

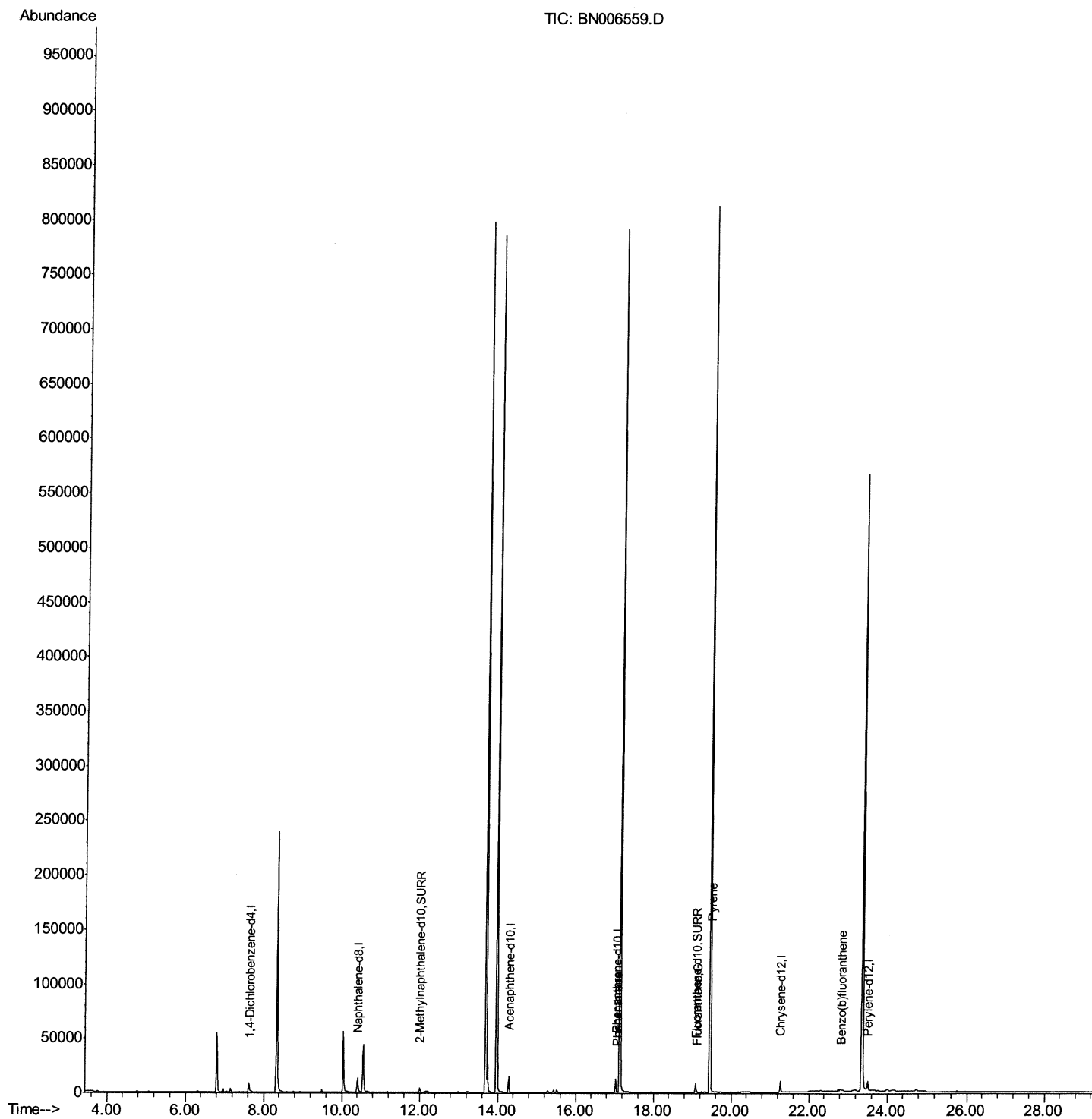
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006559.D
Acq On : 25 Jun 2019 07:34
Operator : HP/JU
Sample : K3388-06
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4217

Manual Integrations
APPROVED

mohammad
6/25/2019 10:21:34 PM

Quant Time: Jun 25 08:20:18 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 : Tue Jun 25 07:15:41 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

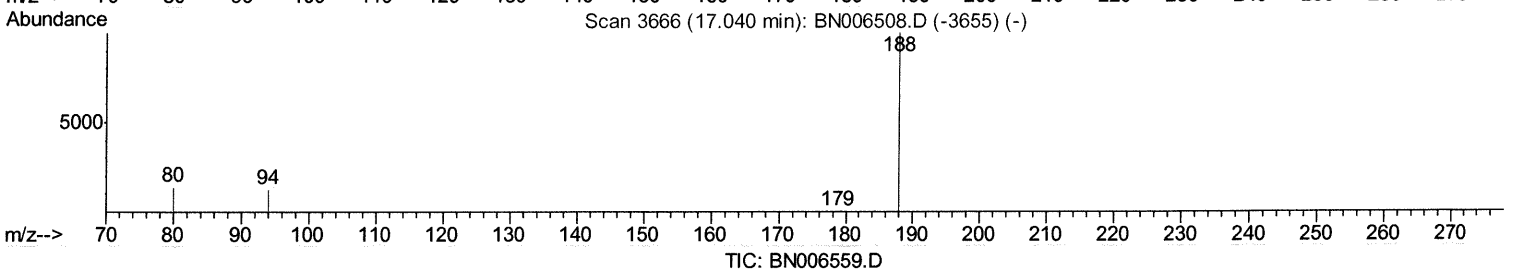
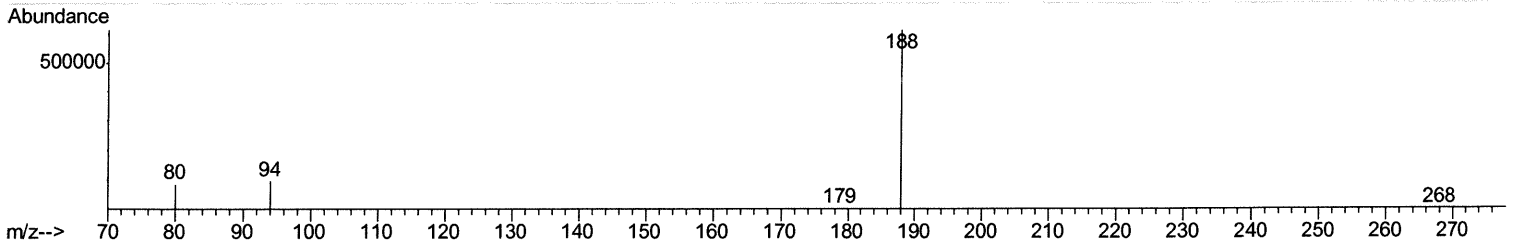
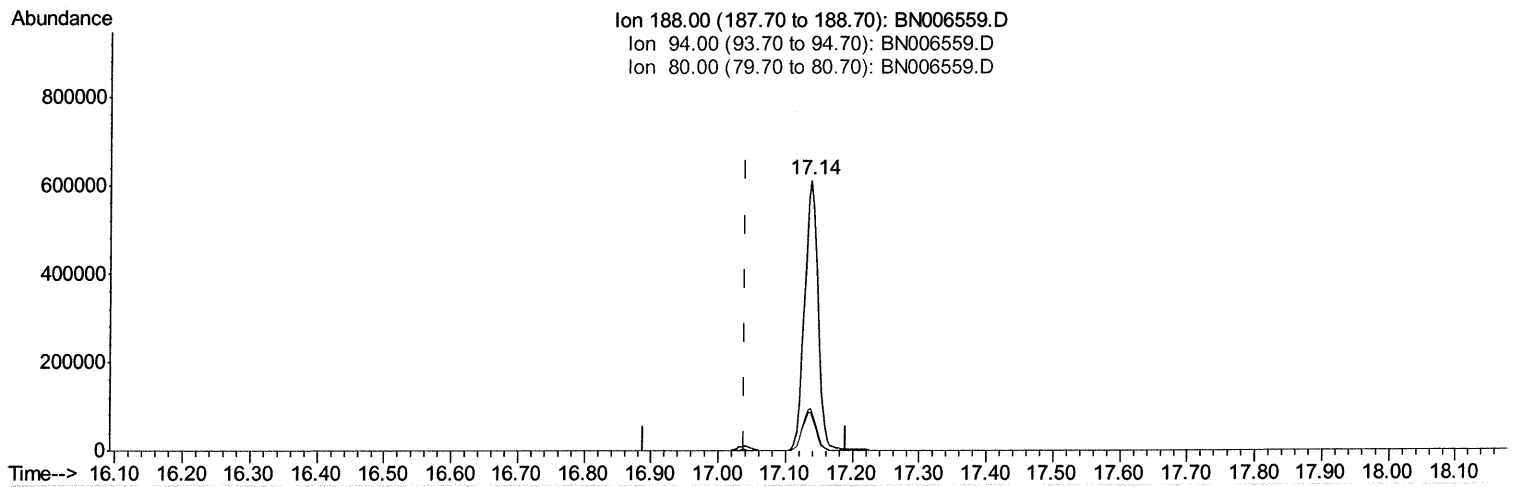
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006559.D
 Acq On : 25 Jun 2019 07:34
 Operator : HP/JU
 Sample : K3388-06
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4217

Manual Integrations
 APPROVED

mohammad
 6/25/2019 10:21:34 PM

Quant Time: Jun 25 08:16:45 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 : Tue Jun 25 07:15:41 2019
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)
 17.137min (+0.097) 0.40ng/ul
 response 871877

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	15.45
80.00	13.60	13.96
0.00	0.00	0.00

Quantitation Report (Qedit)

