

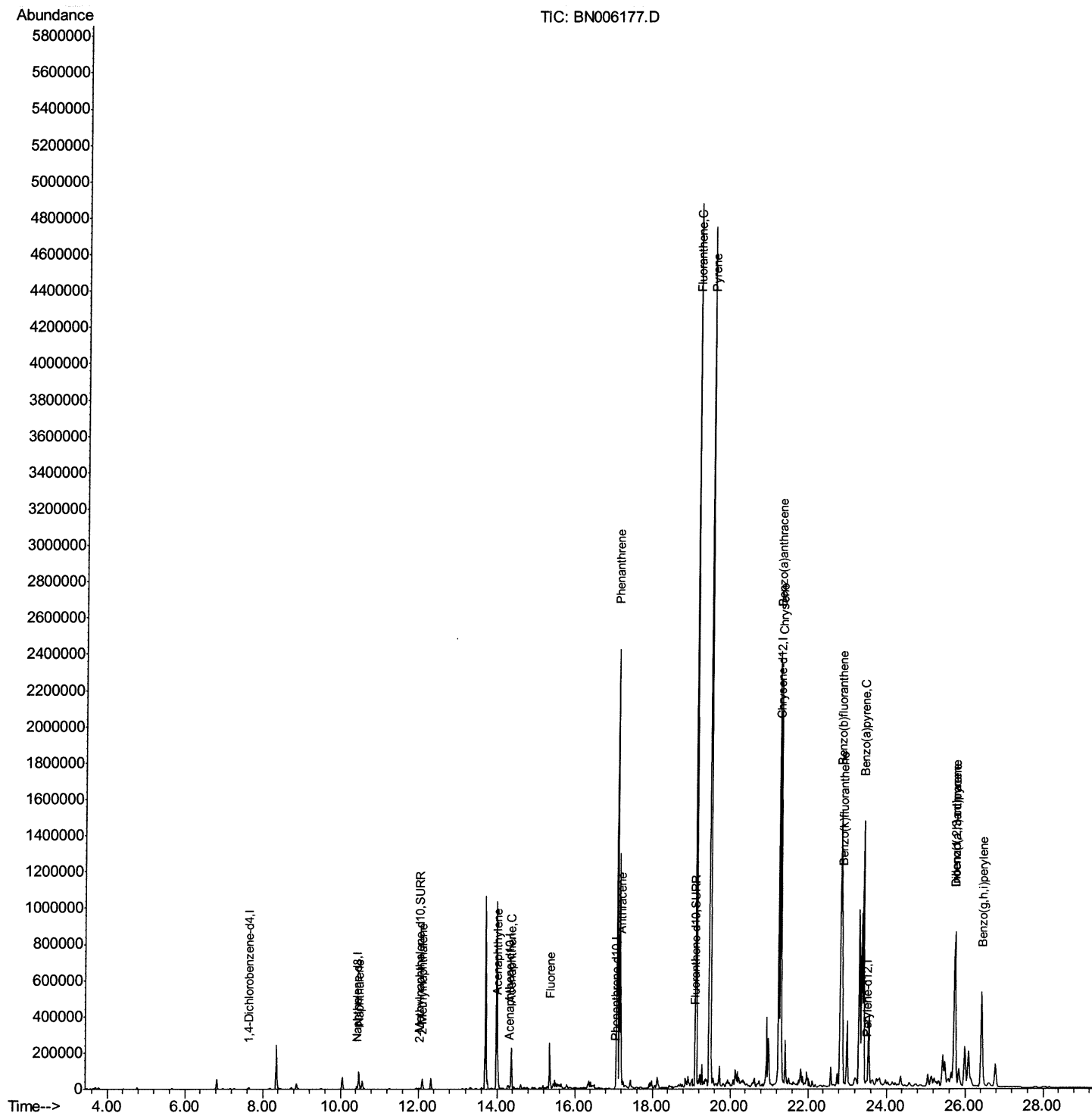
```
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\  
Data File : BN006177.D  
Acq On    : 07 Jun 2019   21:03  
Operator  : JU/SJ  
Sample    : K3201-16  
Misc      :  
ALS Vial  : 43      Sample Multiplier: 1
```

Instrument :
BNA_N
ClientSampleId :
C0AC7

Manual Integrations
APPROVED

mohammad
6/11/2019 5:08:57 PM

Quant Time: Jun 08 03:32:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 01:31:14 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

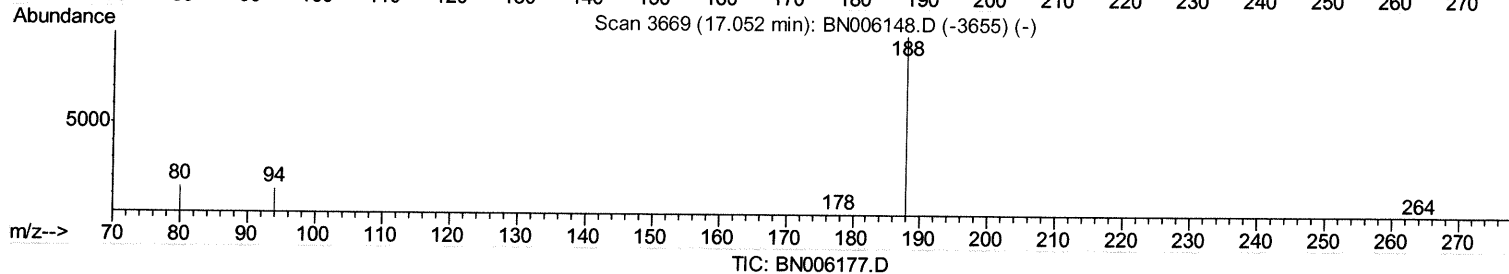
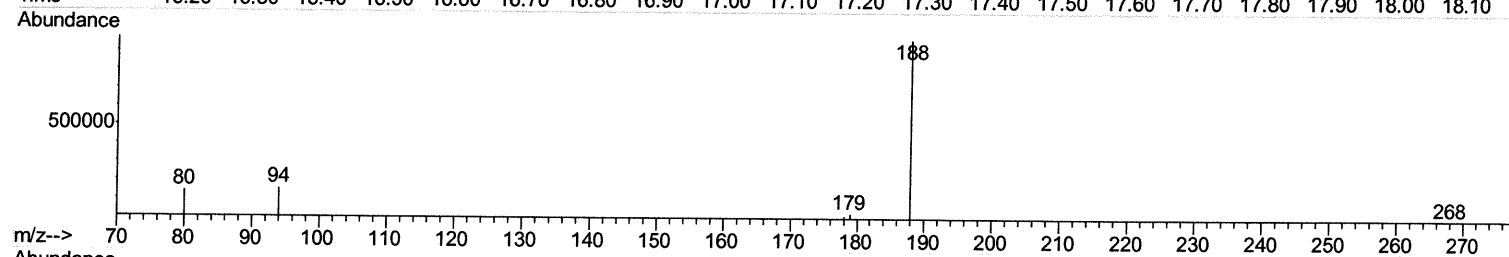
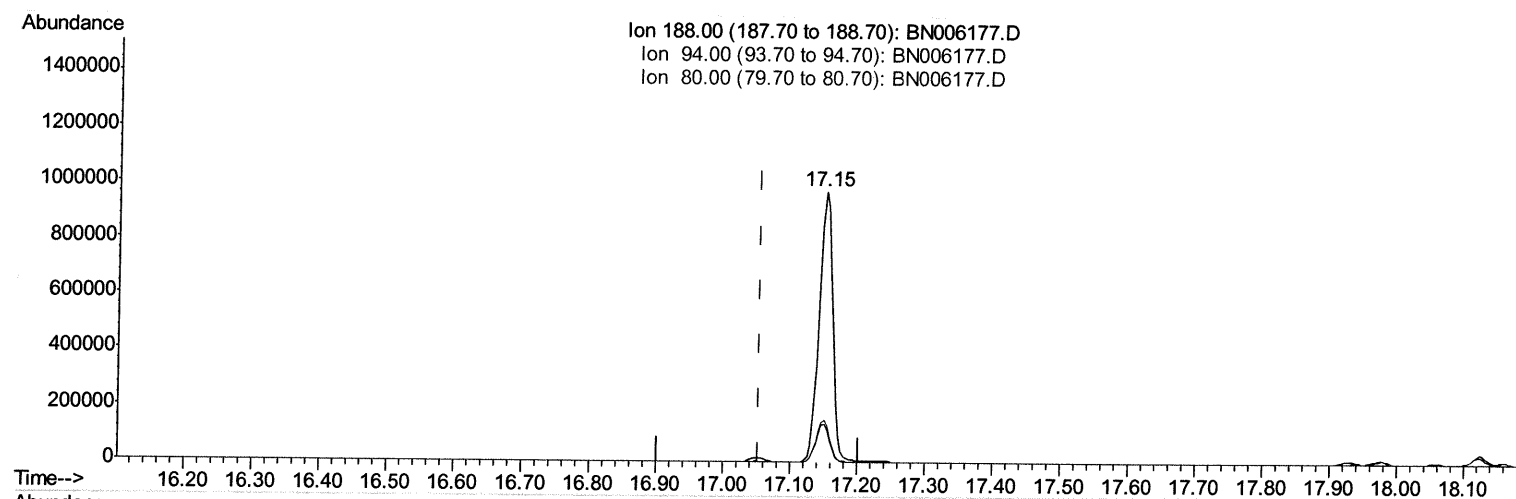
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
Data File : BN006177.D
Acq On : 07 Jun 2019 21:03
Operator : JU/SJ
Sample : K3201-16
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AC7

Manual Integrations
APPROVED

mohammad
6/11/2019 5:08:57 PM

Quant Time: Jun 08 02:04:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 01:31:14 2019
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.149min (+0.097) 0.40ng/ul

response 1360071

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	15.67#
80.00	13.60	14.09
0.00	0.00	0.00

Quantitation Report (Qedit)

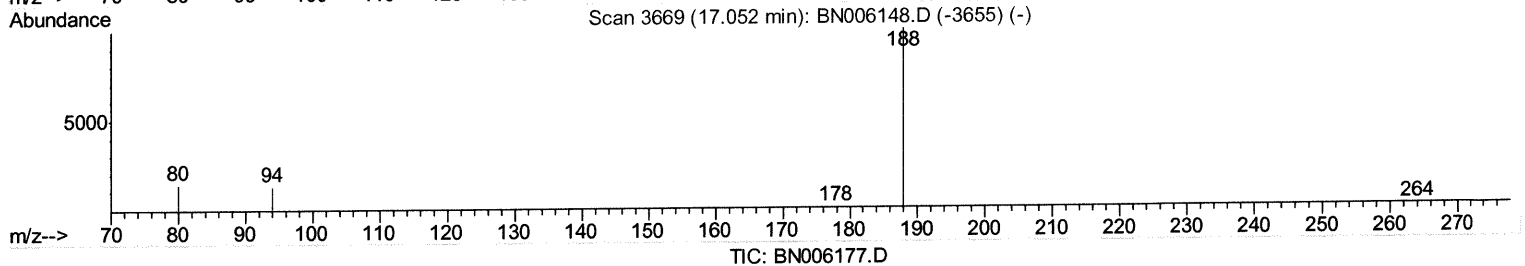
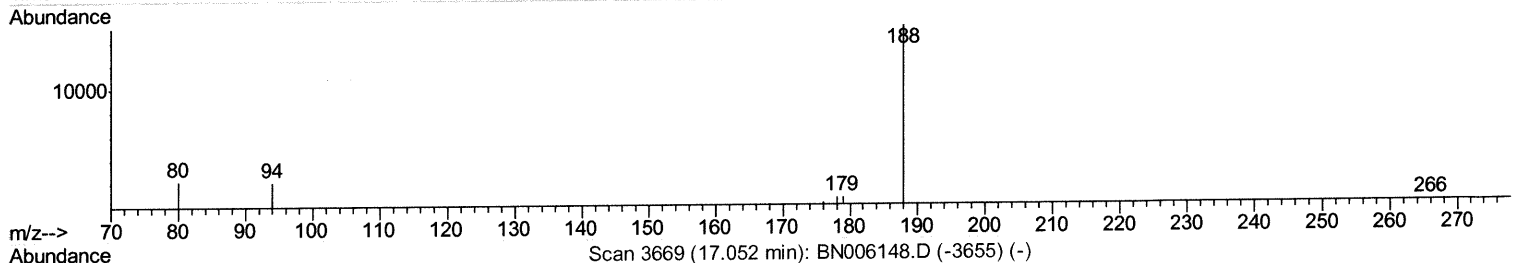
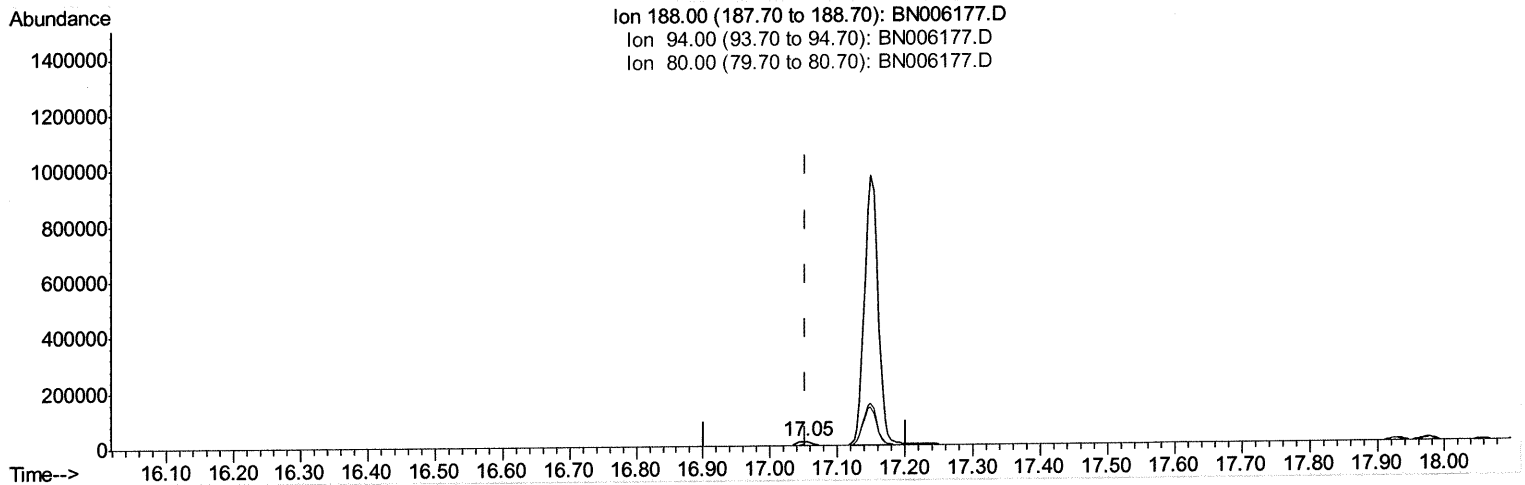
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006177.D
 Acq On : 07 Jun 2019 21:03
 Operator : JU/SJ
 Sample : K3201-16
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC7

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:08:57 PM

Quant Time: Jun 08 02:04:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.052min (+0.000) 0.40ng/ul m *Ju* 06/10/19

response 21917

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	14.34
80.00	13.60	14.95
0.00	0.00	0.00

Quantitation Report (Qedit)

