

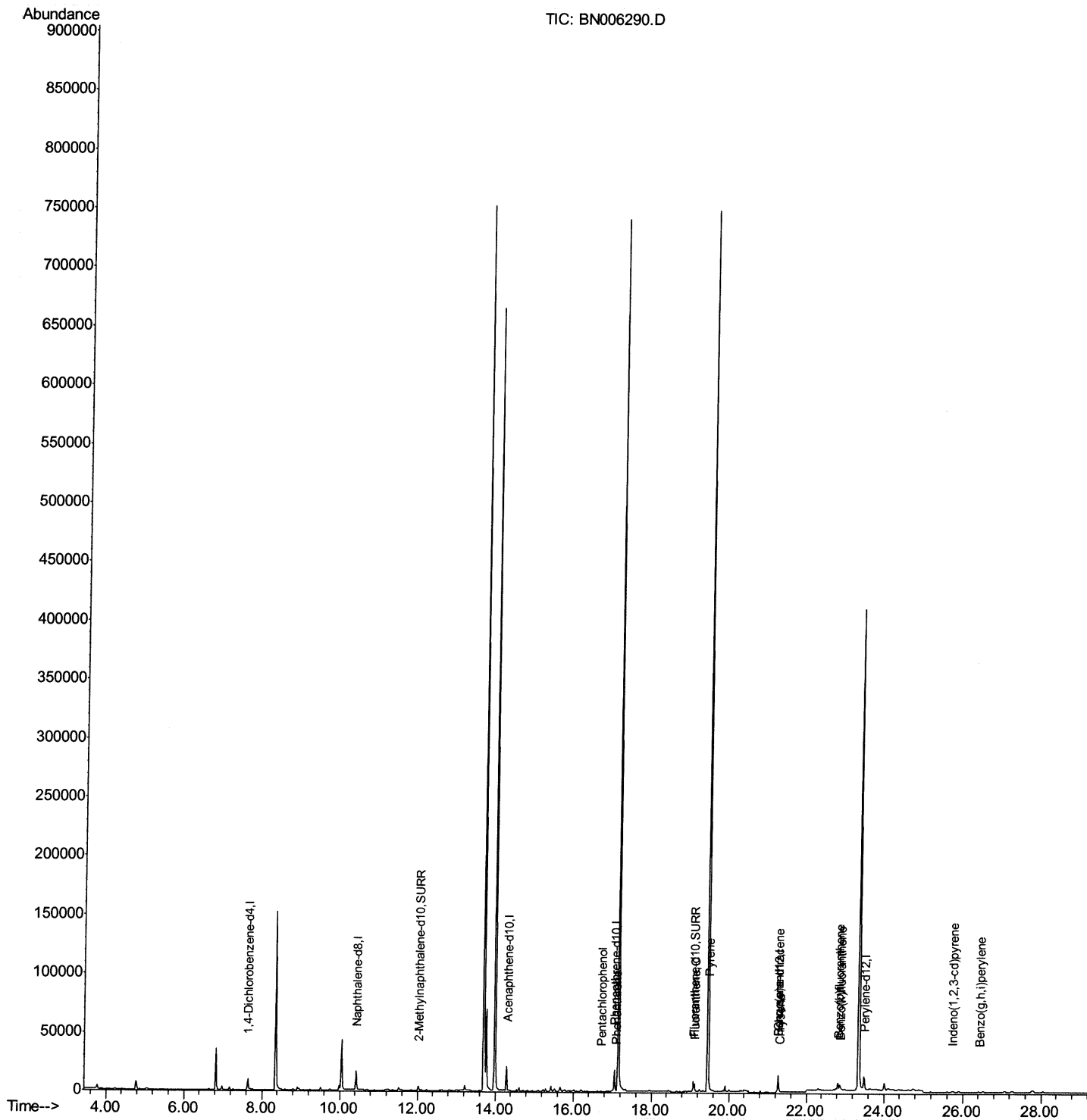
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
Data File : BN006290.D
Acq On : 12 Jun 2019 20:46
Operator : JU/SJ
Sample : K3231-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DB8L8

Manual Integrations
APPROVED

mohammad
6/14/2019 8:34:10 AM

Quant Time: Jun 13 02:49:25 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 : Wed Jun 12 17:24:11 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

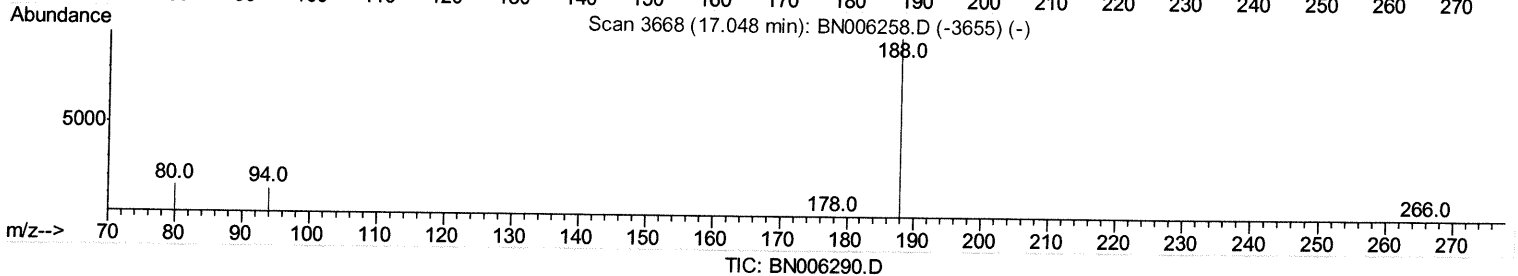
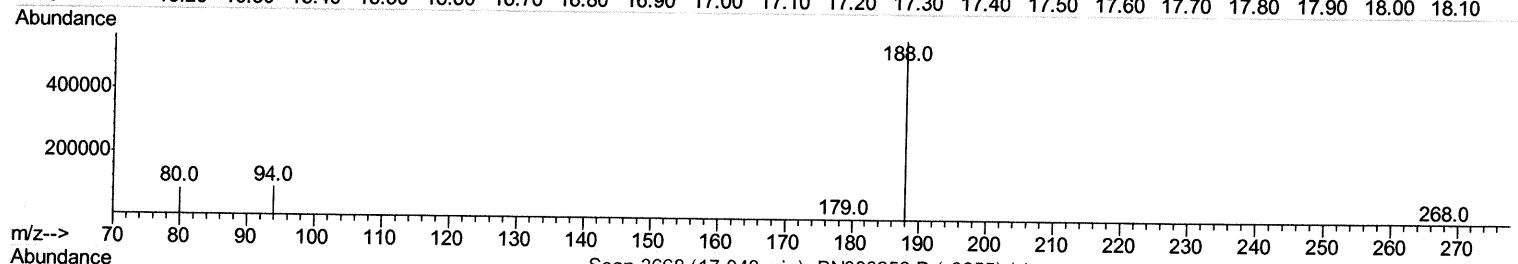
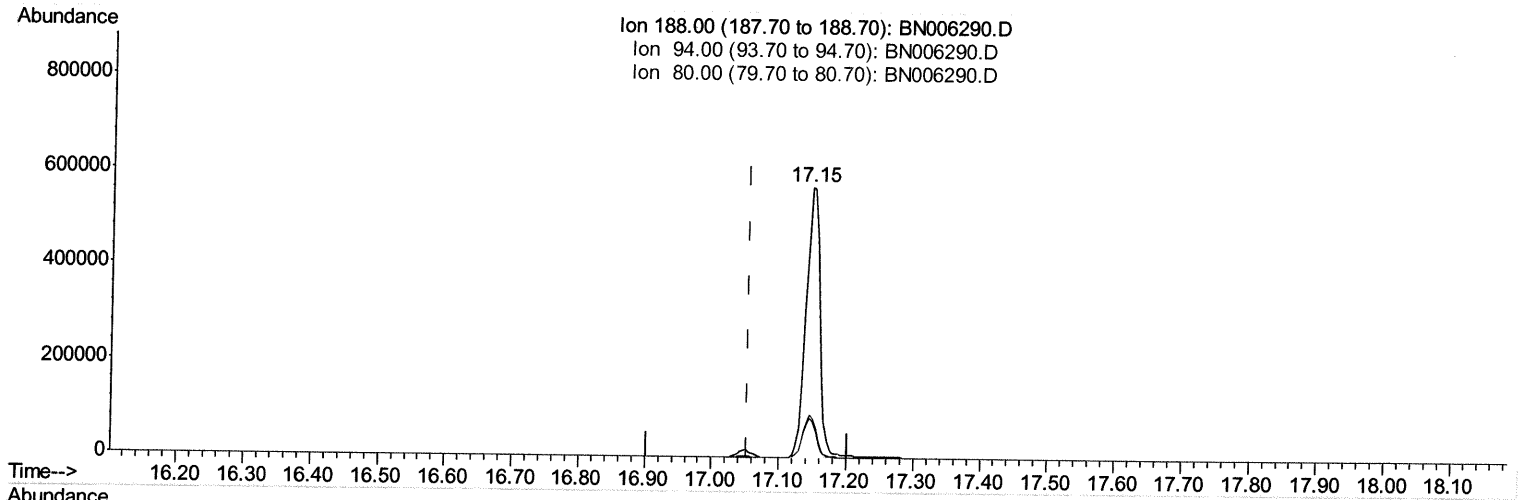
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
 Data File : BN006290.D
 Acq On : 12 Jun 2019 20:46
 Operator : JU/SJ
 Sample : K3231-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB8L8

Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:34:10 AM

Quant Time: Jun 13 01:22:30 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 : Wed Jun 12 17:24:11 2019
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)
 17.145min (+0.092) 0.40ng/ul
 response 819273

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	15.73#
80.00	13.60	14.45
0.00	0.00	0.00

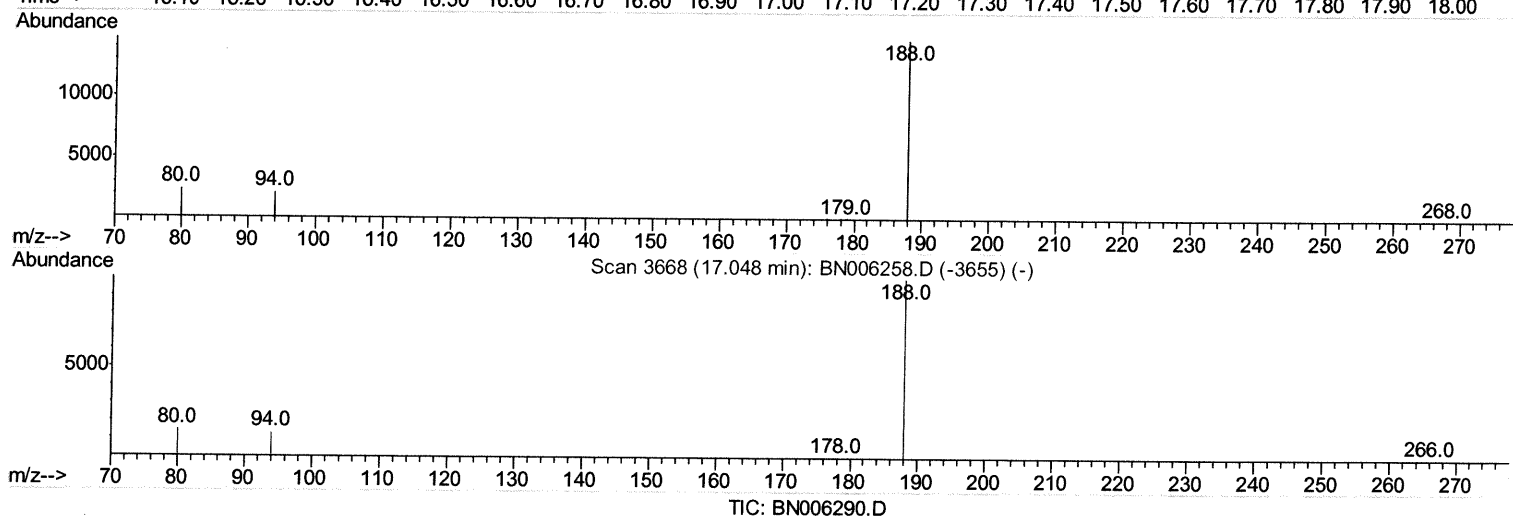
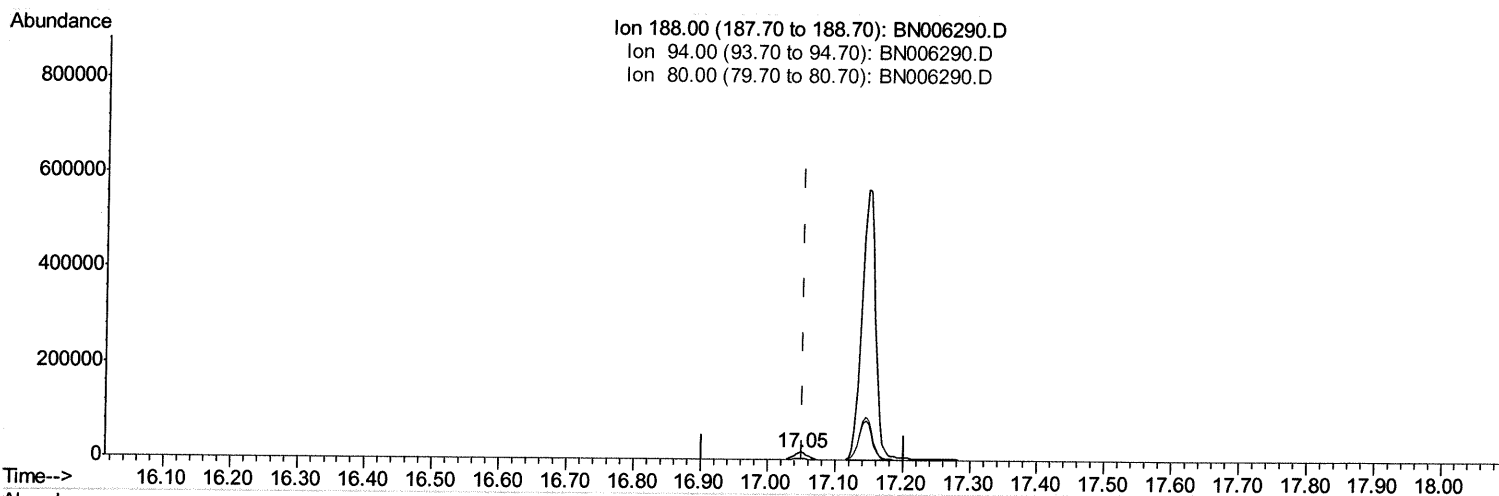
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
Data File : BN006290.D
Acq On : 12 Jun 2019 20:46
Operator : JU/SJ
Sample : K3231-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
DB8L8

Manual Integrations
APPROVED

mohammad
6/14/2019 8:34:10 AM

Quant Time: Jun 13 01:22:30 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 : Wed Jun 12 17:24:11 2019
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.048min (-0.005) 0.40ng/ul m

JU
06/13/19

response 21675

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	14.09
80.00	13.60	16.14
0.00	0.00	0.00

Quantitation Report (Qedit)