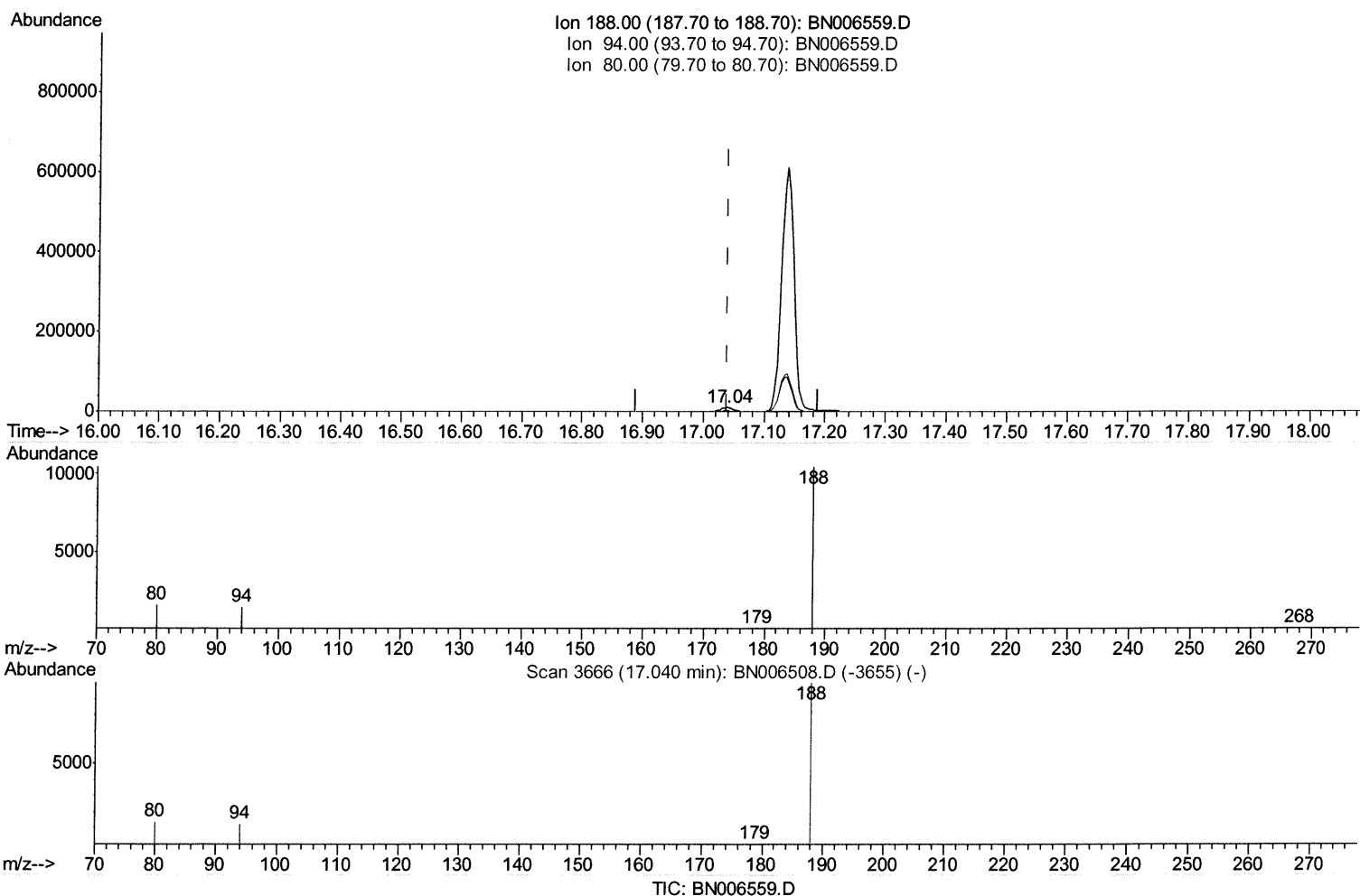
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006559.D
Acq On : 25 Jun 2019 07:34
Operator : HP/JU
Sample : K3388-06
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4217

Manual Integrations
APPROVED

mohammad
6/25/2019 10:21:34 PM

Quant Time: Jun 25 08:16:45 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 : Tue Jun 25 07:15:41 2019
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.040min (+0.000) 0.40ng/ul m *JU* 06/26/19

response 15124

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	13.63
80.00	13.60	15.11
0.00	0.00	0.00

Quantitation Report (Qedit)

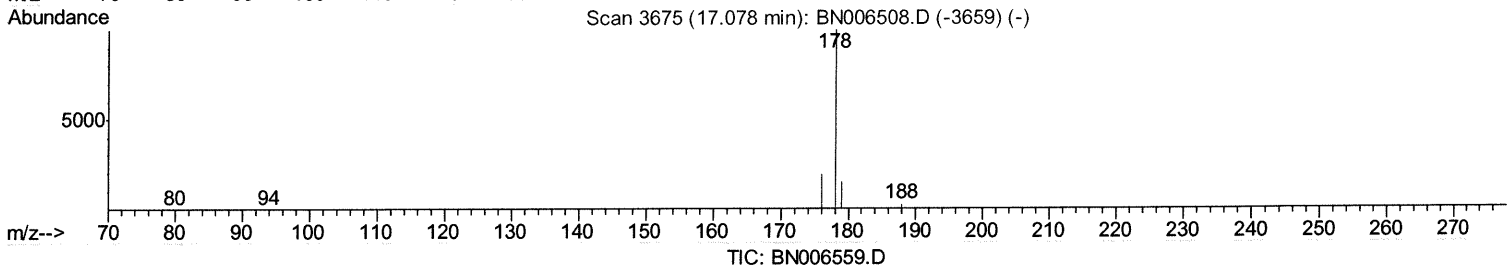
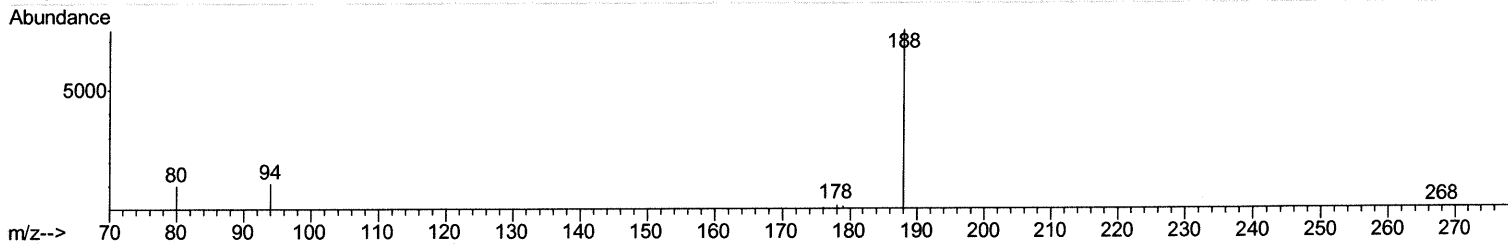
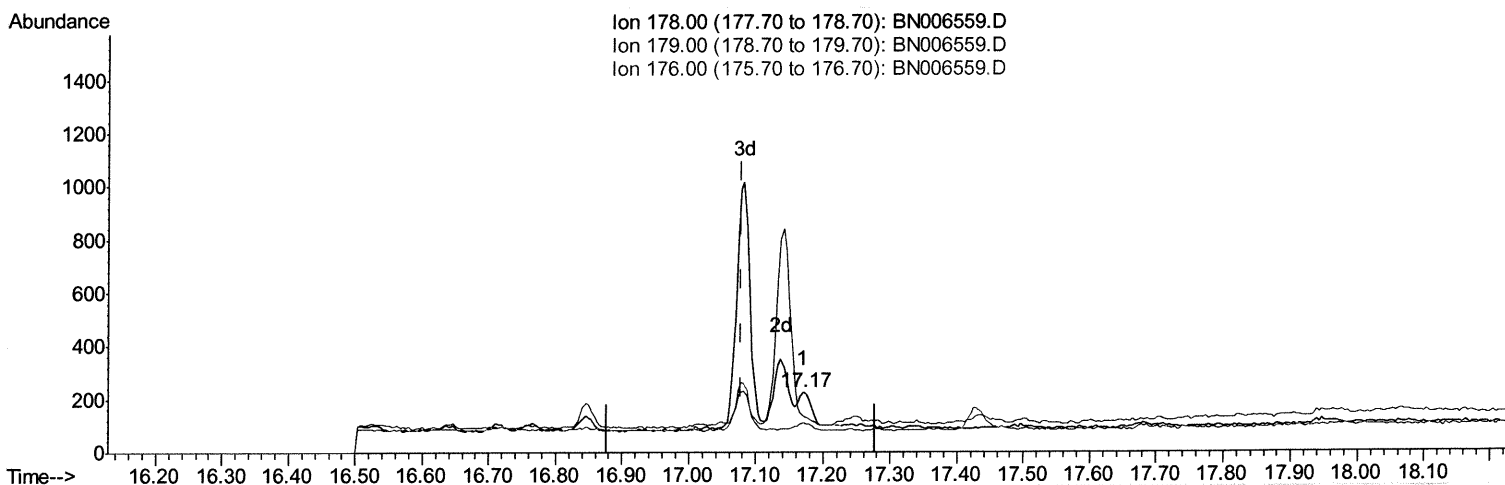
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006559.D
 Acq On : 25 Jun 2019 07:34
 Operator : HP/JU
 Sample : K3388-06
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4217

Manual Integrations
 APPROVED

mohammad
 6/25/2019 10:21:34 PM

Quant Time: Jun 25 08:17:11 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 : Tue Jun 25 07:15:41 2019
 Response via : Initial Calibration



(12) Phenanthrene

17.171min (+0.093) 0.00ng/ul

response 169

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	59.29#
176.00	19.10	48.23#
0.00	0.00	0.00

Quantitation Report (Qedit)

