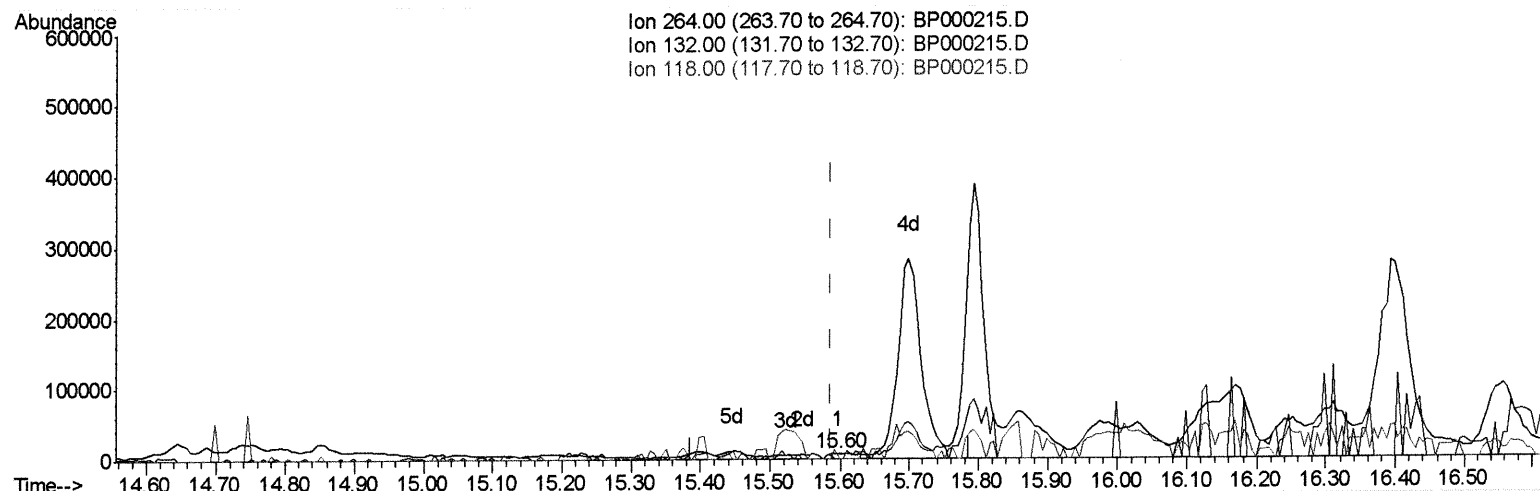
Instrument :
BNA_P
ClientSampleId :
F2D30

Manual Integrations
APPROVED

mohammad
9/16/2019 9:08:58 AM

Quant Time: Sep 13 04:32:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 02:43:18 2019
Response via : Initial Calibration

Ion 264.00 (263.70 to 264.70): BP000215.D
Ion 132.00 (131.70 to 132.70): BP000215.D
Ion 118.00 (117.70 to 118.70): BP000215.D



(90) Benzo(a)pyrene-d12 (S)

15.598min (+0.012) 0.15ng/ul

response 5003

Ion	Exp%	Act%
264.00	100	100
132.00	18.00	0.00#
118.00	10.80	219.67#
0.00	0.00	0.00

Quantitation Report (Qedit)

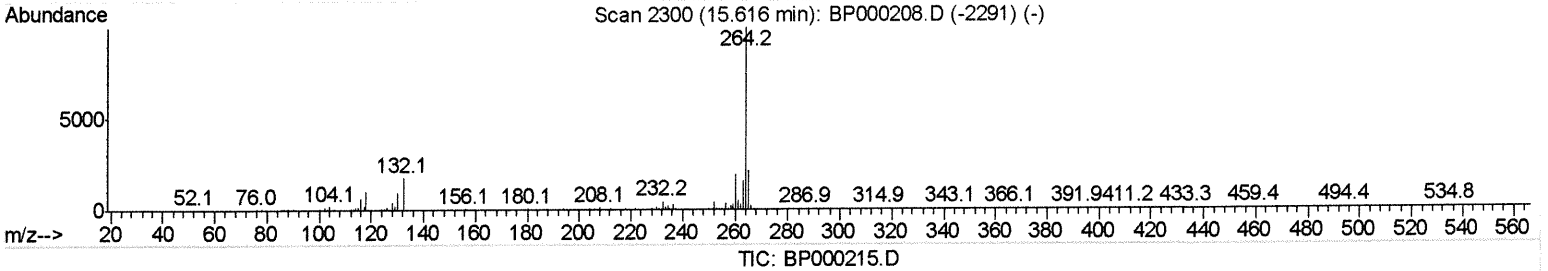
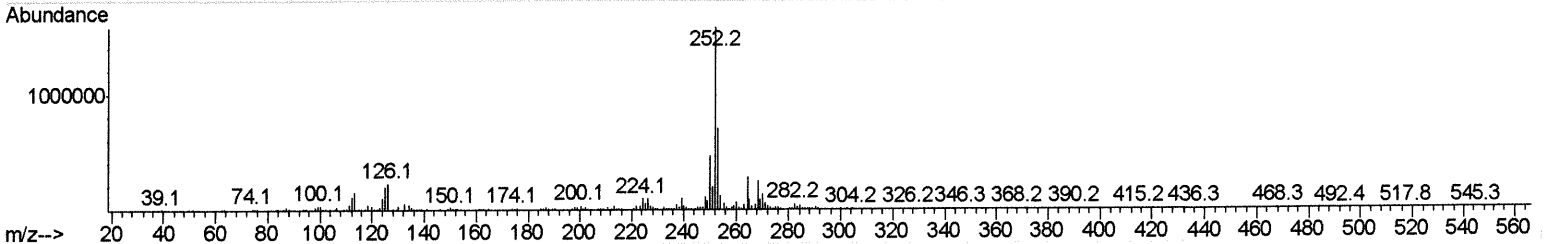
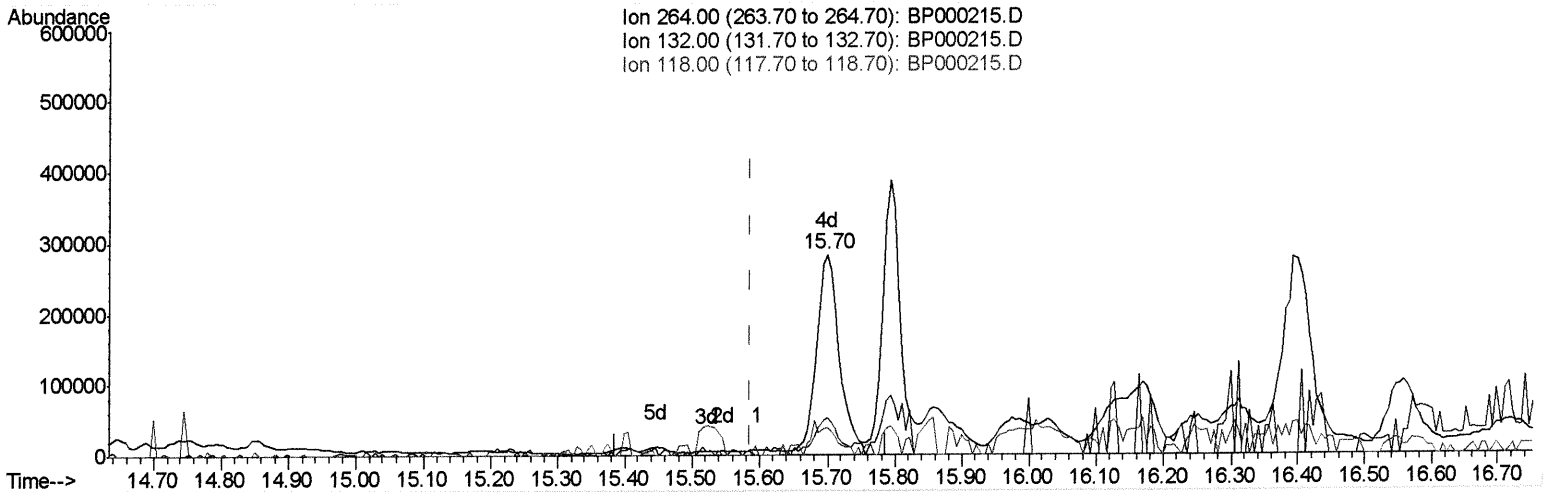
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
 Data File : BP000215.D
 Acq On : 12 Sep 2019 14:02
 Operator : HP/JU
 Sample : K4634-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F2D30