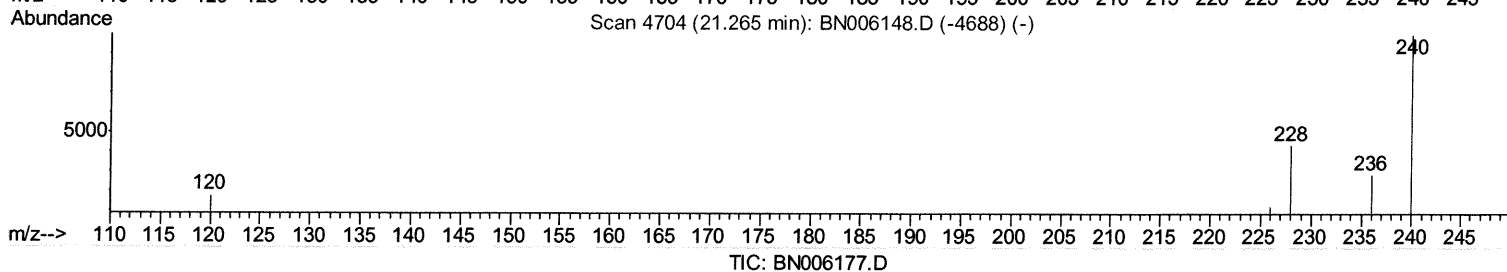
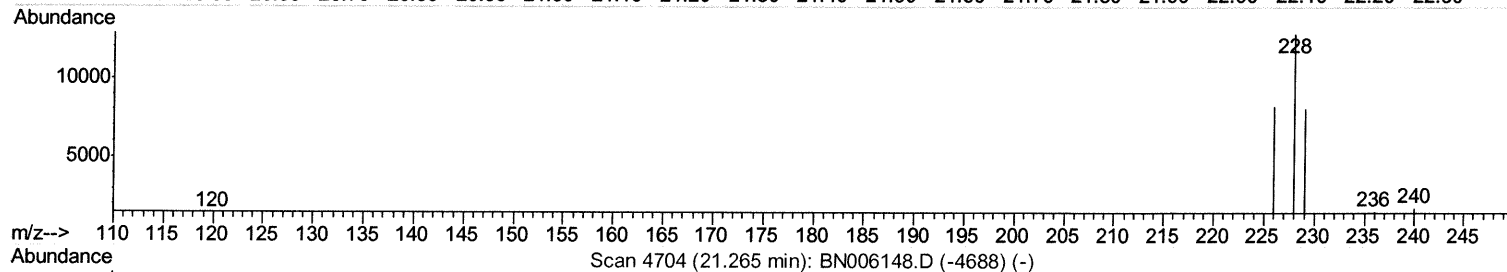
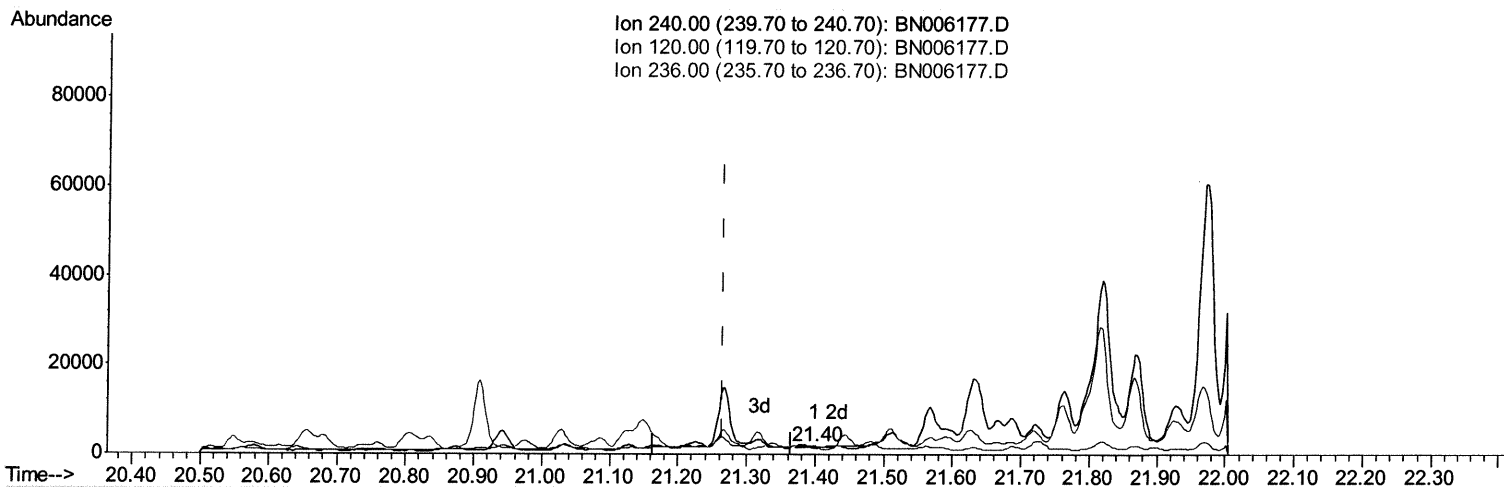
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006177.D
 Acq On : 07 Jun 2019 21:03
 Operator : JU/SJ
 Sample : K3201-16
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC7

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:08:57 PM

Quant Time: Jun 08 02:04:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.400min (+0.134) 0.40ng/ul

response 1054

Ion	Exp%	Act%
240.00	100	100
120.00	20.10	80.89#
236.00	30.10	85.90#
0.00	0.00	0.00

Quantitation Report (Qedit)

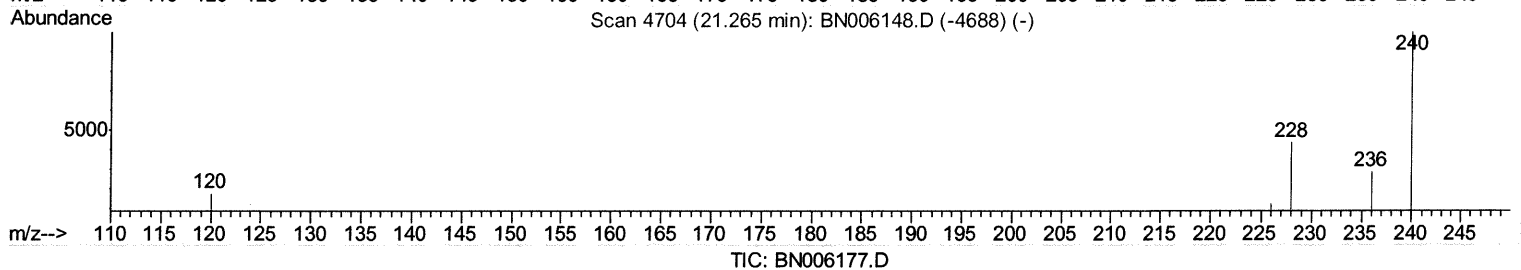
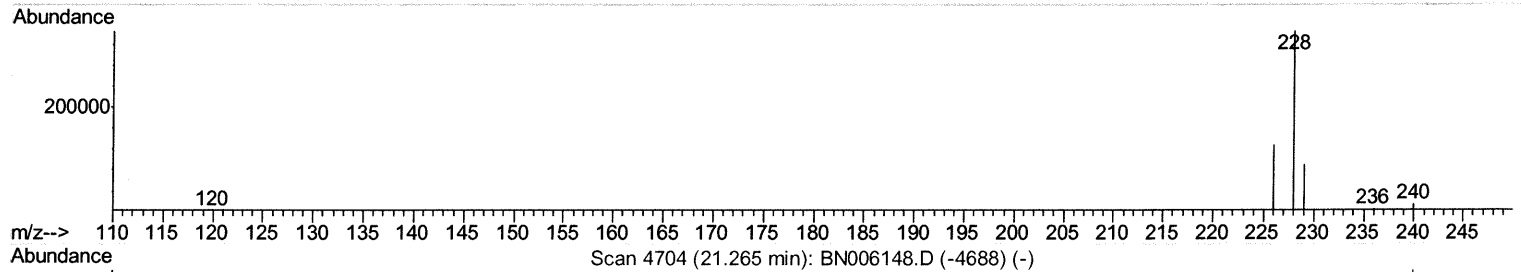
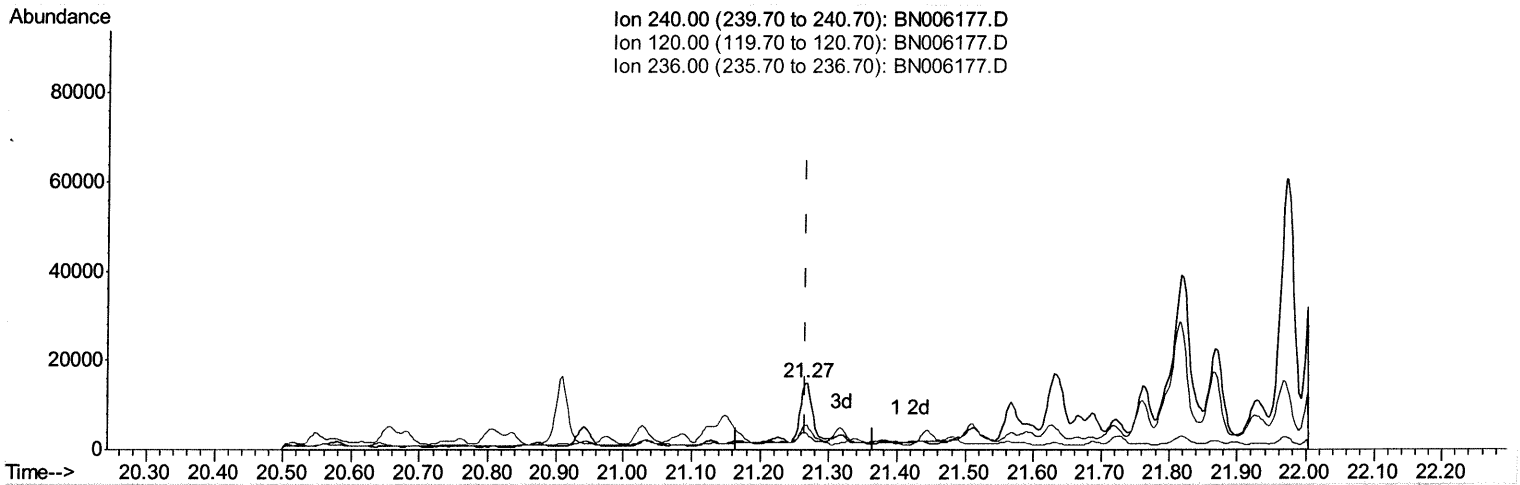
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006177.D
 Acq On : 07 Jun 2019 21:03
 Operator : JU/SJ
 Sample : K3201-16
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC7

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:08:57 PM

Quant Time: Jun 08 02:04:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.265min (+0.000) 0.40ng/ul m

JU
 06/10/19

response 16722

Ion	Exp%	Act%
240.00	100	100
120.00	20.10	26.62#
236.00	30.10	37.06#
0.00	0.00	0.00

Quantitation Report (Qedit)

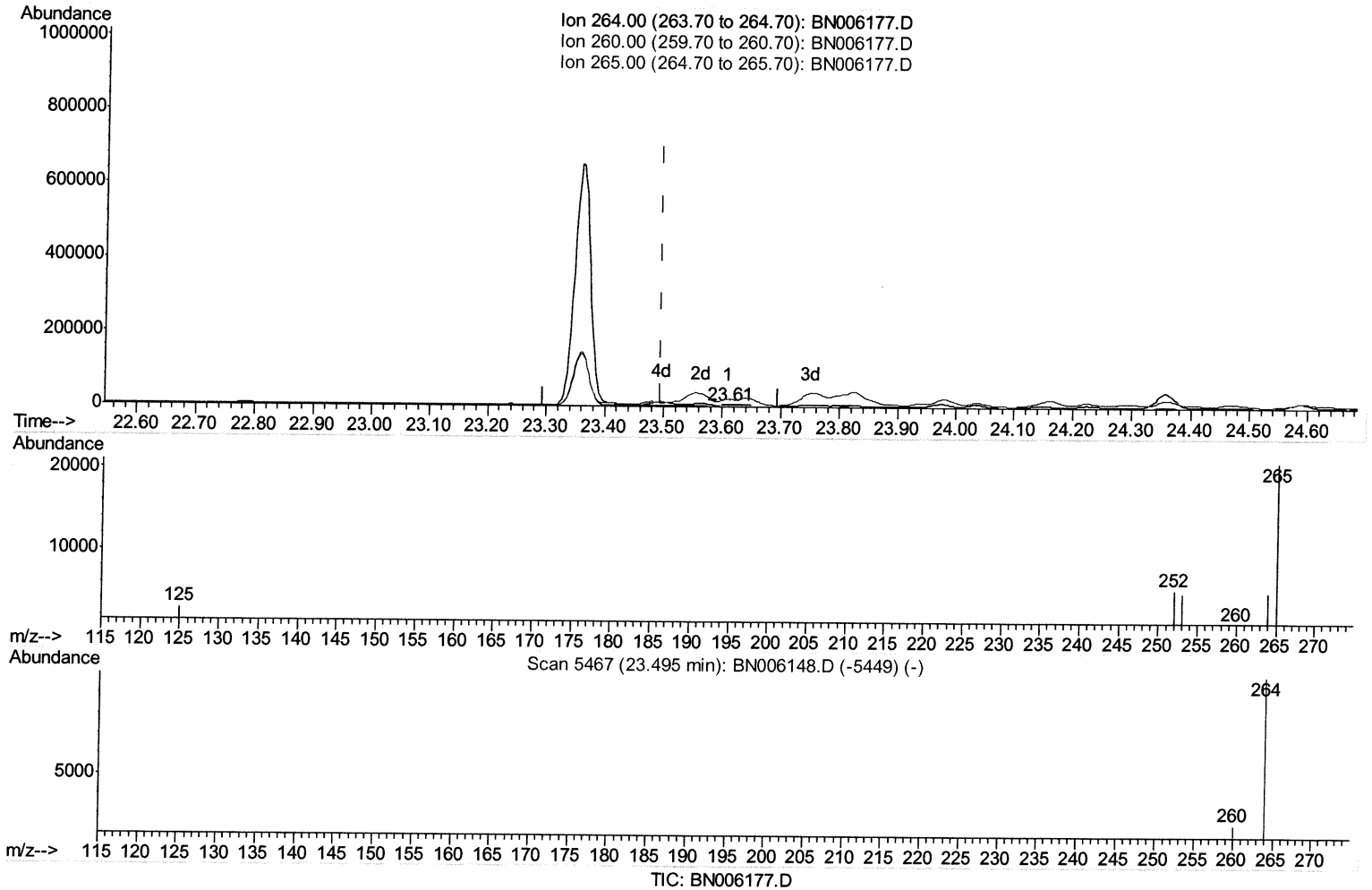
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006177.D
 Acq On : 07 Jun 2019 21:03
 Operator : JU/SJ
 Sample : K3201-16
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
ClientSampleId :
 C0AC7

Manual Integrations
APPROVED

mohammad
 6/11/2019 5:08:57 PM

Quant Time: Jun 08 02:04:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.609min (+0.114) 0.40ng/ul

response 12130

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	29.46
265.00	44.70	401.77#
0.00	0.00	0.00

Quantitation Report (Qedit)

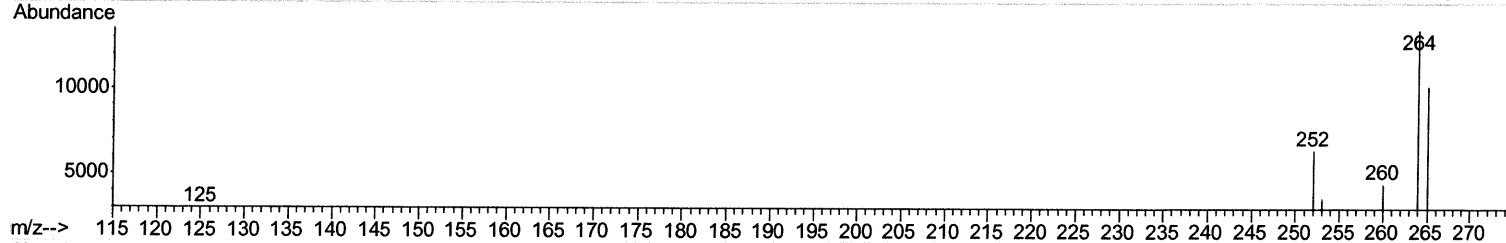
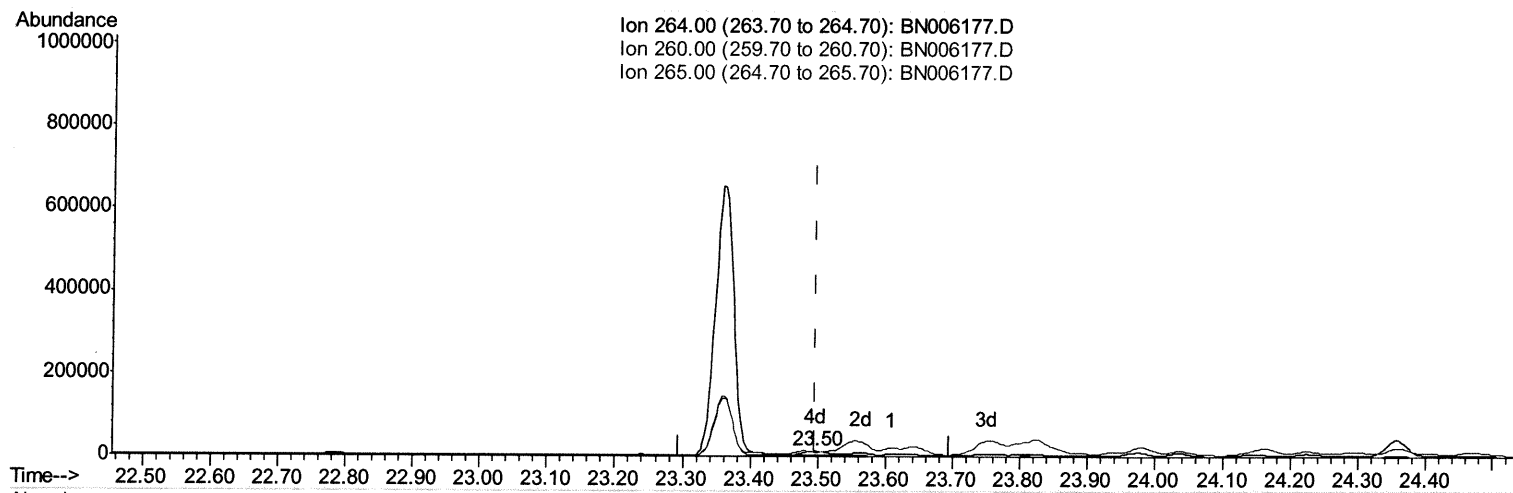
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006177.D
 Acq On : 07 Jun 2019 21:03
 Operator : JU/SJ
 Sample : K3201-16
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC7