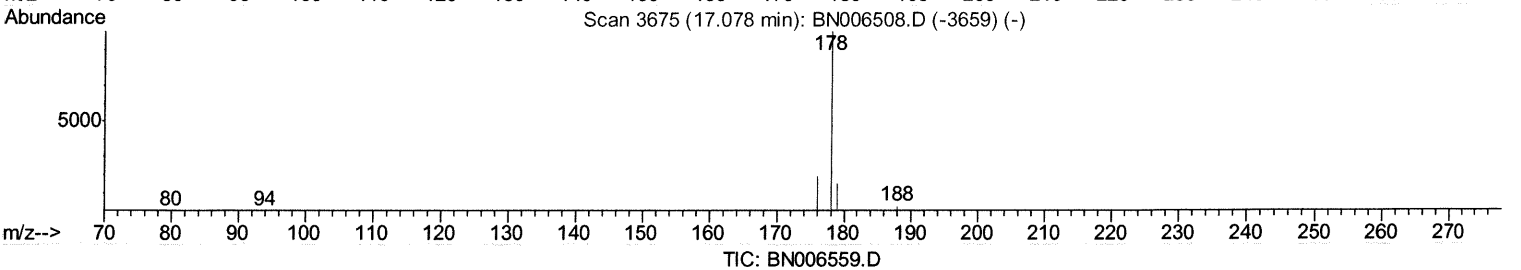
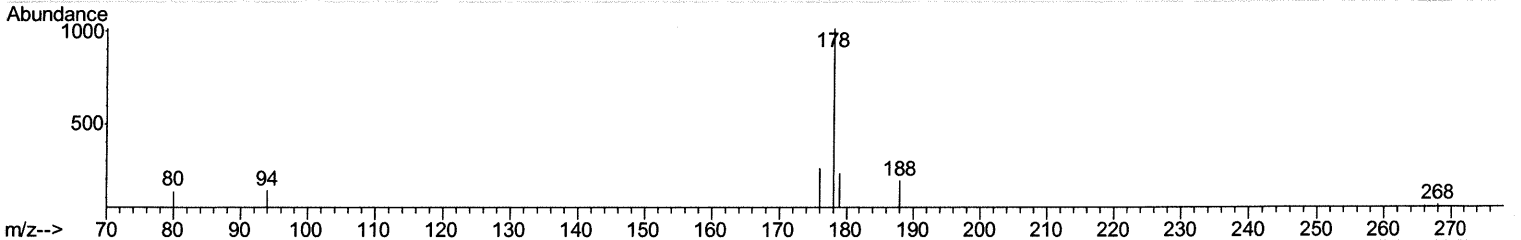
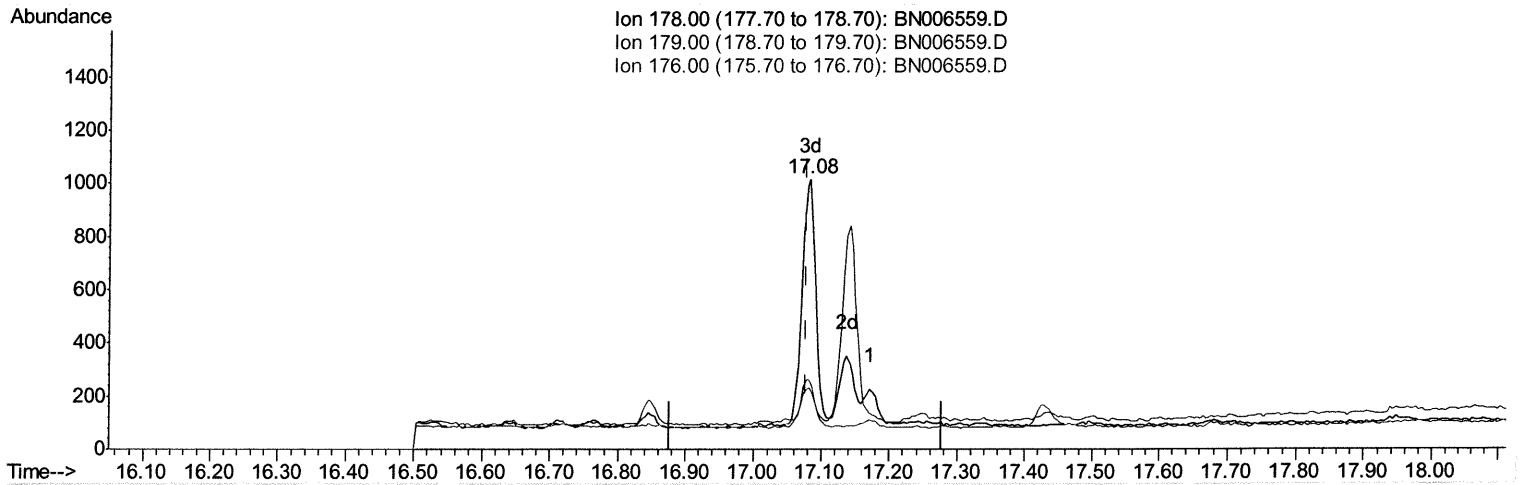
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006559.D
 Acq On : 25 Jun 2019 07:34
 Operator : HP/JU
 Sample : K3388-06
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4217

Manual Integrations
 APPROVED

mohammad
 6/25/2019 10:21:34 PM

Quant Time: Jun 25 08:17:11 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 : Tue Jun 25 07:15:41 2019
 Response via : Initial Calibration



(12) Phenanthrene

17.082min (+0.004) 0.03ng/ul m *JU 06/26/19*

response 1283

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	22.86#
176.00	19.10	25.32#
0.00	0.00	0.00

Quantitation Report (Qedit)

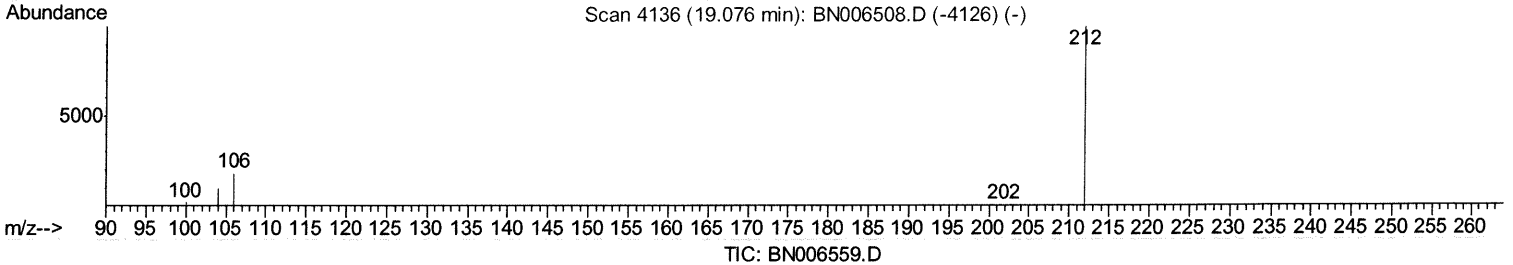
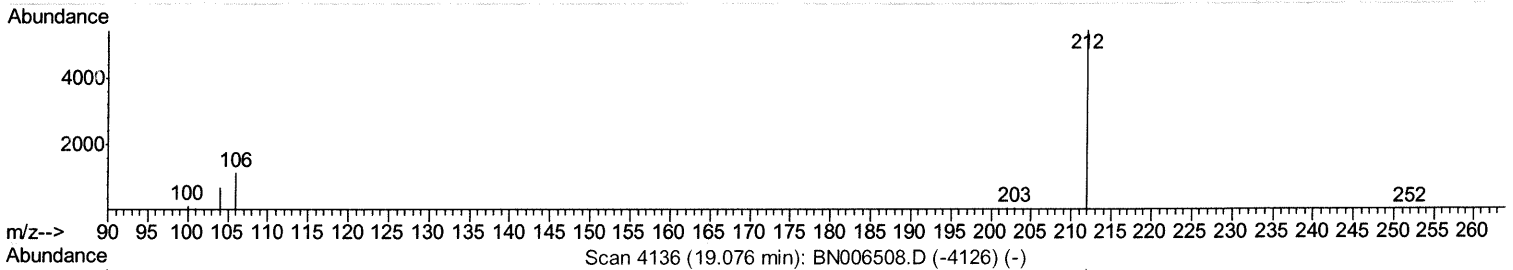
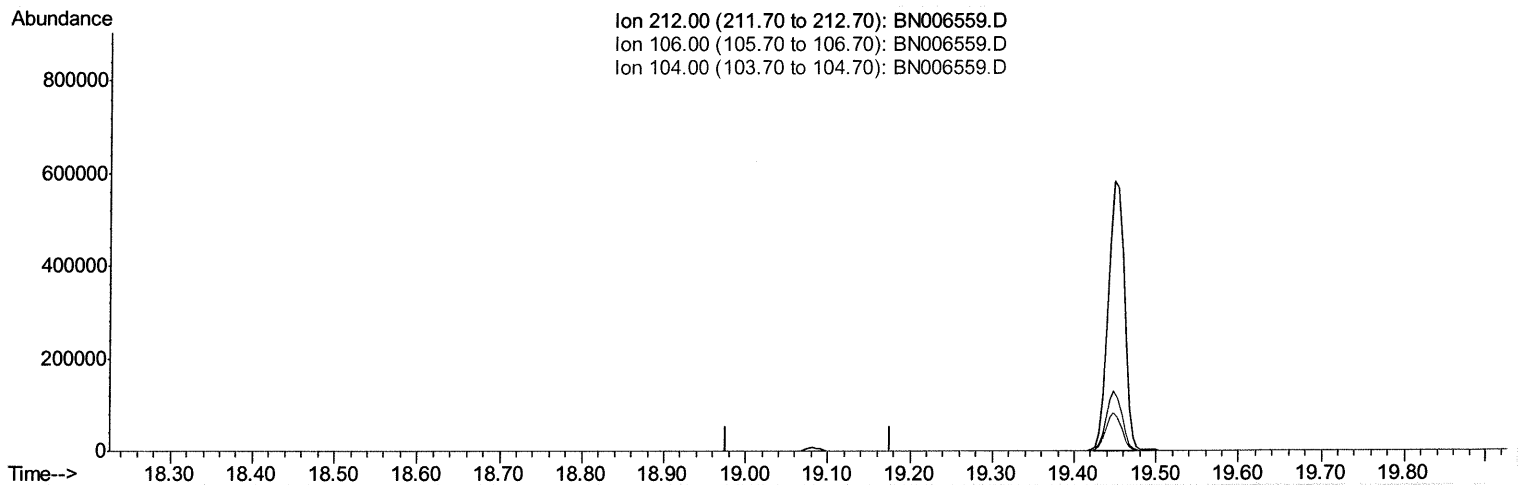
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006559.D
 Acq On : 25 Jun 2019 07:34
 Operator : HP/JU
 Sample : K3388-06
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4217