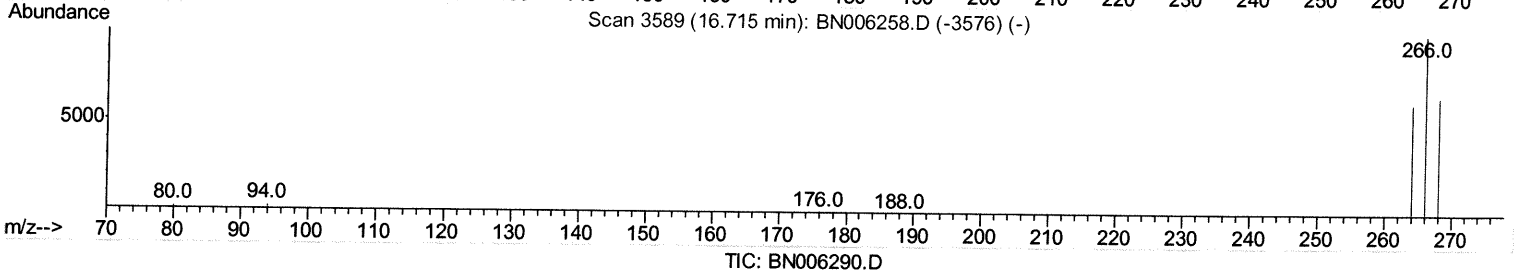
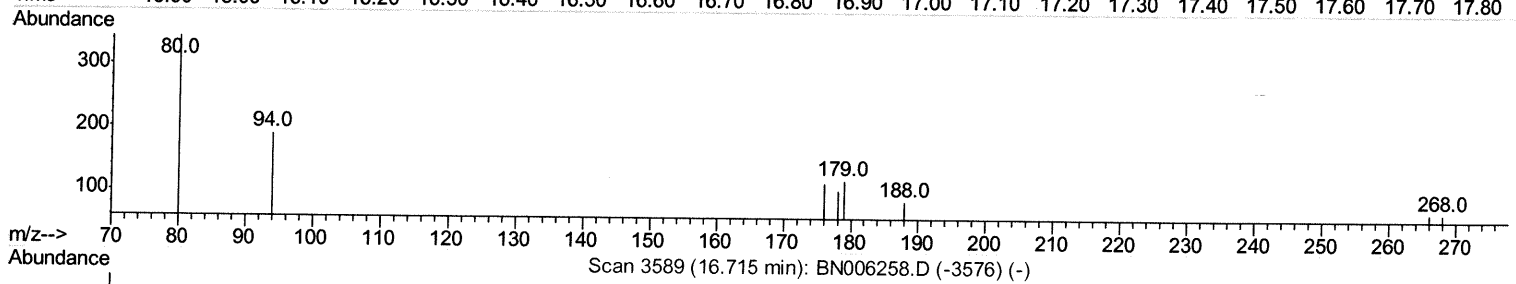
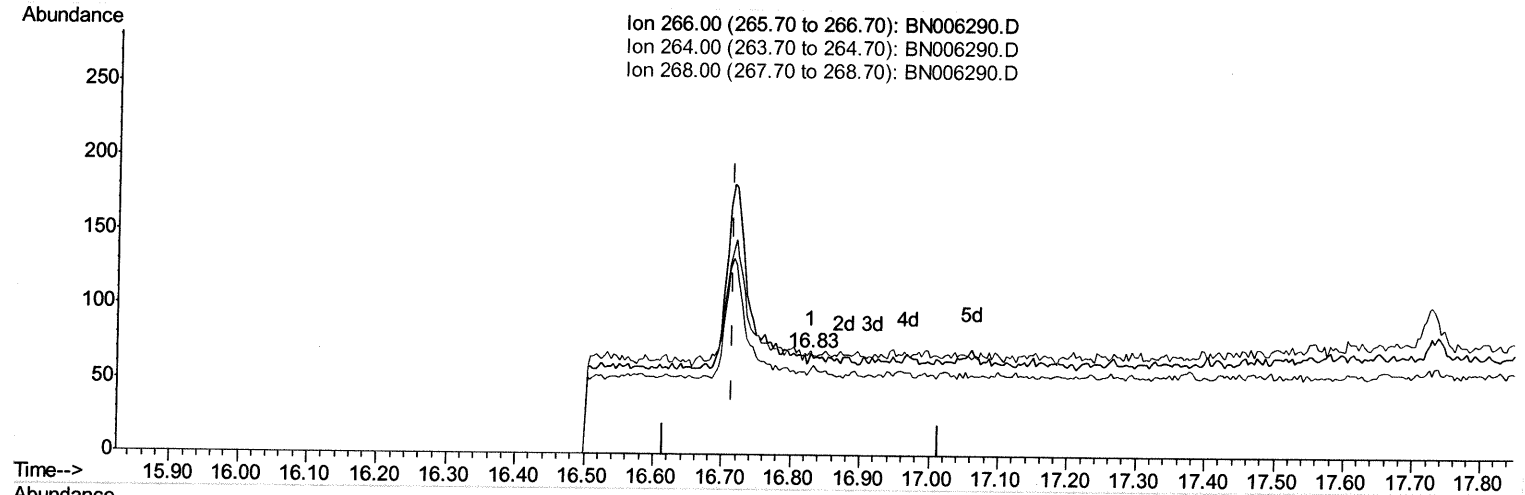
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
 Data File : BN006290.D
 Acq On : 12 Jun 2019 20:46
 Operator : JU/SJ
 Sample : K3231-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB8L8

Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:34:10 AM

Quant Time: Jun 13 02:43:45 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 : Wed Jun 12 17:24:11 2019
 Response via : Initial Calibration



(11) Pentachlorophenol

16.828min (+0.114) 0.00ng/ul

response 7

Ion	Exp%	Act%
266.00	100	100
264.00	62.90	157.14#
268.00	64.10	71.43
0.00	0.00	0.00

Quantitation Report (Qedit)

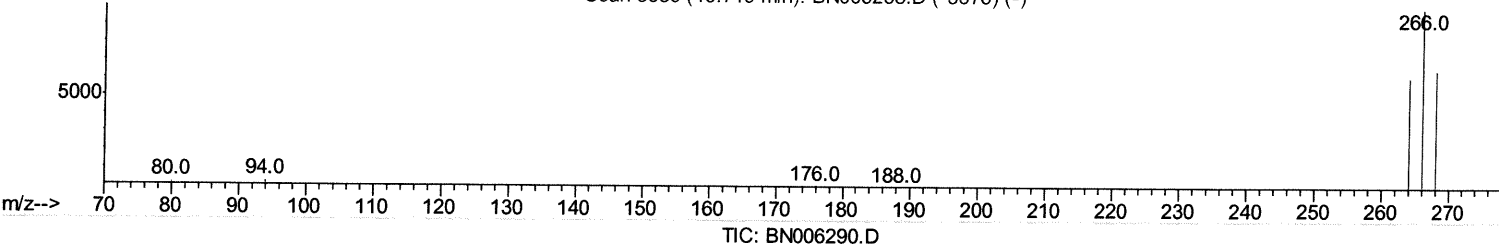
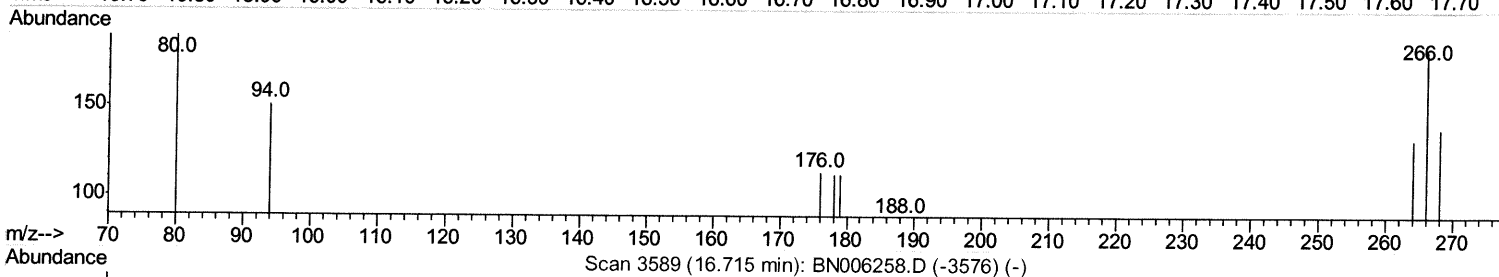
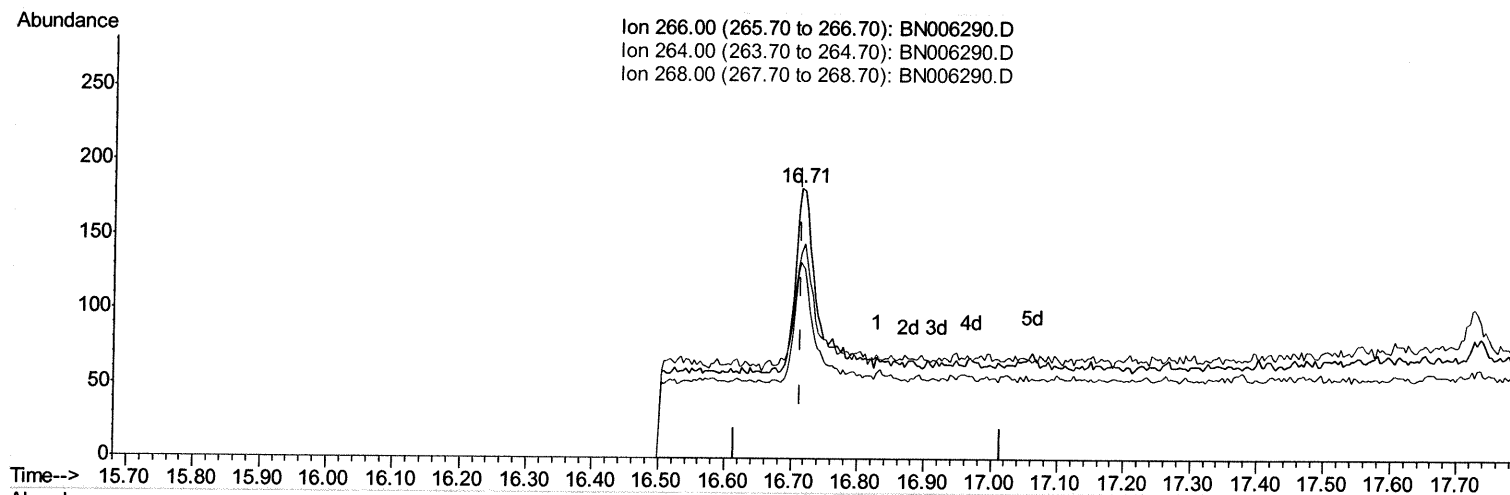
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
 Data File : BN006290.D
 Acq On : 12 Jun 2019 20:46
 Operator : JU/SJ
 Sample : K3231-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB8L8

Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:34:10 AM

Quant Time: Jun 13 02:43:45 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 : Wed Jun 12 17:24:11 2019
 Response via : Initial Calibration



(11) Pentachlorophenol

16.715min (-0.000) 0.05ng/ul m *JU 06/13/19*

response 276

Ion	Exp%	Act%
266.00	100	100
264.00	62.90	3.99#
268.00	64.10	1.81#
0.00	0.00	0.00

Quantitation Report (Qedit)

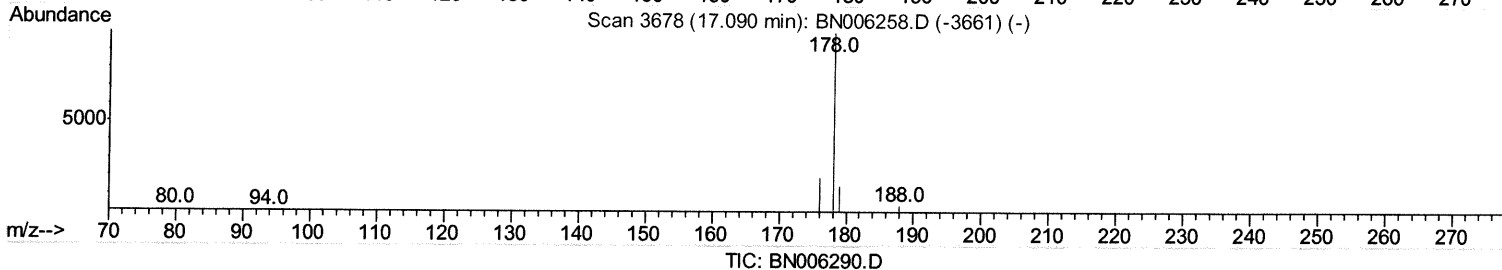
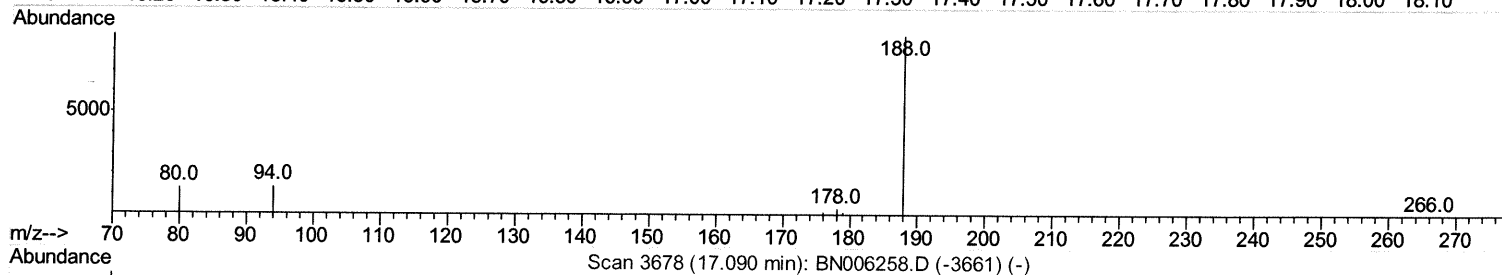
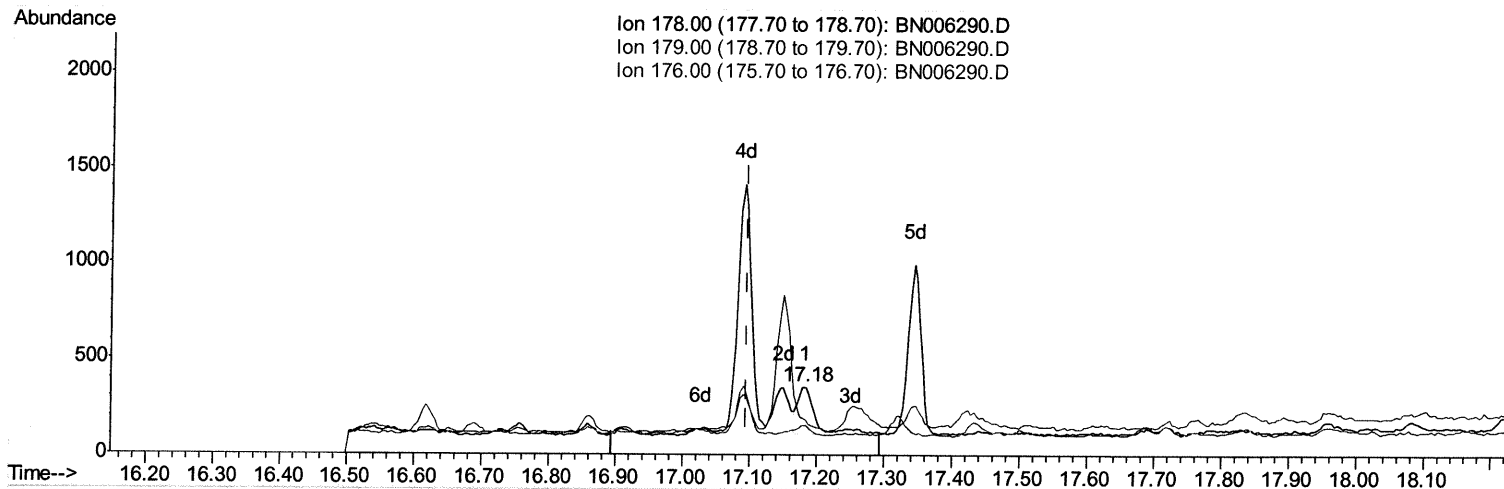
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
 Data File : BN006290.D
 Acq On : 12 Jun 2019 20:46
 Operator : JU/SJ
 Sample : K3231-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB8L8

Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:34:10 AM

Quant Time: Jun 13 02:43:45 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 : Wed Jun 12 17:24:11 2019
 Response via : Initial Calibration



(12) Phenanthrene

17.183min (+0.088) 0.01ng/ul

response 388

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	50.99#
176.00	19.10	43.10#
0.00	0.00	0.00

Quantitation Report (Qedit)