Manual Integrations
 APPROVED

mohammad
 9/16/2019 9:08:58 AM

Quant Time: Sep 13 04:32:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 10 02:43:18 2019
 Response via : Initial Calibration



(90) Benzo(a)pyrene-d12 (S)

15.698min (+0.112) 19.14ng/ul m

Ju
09/17/19

response 645313

Ion	Exp%	Act%
264.00	100	100
132.00	18.00	18.74
118.00	10.80	13.58#
0.00	0.00	0.00

Quantitation Report (Qedit)

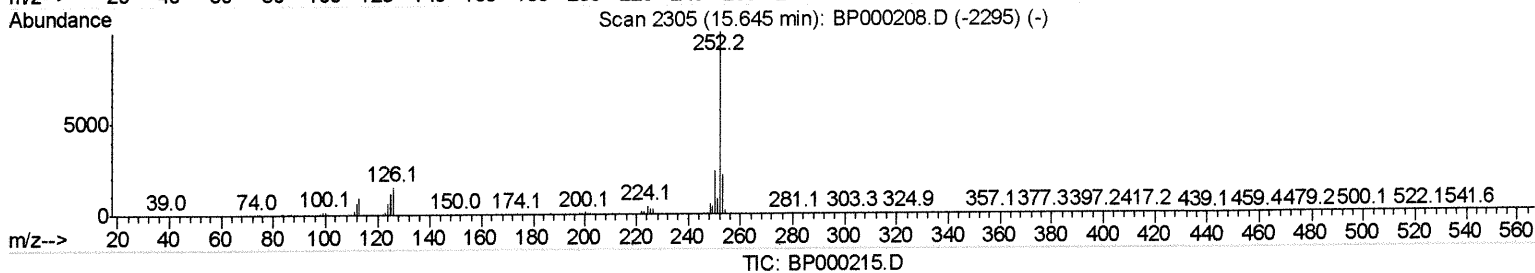
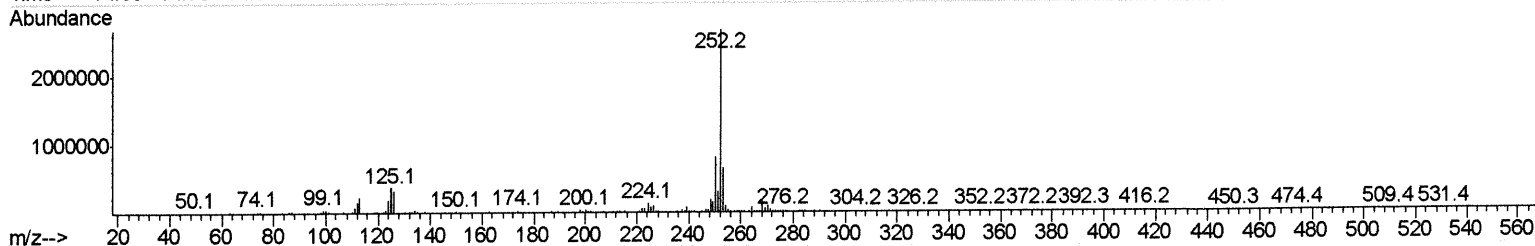
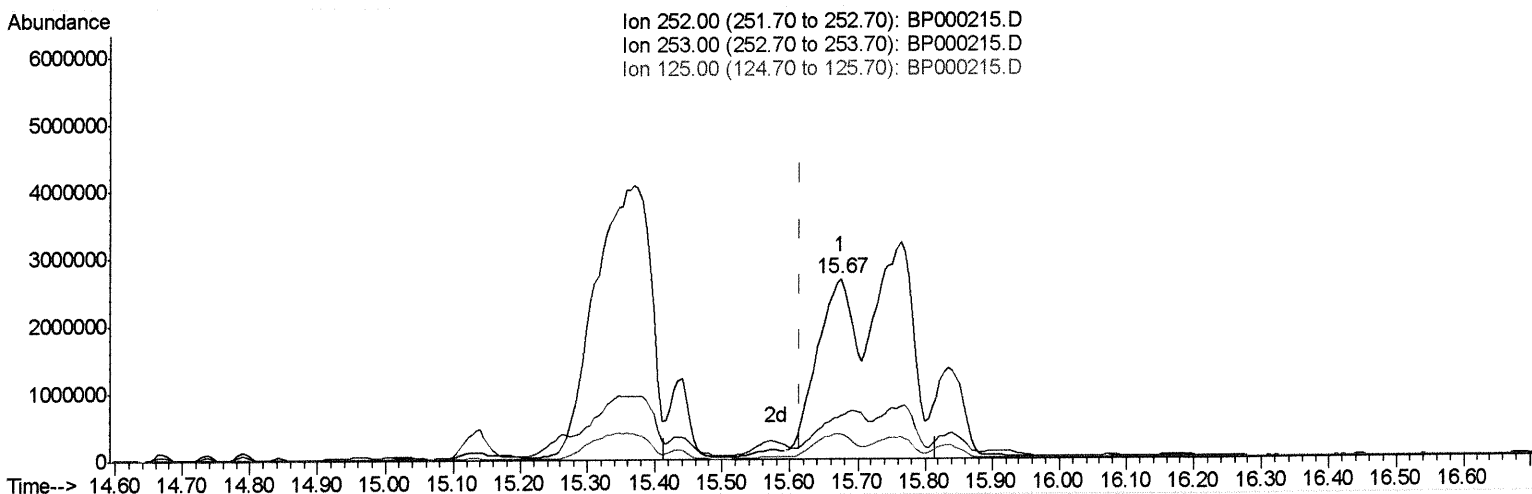
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000215.D
Acq On : 12 Sep 2019 14:02
Operator : HP/JU
Sample : K4634-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F2D30

Manual Integrations
APPROVED

mohammad
9/16/2019 9:08:58 AM

Quant Time: Sep 13 04:32:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 02:43:18 2019
Response via : Initial Calibration



(91) Benzo(a)pyrene (C)

15.675min (+0.059) 239.17ng/ul

response 9675143

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	23.98
125.00	12.70	13.56
0.00	0.00	0.00

Quantitation Report (Qedit)