Manual Integrations
 APPROVED

mohammad
 6/25/2019 10:21:34 PM

Quant Time: Jun 25 08:17:11 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 : Tue Jun 25 07:15:41 2019
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.076min (-19.076) 0.00ng/ul

response 0

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

Quantitation Report (Qedit)

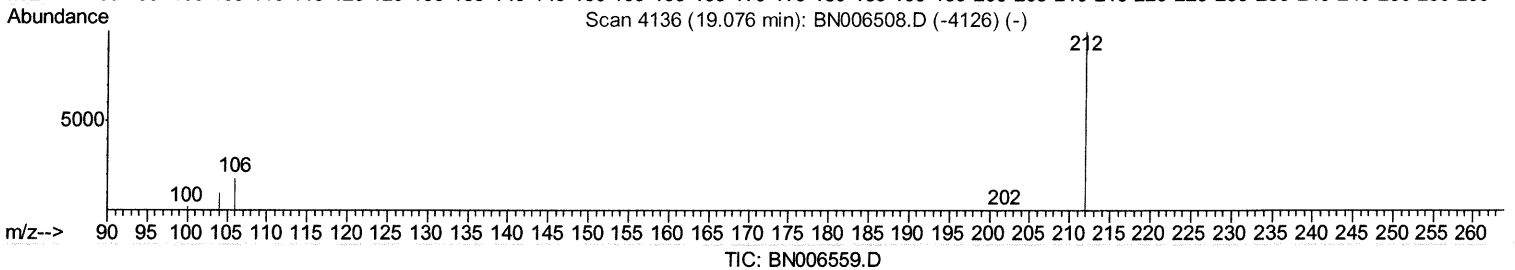
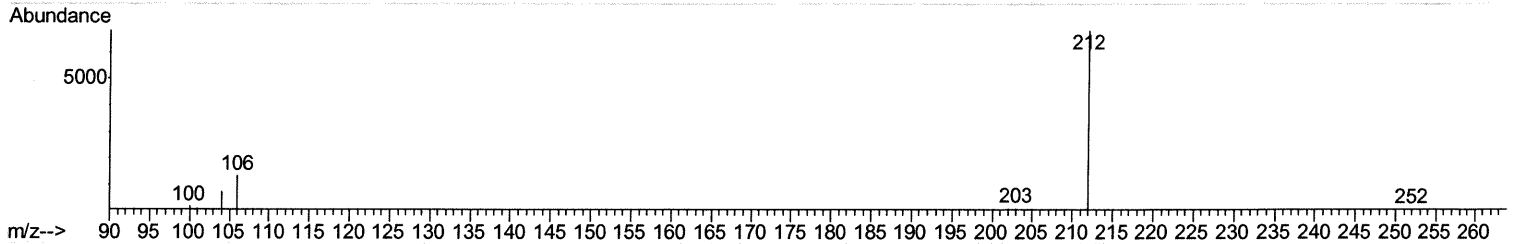
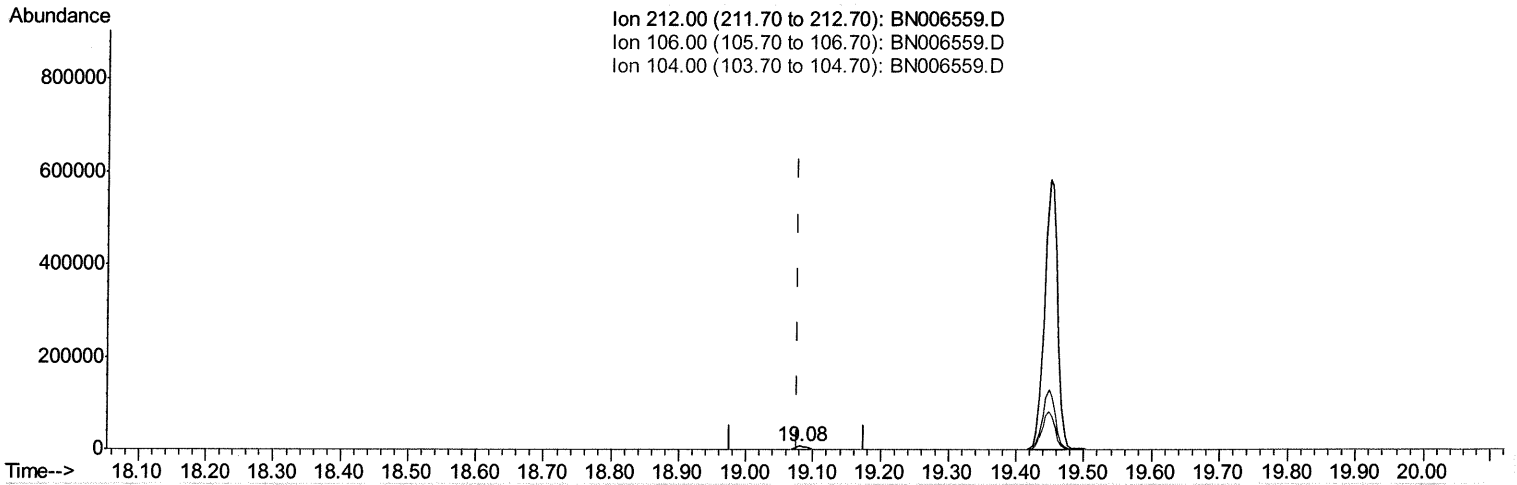
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006559.D
 Acq On : 25 Jun 2019 07:34
 Operator : HP/JU
 Sample : K3388-06
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 A4217

Manual Integrations
 APPROVED

mohammad
 6/25/2019 10:21:34 PM

Quant Time: Jun 25 08:17:11 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 : Tue Jun 25 07:15:41 2019
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.081min (+0.005) 0.23ng/ul m *JU 06/26/19*

response 9375

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

Quantitation Report (Qedit)

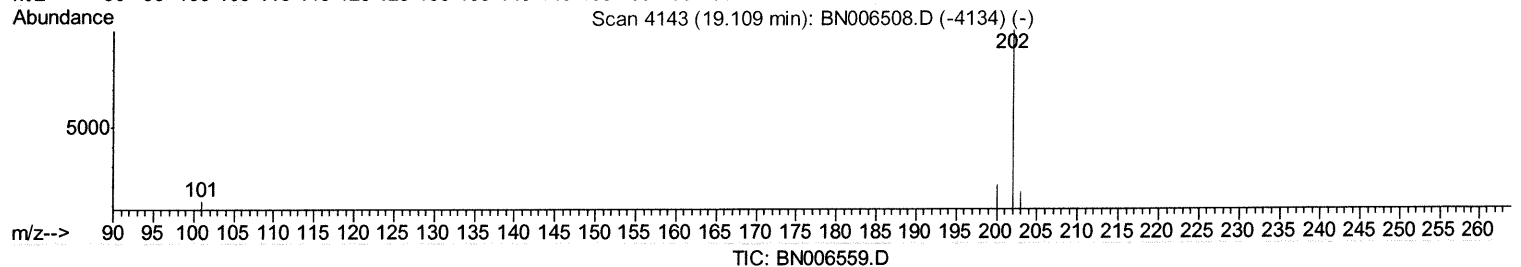
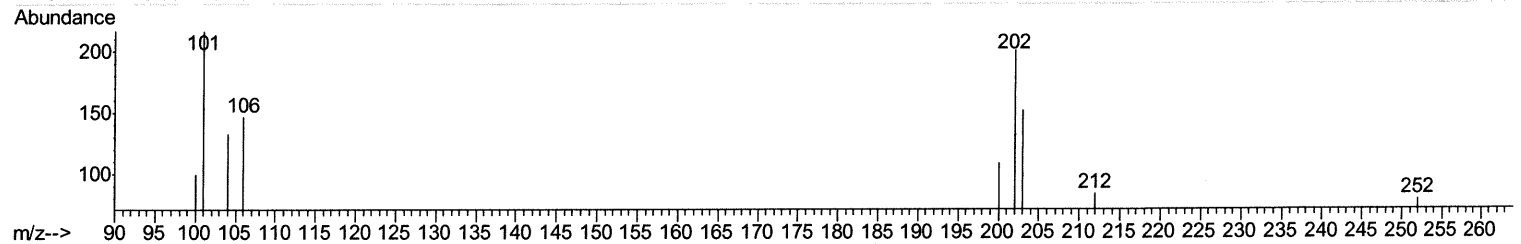
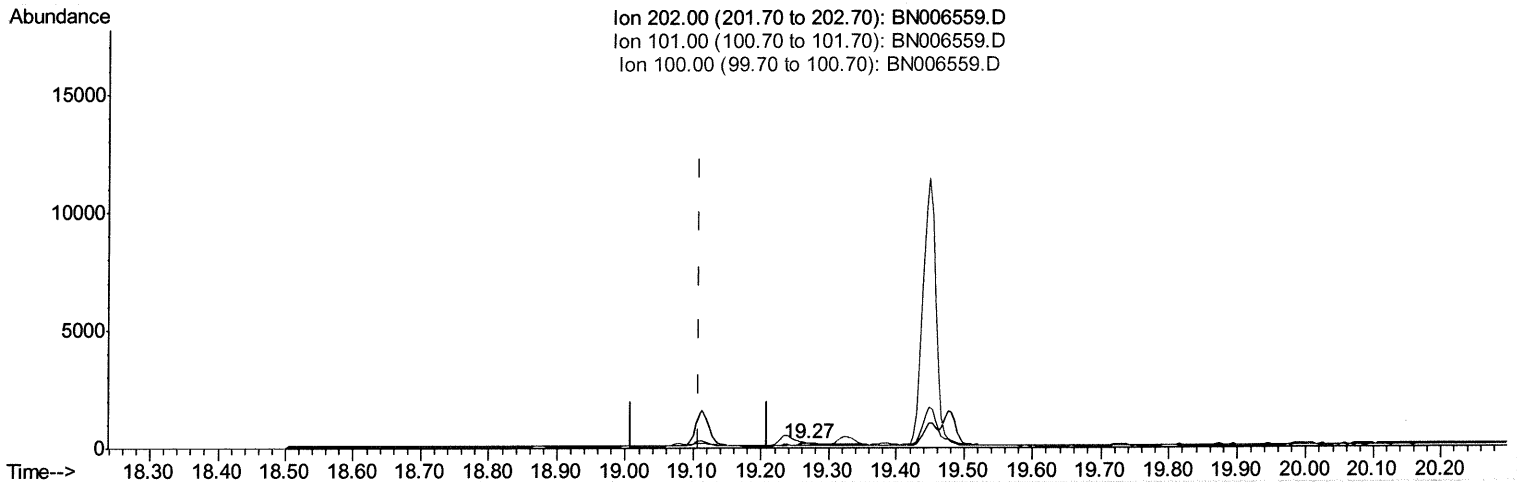
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006559.D
 Acq On : 25 Jun 2019 07:34
 Operator : HP/JU
 Sample : K3388-06
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4217