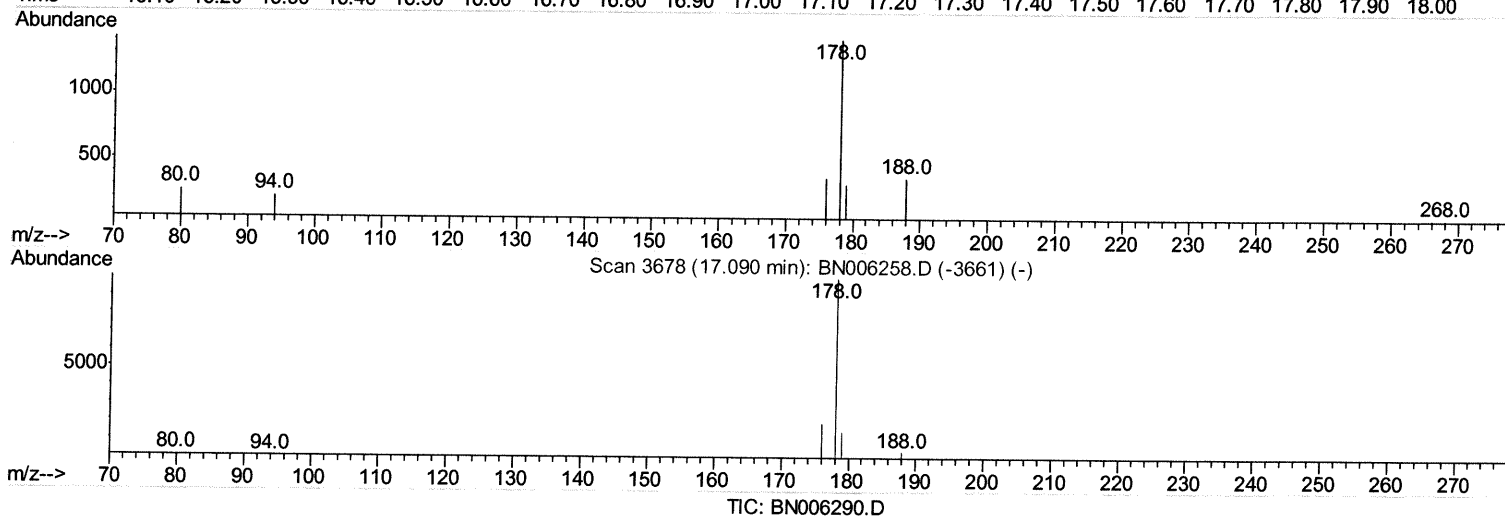
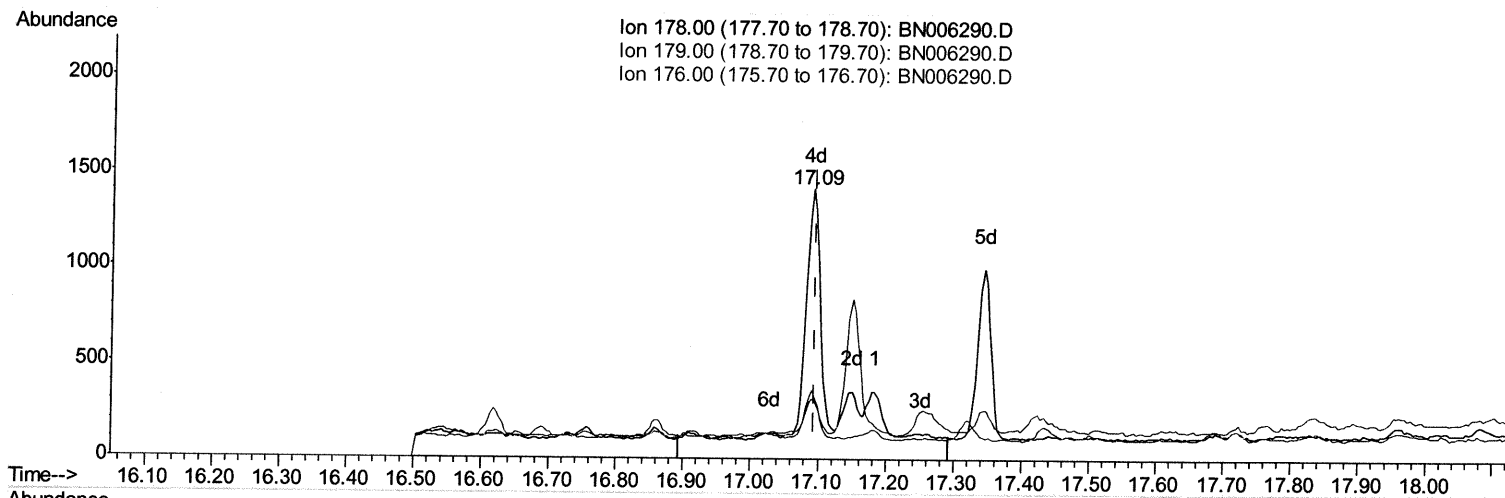
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
 Data File : BN006290.D
 Acq On : 12 Jun 2019 20:46
 Operator : JU/SJ
 Sample : K3231-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB8L8

Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:34:10 AM

Quant Time: Jun 13 02:43:45 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 : Wed Jun 12 17:24:11 2019
 Response via : Initial Calibration



(12) Phenanthrene

17.090min (-0.005) 0.03ng/ul m *JU 06/13/19*

response 1818

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	22.07#
176.00	19.10	25.32#
0.00	0.00	0.00

Quantitation Report (Qedit)

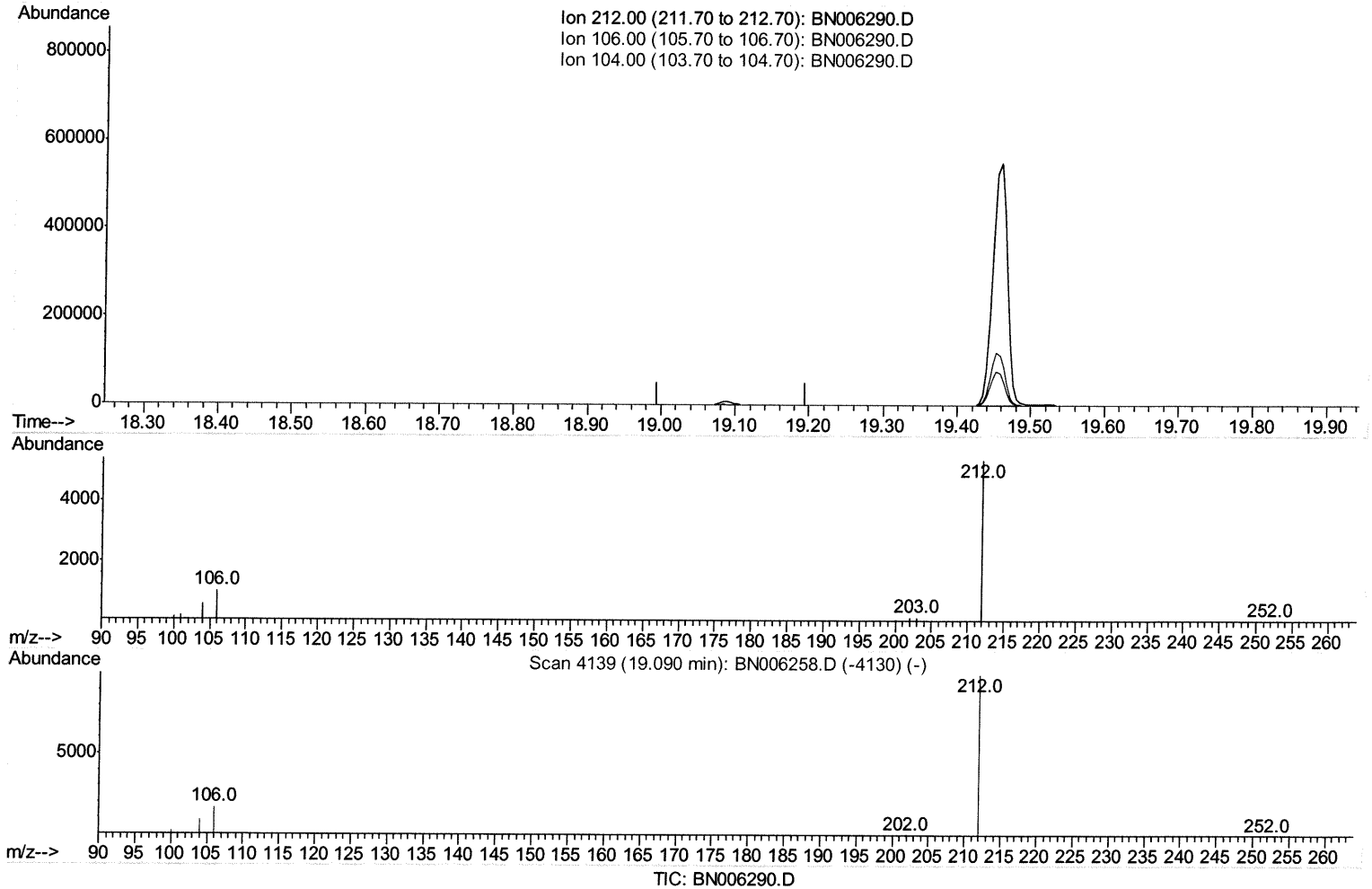
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
 Data File : BN006290.D
 Acq On : 12 Jun 2019 20:46
 Operator : JU/SJ
 Sample : K3231-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB8L8

Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:34:10 AM

Quant Time: Jun 13 02:44:32 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 : Wed Jun 12 17:24:11 2019
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.095min (-19.095) 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)

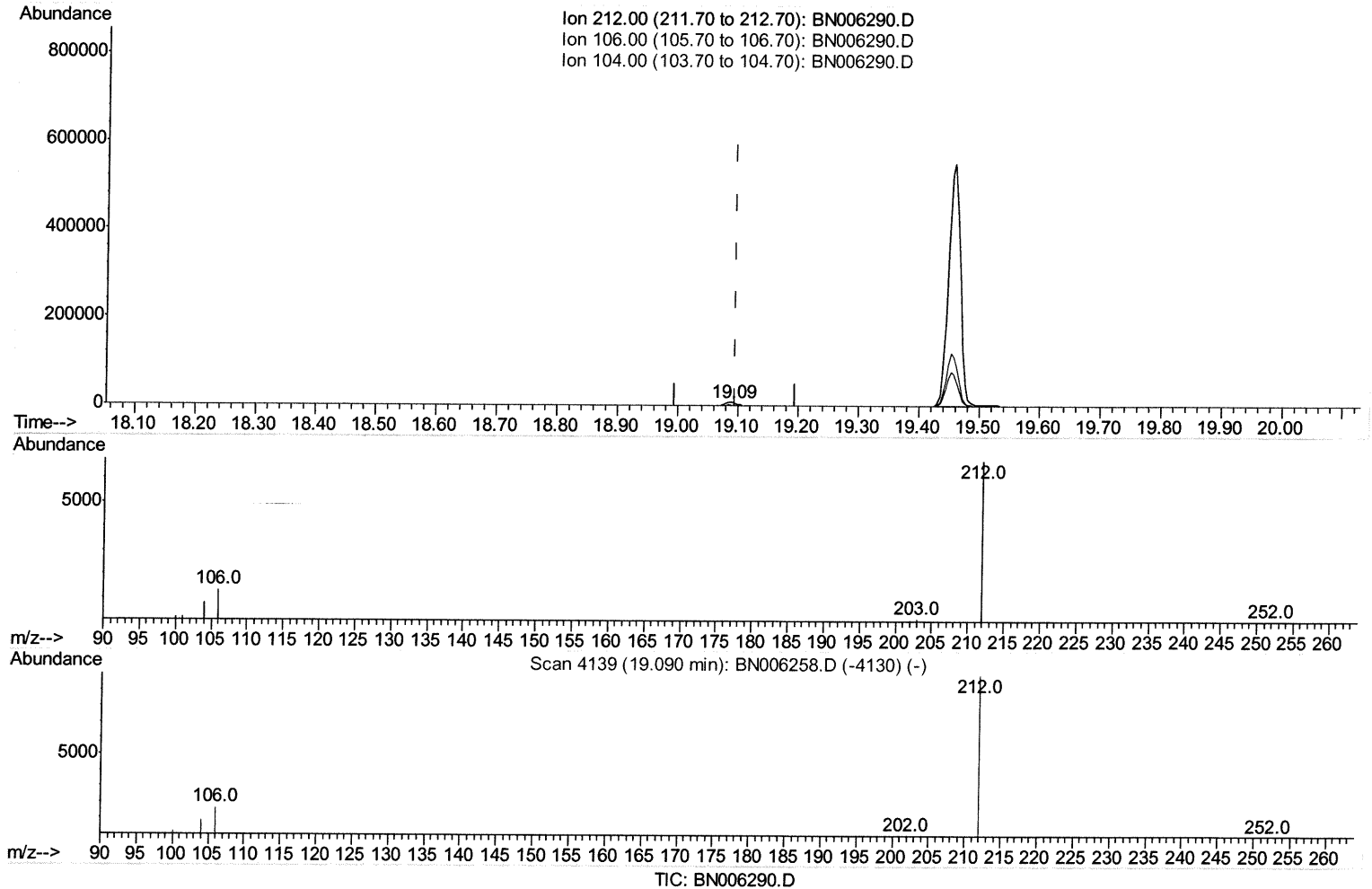
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
 Data File : BN006290.D
 Acq On : 12 Jun 2019 20:46
 Operator : JU/SJ
 Sample : K3231-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB8L8

Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:34:10 AM

Quant Time: Jun 13 02:44:32 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 : Wed Jun 12 17:24:11 2019
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.090min (-0.005) 0.16ng/ul m

JU
06/13/19

response 9171

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)

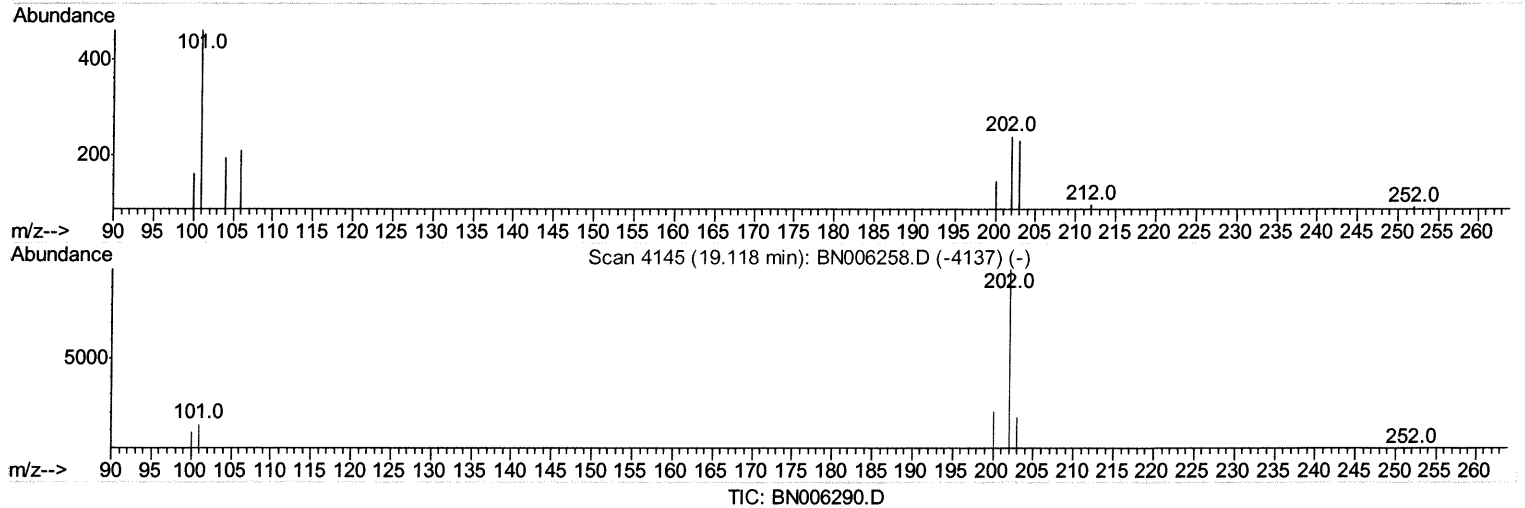
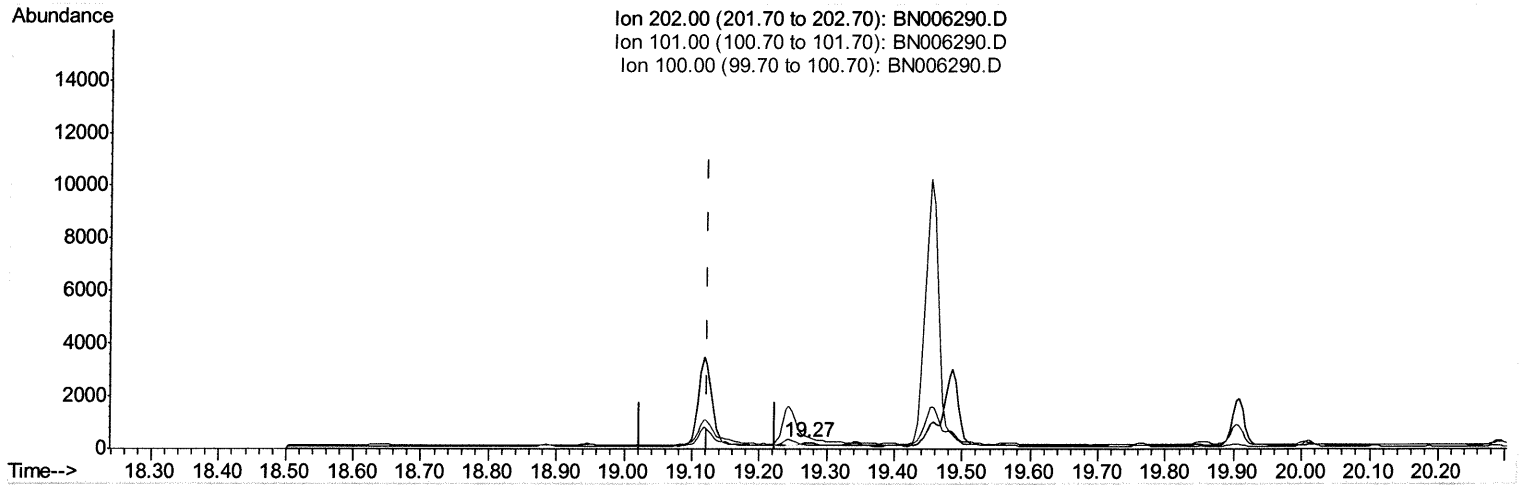
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
 Data File : BN006290.D
 Acq On : 12 Jun 2019 20:46
 Operator : JU/SJ
 Sample : K3231-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB8L8

Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:34:10 AM

Quant Time: Jun 13 02:44:32 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 : Wed Jun 12 17:24:11 2019
 Response via : Initial Calibration



(15) Fluoranthene (C)

19.271min (+0.148) 0.00ng/ul

response 150

Ion	Exp%	Act%
202.00	100	100
101.00	12.10	192.47#
100.00	8.70	67.78#
0.00	0.00	0.00

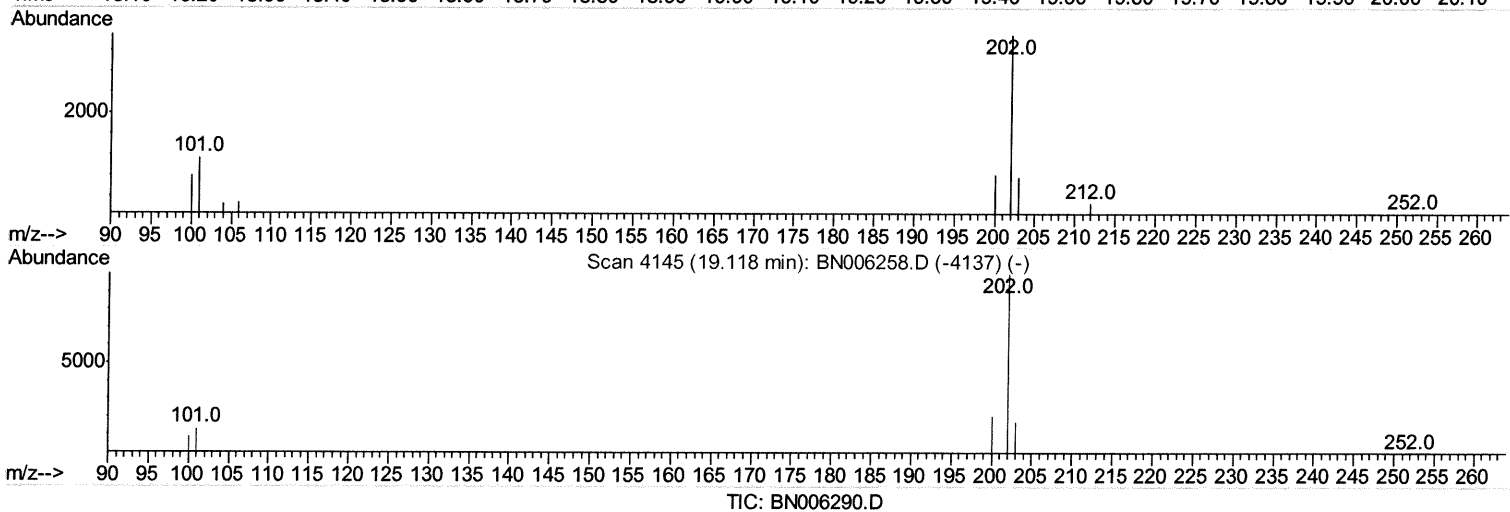
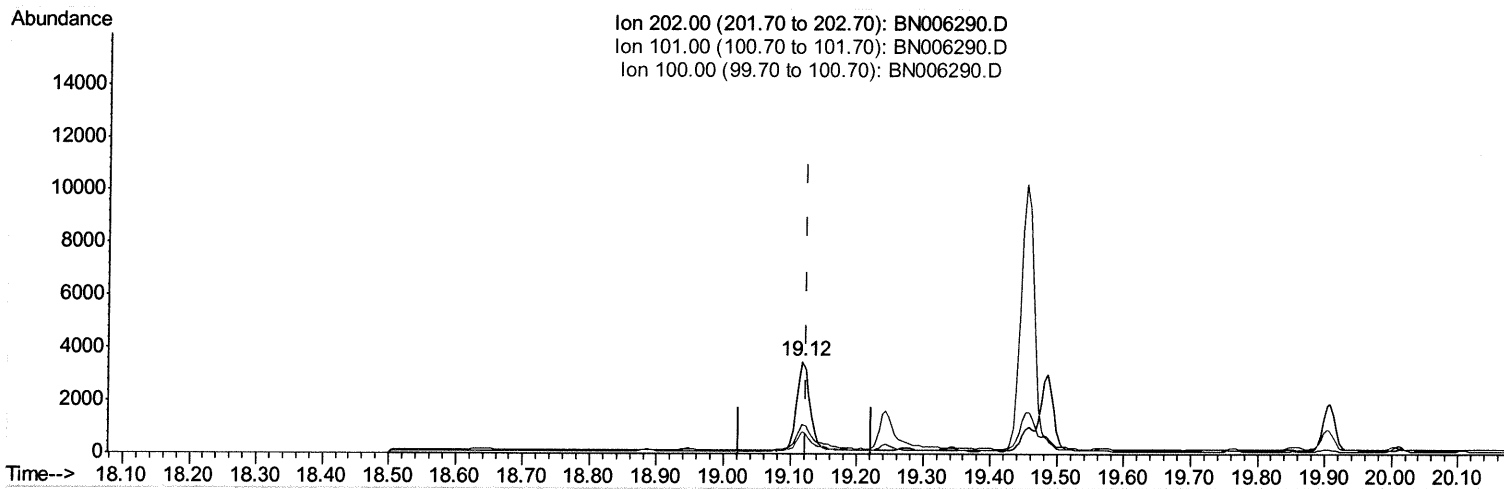
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
Data File : BN006290.D
Acq On : 12 Jun 2019 20:46
Operator : JU/SJ
Sample : K3231-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DB8L8

Manual Integrations
APPROVED

mohammad
6/14/2019 8:34:10 AM

Quant Time: Jun 13 02:44:32 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 : Wed Jun 12 17:24:11 2019
Response via : Initial Calibration



(15) Fluoranthene (C)

19.118min (-0.005) 0.06ng/ul m

JU
06/13/19

response 4742

Ion	Exp%	Act%
202.00	100	100
101.00	12.10	32.58#
100.00	8.70	23.29
0.00	0.00	0.00

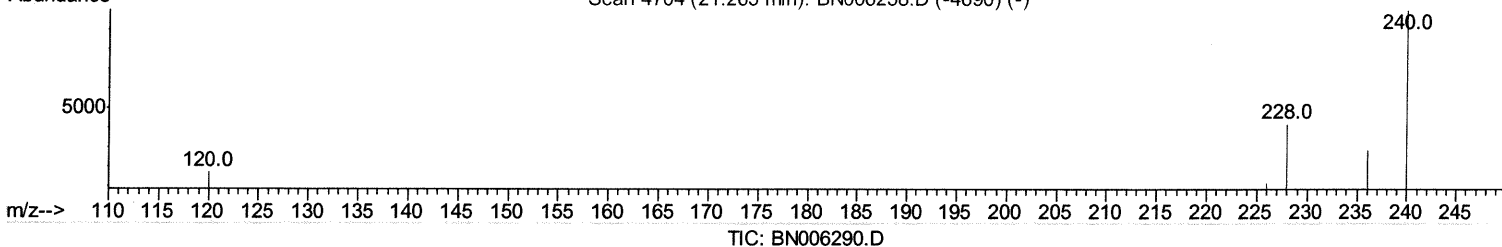
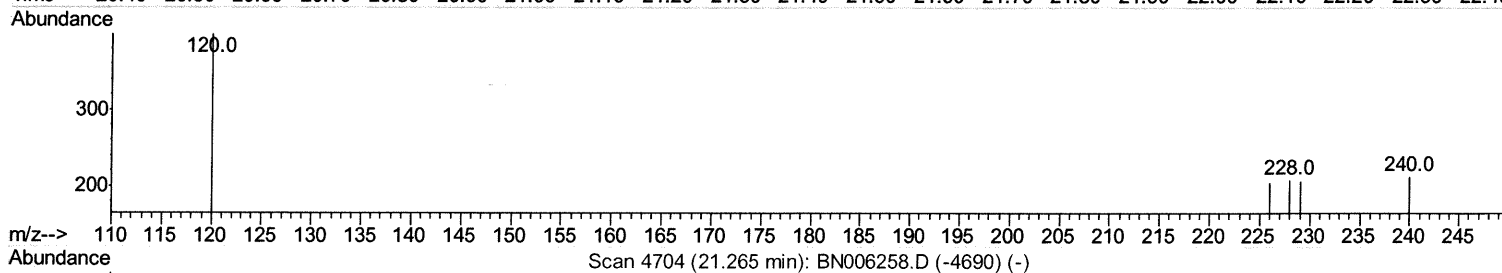
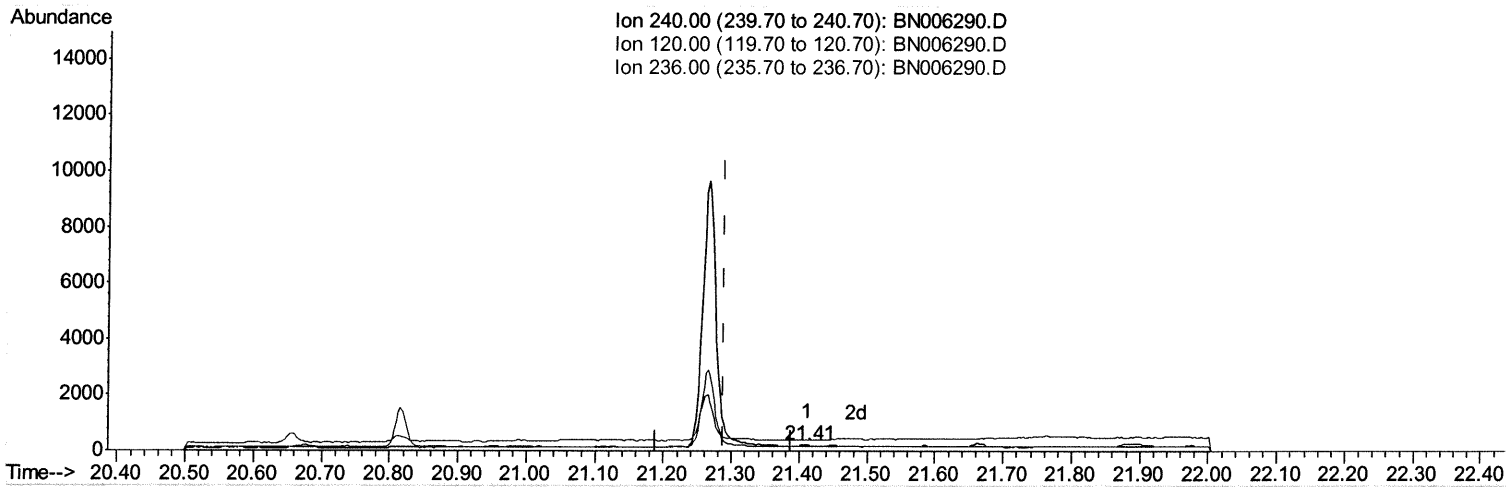
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
Data File : BN006290.D
Acq On : 12 Jun 2019 20:46
Operator : JU/SJ
Sample : K3231-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DB8L8

Manual Integrations
APPROVED

mohammad
6/14/2019 8:34:10 AM

Quant Time: Jun 13 02:44:32 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 : Wed Jun 12 17:24:11 2019
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.411min (+0.122) 0.40ng/ul

response 87

Ion	Exp%	Act%
240.00	100	100
120.00	20.10	187.32#
236.00	30.10	77.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

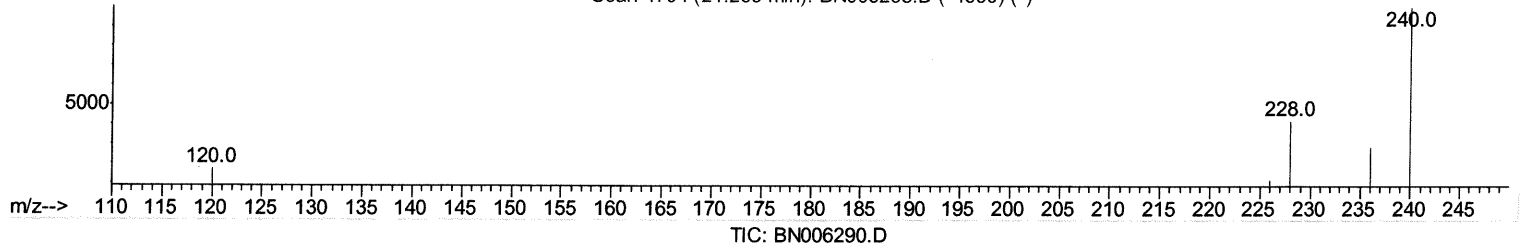
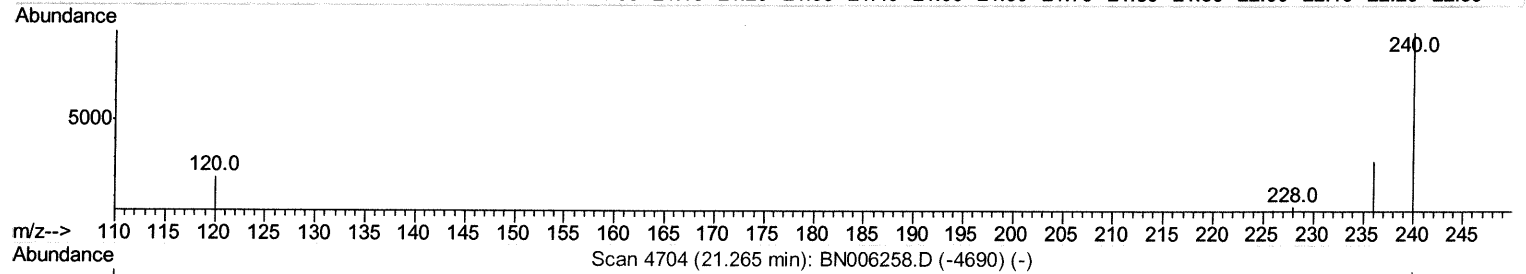
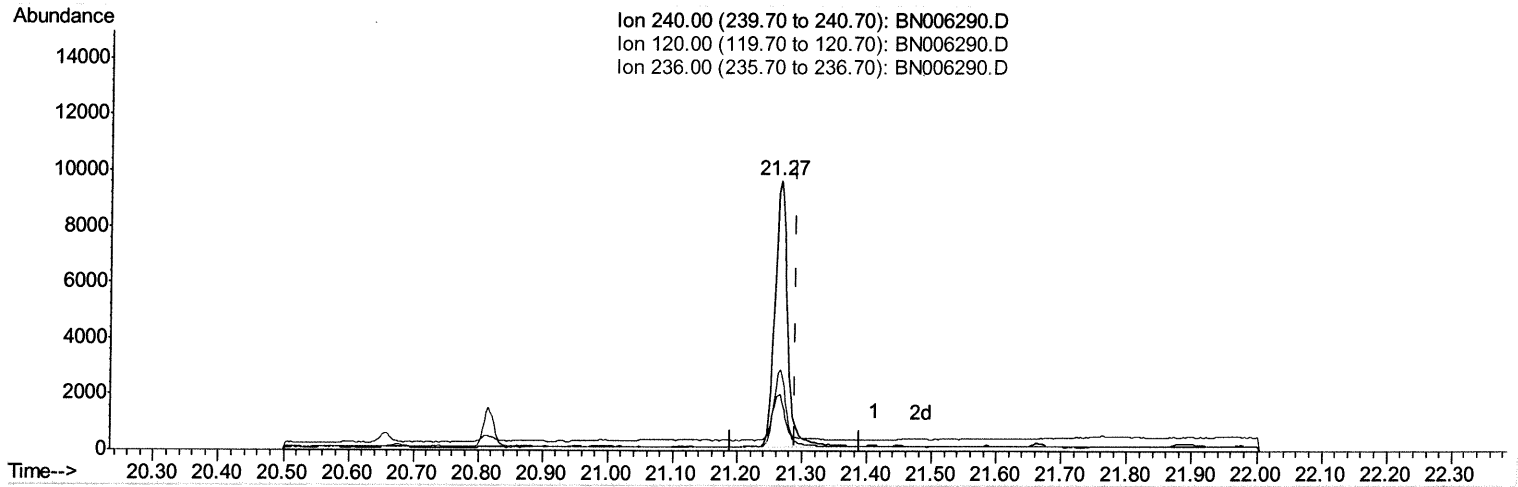
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
 Data File : BN006290.D
 Acq On : 12 Jun 2019 20:46
 Operator : JU/SJ
 Sample : K3231-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB8L8

Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:34:10 AM

Quant Time: Jun 13 02:44:32 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 : Wed Jun 12 17:24:11 2019
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.265min (-0.024) 0.40ng/ul m *JU 06/13/19*

response 13198

Ion	Exp%	Act%
240.00	100	100
120.00	20.10	20.91
236.00	30.10	30.01
0.00	0.00	0.00

Quantitation Report (Qedit)

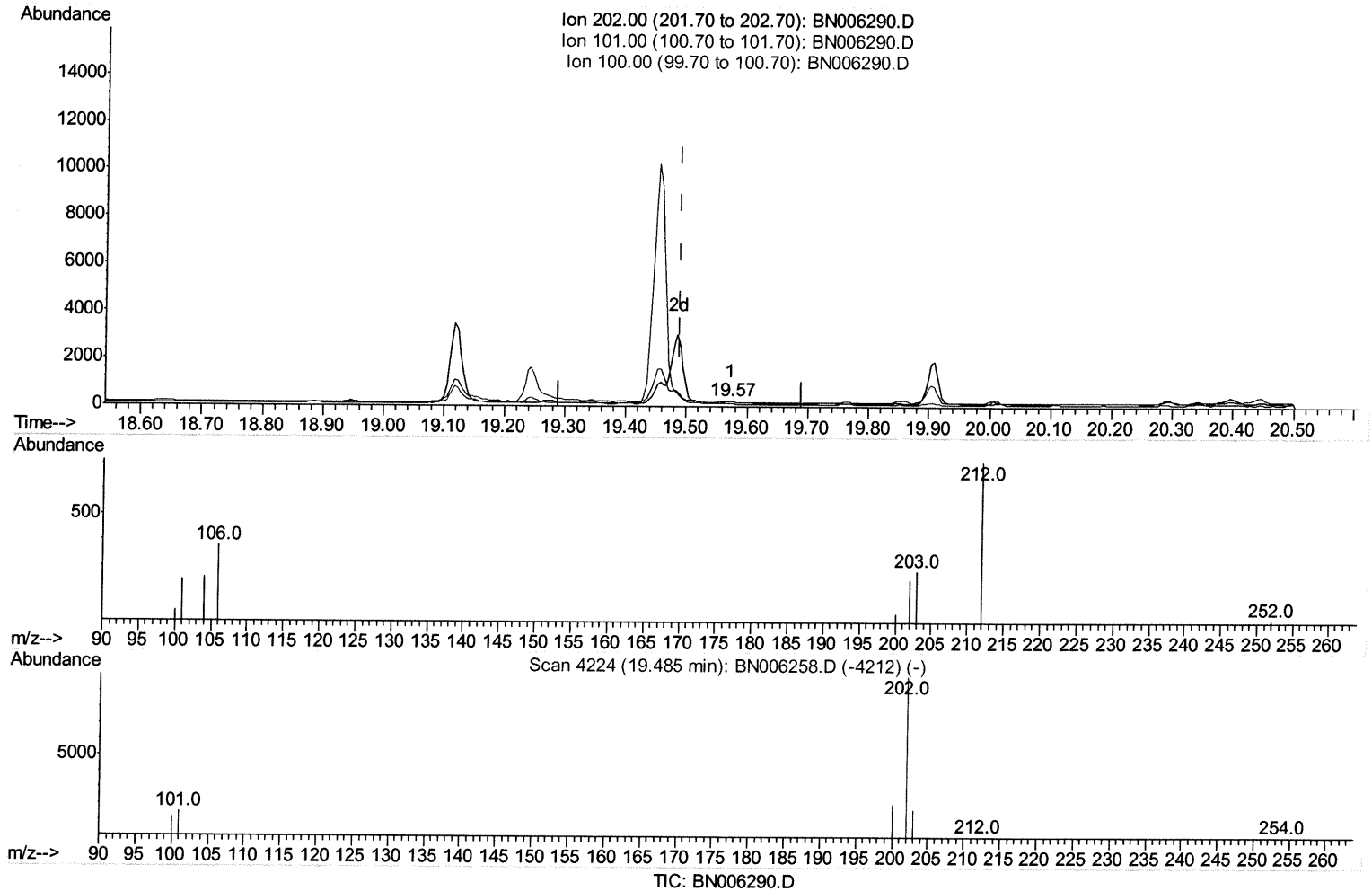
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
 Data File : BN006290.D
 Acq On : 12 Jun 2019 20:46
 Operator : JU/SJ
 Sample : K3231-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB8L8

Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:34:10 AM

Quant Time: Jun 13 02:45:58 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 : Wed Jun 12 17:24:11 2019
 Response via : Initial Calibration



(17) Pyrene

19.573min (+0.083) 0.00ng/ul

response 182

Ion	Exp%	Act%
202.00	100	100
101.00	15.20	98.40#
100.00	12.20	50.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

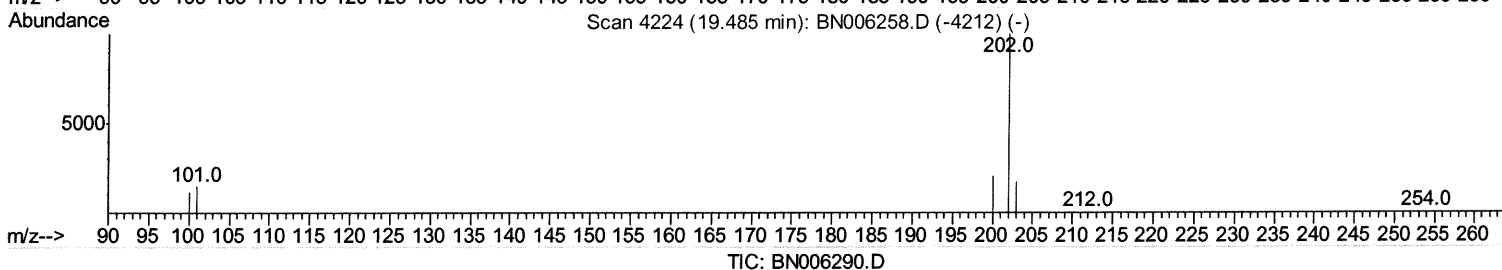
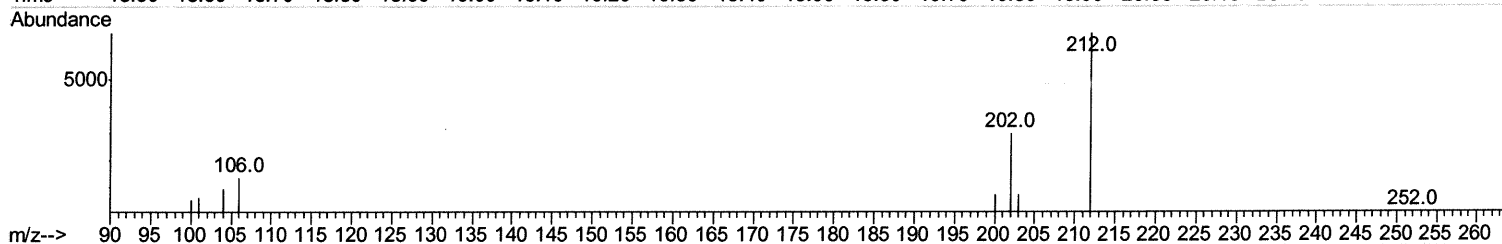
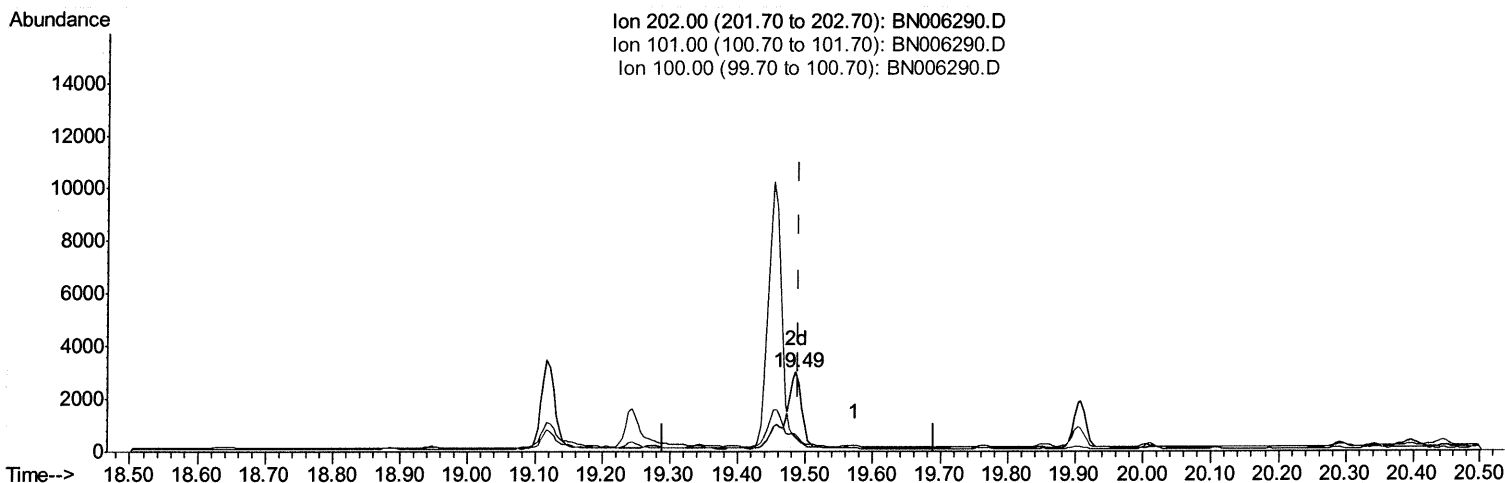
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
 Data File : BN006290.D
 Acq On : 12 Jun 2019 20:46
 Operator : JU/SJ
 Sample : K3231-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB8L8

Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:34:10 AM

Quant Time: Jun 13 02:45:58 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 : Wed Jun 12 17:24:11 2019
 Response via : Initial Calibration



(17) Pyrene

19.485min (-0.005) 0.06ng/ul m

JU 06/12/19

response 3846

Ion	Exp%	Act%
202.00	100	100
101.00	15.20	21.33#
100.00	12.20	18.01#
0.00	0.00	0.00

Quantitation Report (Qedit)

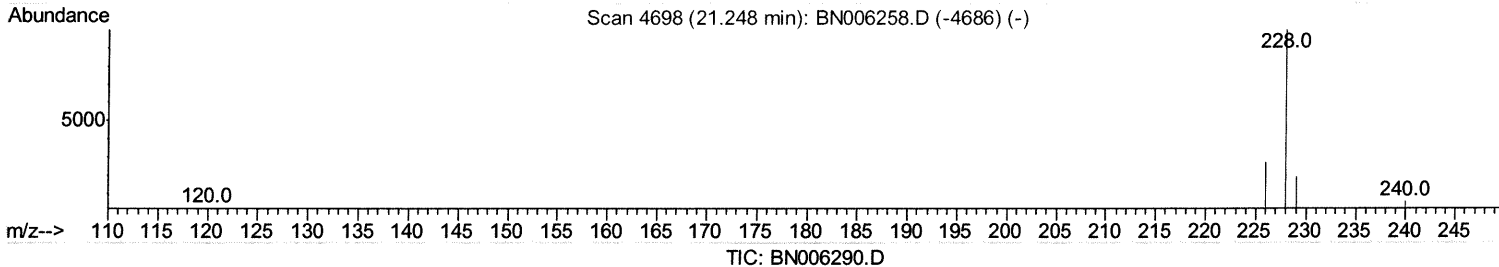
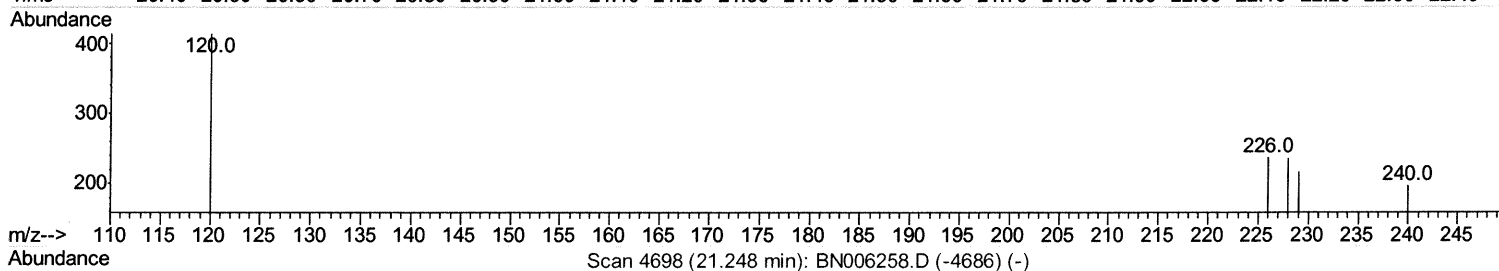
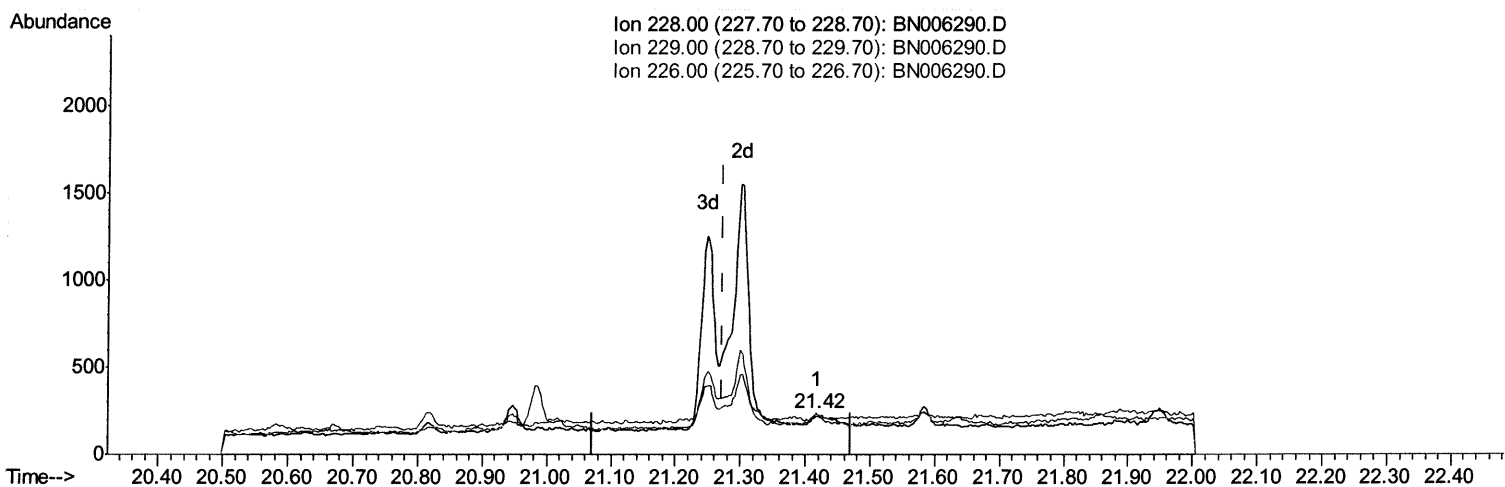
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
Data File : BN006290.D
Acq On : 12 Jun 2019 20:46
Operator : JU/SJ
Sample : K3231-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DB8L8