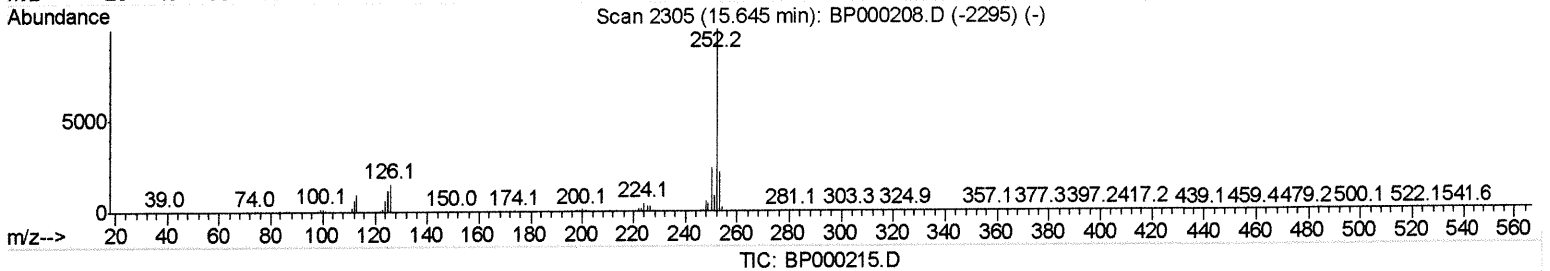
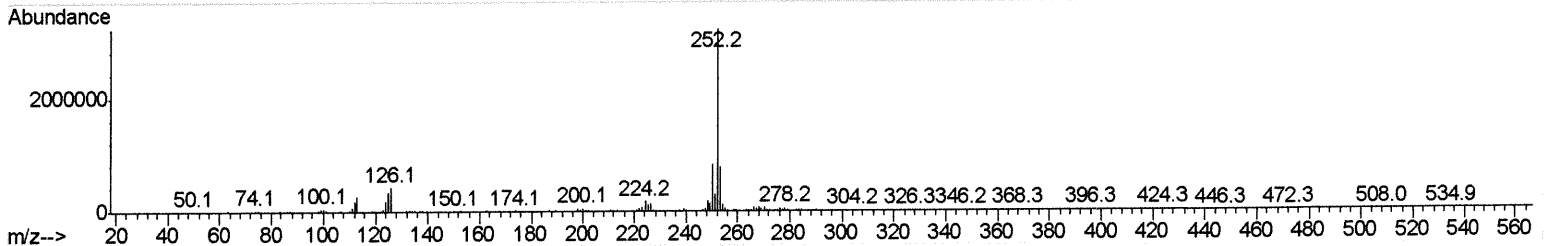
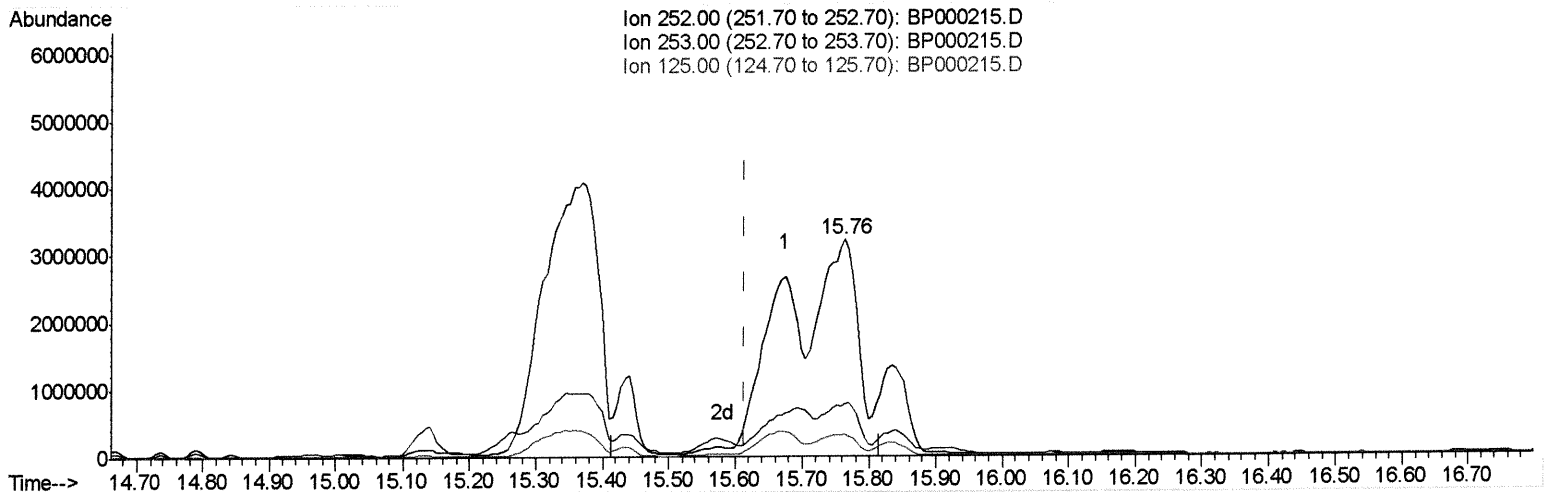
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000215.D
Acq On : 12 Sep 2019 14:02
Operator : HP/JU
Sample : K4634-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F2D30

Manual Integrations
APPROVED

mohammad
9/16/2019 9:08:58 AM

Quant Time: Sep 13 04:32:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 02:43:18 2019
Response via : Initial Calibration



(91) Benzo(a)pyrene (C)

15.763min (+0.147) 247.08ng/ul m

JU
09/17/19

response 9994987

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	24.04
125.00	12.70	10.13#
0.00	0.00	0.00

Quantitation Report (Qedit)