Manual Integrations
 APPROVED

mohammad
 6/25/2019 10:21:34 PM

Quant Time: Jun 25 08:17:11 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 : Tue Jun 25 07:15:41 2019
 Response via : Initial Calibration



(15) Fluoranthene (C)

19.267min (+0.158) 0.00ng/ul

response 141

Ion	Exp%	Act%
202.00	100	100
101.00	12.10	107.96#
100.00	8.70	49.75#
0.00	0.00	0.00

Quantitation Report (Qedit)

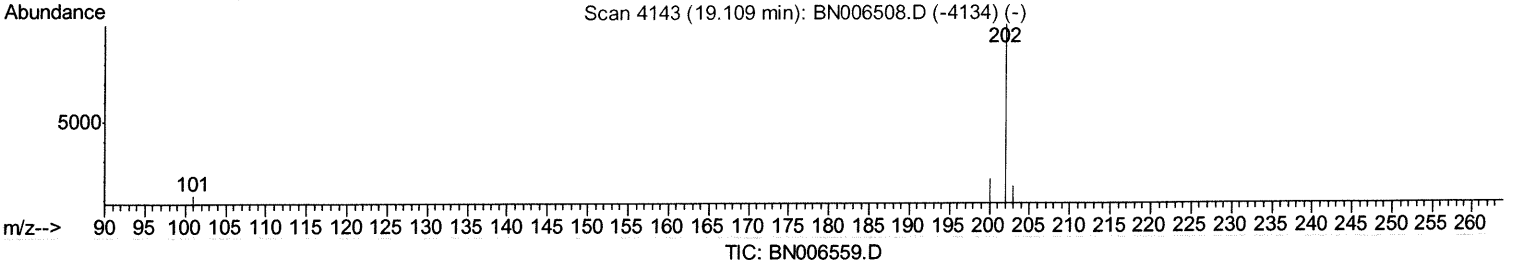
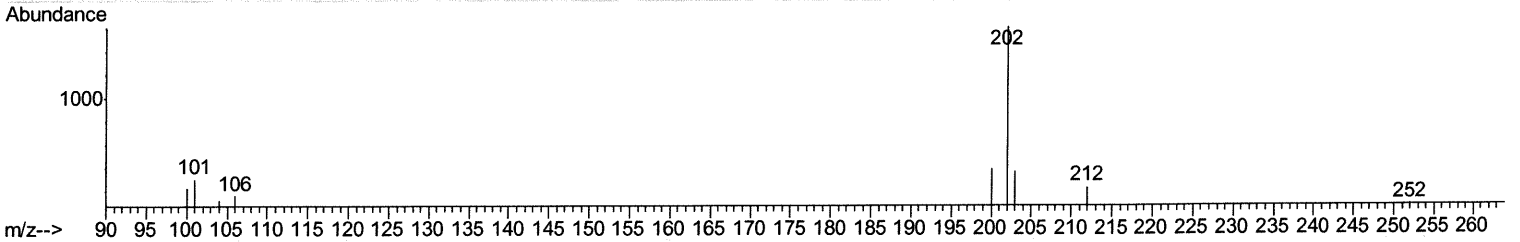
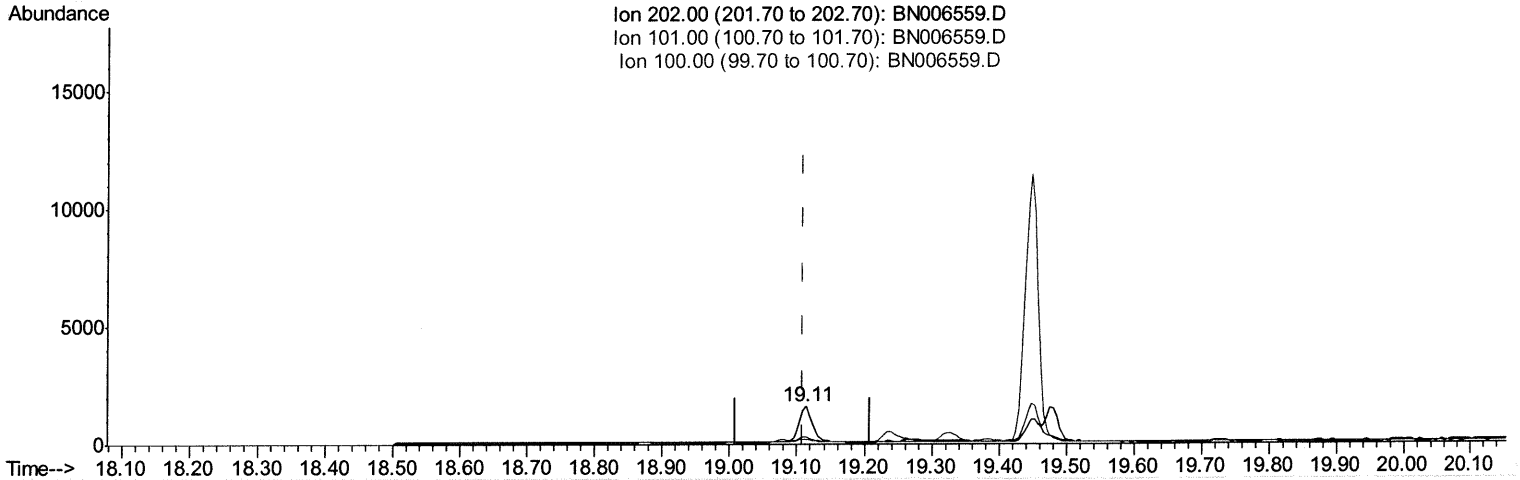
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006559.D
 Acq On : 25 Jun 2019 07:34
 Operator : HP/JU
 Sample : K3388-06
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4217

Manual Integrations
 APPROVED

mohammad
 6/25/2019 10:21:34 PM

Quant Time: Jun 25 08:17:11 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 : Tue Jun 25 07:15:41 2019
 Response via : Initial Calibration



(15) Fluoranthene (C)

19.113min (+0.005) 0.04ng/ul m ⁵⁰06/26/19

response 2016

Ion	Exp%	Act%
202.00	100	100
101.00	12.10	18.93
100.00	8.70	14.07
0.00	0.00	0.00

Quantitation Report (Qedit)

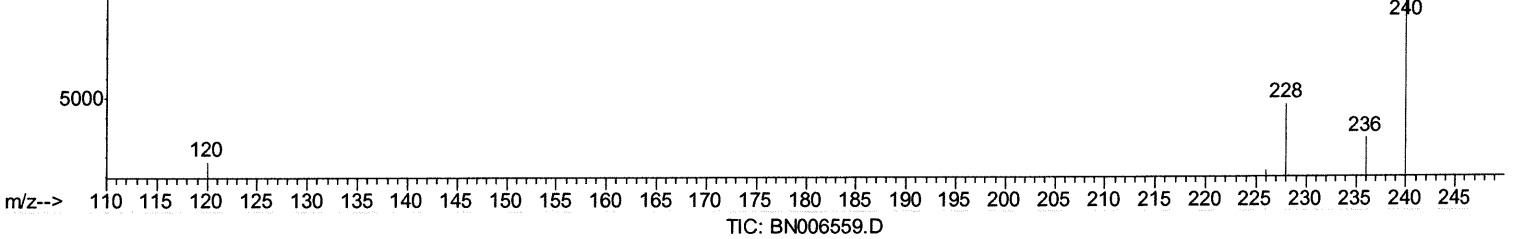
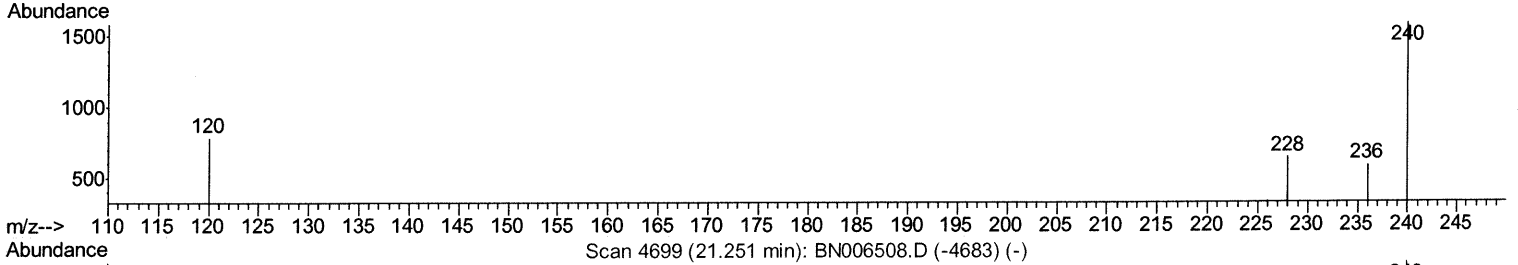
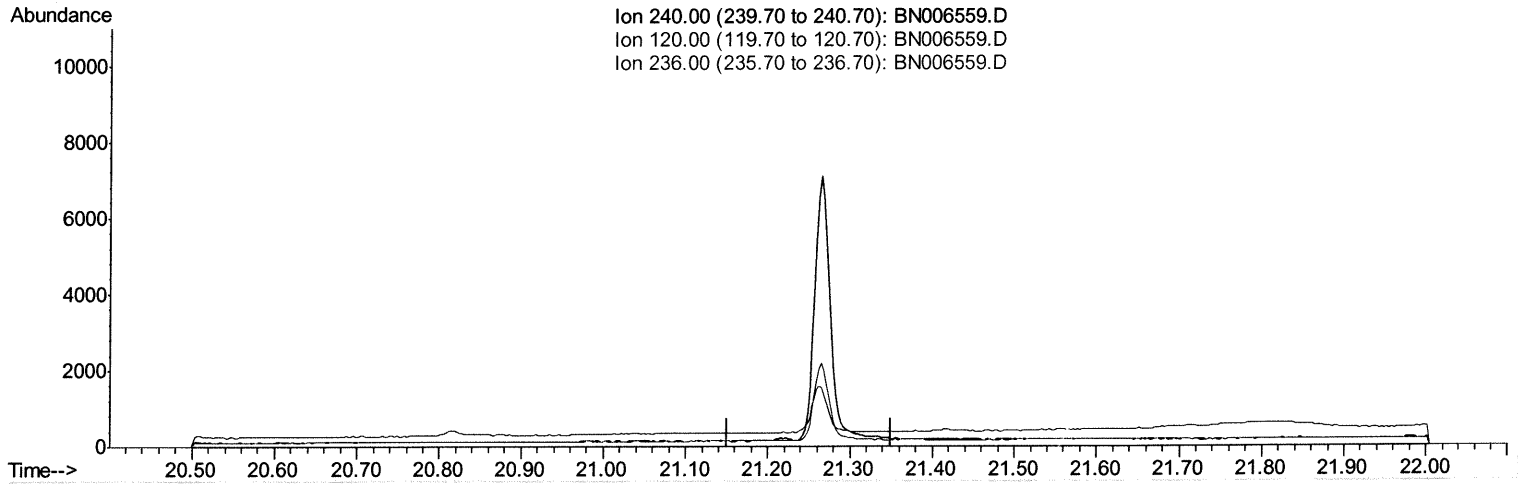
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006559.D
 Acq On : 25 Jun 2019 07:34
 Operator : HP/JU
 Sample : K3388-06
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4217

