

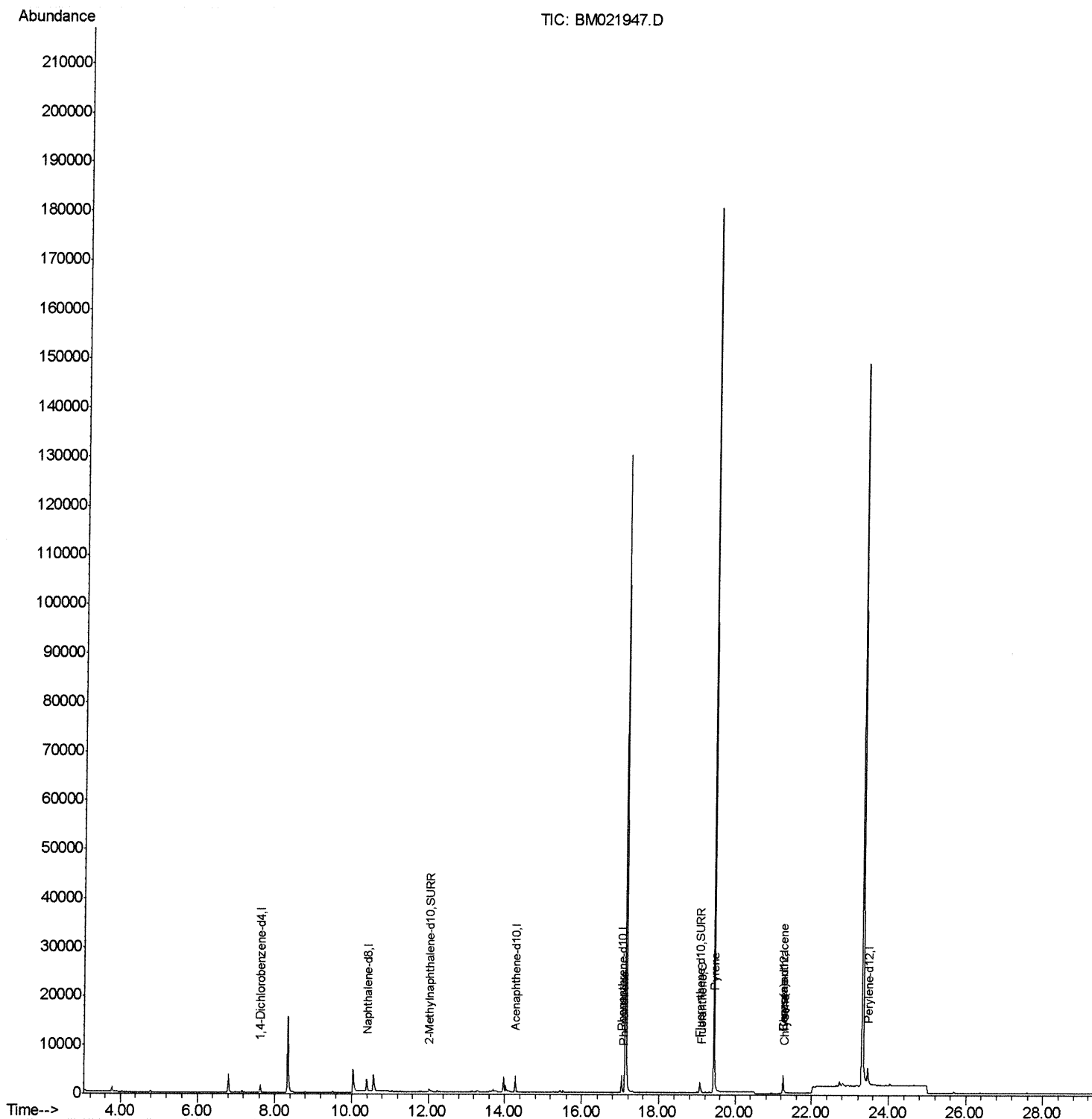
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
Data File : BM021947.D
Acq On : 08 Aug 2019 23:36
Operator : HP/JU
Sample : K4116-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLLE6