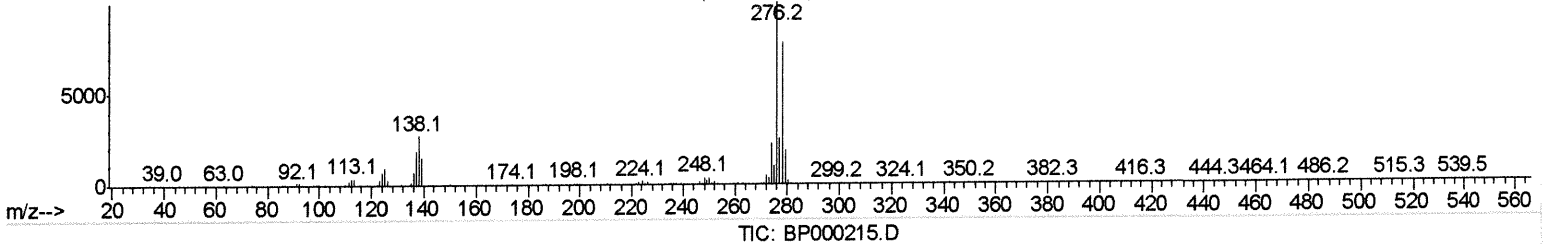
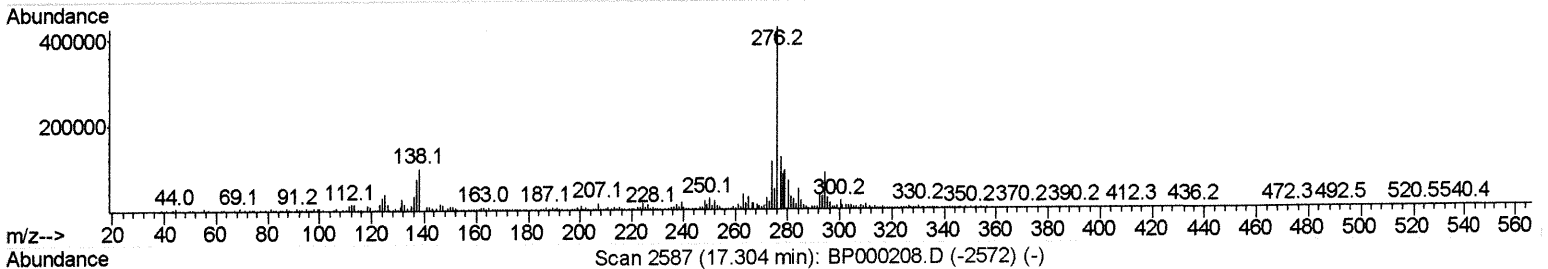
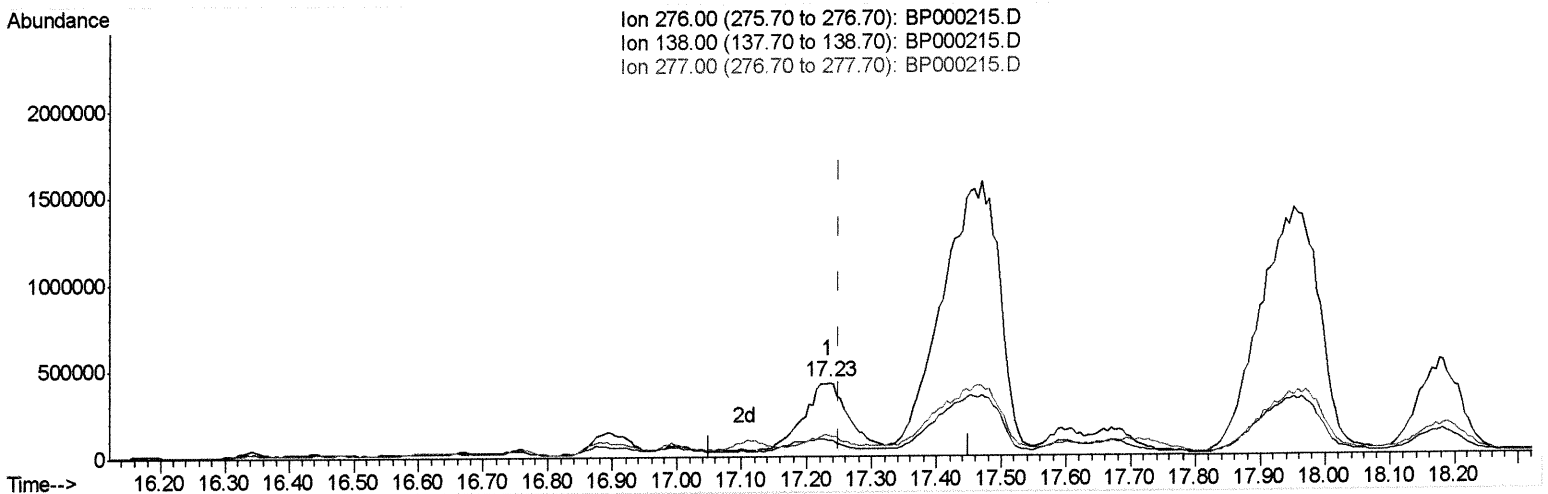
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
 Data File : BP000215.D
 Acq On : 12 Sep 2019 14:02
 Operator : HP/JU
 Sample : K4634-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F2D30

Manual Integrations
 APPROVED

mohammad
 9/16/2019 9:08:58 AM

Quant Time: Sep 13 04:32:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 10 02:43:18 2019
 Response via : Initial Calibration



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

17.233min (-0.017) 39.90ng/ul

response 1856821

Ion	Exp%	Act%
276.00	100	100
138.00	25.00	22.67
277.00	24.20	28.68
0.00	0.00	0.00

Quantitation Report (Qedit)

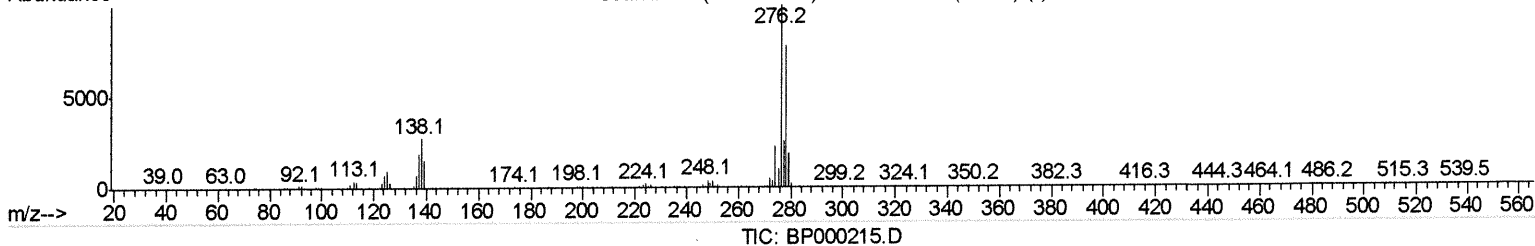
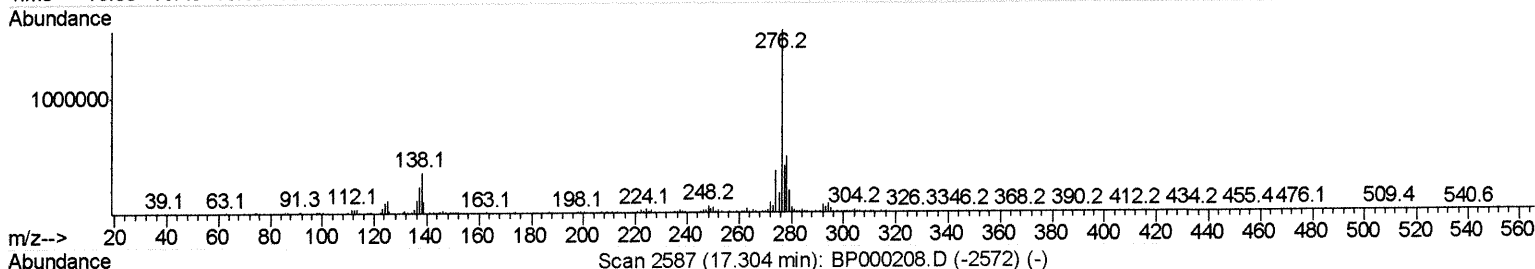
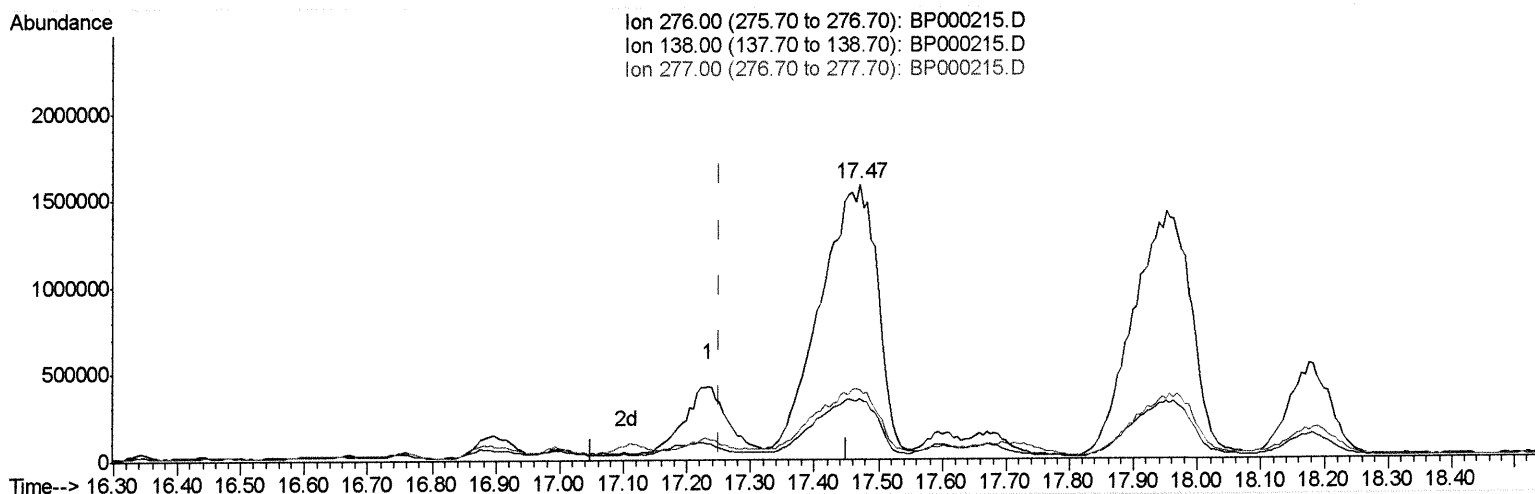
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
 Data File : BP000215.D
 Acq On : 12 Sep 2019 14:02
 Operator : HP/JU
 Sample : K4634-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F2D30