Manual Integrations
 APPROVED

mohammad
 6/25/2019 10:21:34 PM

Quant Time: Jun 25 08:17:11 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 : Tue Jun 25 07:15:41 2019
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.251min (-21.251) 0.00ng/ul

response 0

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

Quantitation Report (Qedit)

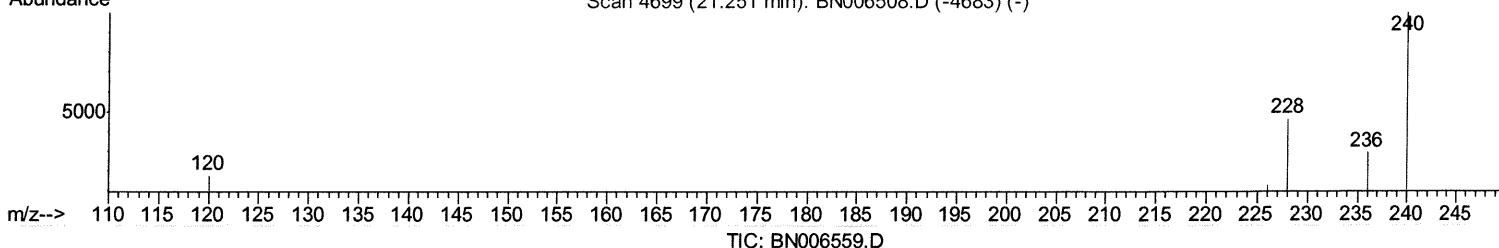
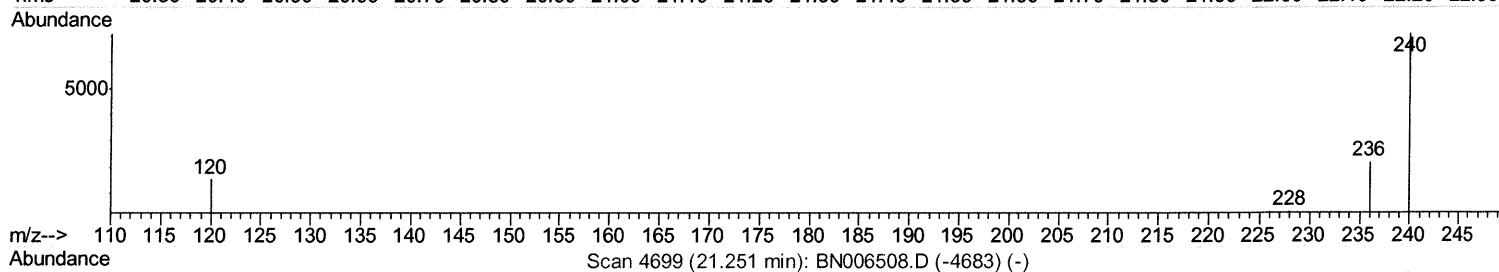
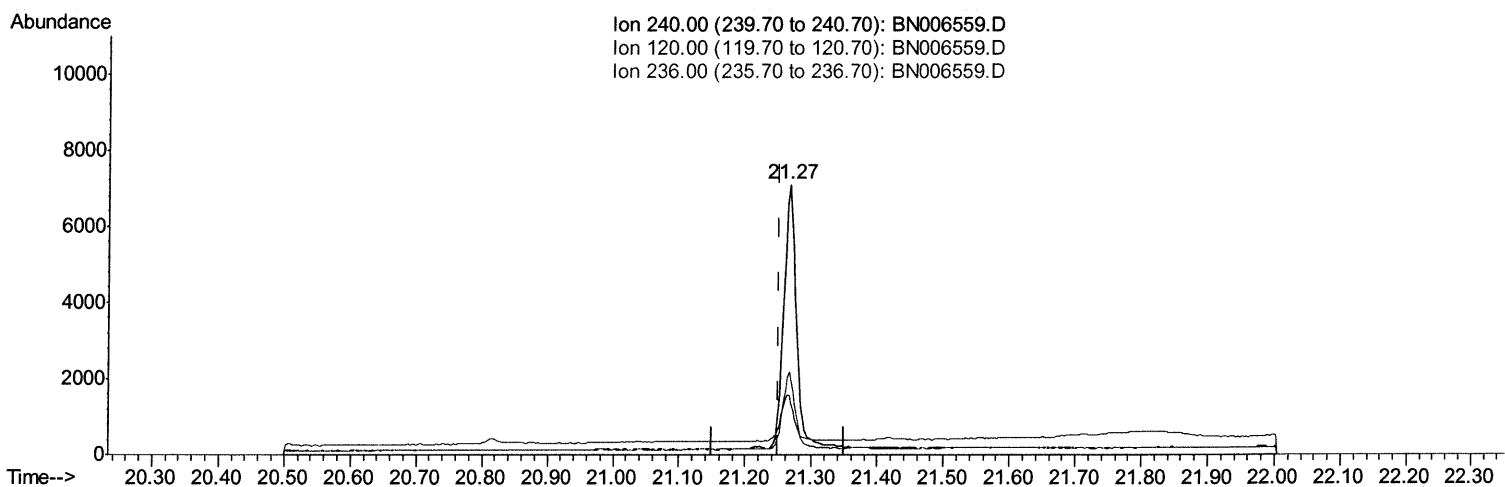
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006559.D
 Acq On : 25 Jun 2019 07:34
 Operator : HP/JU
 Sample : K3388-06
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4217

Manual Integrations
 APPROVED

mohammad
 6/25/2019 10:21:34 PM

Quant Time: Jun 25 08:17:11 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 : Tue Jun 25 07:15:41 2019
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.265min (+0.015) 0.40ng/ul m *JU 06/26/19*

response 9308

Ion	Exp%	Act%
240.00	100	100
120.00	20.10	21.87
236.00	30.10	30.84
0.00	0.00	0.00

Quantitation Report (Qedit)

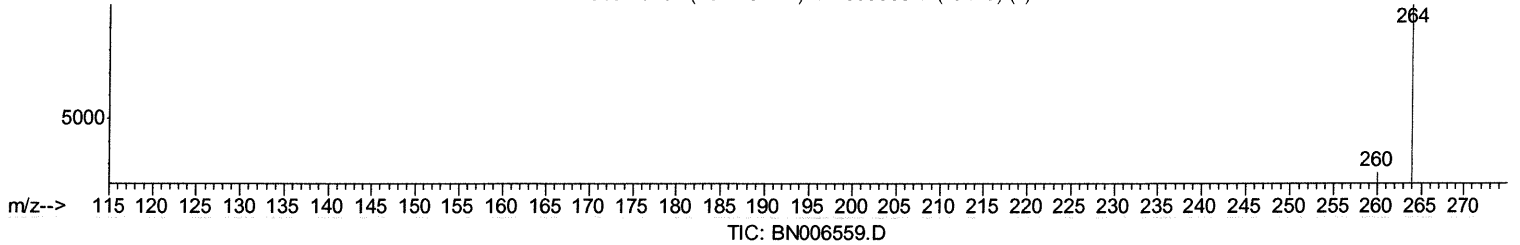
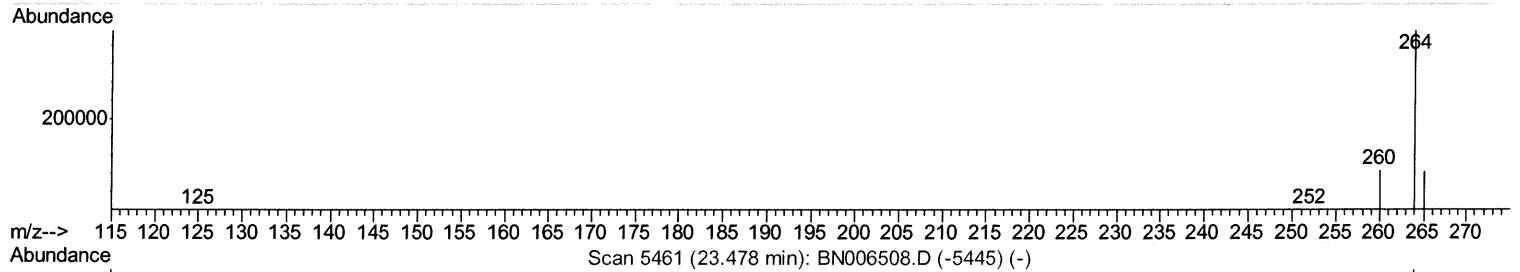
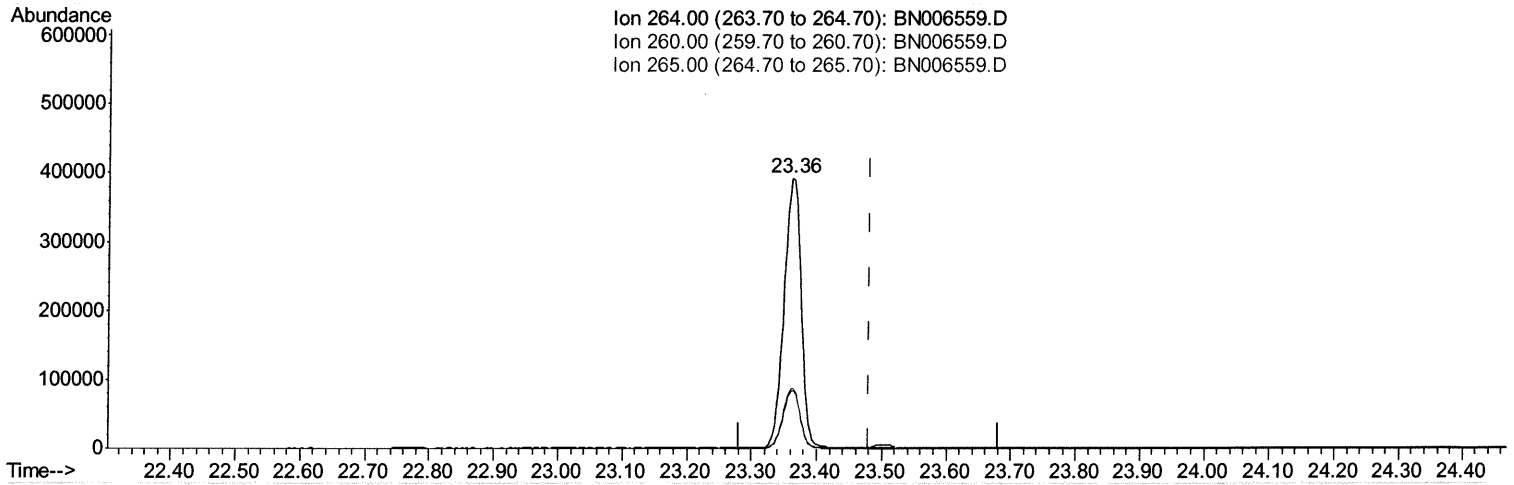
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006559.D
 Acq On : 25 Jun 2019 07:34
 Operator : HP/JU
 Sample : K3388-06
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4217