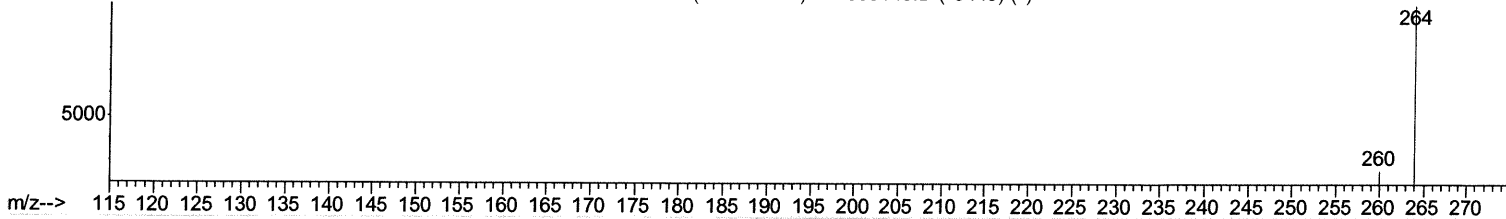
Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:08:57 PM

Quant Time: Jun 08 02:04:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration



Scan 5467 (23.495 min): BN006148.D (-5449) (-)



TIC: BN006177.D

(20) Perylene-d12 (I)

23.495min (+0.000) 0.40ng/ul m

JU
 06/10/19

response 22912

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	32.65
265.00	44.70	75.50#
0.00	0.00	0.00

Quantitation Report (Qedit)

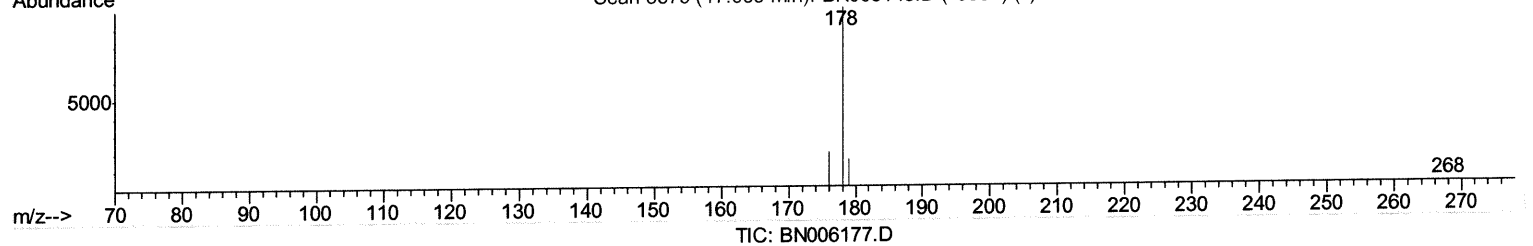
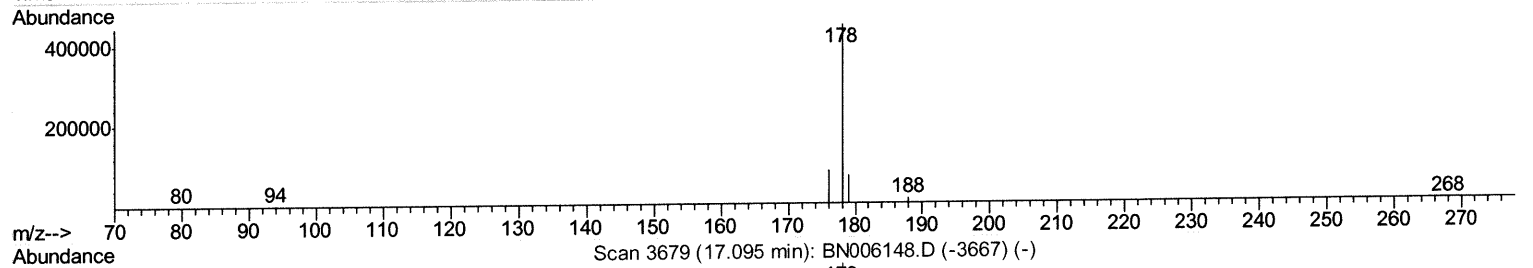
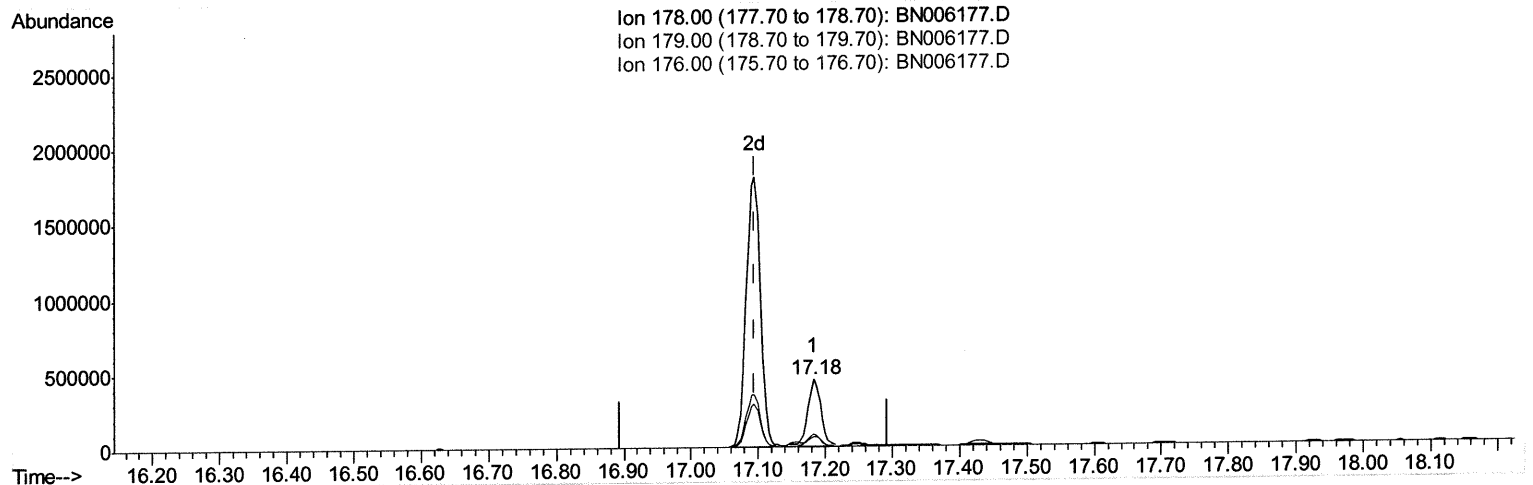
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006177.D
 Acq On : 07 Jun 2019 21:03
 Operator : JU/SJ
 Sample : K3201-16
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC7

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:08:57 PM

Quant Time: Jun 08 03:30:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration



(12) Phenanthrene

17.183min (+0.089) 8.37ng/ul

response 589179

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	15.60
176.00	19.10	18.48
0.00	0.00	0.00

Quantitation Report (Qedit)

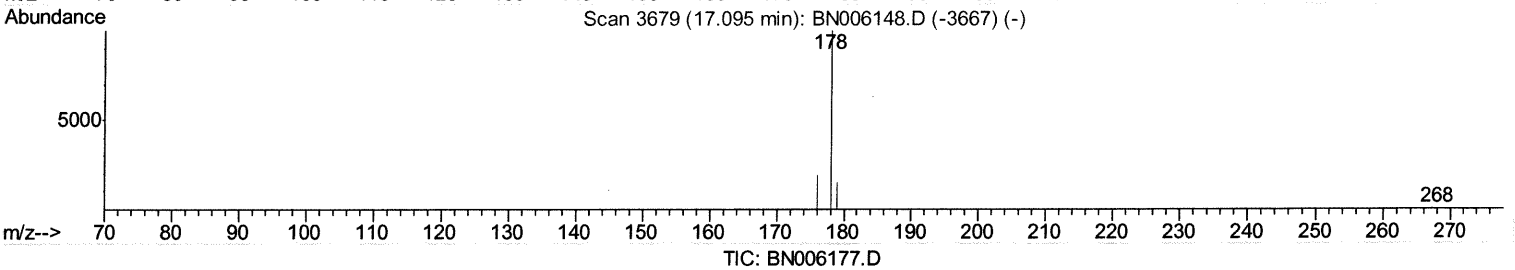
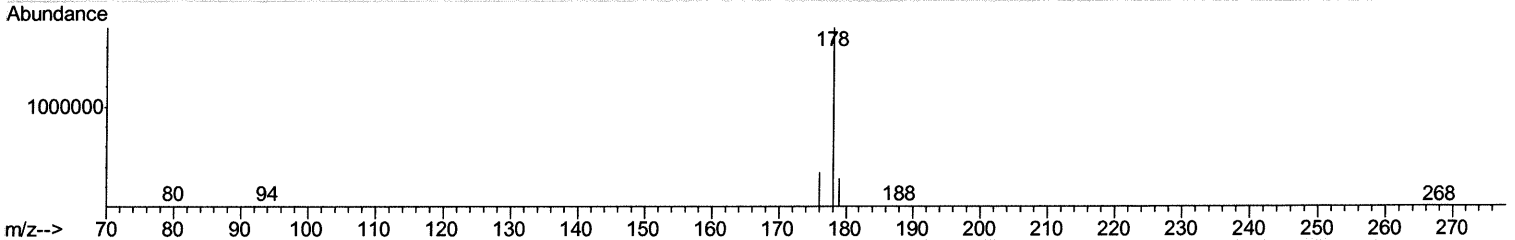
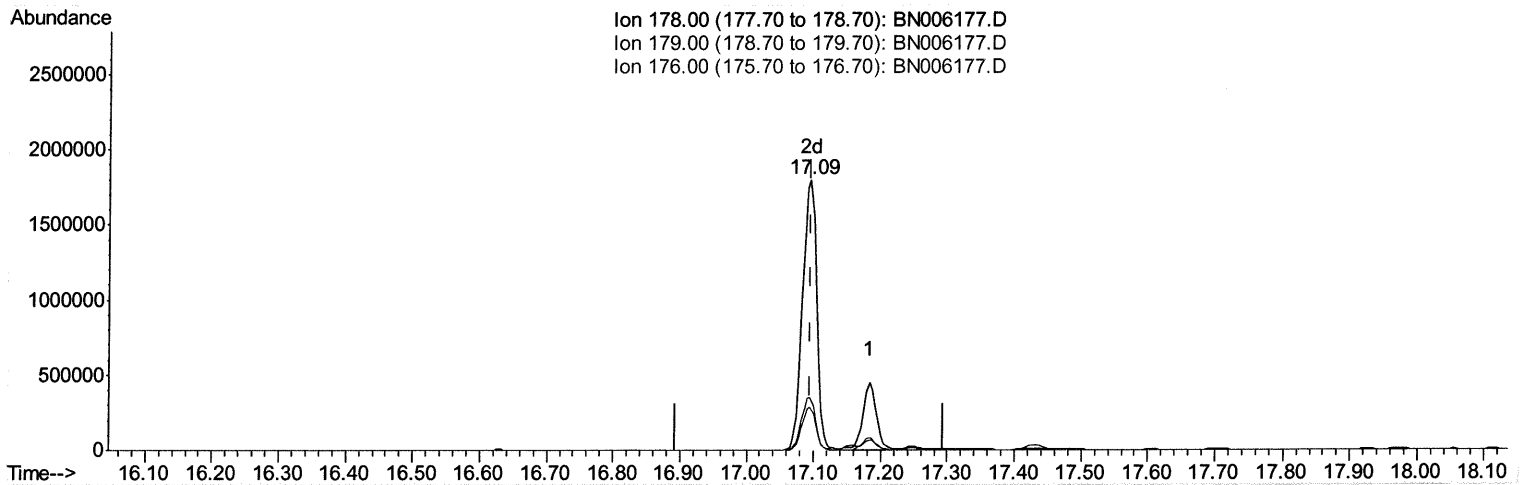
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006177.D
 Acq On : 07 Jun 2019 21:03
 Operator : JU/SJ
 Sample : K3201-16
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC7

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:08:57 PM

Quant Time: Jun 08 03:30:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration



(12) Phenanthrene

17.095min (+0.000) 37.36ng/ul m *JU 06/10/19*

response 2628644

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	15.82
176.00	19.10	19.40
0.00	0.00	0.00

Quantitation Report (Qedit)