Manual Integrations
 APPROVED

mohammad
 9/16/2019 9:08:58 AM

Quant Time: Sep 13 04:32:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 10 02:43:18 2019
 Response via : Initial Calibration



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

17.469min (+0.218) 194.01ng/ul m

JU
 09/17/19

response 9028738

Ion	Exp%	Act%
276.00	100	100
138.00	25.00	22.17
277.00	24.20	25.63
0.00	0.00	0.00

Quantitation Report (Qedit)

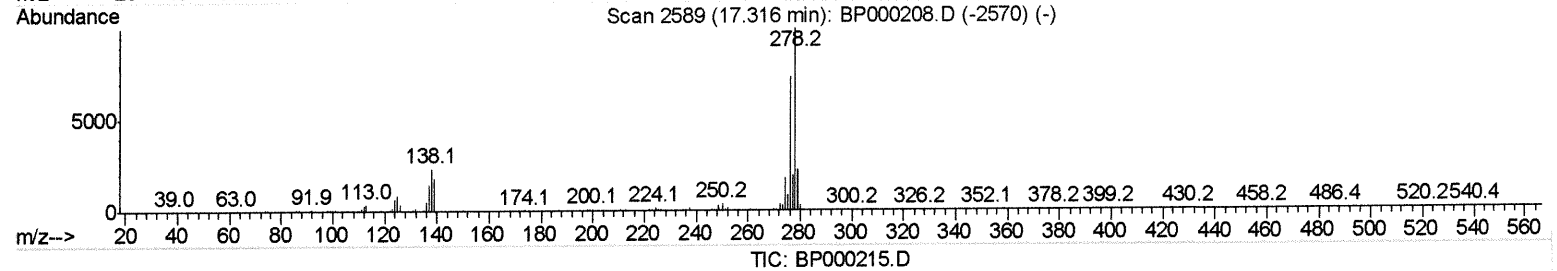
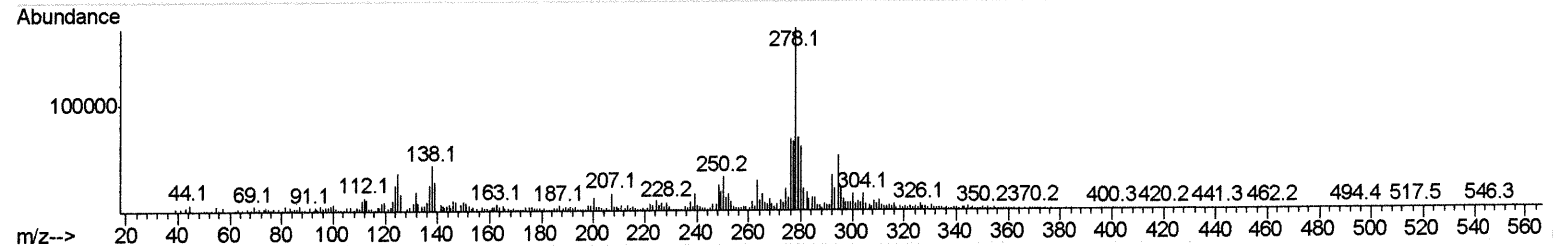
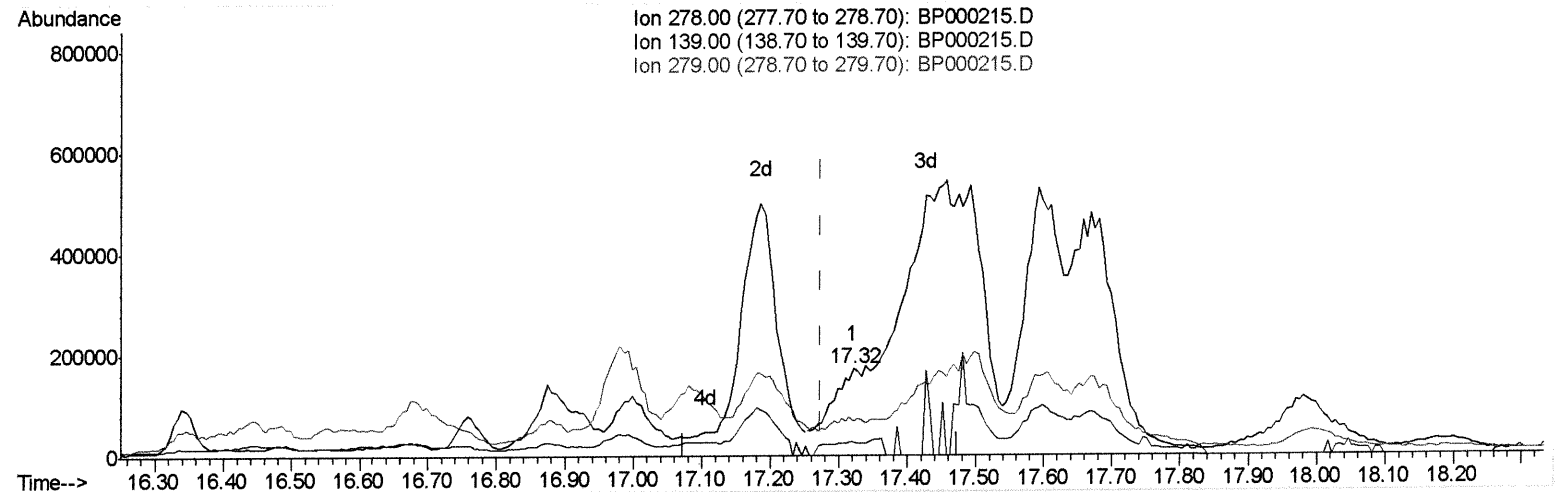
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000215.D
Acq On : 12 Sep 2019 14:02
Operator : HP/JU
Sample : K4634-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F2D30