Manual Integrations
APPROVED

mohammad
6/14/2019 8:34:10 AM

Quant Time: Jun 13 02:46:44 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 : Wed Jun 12 17:24:11 2019
Response via : Initial Calibration



(18) Benzo(a)anthracene

21.417min (+0.146) 0.00ng/ul

response 160

Ion	Exp%	Act%
228.00	100	100
229.00	20.60	91.53#
226.00	28.50	100.42#
0.00	0.00	0.00

Quantitation Report (Qedit)

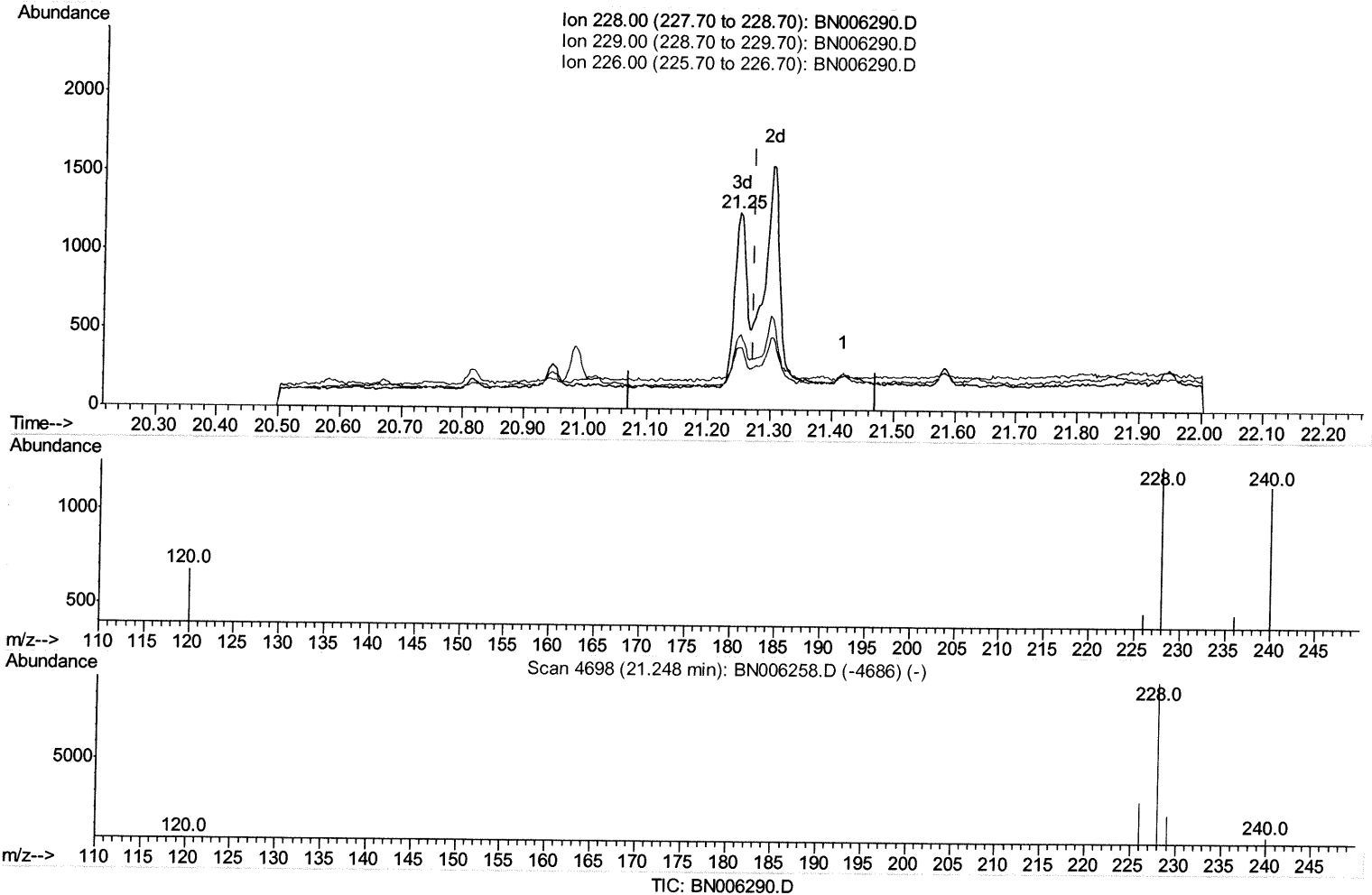
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
 Data File : BN006290.D
 Acq On : 12 Jun 2019 20:46
 Operator : JU/SJ
 Sample : K3231-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB8L8

Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:34:10 AM

Quant Time: Jun 13 02:46:44 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 : Wed Jun 12 17:24:11 2019
 Response via : Initial Calibration



(18) Benzo(a)anthracene

21.248min (-0.024) 0.03ng/ul m *JU 06/13/19*

response 1543

Ion	Exp%	Act%
228.00	100	100
229.00	20.60	31.21#
226.00	28.50	37.19#
0.00	0.00	0.00

Quantitation Report (Qedit)

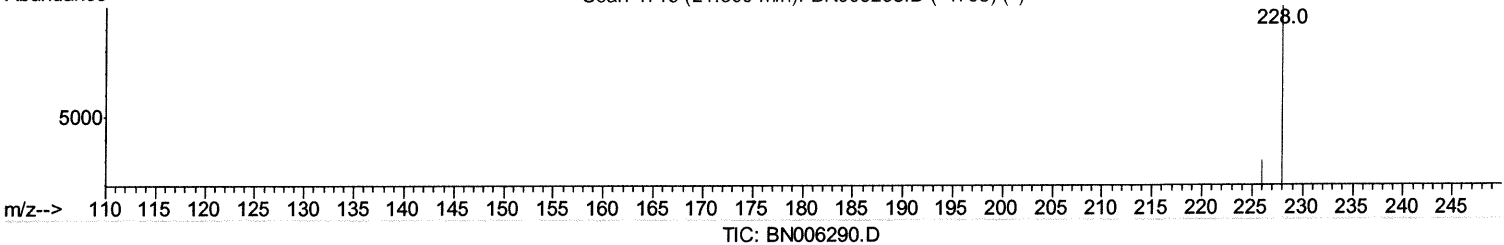
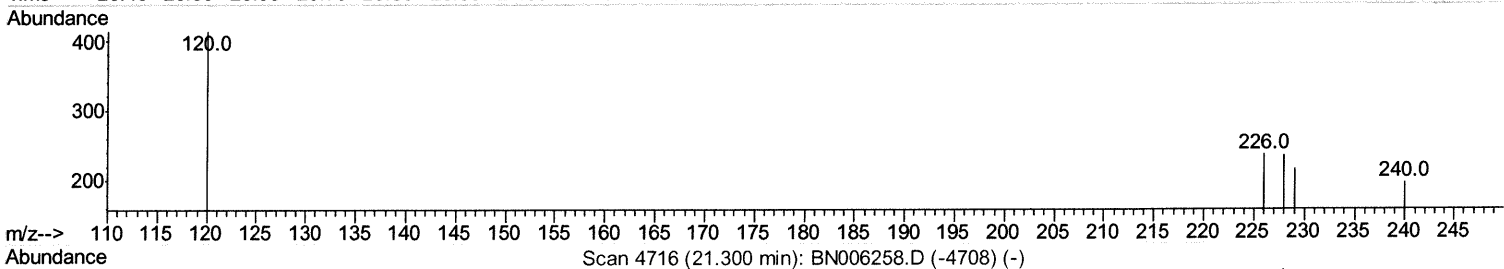
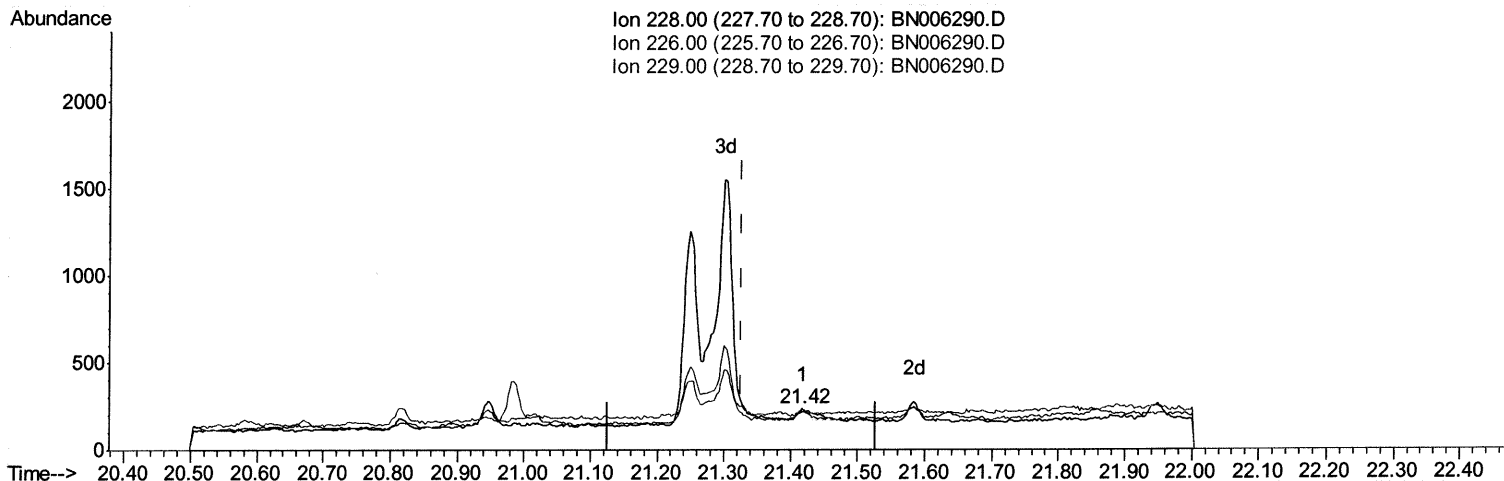
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
 Data File : BN006290.D
 Acq On : 12 Jun 2019 20:46
 Operator : JU/SJ
 Sample : K3231-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB8L8

Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:34:10 AM

Quant Time: Jun 13 02:46:44 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 : Wed Jun 12 17:24:11 2019
 Response via : Initial Calibration



(19) Chrysene

21.417min (+0.090) 0.00ng/ul

response 127

Ion	Exp%	Act%
228.00	100	100
226.00	31.30	100.42#
229.00	20.40	91.53#
0.00	0.00	0.00

Quantitation Report (Qedit)

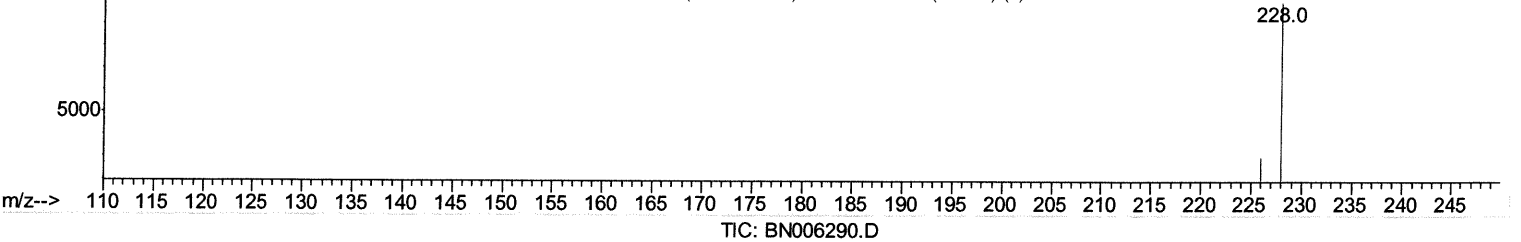
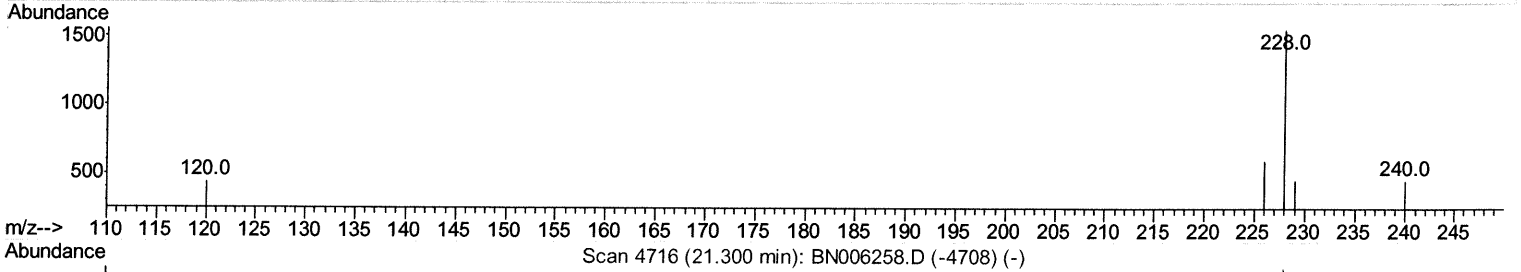
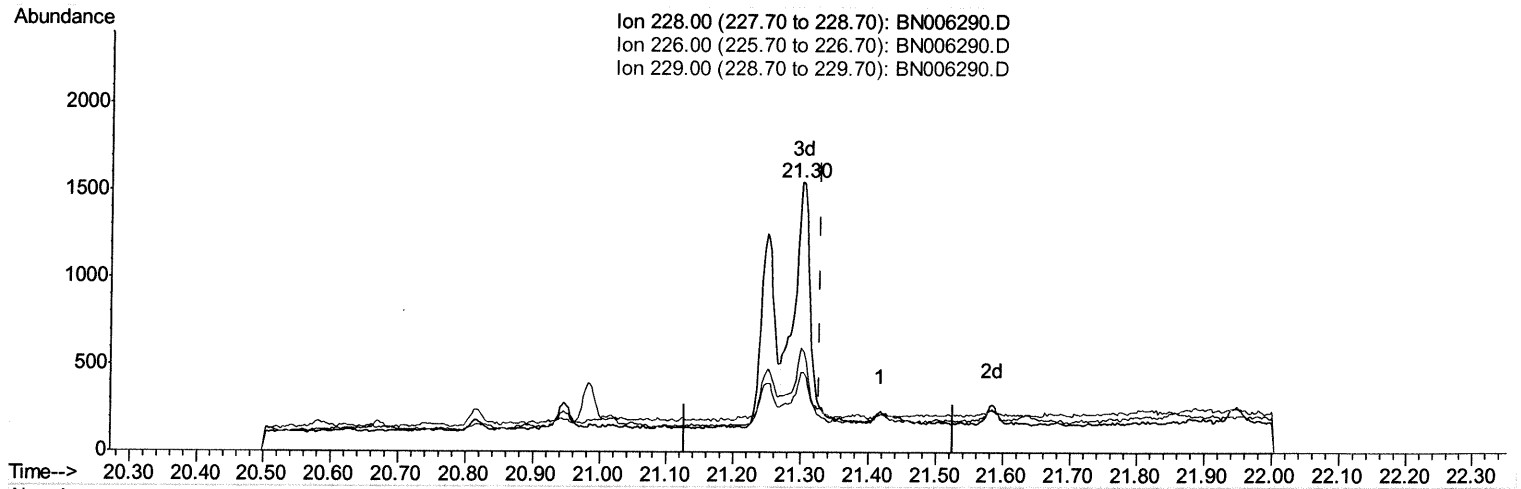
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
 Data File : BN006290.D
 Acq On : 12 Jun 2019 20:46
 Operator : JU/SJ
 Sample : K3231-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB8L8

Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:34:10 AM

Quant Time: Jun 13 02:46:44 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 : Wed Jun 12 17:24:11 2019
 Response via : Initial Calibration