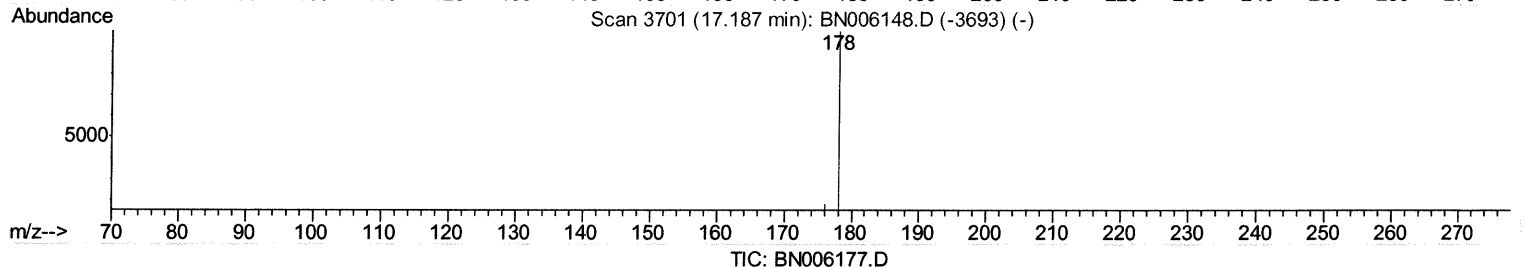
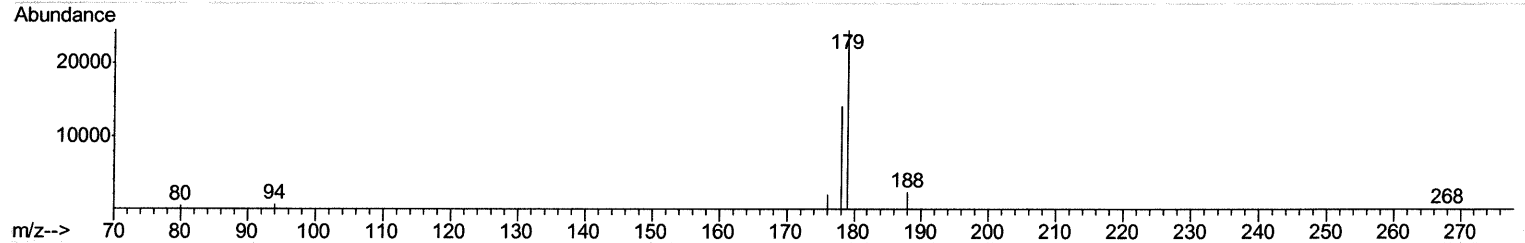
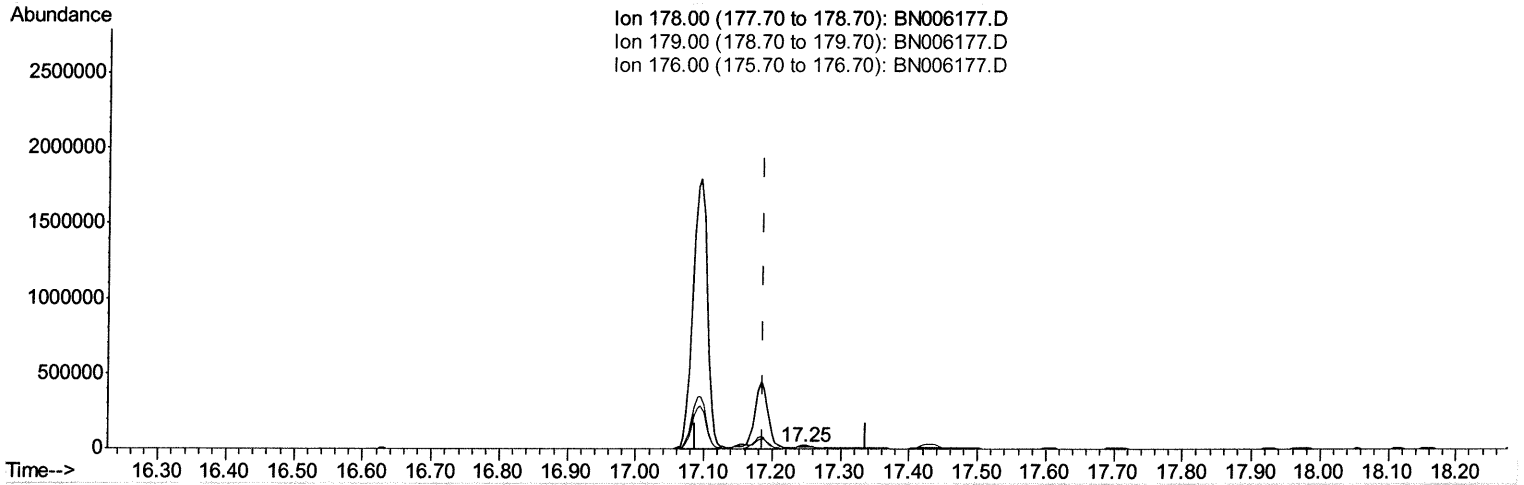
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006177.D
 Acq On : 07 Jun 2019 21:03
 Operator : JU/SJ
 Sample : K3201-16
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC7

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:08:57 PM

Quant Time: Jun 08 03:30:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration



(13) Anthracene

17.247min (+0.059) 0.24ng/ul

response 15855

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	173.77#
176.00	18.90	15.22
0.00	0.00	0.00

Quantitation Report (Qedit)

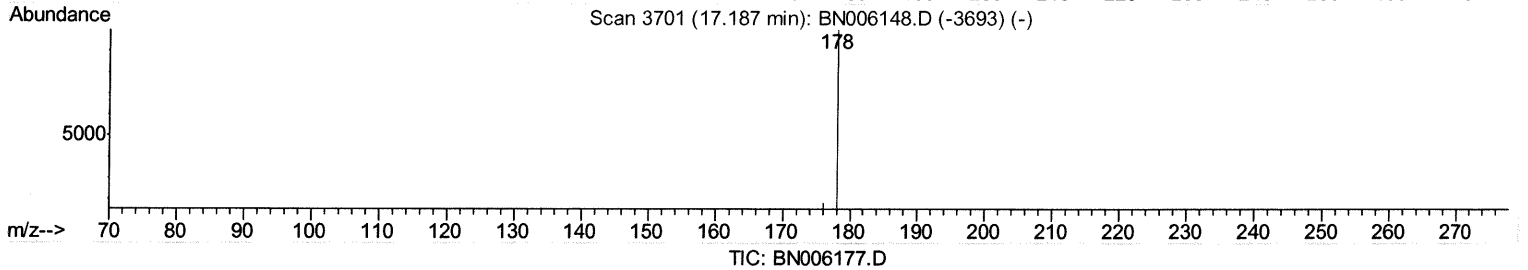
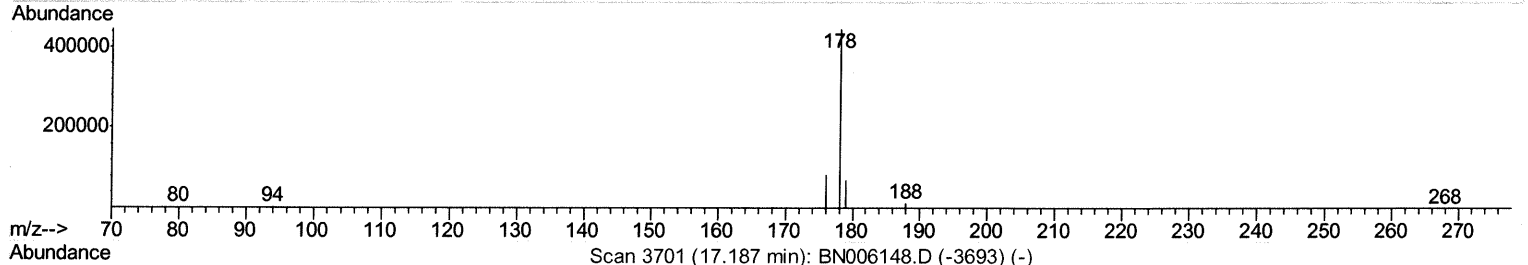
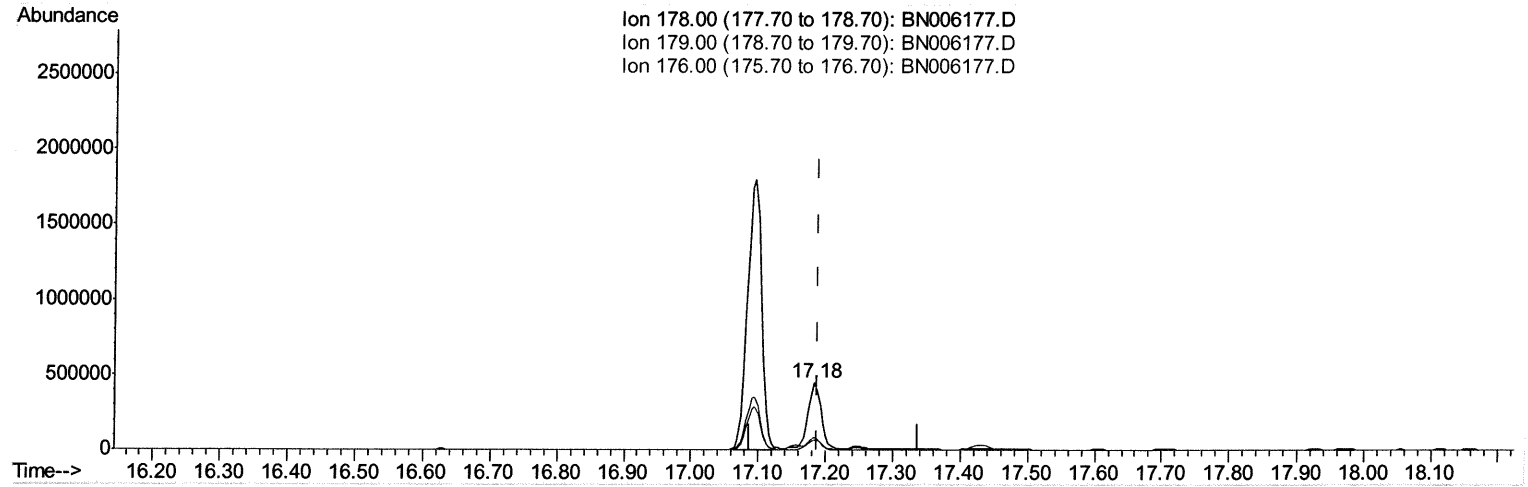
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006177.D
 Acq On : 07 Jun 2019 21:03
 Operator : JU/SJ
 Sample : K3201-16
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC7

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:08:57 PM

Quant Time: Jun 08 03:30:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration



(13) Anthracene

17.183min (-0.004) 9.00ng/ul m

JU
06/10/19

response 604565

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	15.60
176.00	18.90	18.48
0.00	0.00	0.00

Quantitation Report (Qedit)

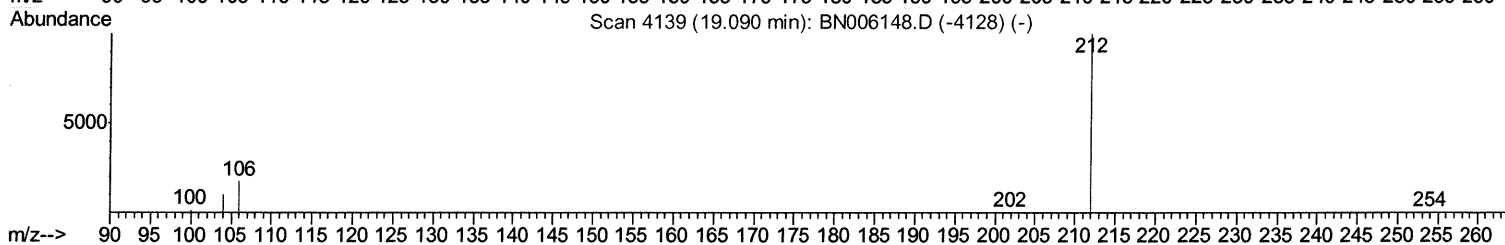
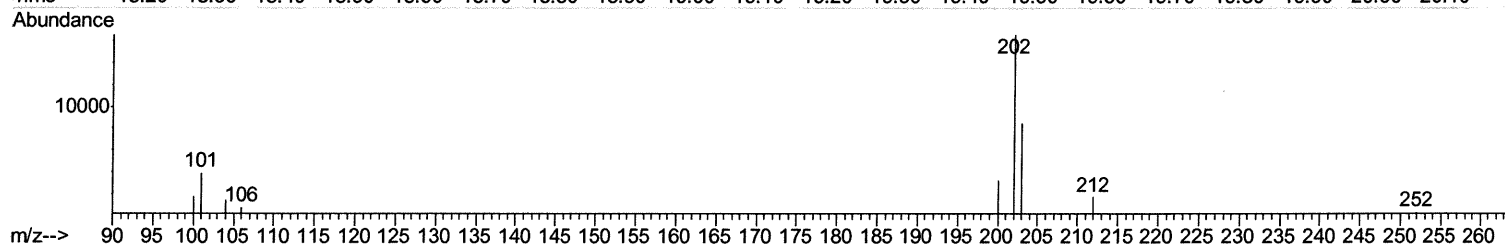
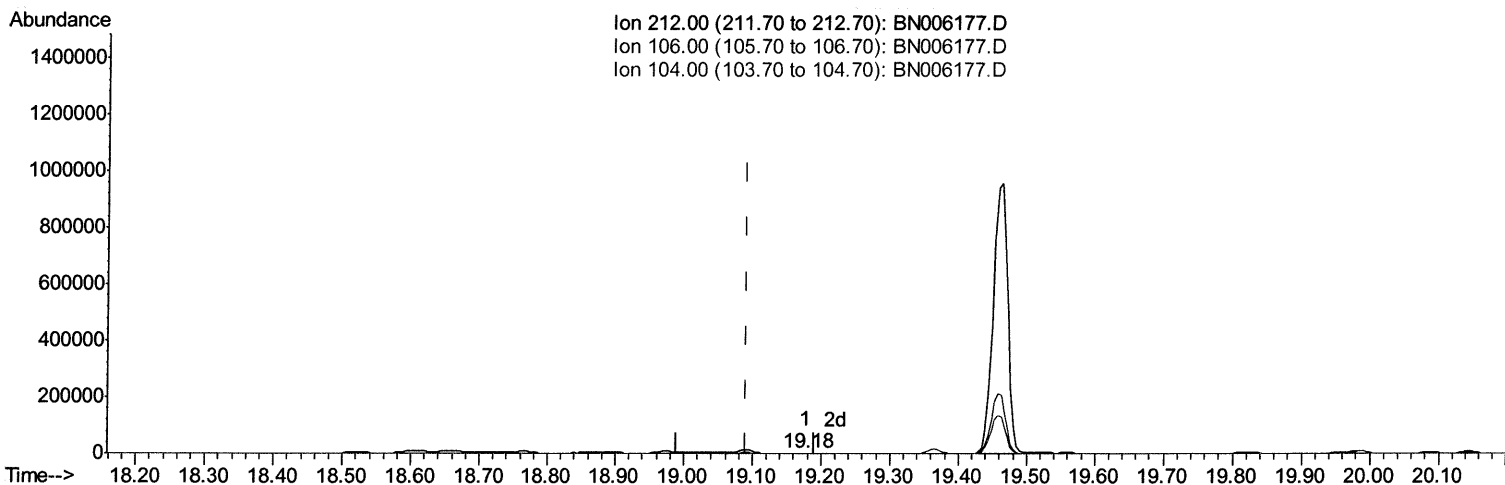
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
Data File : BN006177.D
Acq On : 07 Jun 2019 21:03
Operator : JU/SJ
Sample : K3201-16
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AC7

Manual Integrations
APPROVED

mohammad
6/11/2019 5:08:57 PM

Quant Time: Jun 08 03:30:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 01:31:14 2019
Response via : Initial Calibration



TIC: BN006177.D

(14) Fluoranthene-d10 (SURR)

19.179min (+0.088) 0.01ng/ul

response 762

Ion	Exp%	Act%
212.00	100	100
106.00	18.10	49.34#
104.00	9.90	122.70#
0.00	0.00	0.00

Quantitation Report (Qedit)