Manual Integrations
 APPROVED

mohammad
 6/25/2019 10:21:34 PM

Quant Time: Jun 25 08:19:06 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 : Tue Jun 25 07:15:41 2019
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.361min (-0.120) 0.40ng/ul

response 718382

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	22.39#
265.00	44.70	21.49#
0.00	0.00	0.00

Quantitation Report (Qedit)

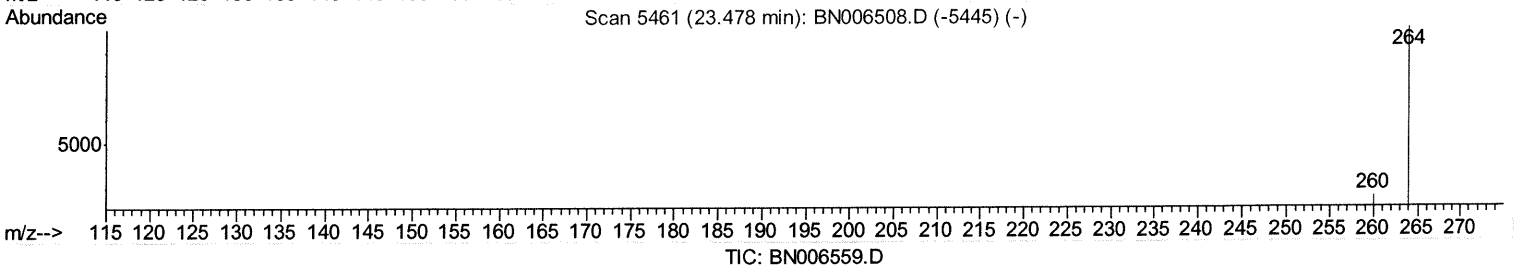
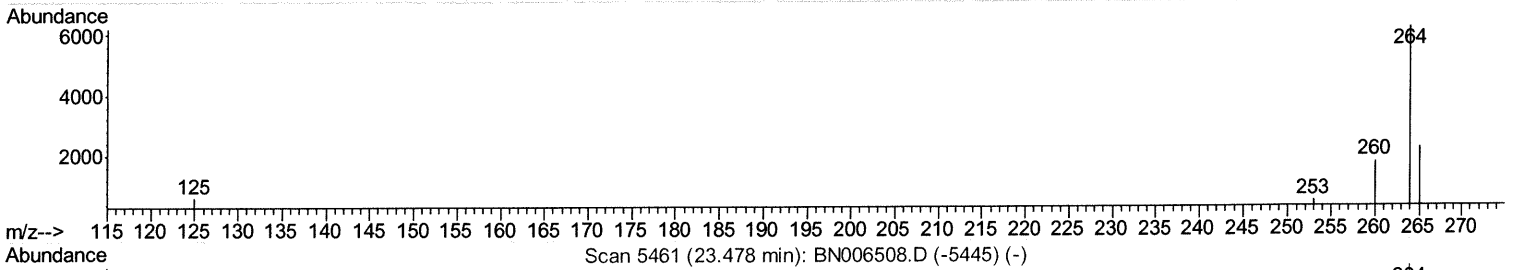
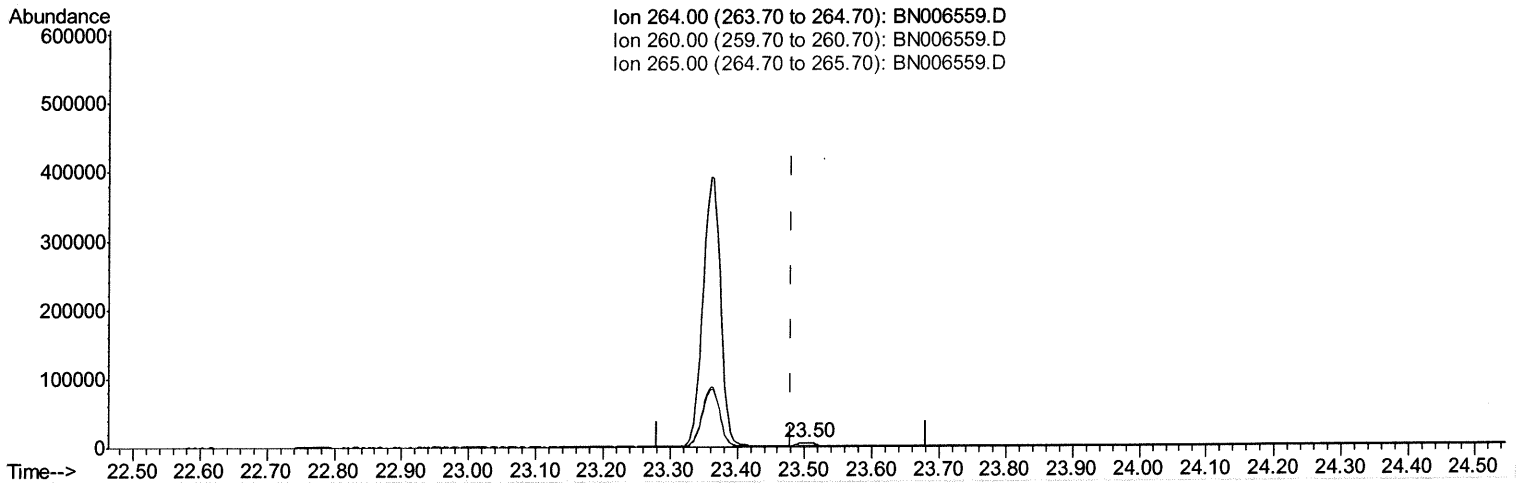
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006559.D
 Acq On : 25 Jun 2019 07:34
 Operator : HP/JU
 Sample : K3388-06
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4217

Manual Integrations
 APPROVED

mohammad
 6/25/2019 10:21:34 PM

Quant Time: Jun 25 08:19:06 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 : Tue Jun 25 07:15:41 2019
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.504min (+0.023) 0.40ng/ul m

JU
 06/26/19

response 9857

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	28.73
265.00	44.70	36.43
0.00	0.00	0.00

Quantitation Report (Qedit)