(19) Chrysene

21.300min (-0.027) 0.04ng/ul m *JU* 06/13/19

response 2326

Ion	Exp%	Act%
228.00	100	100
226.00	31.30	38.61#
229.00	20.40	29.44#
0.00	0.00	0.00

Quantitation Report (Qedit)

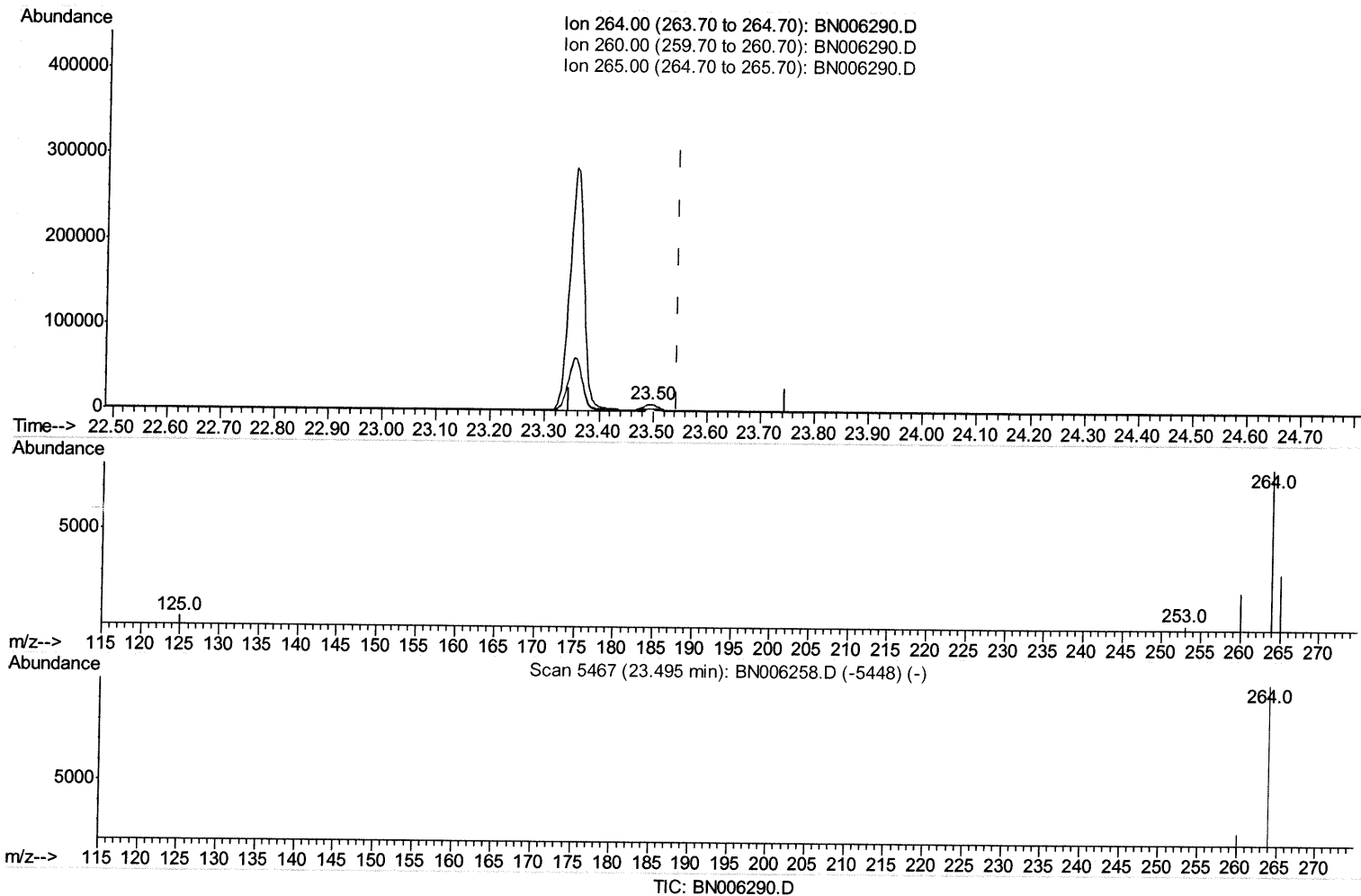
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
 Data File : BN006290.D
 Acq On : 12 Jun 2019 20:46
 Operator : JU/SJ
 Sample : K3231-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 DB8L8

Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:34:10 AM

Quant Time: Jun 13 02:46:44 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 : Wed Jun 12 17:24:11 2019
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.495min (-0.050) 0.40ng/ul

response 14500

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	27.12
265.00	44.70	37.78
0.00	0.00	0.00

Quantitation Report (Qedit)

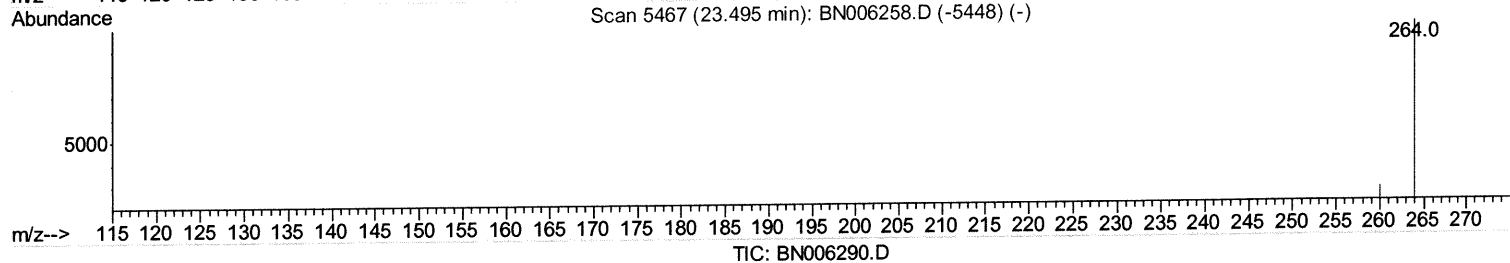
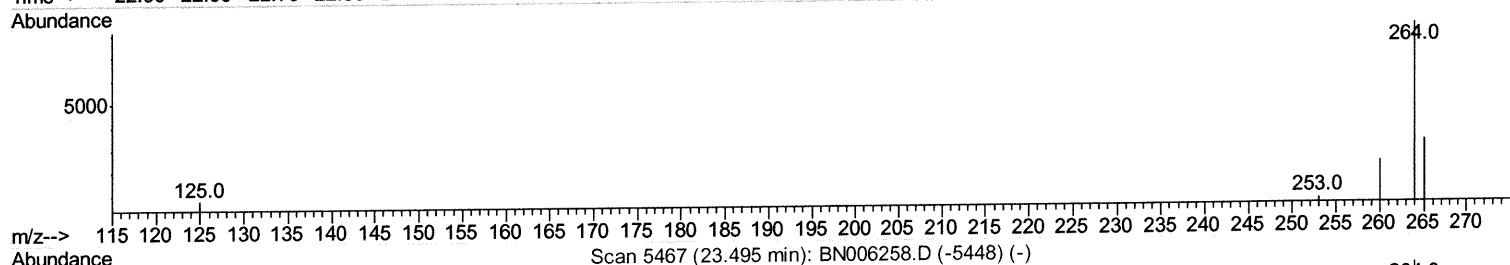
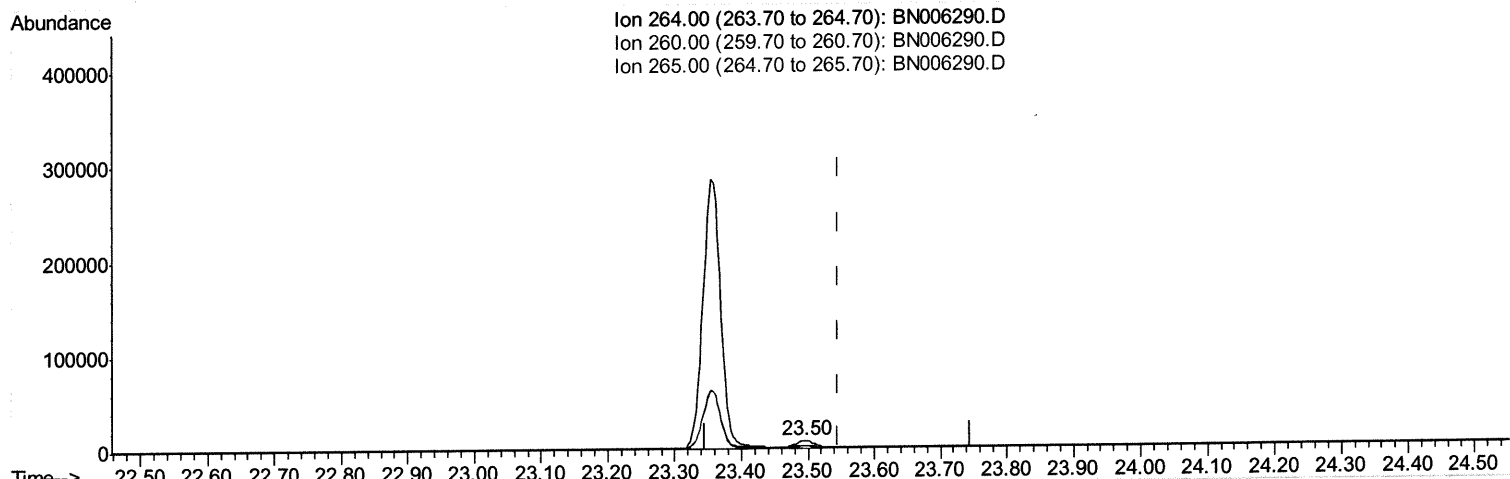
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
 Data File : BN006290.D
 Acq On : 12 Jun 2019 20:46
 Operator : JU/SJ
 Sample : K3231-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 DB8L8

Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:34:10 AM

Quant Time: Jun 13 02:46:44 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 : Wed Jun 12 17:24:11 2019
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.495min (-0.050) 0.40ng/ul m

JU
 06/13/19

response 12955

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	27.12
265.00	44.70	37.78
0.00	0.00	0.00

Quantitation Report (Qedit)

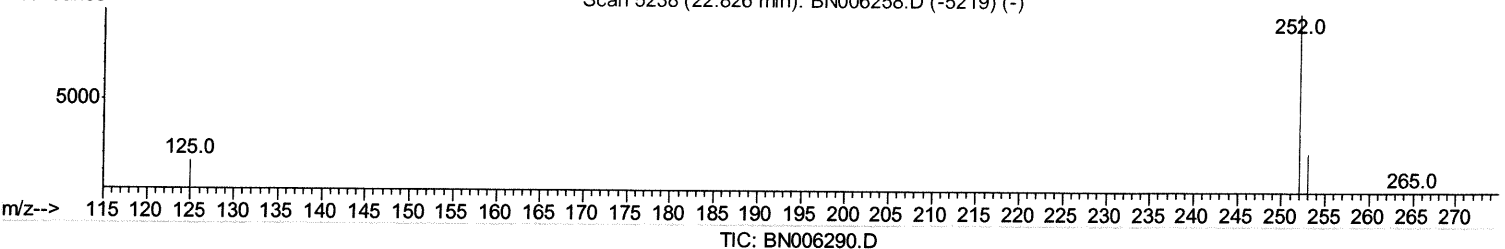
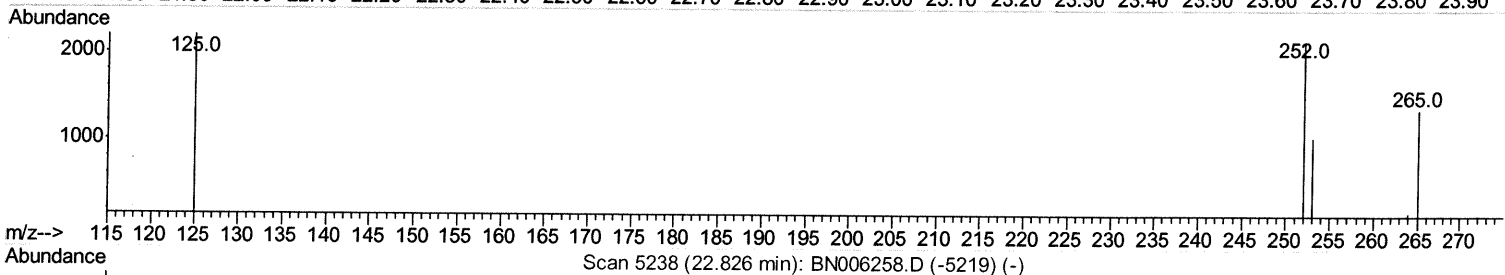
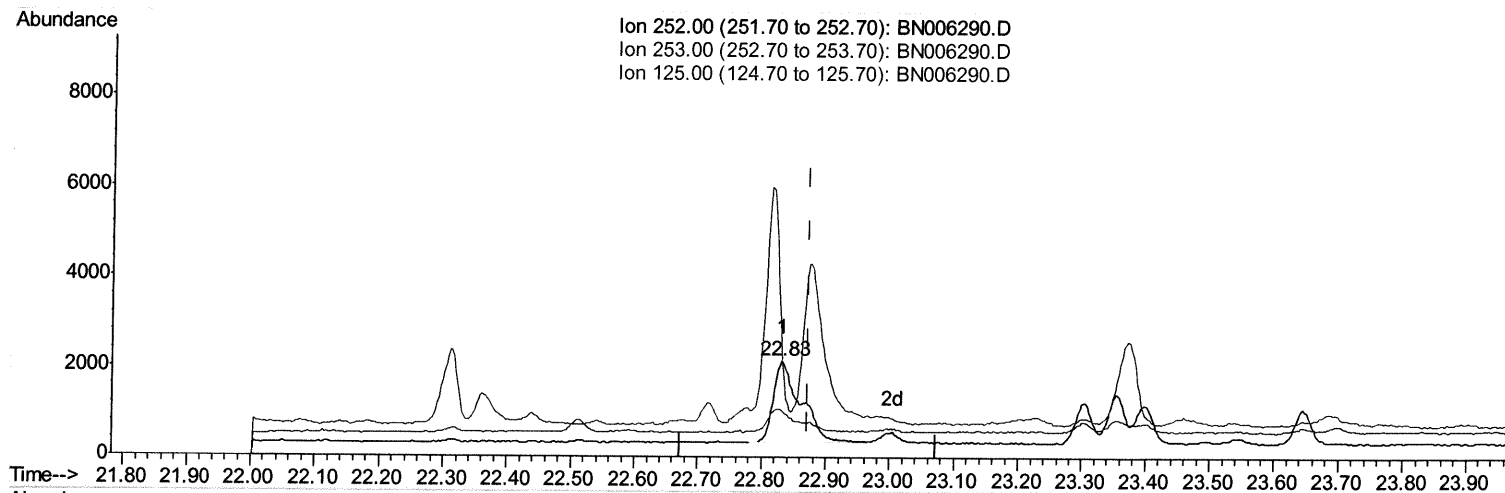
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
 Data File : BN006290.D
 Acq On : 12 Jun 2019 20:46
 Operator : JU/SJ
 Sample : K3231-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB8L8

Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:34:10 AM

Quant Time: Jun 13 02:48:13 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 : Wed Jun 12 17:24:11 2019
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene
 22.832min (-0.041) 0.10ng/ul
 response 5461

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	48.34
125.00	20.50	102.38#
0.00	0.00	0.00

Quantitation Report (Qedit)