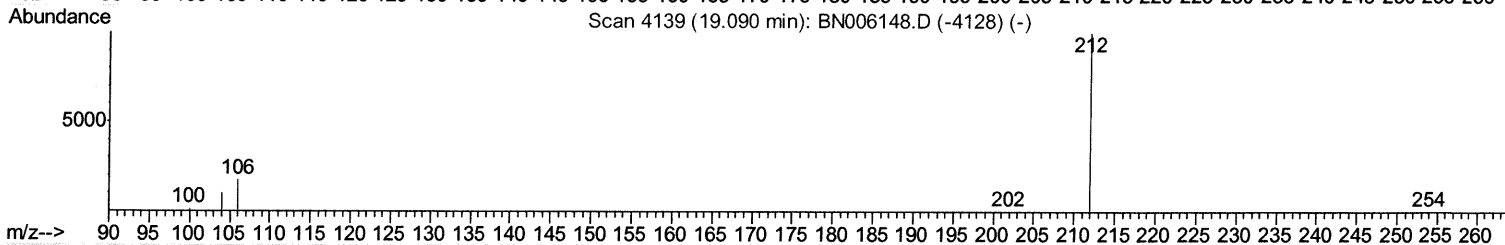
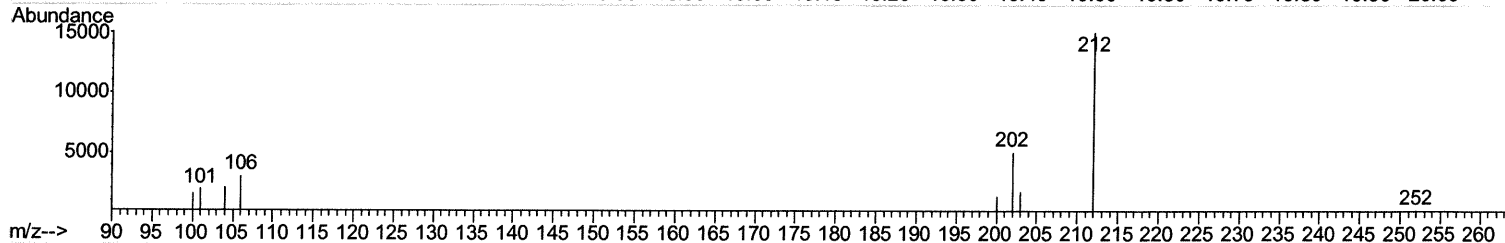
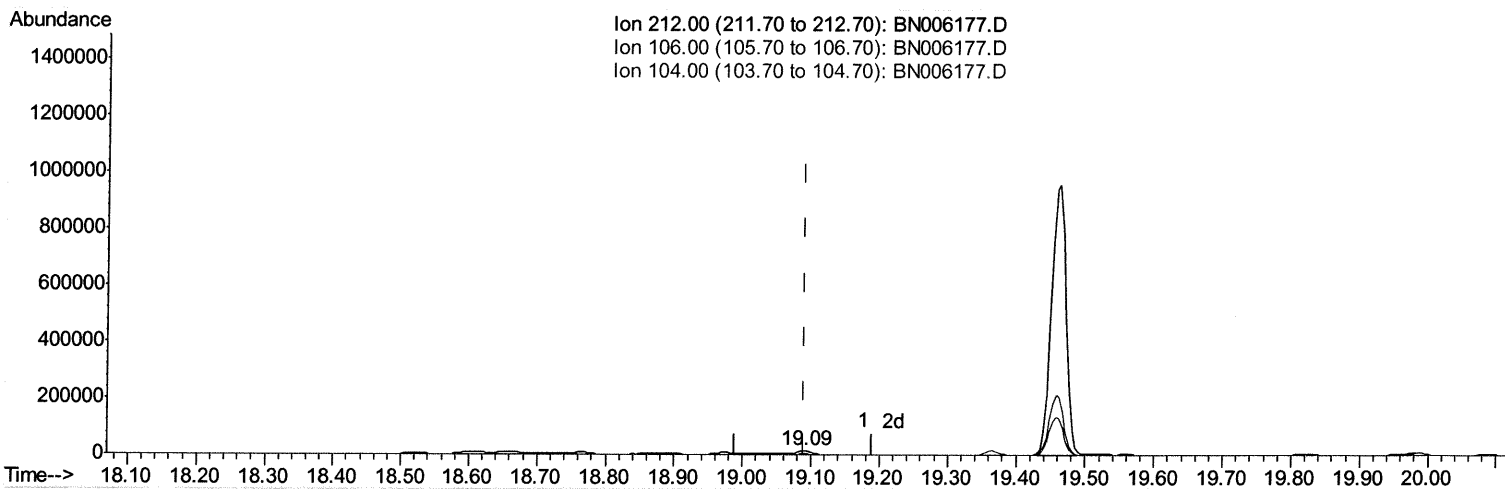
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006177.D
 Acq On : 07 Jun 2019 21:03
 Operator : JU/SJ
 Sample : K3201-16
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC7

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:08:57 PM

Quant Time: Jun 08 03:30:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration



TIC: BN006177.D

(14) Fluoranthene-d10 (SURR)

19.090min (+0.000) 0.31ng/ul m

JU
 06/10/19

response 18189

Ion	Exp%	Act%
212.00	100	100
106.00	18.10	2.07#
104.00	9.90	5.14#
0.00	0.00	0.00

Quantitation Report (Qedit)

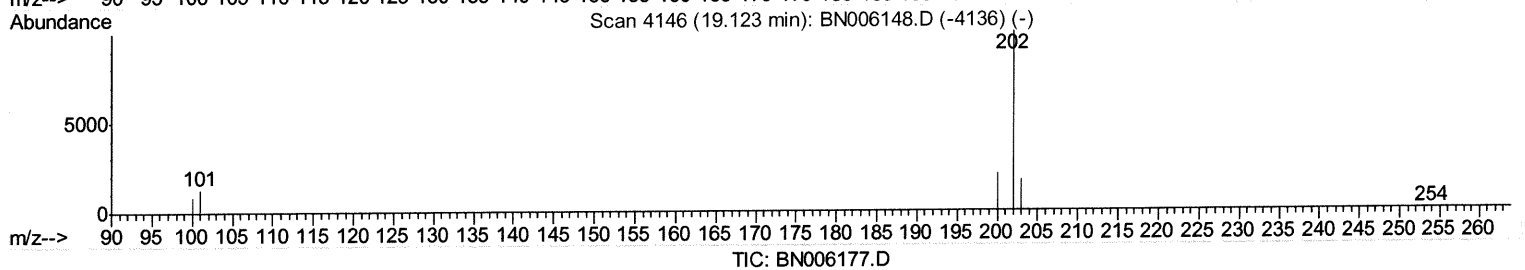
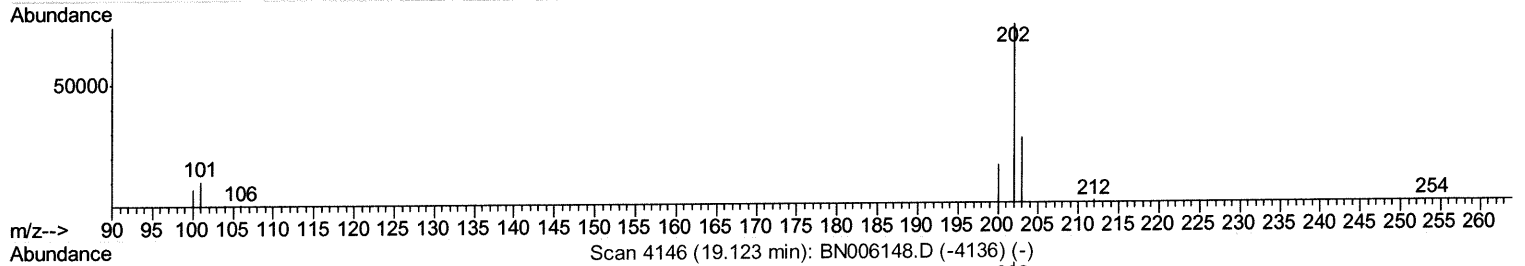
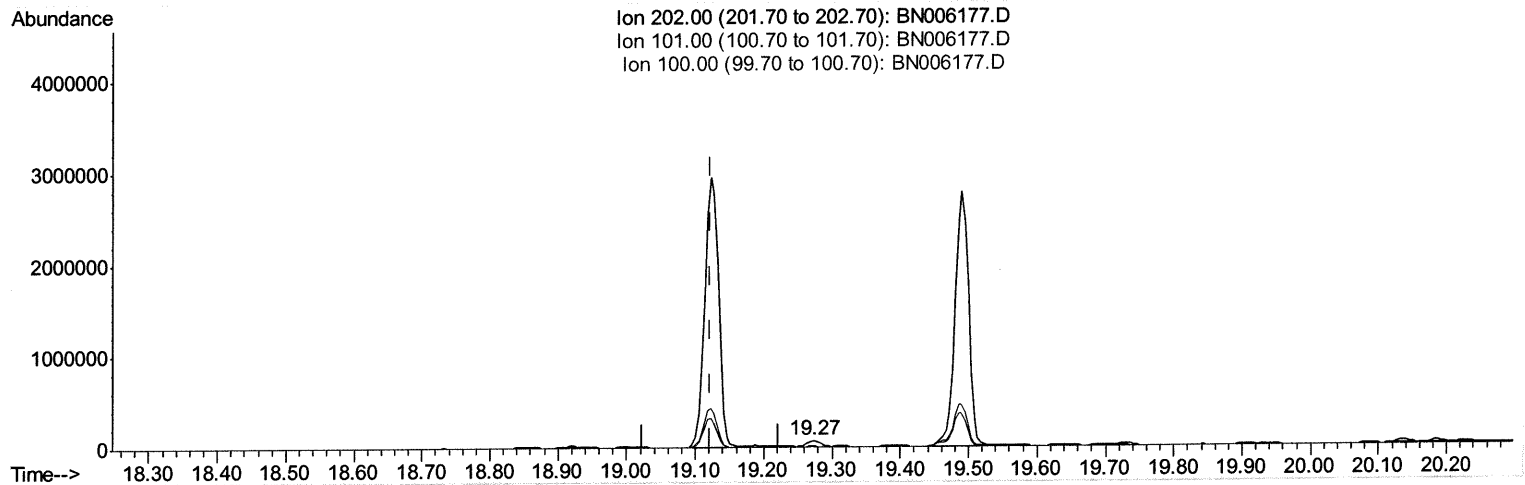
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006177.D
 Acq On : 07 Jun 2019 21:03
 Operator : JU/SJ
 Sample : K3201-16
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC7

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:08:57 PM

Quant Time: Jun 08 03:30:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration



(15) Fluoranthene (C)

19.272min (+0.149) 1.09ng/ul

response 84398

Ion	Exp%	Act%
202.00	100	100
101.00	12.10	14.32
100.00	8.70	10.26
0.00	0.00	0.00

Quantitation Report (Qedit)

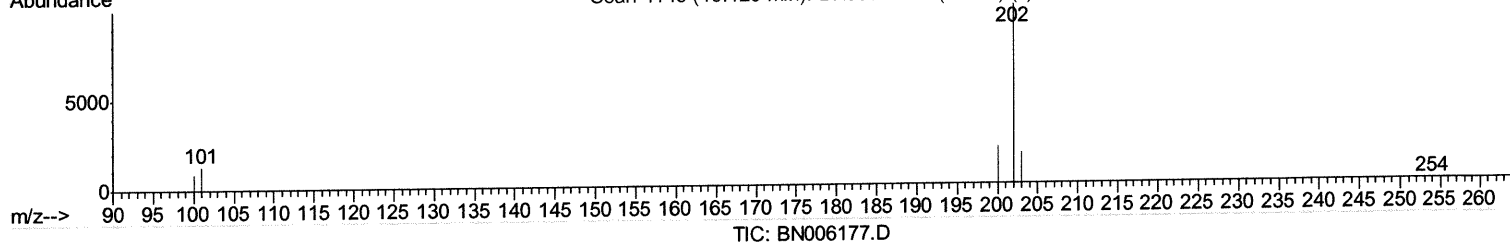
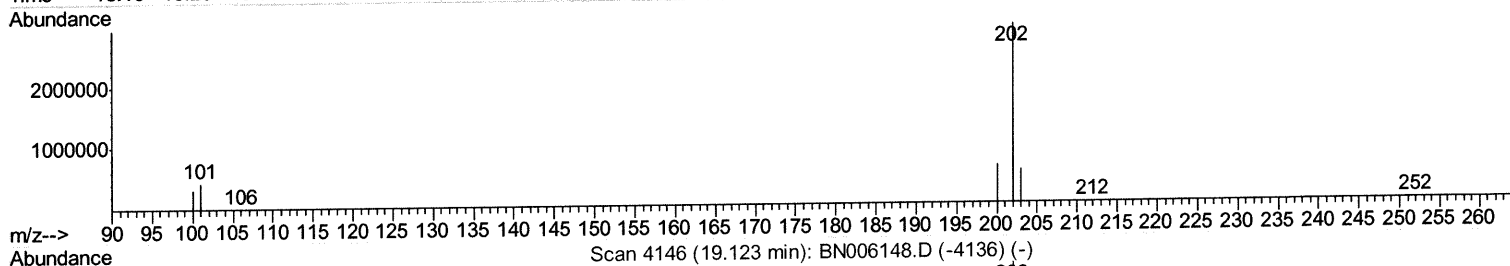
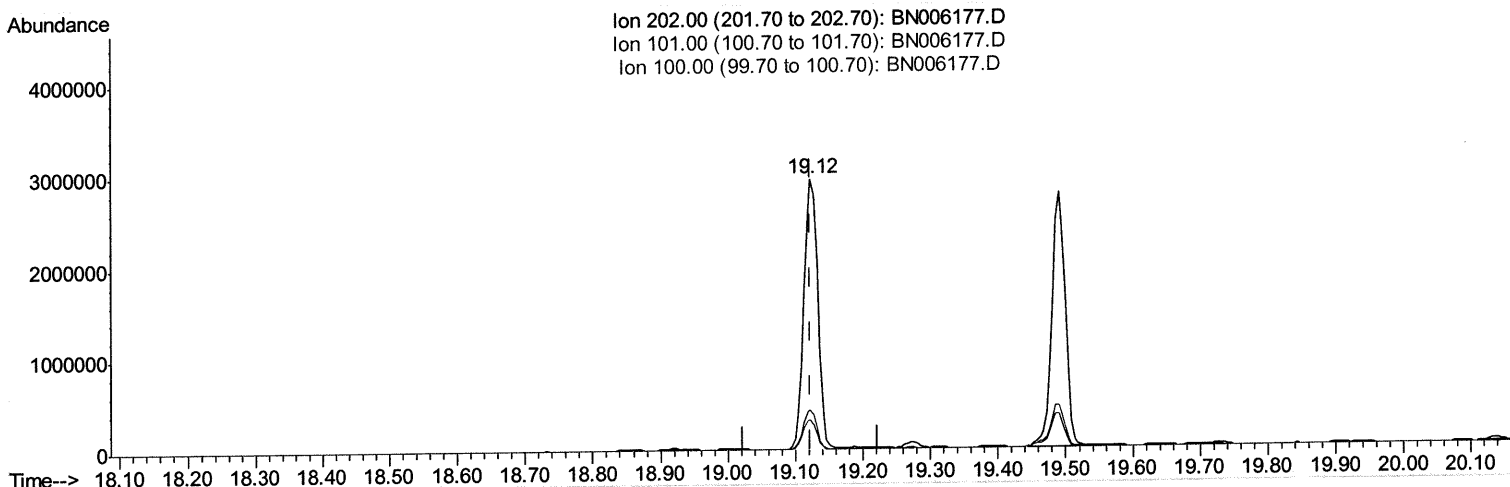
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006177.D
 Acq On : 07 Jun 2019 21:03
 Operator : JU/SJ
 Sample : K3201-16
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC7

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:08:57 PM

Quant Time: Jun 08 03:30:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration



(15) Fluoranthene (C)

19.123min (+0.000) 53.95ng/ul m

response 4191187

Ion	Exp%	Act%
202.00	100	100
101.00	12.10	14.64
100.00	8.70	10.75
0.00	0.00	0.00

Quantitation Report (Qedit)