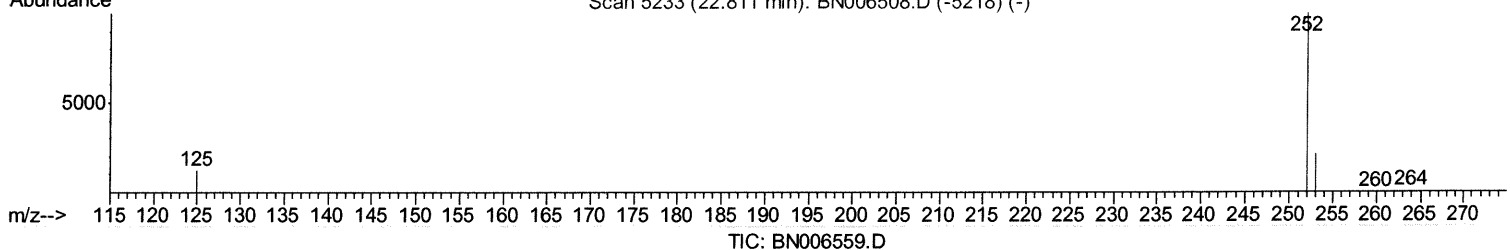
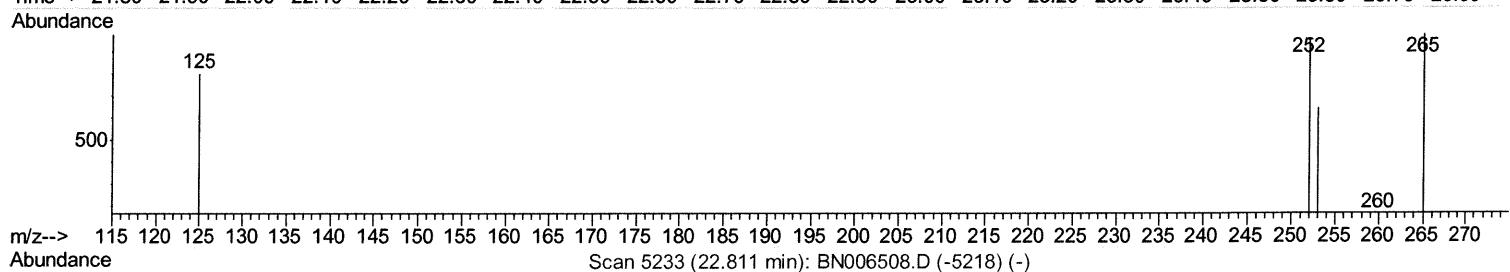
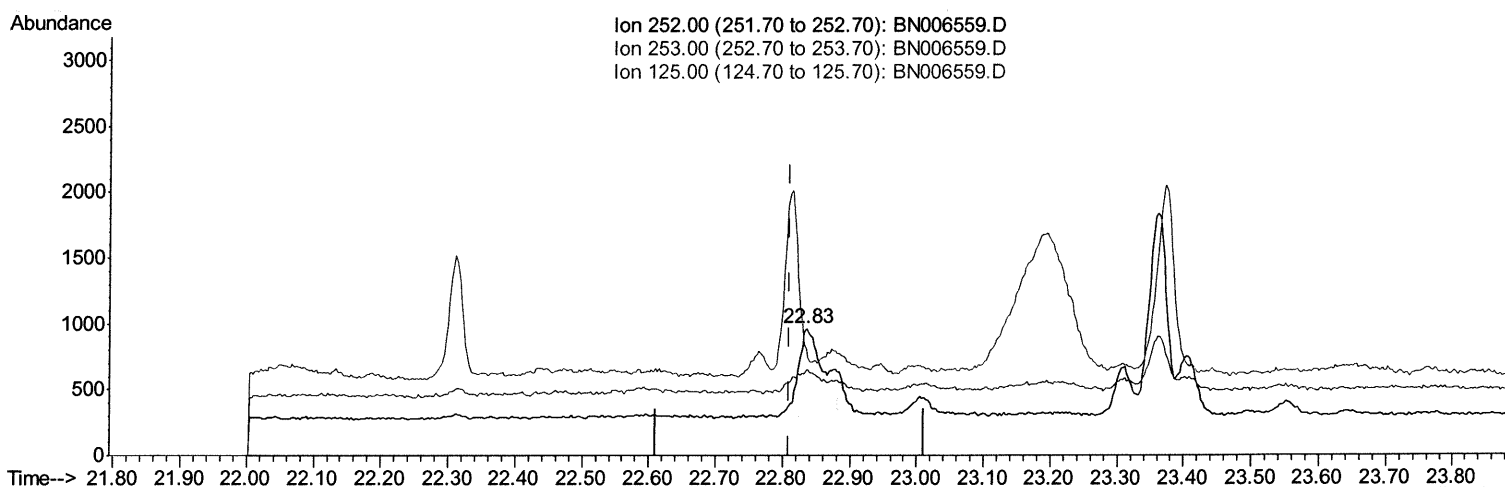
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006559.D
Acq On : 25 Jun 2019 07:34
Operator : HP/JU
Sample : K3388-06
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4217

Manual Integrations
APPROVED

mohammad
6/25/2019 10:21:34 PM

Quant Time: Jun 25 08:19:43 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 : Tue Jun 25 07:15:41 2019
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.835min (+0.023) 0.05ng/ul

response 1855

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	66.81#
125.00	20.50	83.35#
0.00	0.00	0.00

Quantitation Report (Qedit)

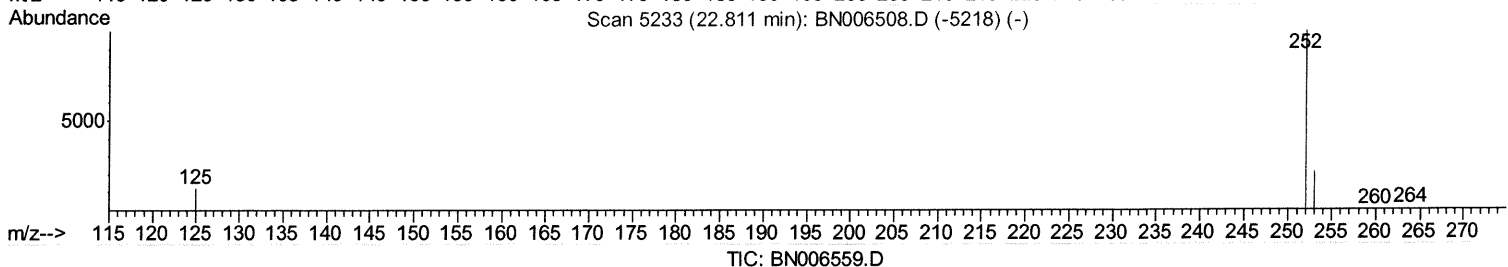
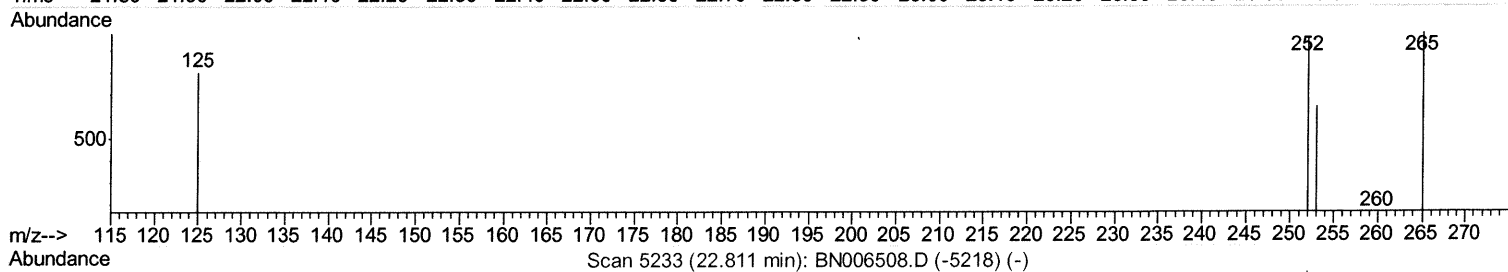
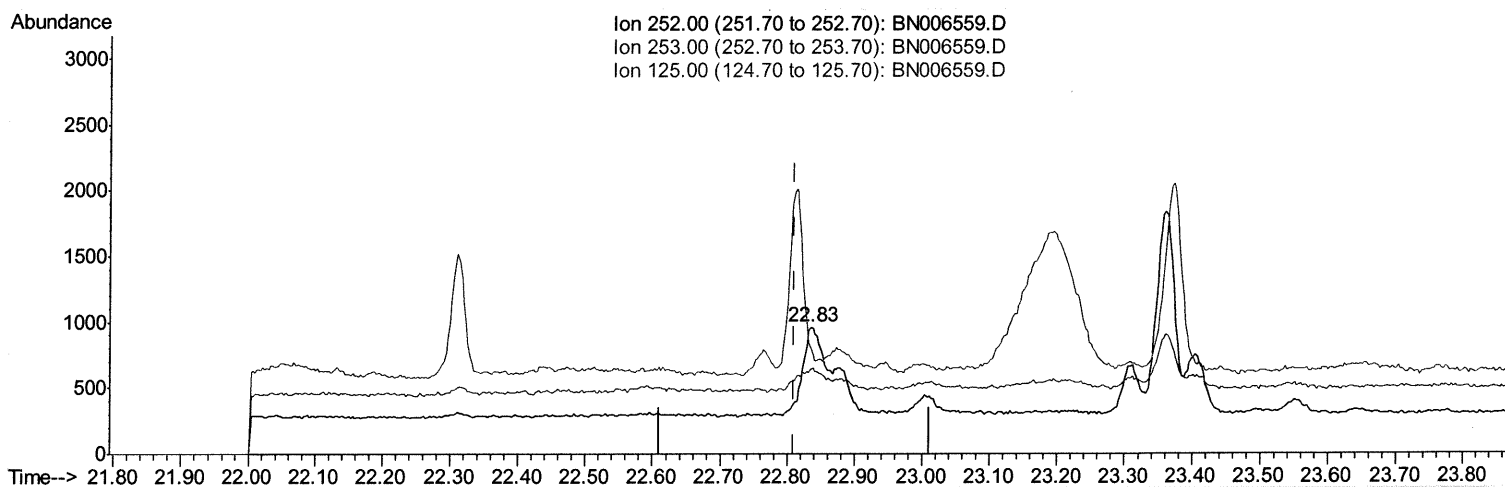
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006559.D
Acq On : 25 Jun 2019 07:34
Operator : HP/JU
Sample : K3388-06
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4217

Manual Integrations
APPROVED

mohammad
6/25/2019 10:21:34 PM

Quant Time: Jun 25 08:19:43 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 : Tue Jun 25 07:15:41 2019
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.835min (+0.023) 0.04ng/ul m

response 1564

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	66.81#
125.00	20.50	83.35#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006559.D
 Acq On : 25 Jun 2019 07:34
 Operator : HP/JU
 Sample : K3388-06
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4217

Manual Integrations
 APPROVED

mohammad
 6/25/2019 10:21:34 PM

Quant Time: Jun 25 08:20:18 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 : Tue Jun 25 07:15:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	4964	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	18187	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	8592	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	15124m >	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	9308m >	0.40	ng/ul	0.01
20) Perylene-d12	23.50	264	9857m >	0.40	ng/ul	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.01	152	6175	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	9375m >	0.23	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) Phenanthrene	17.08	178	1283m >	0.026	ng/ul	
15) Fluoranthene	19.11	202	2016m >	0.038	ng/ul	
17) Pyrene	19.48	202	1892	0.039	ng/ul#	77
21) Benzo(b)fluoranthene	22.83	252	1564m >	0.038	ng/ul	

JU 06/26/19

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