Manual Integrations
APPROVED

mohammad
9/16/2019 9:08:58 AM

Quant Time: Sep 13 04:32:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 02:43:18 2019
Response via : Initial Calibration



(93) Dibenzo(a,h)anthracene

17.322min (+0.047) 8.35ng/ul

response 321749

Ion	Exp%	Act%
278.00	100	100
139.00	18.90	16.02
279.00	24.00	39.42#
0.00	0.00	0.00

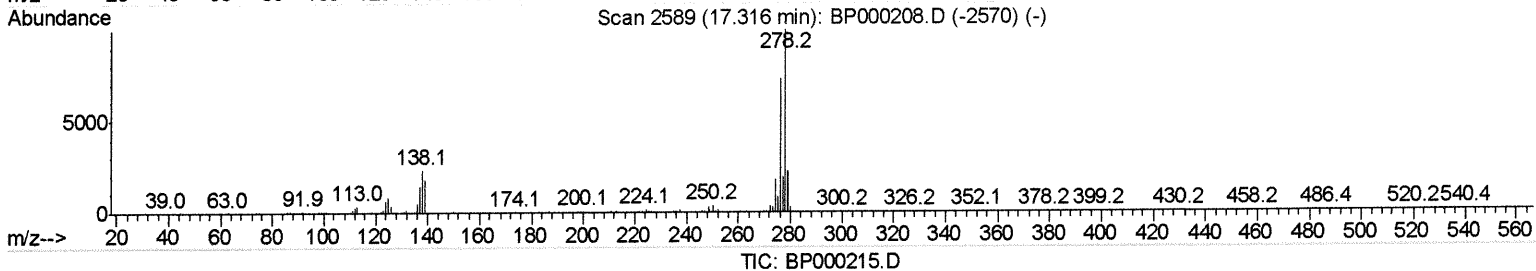
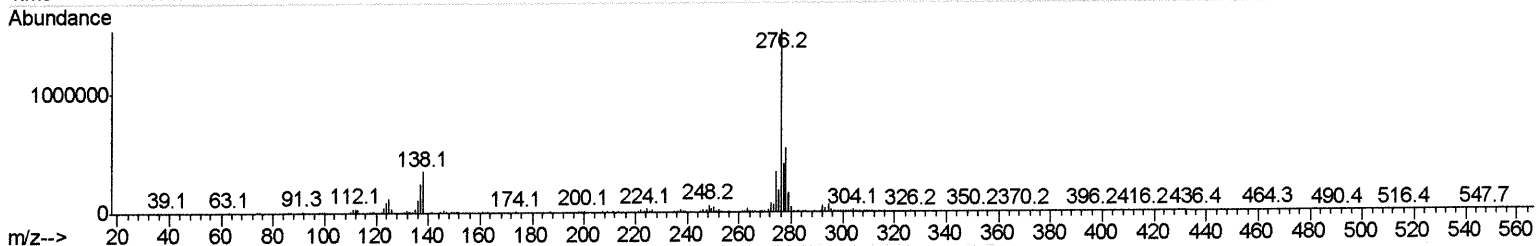
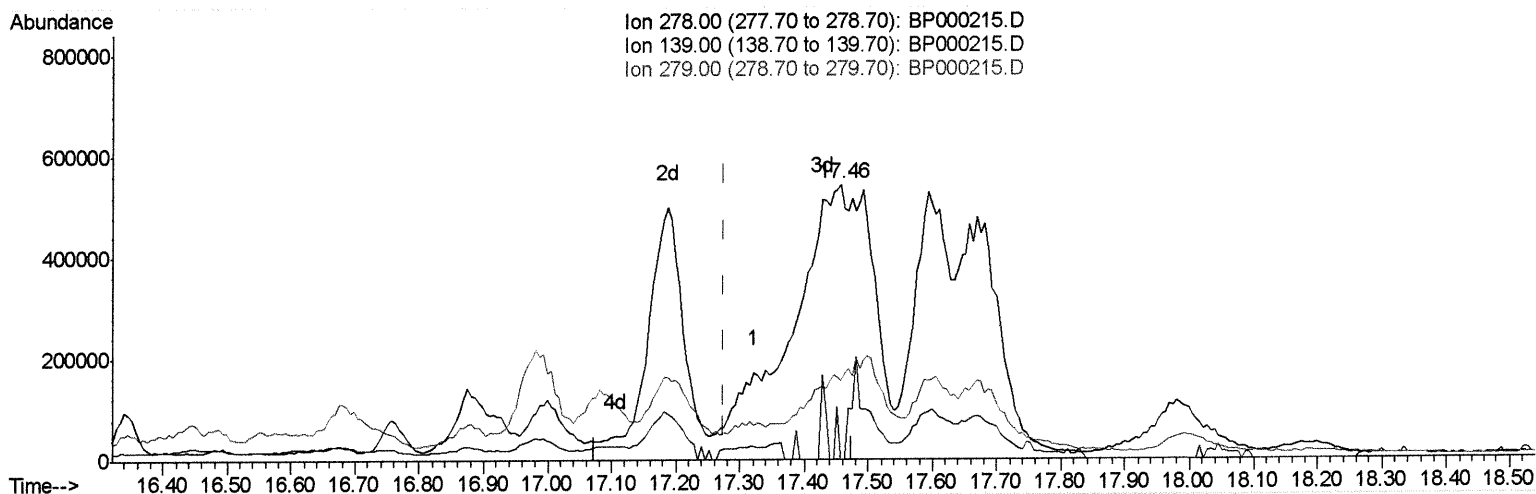
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000215.D
Acq On : 12 Sep 2019 14:02
Operator : HP/JU
Sample : K4634-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampled :
F2D30

Manual Integrations
APPROVED

mohammad
9/16/2019 9:08:58 AM

Quant Time: Sep 13 04:32:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 02:43:18 2019
Response via : Initial Calibration



(93) Dibenzo(a,h)anthracene

17.457min (+0.183) 82.32ng/ul m *JU* 09/17/19

response 3173263

Ion	Exp%	Act%
278.00	100	100
139.00	18.90	0.00#
279.00	24.00	28.88#
0.00	0.00	0.00

Quantitation Report (Qedit)