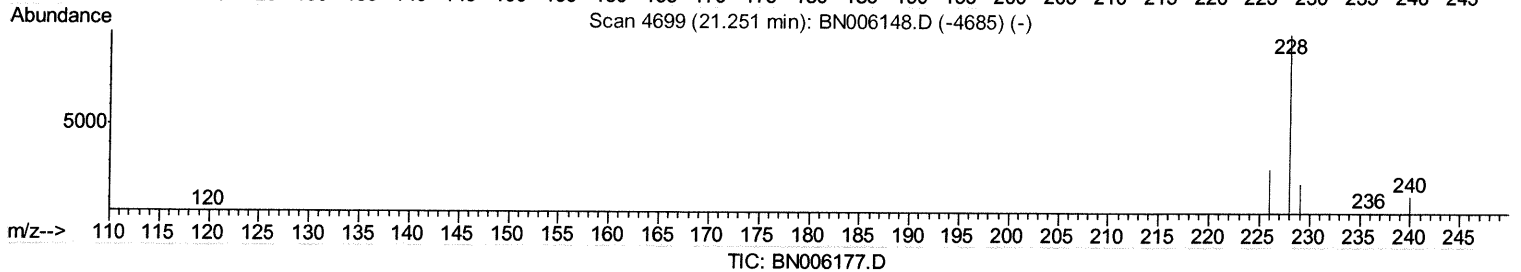
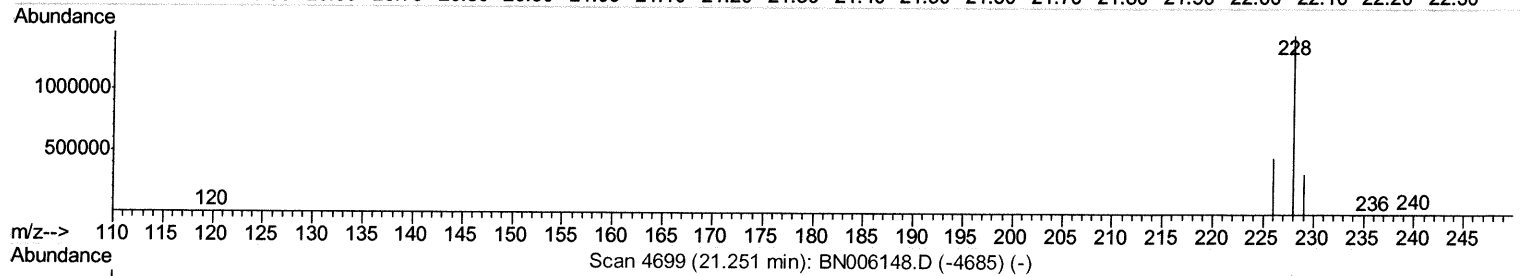
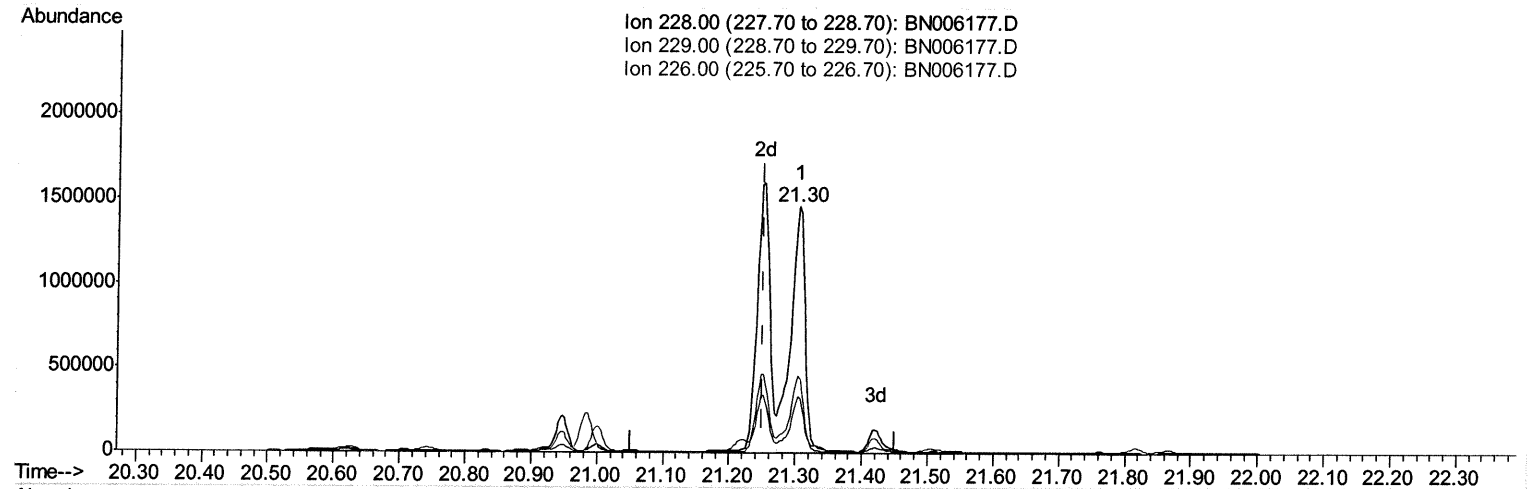
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006177.D
 Acq On : 07 Jun 2019 21:03
 Operator : JU/SJ
 Sample : K3201-16
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC7

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:08:57 PM

Quant Time: Jun 08 03:30:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration



(18) Benzo(a)anthracene
 21.303min (+0.053) 29.41ng/ul
 response 2175195

Ion	Exp%	Act%
228.00	100	100
229.00	20.60	22.70
226.00	28.50	31.35
0.00	0.00	0.00

Quantitation Report (Qedit)

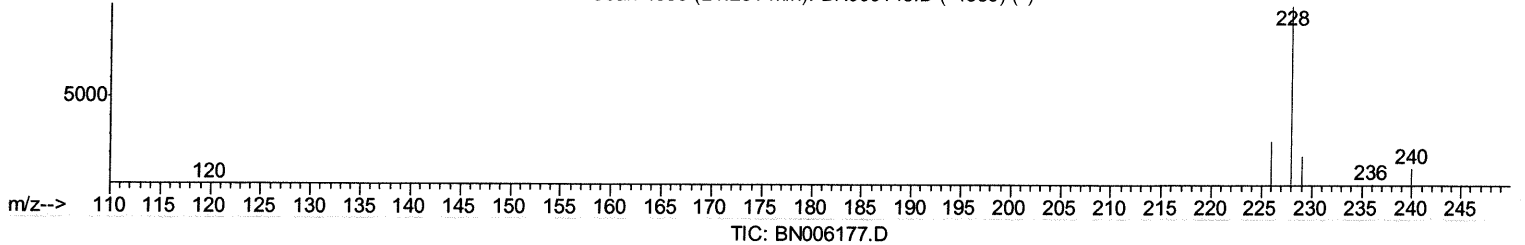
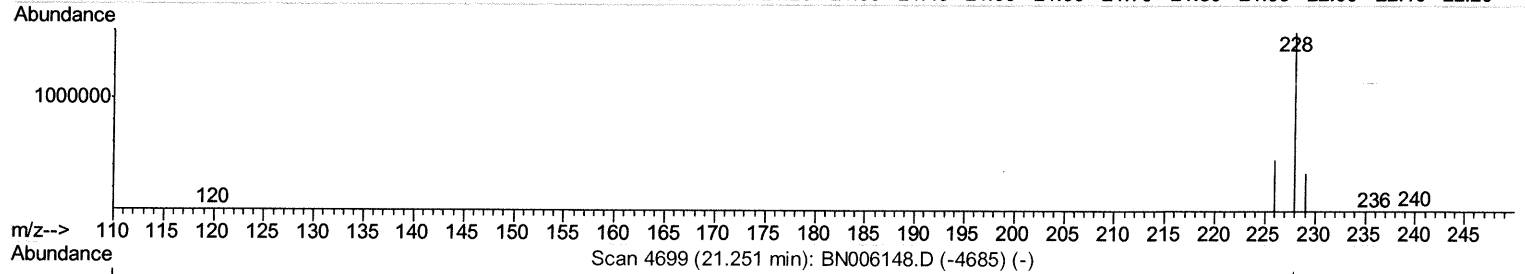
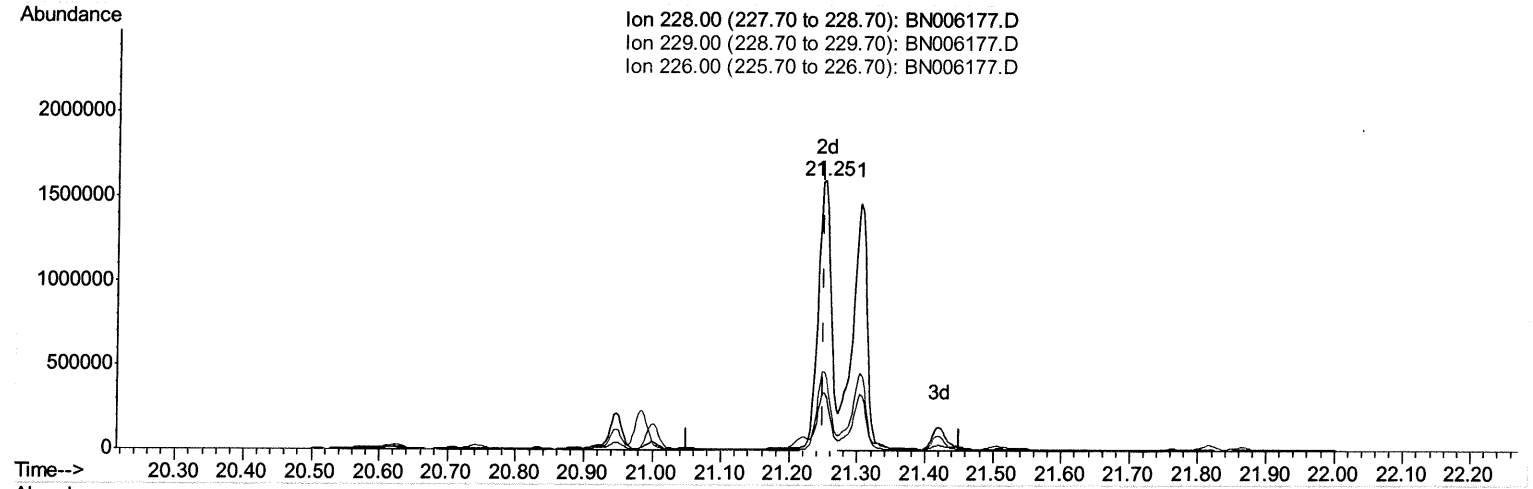
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006177.D
 Acq On : 07 Jun 2019 21:03
 Operator : JU/SJ
 Sample : K3201-16
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC7

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:08:57 PM

Quant Time: Jun 08 03:30:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration



(18) Benzo(a)anthracene

21.251min (+0.000) 28.94ng/ul m *Ju* 06/10/19

response 2140183

Ion	Exp%	Act%
228.00	100	100
229.00	20.60	21.22
226.00	28.50	29.04
0.00	0.00	0.00

Quantitation Report (Qedit)

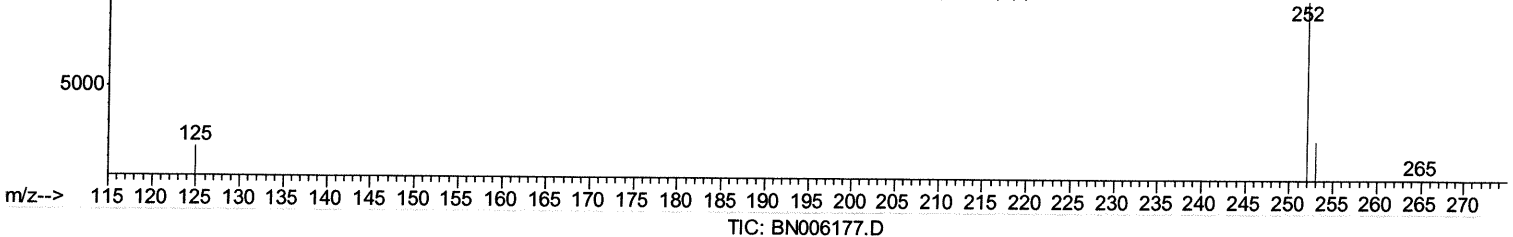
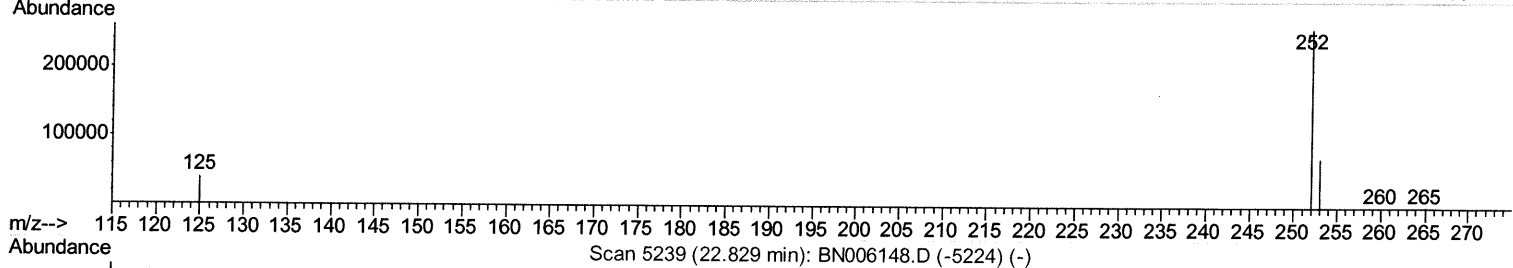
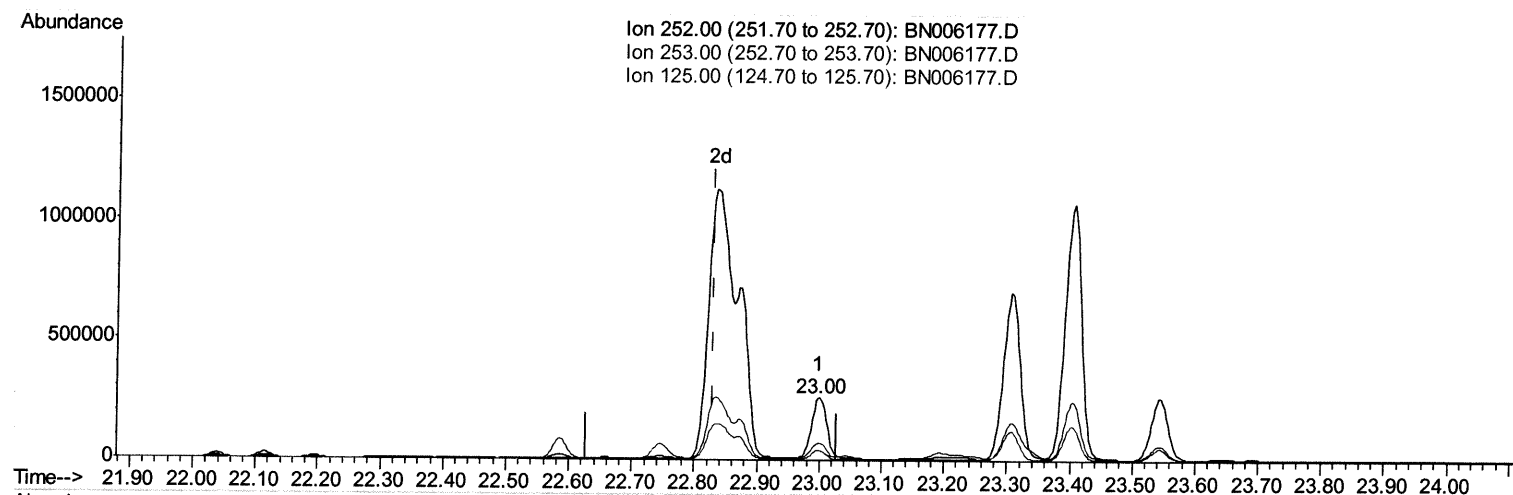
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006177.D
 Acq On : 07 Jun 2019 21:03
 Operator : JU/SJ
 Sample : K3201-16
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC7

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:08:57 PM

Quant Time: Jun 08 03:30:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.998min (+0.170) 4.62ng/ul

response 440991

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	27.46
125.00	20.50	15.63
0.00	0.00	0.00

Quantitation Report (Qedit)