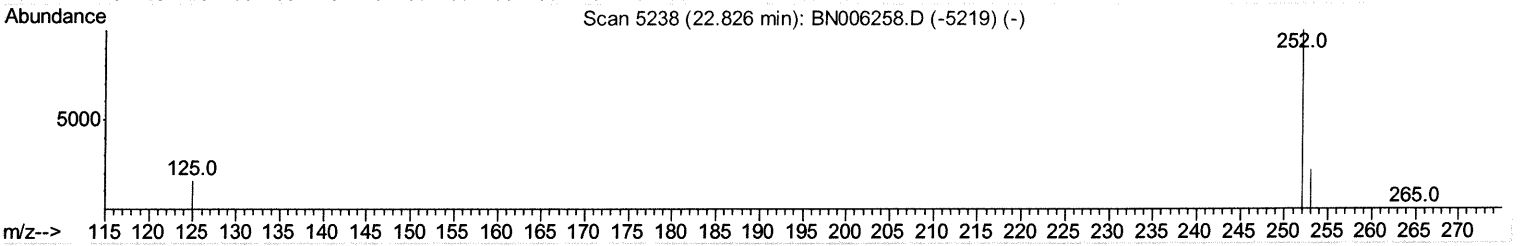
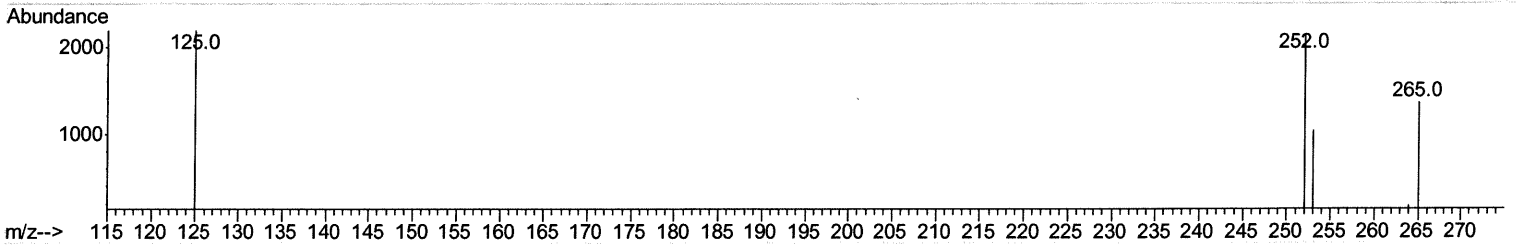
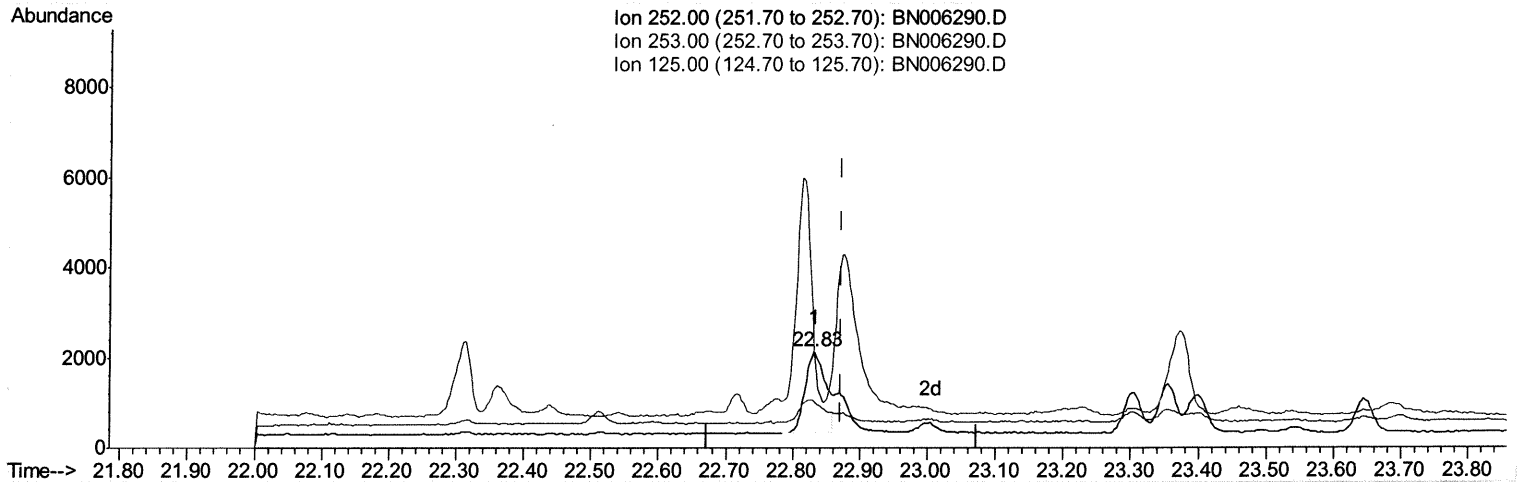
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
 Data File : BN006290.D
 Acq On : 12 Jun 2019 20:46
 Operator : JU/SJ
 Sample : K3231-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB8L8

Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:34:10 AM

Quant Time: Jun 13 02:48:13 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 : Wed Jun 12 17:24:11 2019
 Response via : Initial Calibration



TIC: BN006290.D

(21) Benzo(b)fluoranthene

22.832min (-0.041) 0.07ng/ul m *JU 06/13/19*

response 3814

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	48.34
125.00	20.50	102.38#
0.00	0.00	0.00

Quantitation Report (Qedit)

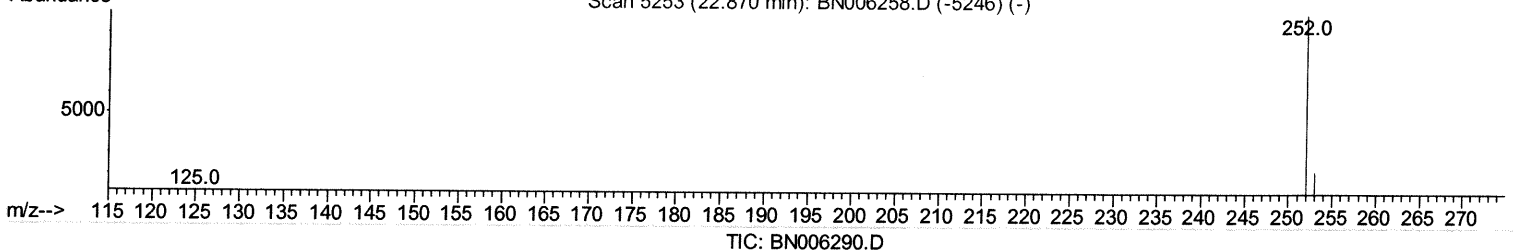
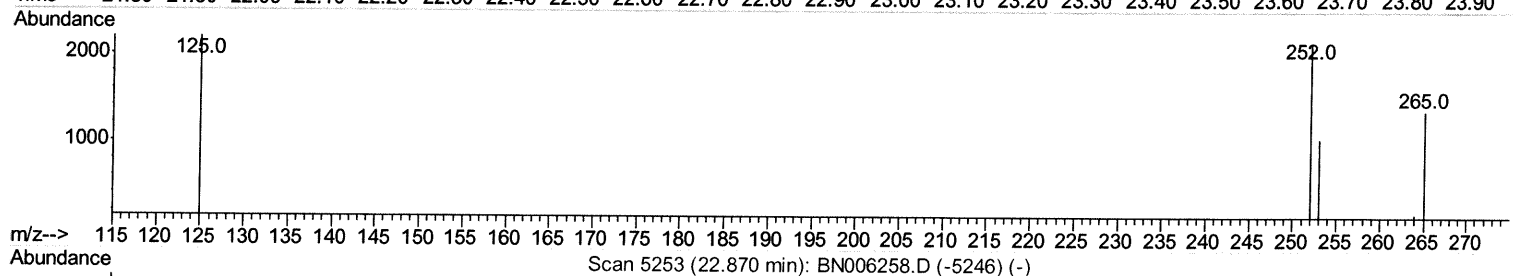
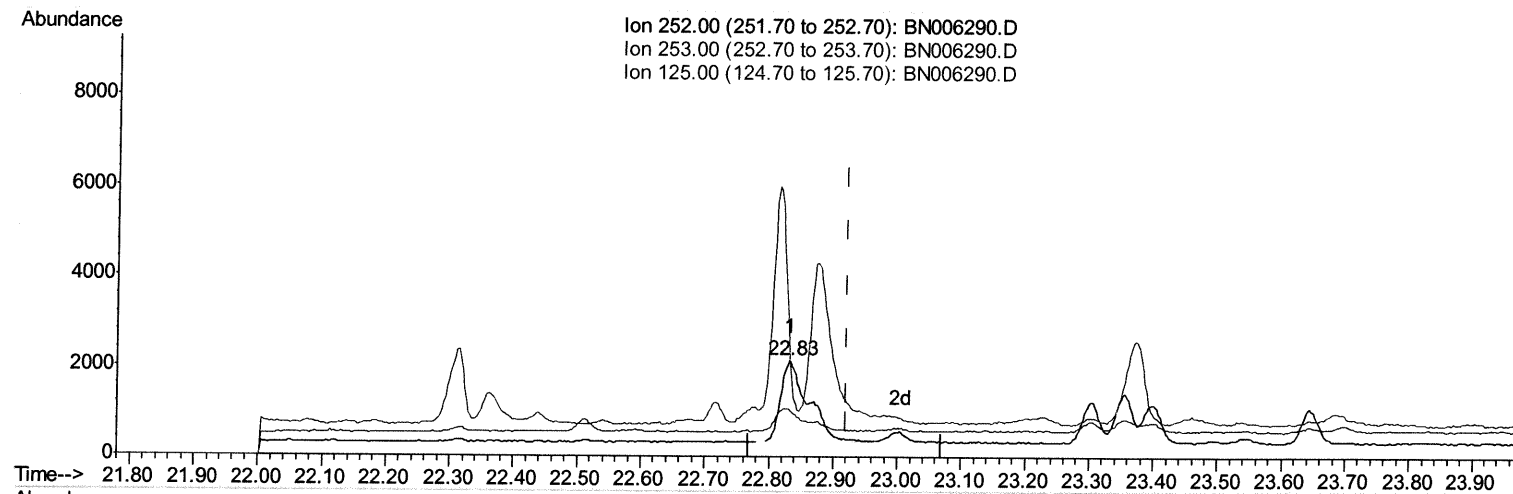
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
 Data File : BN006290.D
 Acq On : 12 Jun 2019 20:46
 Operator : JU/SJ
 Sample : K3231-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB8L8

Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:34:10 AM

Quant Time: Jun 13 02:48:13 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 : Wed Jun 12 17:24:11 2019
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.832min (-0.088) 0.10ng/ul

response 5393

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	48.34#
125.00	17.90	102.38#
0.00	0.00	0.00

Quantitation Report (Qedit)

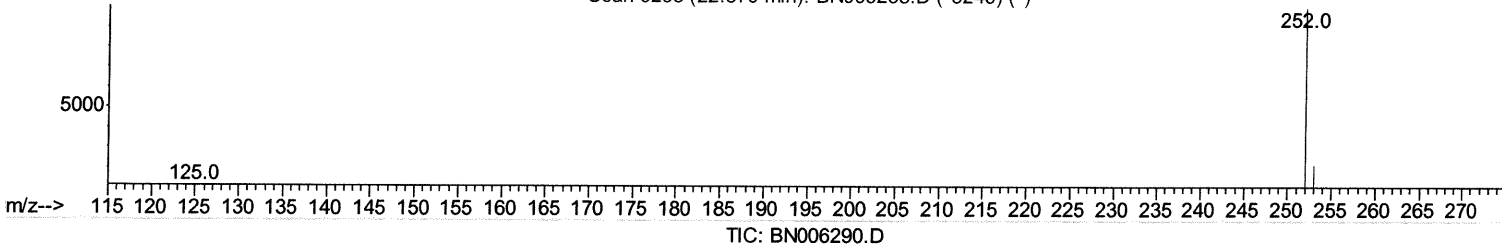
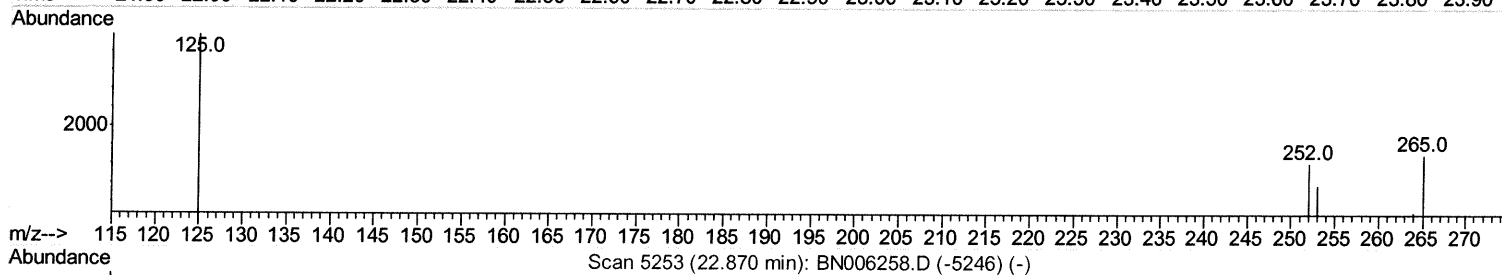
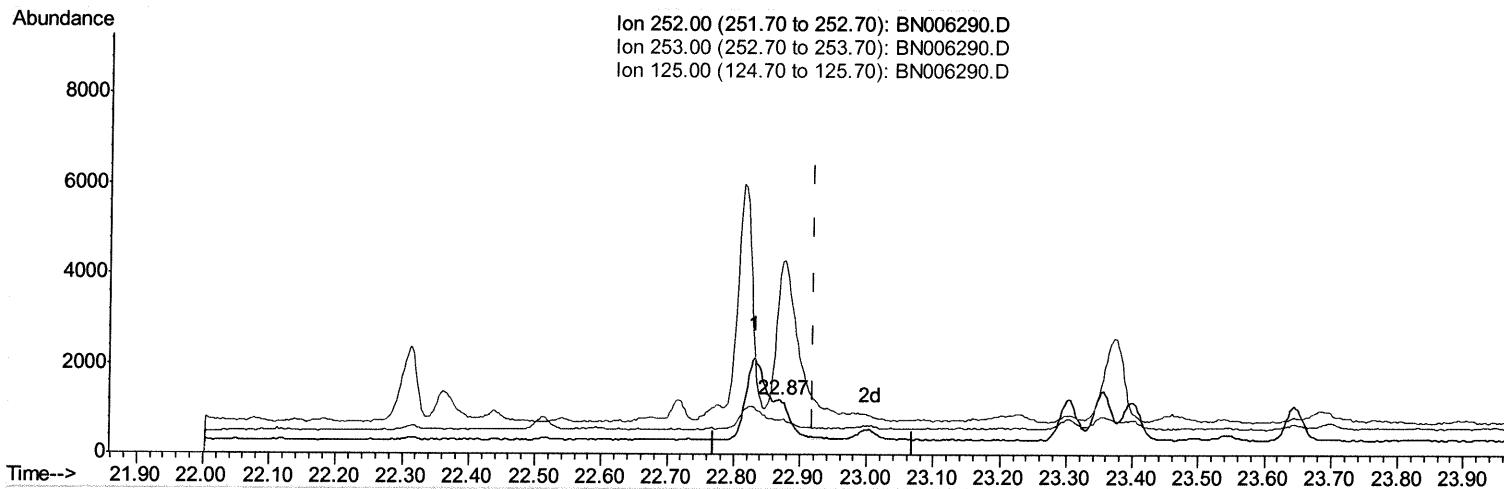
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
 Data File : BN006290.D
 Acq On : 12 Jun 2019 20:46
 Operator : JU/SJ
 Sample : K3231-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB8L8

Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:34:10 AM

Quant Time: Jun 13 02:48:13 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 : Wed Jun 12 17:24:11 2019
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.870min (-0.050) 0.03ng/ul m *JU 06/13/19*

response 1685

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	62.54#
125.00	17.90	324.34#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
 Data File : BN006290.D
 Acq On : 12 Jun 2019 20:46
 Operator : JU/SJ
 Sample : K3231-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB8L8

Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:34:10 AM

Quant Time: Jun 13 02:49:25 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 : Wed Jun 12 17:24:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	5394	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	21761	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	11368	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	21675m >	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	13198m >	0.40	ng/ul	-0.02
20) Perylene-d12	23.50	264	12955m >	0.40	ng/ul	-0.05
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	5320	0.16	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	9171m >	0.16	ng/ul	0.00
Target Compounds						
					Ovalue	
11) Pentachlorophenol	16.71	266	276m >	0.050	ng/ul	
12) Phenanthrene	17.09	178	1818m >	0.026	ng/ul	
15) Fluoranthene	19.12	202	4742m >	0.062	ng/ul	
17) Pyrene	19.49	202	3846m >	0.055	ng/ul	
18) Benzo(a)anthracene	21.25	228	1543m >	0.026	ng/ul	
19) Chrysene	21.30	228	2326m >	0.042	ng/ul	
21) Benzo(b)fluoranthene	22.83	252	3814m >	0.071	ng/ul	
22) Benzo(k)fluoranthene	22.87	252	1685m >	0.032	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.73	276	1653	0.030	ng/ul#	95
26) Benzo(g,h,i)perylene	26.42	276	1562	0.034	ng/ul#	50

JU 06/13/19

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