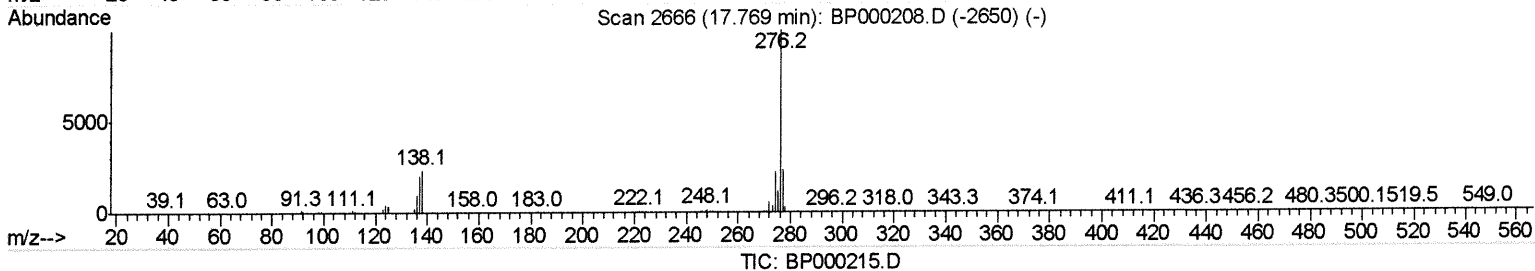
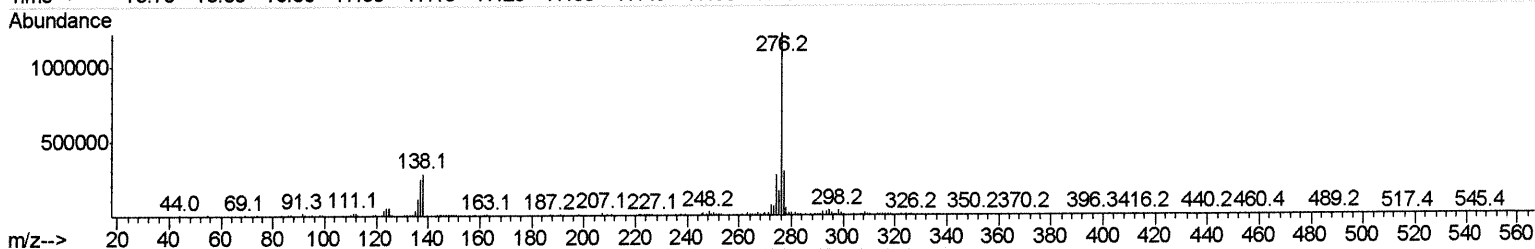
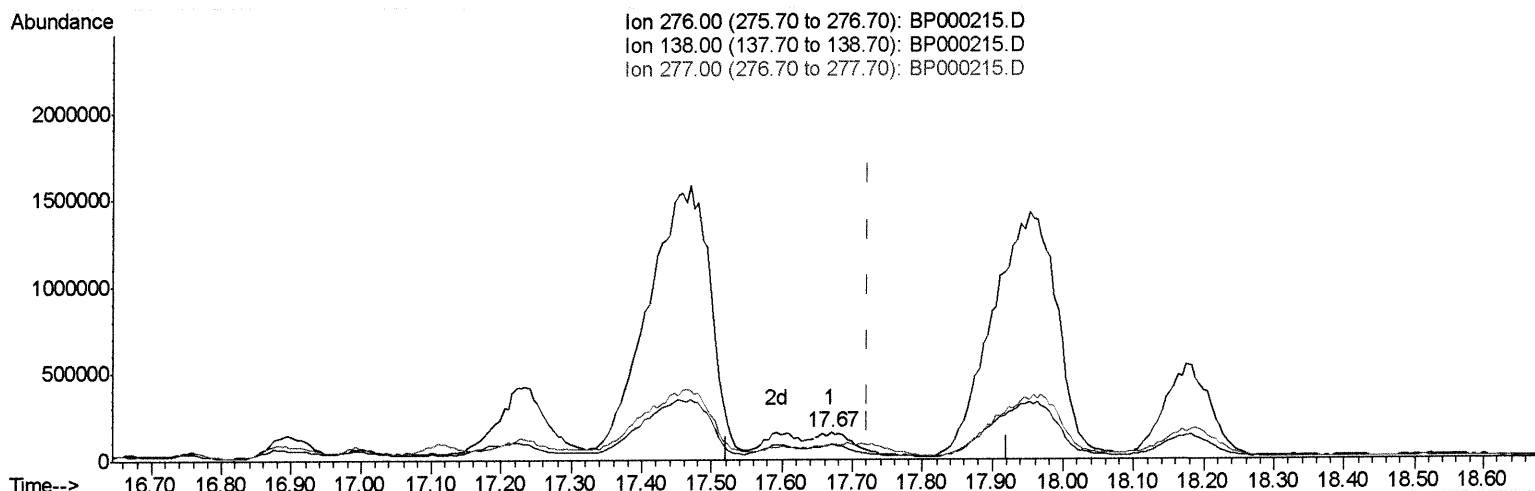
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000215.D
Acq On : 12 Sep 2019 14:02
Operator : HP/JU
Sample : K4634-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F2D30

Manual Integrations
APPROVED

mohammad
9/16/2019 9:08:58 AM

Quant Time: Sep 13 04:32:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 02:43:18 2019
Response via : Initial Calibration



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

17.669min (-0.053) 1.02ng/ui

response 39598

Ion	Exp%	Act%
276.00	100	100
138.00	25.00	58.25#
277.00	23.90	56.29#
0.00	0.00	0.00

Quantitation Report (Qedit)