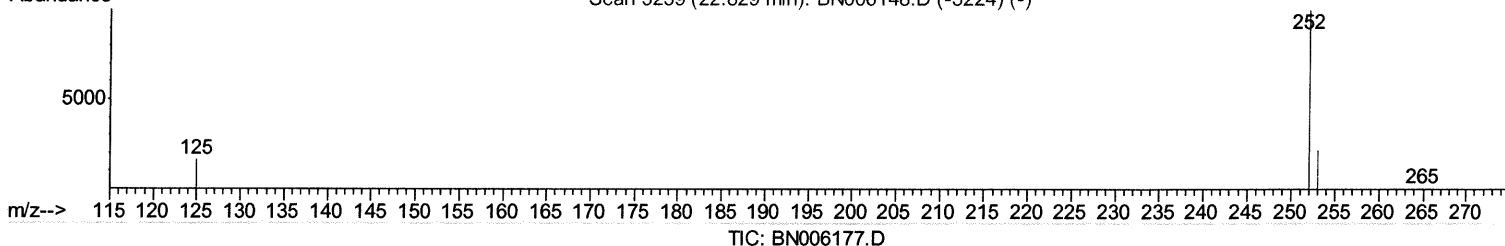
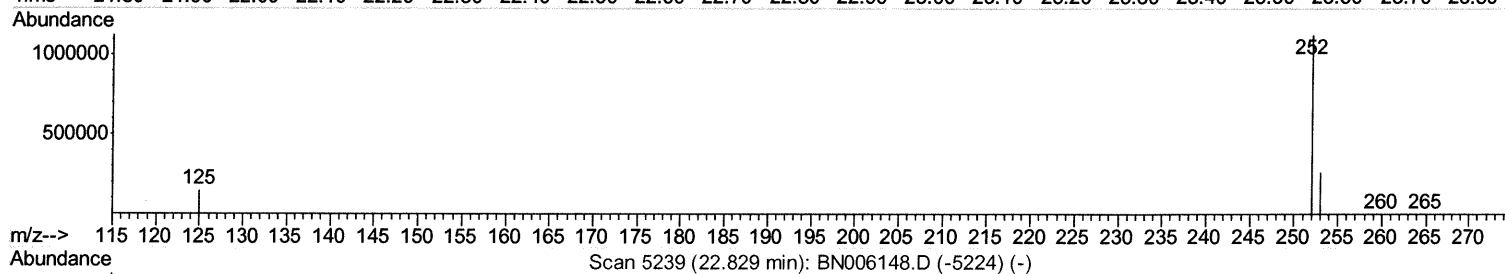
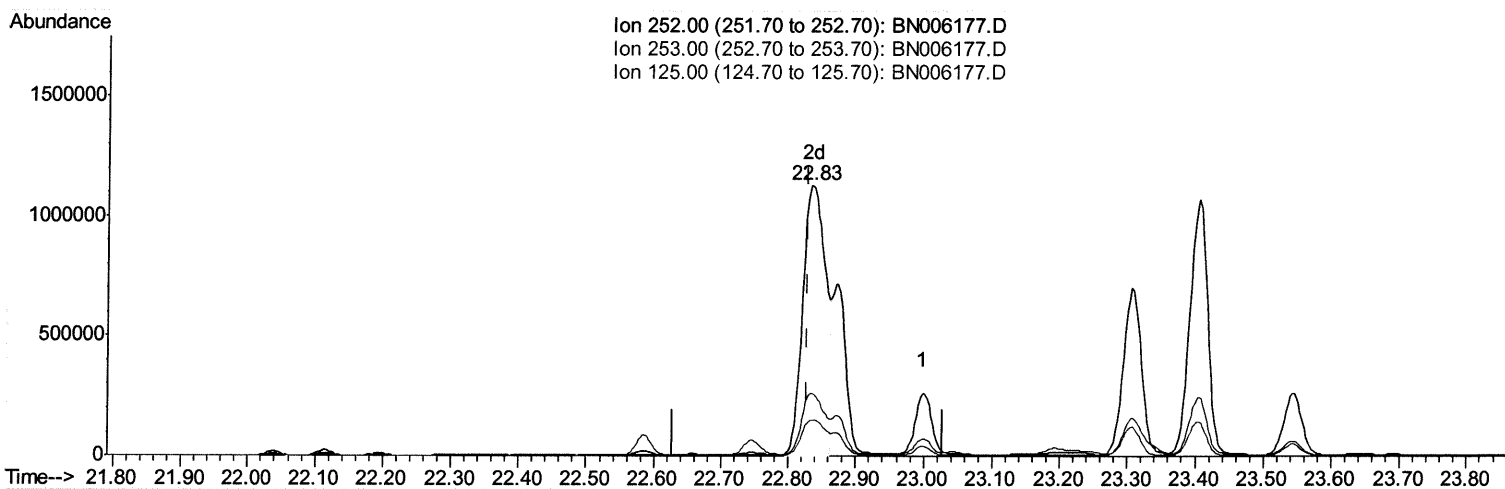
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
Data File : BN006177.D
Acq On : 07 Jun 2019 21:03
Operator : JU/SJ
Sample : K3201-16
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AC7

Manual Integrations
APPROVED

mohammad
6/11/2019 5:08:57 PM

Quant Time: Jun 08 03:30:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 01:31:14 2019
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.835min (+0.006) 27.57ng/ul m

JU
06/10/19

response 2633853

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	23.20
125.00	20.50	13.16
0.00	0.00	0.00

Quantitation Report (Qedit)

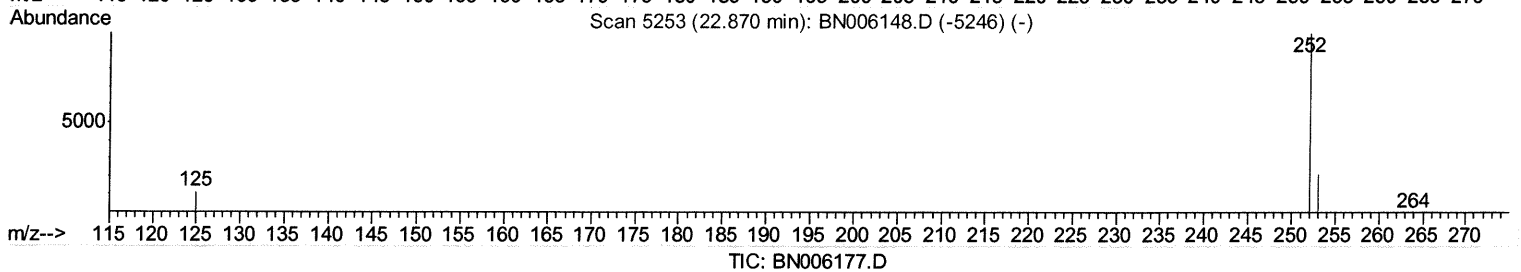
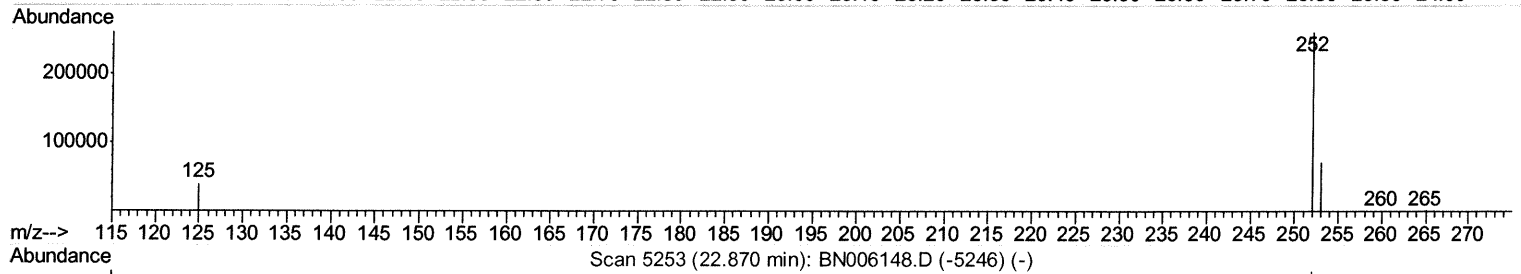
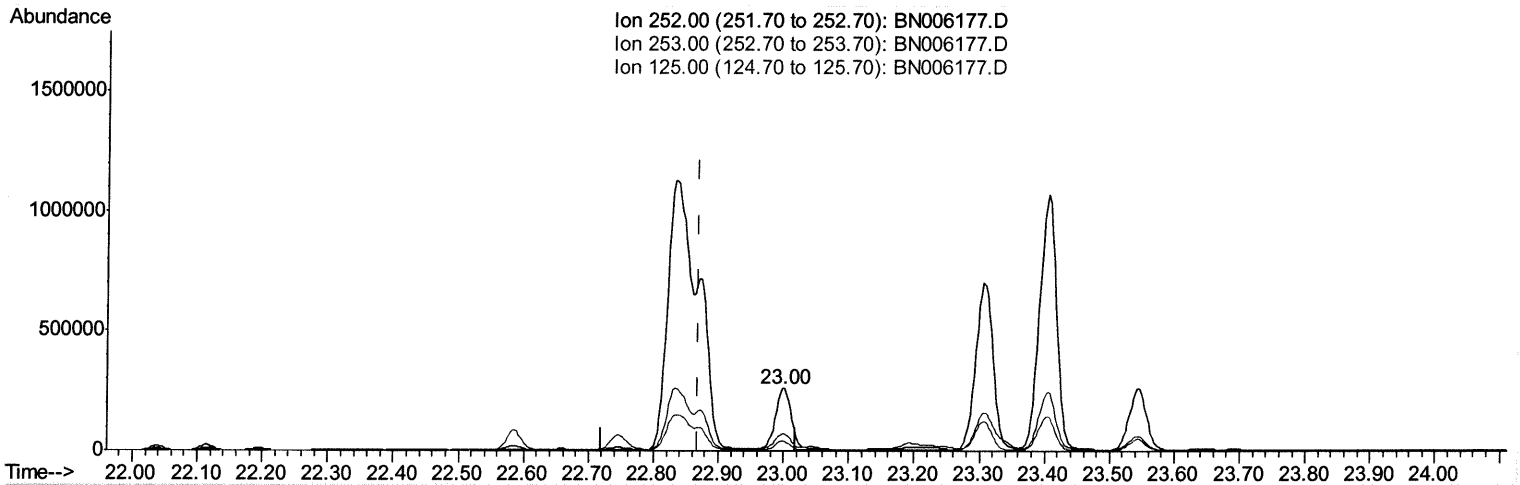
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006177.D
 Acq On : 07 Jun 2019 21:03
 Operator : JU/SJ
 Sample : K3201-16
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC7

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:08:57 PM

Quant Time: Jun 08 03:30:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene
 22.998min (+0.129) 4.74ng/ul
 response 440767

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	27.46
125.00	17.90	15.63
0.00	0.00	0.00

Quantitation Report (Qedit)

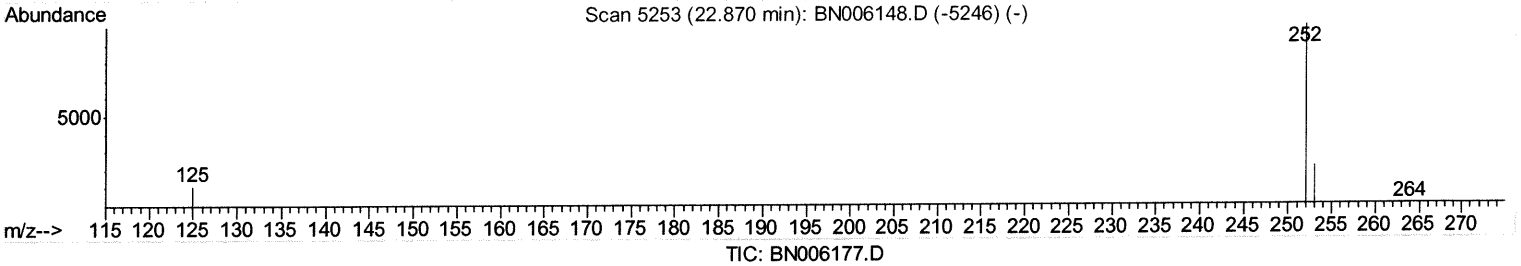
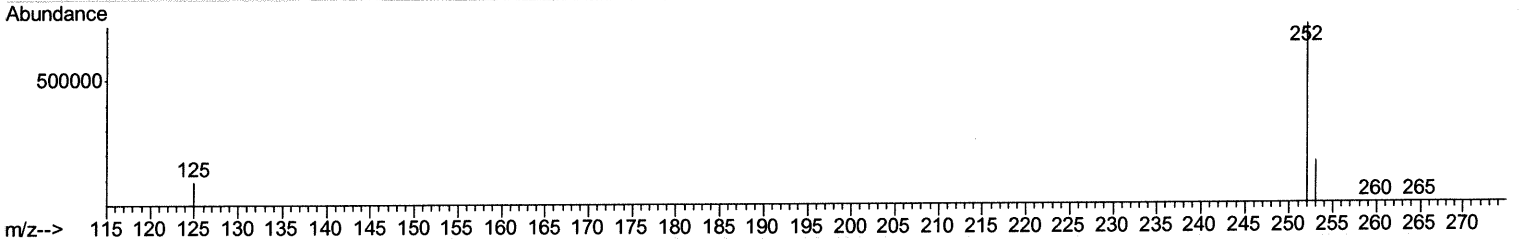
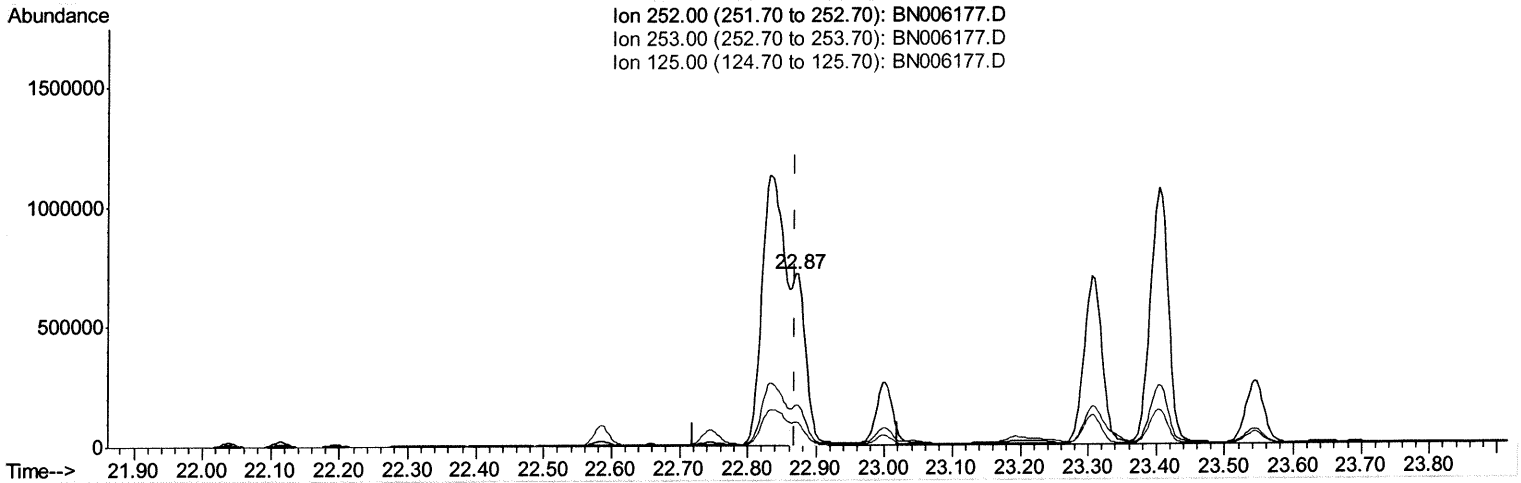
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006177.D
 Acq On : 07 Jun 2019 21:03
 Operator : JU/SJ
 Sample : K3201-16
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC7

Manual Integrations
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Quant Time: Jun 08 03:30:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.873min (+0.003) 11.15ng/ul m

JU
 06/10/19

response 1037496

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	23.60
125.00	17.90	13.38#
0.00	0.00	0.00

Quantitation Report (Qedit)