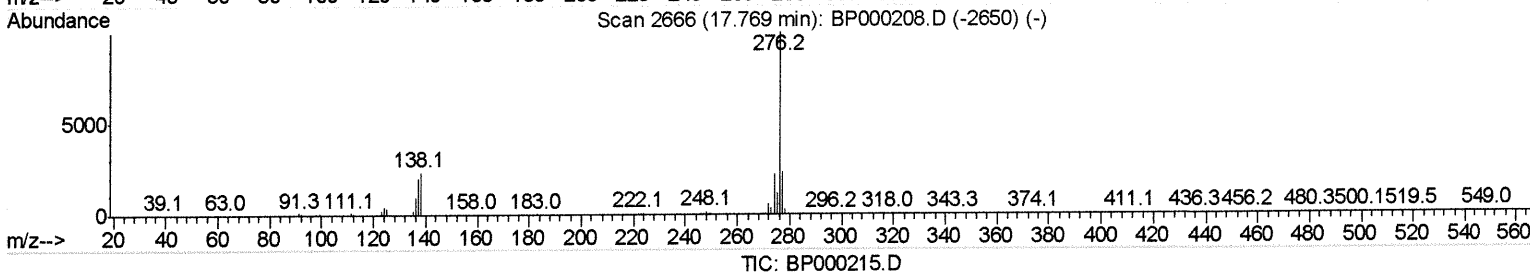
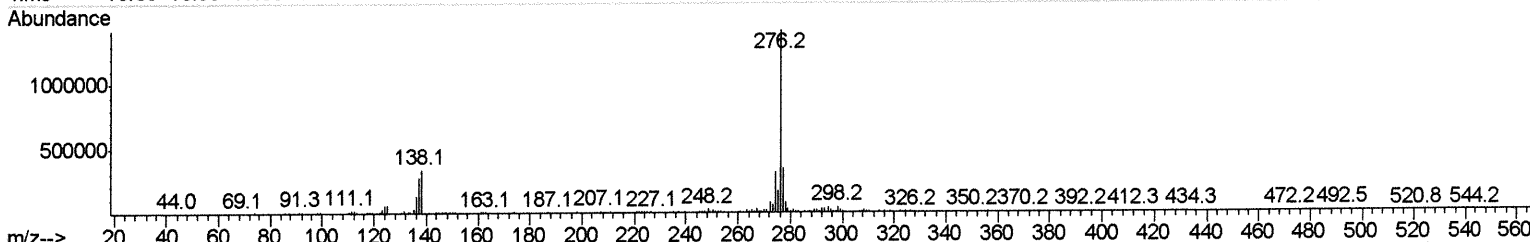
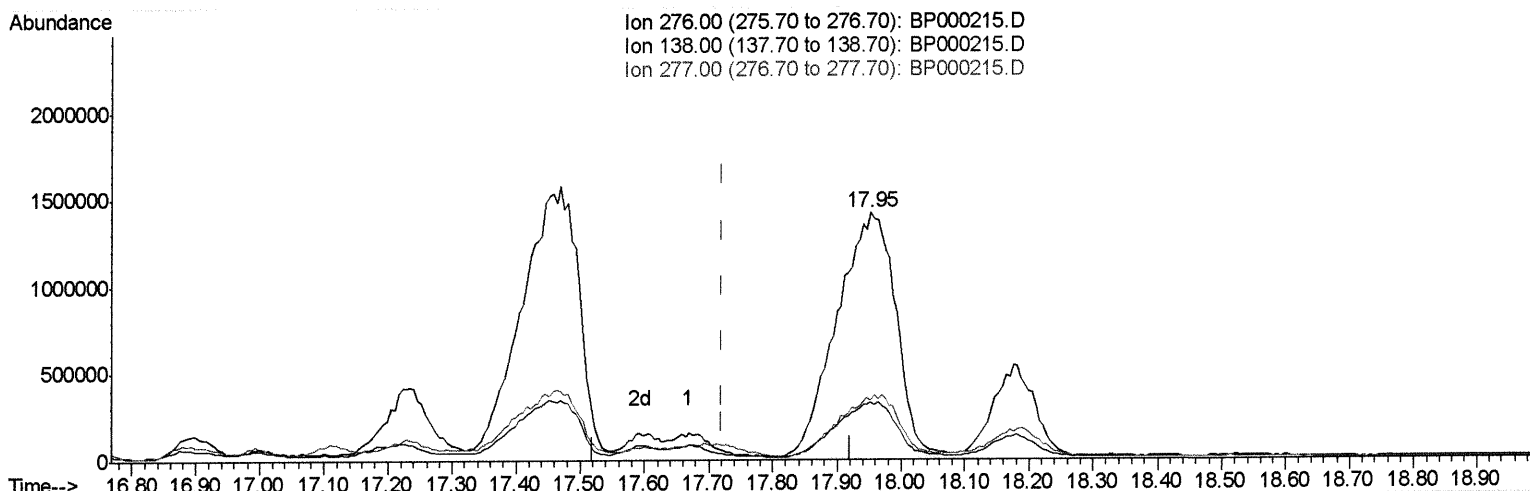
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
 Data File : BP000215.D
 Acq On : 12 Sep 2019 14:02
 Operator : HP/JU
 Sample : K4634-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampled :
 F2D30

Manual Integrations
 APPROVED

mohammad
 9/16/2019 9:08:58 AM

Quant Time: Sep 13 04:32:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 10 02:43:18 2019
 Response via : Initial Calibration



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

17.951min (+0.230) 229.05ng/ul m 09/17/19

response 8887433

Ion	Exp%	Act%
276.00	100	100
138.00	25.00	23.37
277.00	23.90	24.30
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091219\
 Data File : BP000215.D
 Acq On : 12 Sep 2019 14:02
 Operator : HP/JU
 Sample : K4634-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F2D30

Manual Integrations
 APPROVED

mohammad
 9/16/2019 9:08:58 AM

Quant Time: Sep 13 13:17:50 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Sep 10 02:43:18 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	362165	20.00	ng/ul	0.00
18) Naphthalene-d8	8.18	136	1341714	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	678206	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.46	188	1127605	20.00	ng/ul	0.00
78) Chrysene-d12	14.20	240	533143m	20.00	ng/ul	0.06
86) Perylene-d12	15.79	264	650518m	20.00	ng/ul	0.11

JU 09/17/19

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.60	96	27703	2.71	ng/uL	0.00
5) Phenol-d5	6.51	99	534350	17.32	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	6.57	67	282914	17.54	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	440000	17.64	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	399510	17.24	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	207870	20.40	ng/ul	0.00
22) 2-Nitrophenol-d4	7.78	143	212715	21.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.02	165	378564	17.98	ng/ul	0.00
29) 4-Chloroaniline-d4	8.23	131	141789	5.45	ng/ul	0.00
44) Dimethylphthalate-d6	9.63	166	1017495	20.32	ng/ul	0.00
47) Acenaphthylene-d8	9.79	160	1192356	19.27	ng/ul	0.00
52) 4-Nitrophenol-d4	10.04	143	122444	13.68	ng/ul	0.00
58) Fluorene-d10	10.47	176	807454	18.99	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.55	200	33437	6.45	ng/ul	0.02
71) Anthracene-d10	11.52	188	1011911	18.53	ng/ul	0.01
79) Pyrene-d10	12.92	212	888257	28.01	ng/ul	0.02
90) Benzo(a)pyrene-d12	15.70	264	645313m	19.14	ng/ul	0.11

JU 09/17/19

Target Compounds

					Qvalue
6) Phenol	6.52	94	105265	3.274	ng/ul 97
28) Naphthalene	8.20	128	762372	10.431	ng/ul 98
34) 2-Methylnaphthalene	8.89	142	262656	5.262	ng/ul 98
41) 1,1'-Biphenyl	9.36	154	68326	1.223	ng/ul 98
45) Dimethylphthalate	9.66	163	256633	5.078	ng/ul 99
48) Acenaphthylene	9.80	152	72037	1.113	ng/ul# 95
50) Acenaphthene	9.98	153	1606966	35.868	ng/ul 97
54) Dibenzofuran	10.15	168	661523	10.762	ng/ul 98
59) Fluorene	10.50	166	661312	13.908	ng/ul 98
70) Phenanthrene	11.50	178	9370127m	140.516	ng/ul > JU 09/17/19
72) Anthracene	11.54	178	2521226	38.423	ng/ul 99
75) Carbazole	11.69	167	2251905	40.139	ng/ul 98
77) Fluoranthene	12.73	202	15228662	226.422	ng/ul 99
80) Pyrene	12.97	202	13545849m	336.766	ng/ul > JU 09/17/19
83) Benzo(a)anthracene	14.19	228	12821803m	332.234	ng/ul > JU 09/17/19
85) Chrysene	14.24	228	9434237m	266.399	ng/ul > JU 09/17/19
88) Benzo(b)fluoranthene	15.35	252	12644462m	293.274	ng/ul > JU 09/17/19
89) Benzo(k)fluoranthene	15.37	252	10714180m	263.624	ng/ul > JU 09/17/19
91) Benzo(a)pyrene	15.76	252	9994987m	247.081	ng/ul > JU 09/17/19
92) Indeno(1,2,3-cd)pyrene	17.47	276	9028738m	194.009	ng/ul > JU 09/17/19
93) Dibenzo(a,h)anthracene	17.46	278	3173263m	82.323	ng/ul > JU 09/17/19
94) Benzo(g,h,i)perylene	17.95	276	8887433m	229.047	ng/ul > JU 09/17/19

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091219\
Data File : BP000215.D
Acq On : 12 Sep 2019 14:02
Operator : HP/JU
Sample : K4634-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F2D30

Manual Integrations
APPROVED

mohammad
9/16/2019 9:08:58 AM

Quant Time: Sep 13 13:17:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 02:43:18 2019
Response via : Initial Calibration

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

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