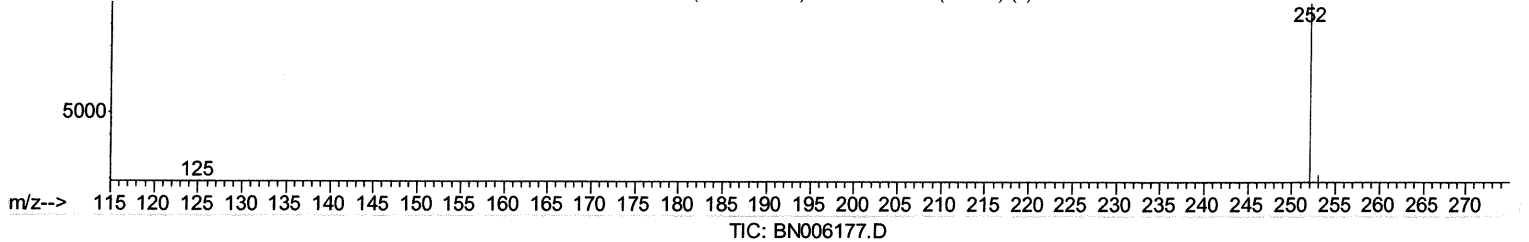
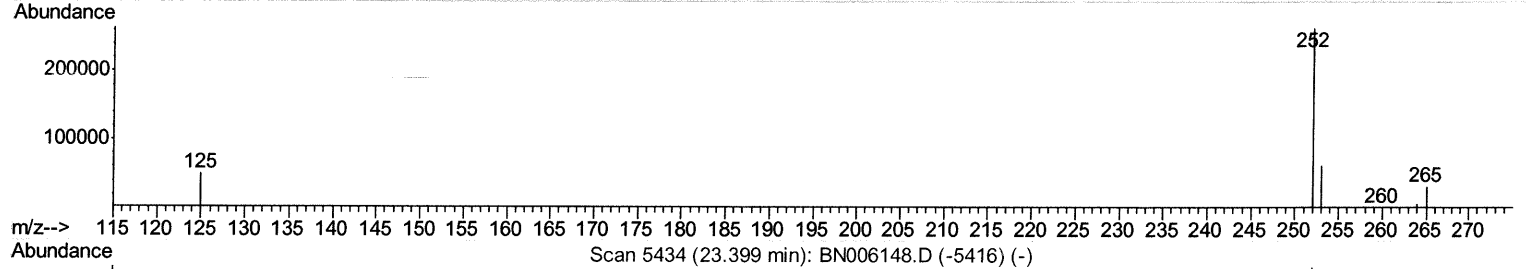
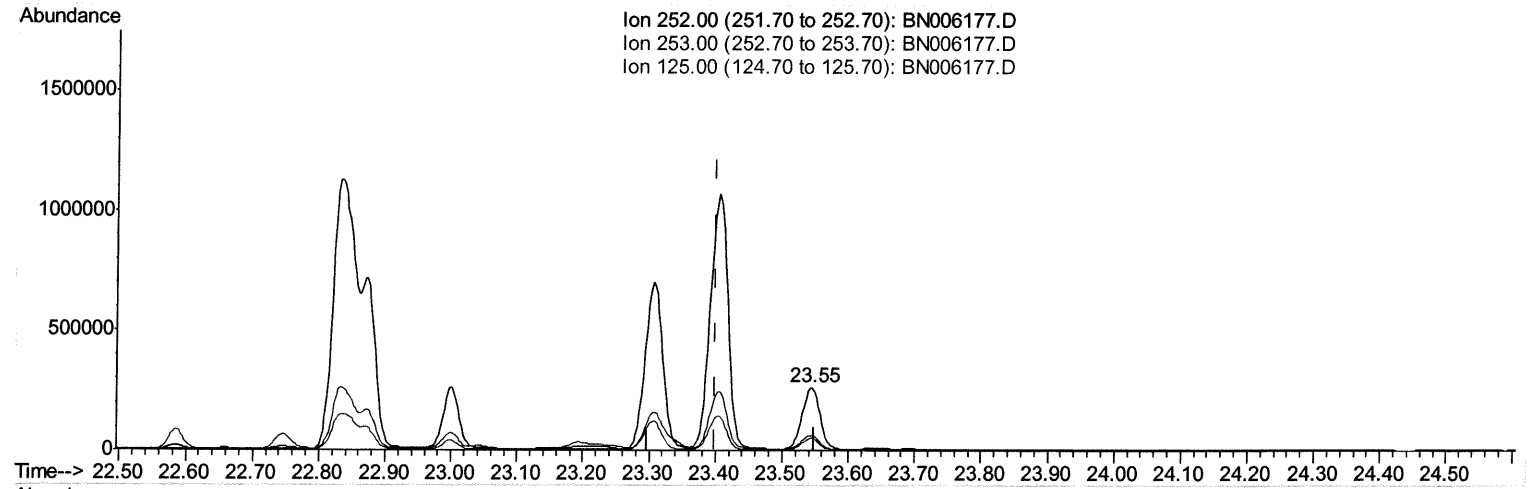
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006177.D
 Acq On : 07 Jun 2019 21:03
 Operator : JU/SJ
 Sample : K3201-16
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC7

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:08:57 PM

Quant Time: Jun 08 03:30:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.545min (+0.146) 5.36ng/ul

response 477115

Ion	Exp%	Act%
252.00	100	100
253.00	26.40	23.93
125.00	25.40	18.91#
0.00	0.00	0.00

Quantitation Report (Qedit)

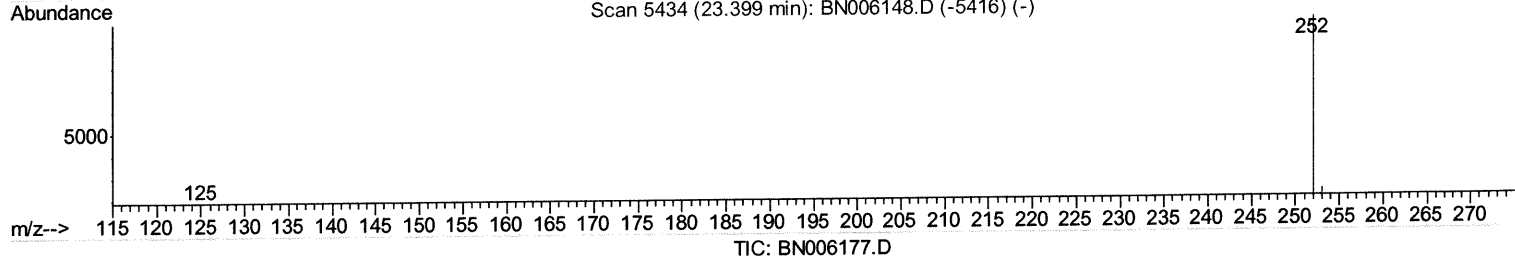
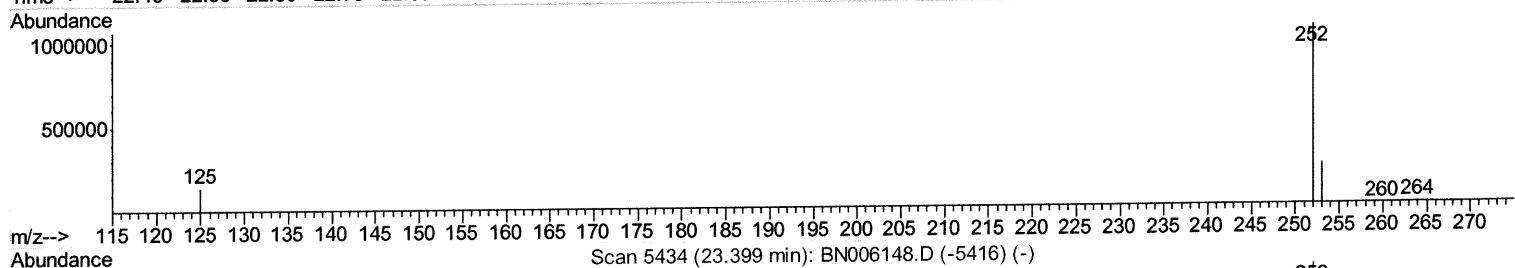
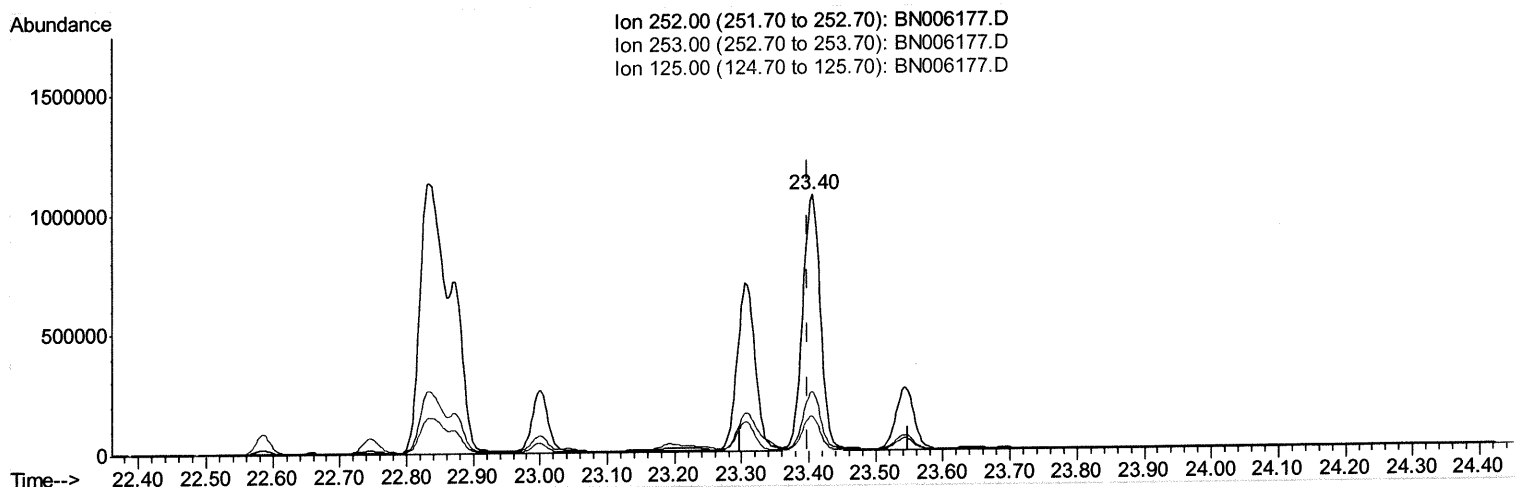
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
Data File : BN006177.D
Acq On : 07 Jun 2019 21:03
Operator : JU/SJ
Sample : K3201-16
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
C0AC7

Manual Integrations
APPROVED

mohammad
6/11/2019 5:08:57 PM

Quant Time: Jun 08 03:30:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 01:31:14 2019
Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.405min (+0.006) 22.13ng/ul m

JU
06/10/19

response 1969130

Ion	Exp%	Act%
252.00	100	100
253.00	26.40	23.03
125.00	25.40	13.55#
0.00	0.00	0.00

Quantitation Report (Qedit)

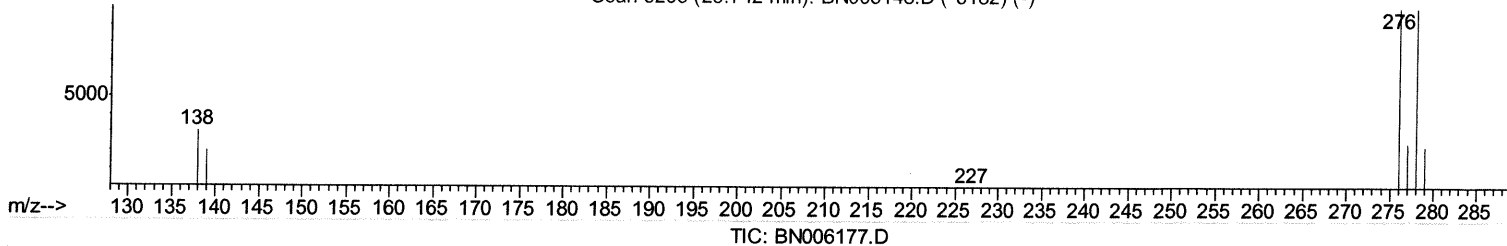
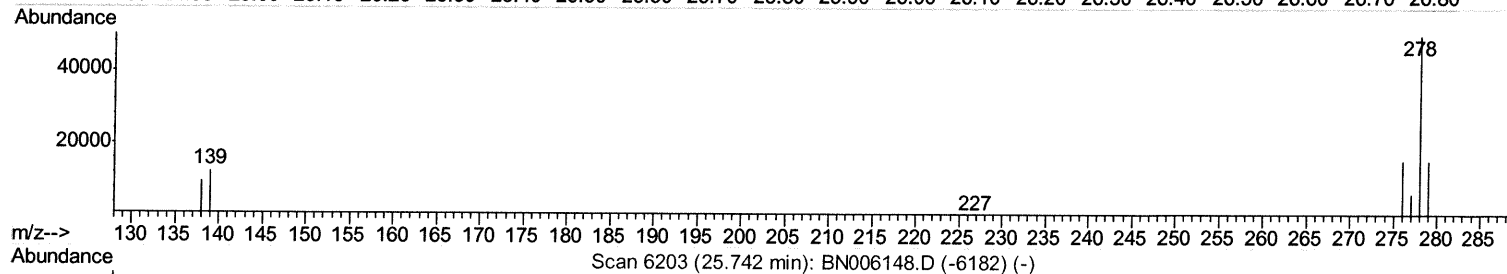
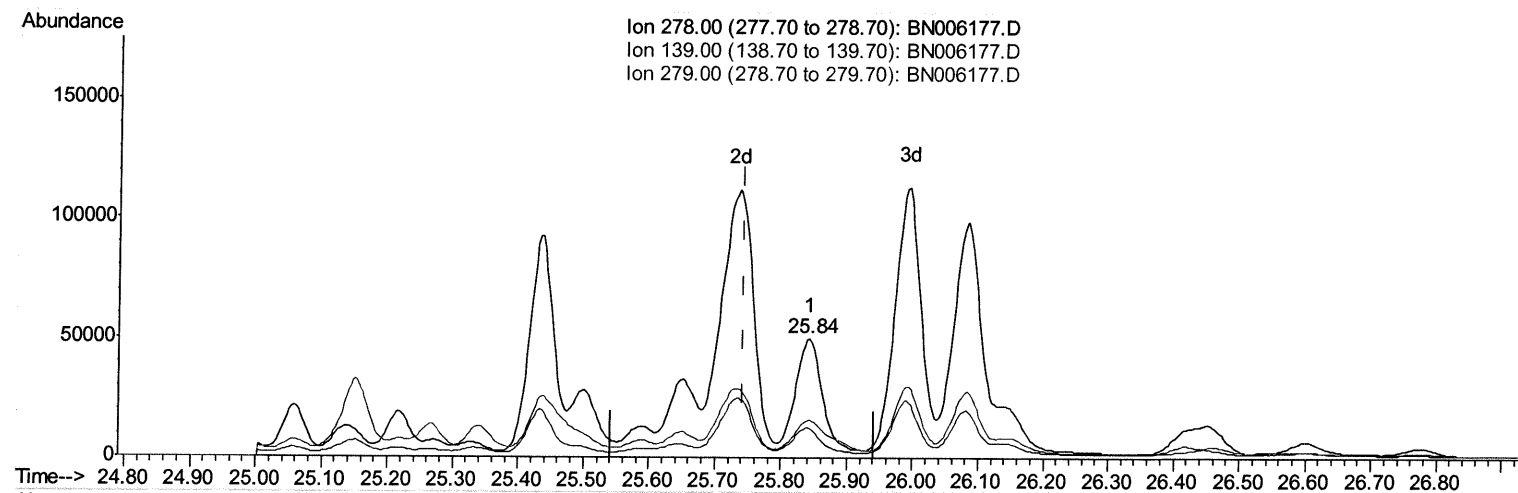
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 Data File : BN006177.D
 Acq On : 07 Jun 2019 21:03
 Operator : JU/SJ
 Sample : K3201-16
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 C0AC7

Manual Integrations
 APPROVED

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 6/11/2019 5:08:57 PM

Quant Time: Jun 08 03:30:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

25.842min (+0.101) 1.68ng/ul

response 129511

Ion	Exp%	Act%
278.00	100	100
139.00	26.50	24.67
279.00	28.20	31.56
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006177.D
 Acq On : 07 Jun 2019 21:03
 Operator : JU/SJ
 Sample : K3201-16
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC7

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:08:57 PM

Quant Time: Jun 08 03:32:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	4846	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	18477	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	10605	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	21917m >	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	16722m >	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	22912m >	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	8282	0.29	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	18189m >	0.31	ng/ul	0.00
Target Compounds						
					Qvalue	
3) Naphthalene	10.47	128	137100	2.689	ng/ul	99
5) 2-Methylnaphthalene	12.10	142	42503	1.196	ng/ul	100
7) Acenaphthylene	14.01	152	195573	3.318	ng/ul	100
8) Acenaphthene	14.36	153	126243	3.087	ng/ul	99
9) Fluorene	15.35	166	155753	3.255	ng/ul	97
12) Phenanthrene	17.09	178	2628644m >	37.363	ng/ul	
13) Anthracene	17.18	178	604565m >	8.998	ng/ul	
15) Fluoranthene	19.12	202	4191187m >	53.950	ng/ul	
17) Pyrene	19.49	202	3902448	44.305	ng/ul	97
18) Benzo(a)anthracene	21.25	228	2140183m >	28.937	ng/ul	
19) Chrysene	21.30	228	2175195	31.329	ng/ul	98
21) Benzo(b)fluoranthene	22.83	252	2633853m >	27.569	ng/ul	
22) Benzo(k)fluoranthene	22.87	252	1037496m >	11.149	ng/ul	
23) Benzo(a)pyrene	23.40	252	1969130m >	22.130	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.74	276	1247325	12.951	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.74	278	364833m >	4.738	ng/ul	
26) Benzo(g,h,i)perylene	26.42	276	1014747	12.580	ng/ul	94

Ju 06/10/19

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