Manual Integrations
APPROVED

mohammad
8/9/2019 6:13:50 AM

Quant Time: Aug 09 04:30:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

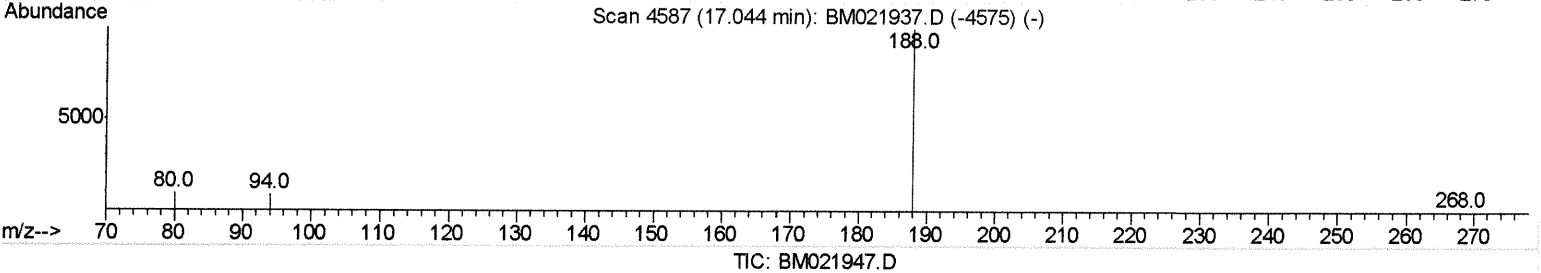
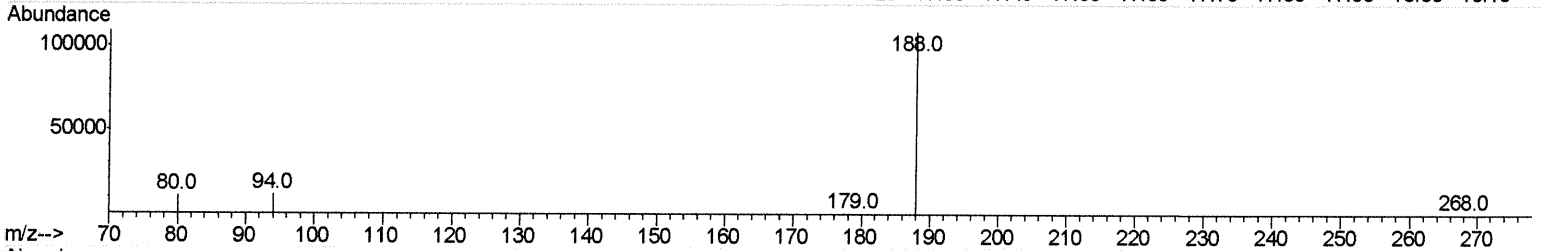
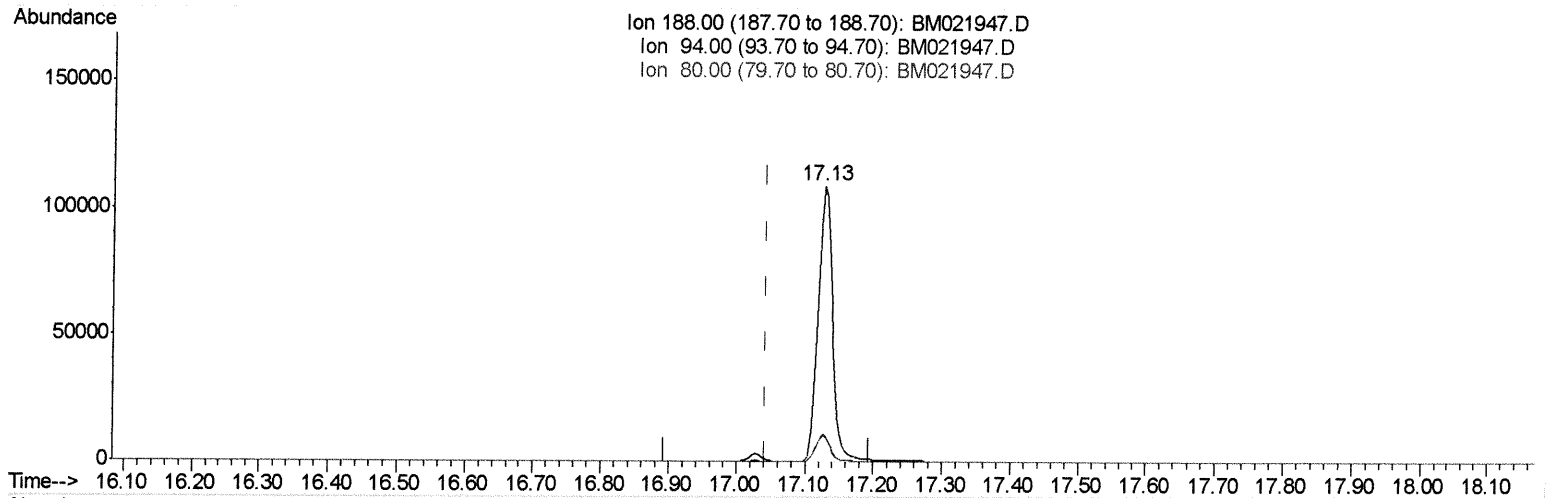
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
 Data File : BM021947.D
 Acq On : 08 Aug 2019 23:36
 Operator : HP/JU
 Sample : K4116-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLLE6

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:13:50 AM

Quant Time: Aug 09 01:33:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 09 01:29:50 2019
 Response via : Initial Calibration



TIC: BM021947.D

(10) Phenanthrene-d10 (I)

17.126min (+0.082) 0.40ng/ul

response 156182

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	10.09
80.00	11.40	9.56
0.00	0.00	0.00

Quantitation Report (Qedit)

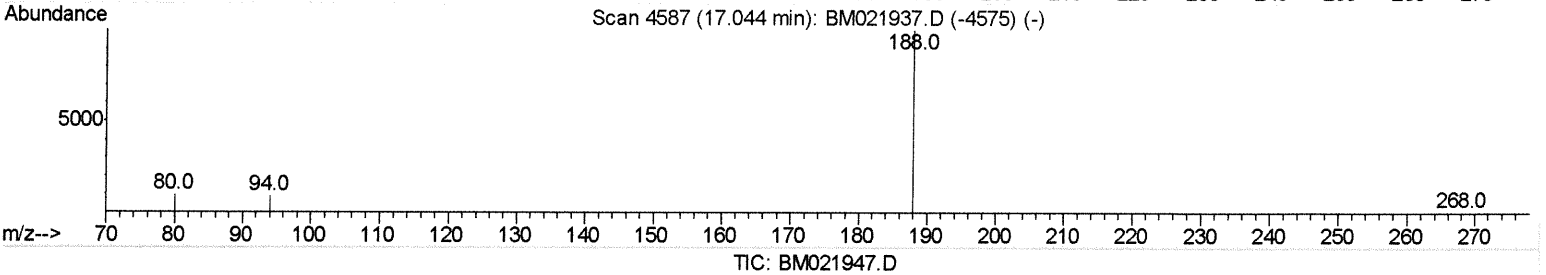
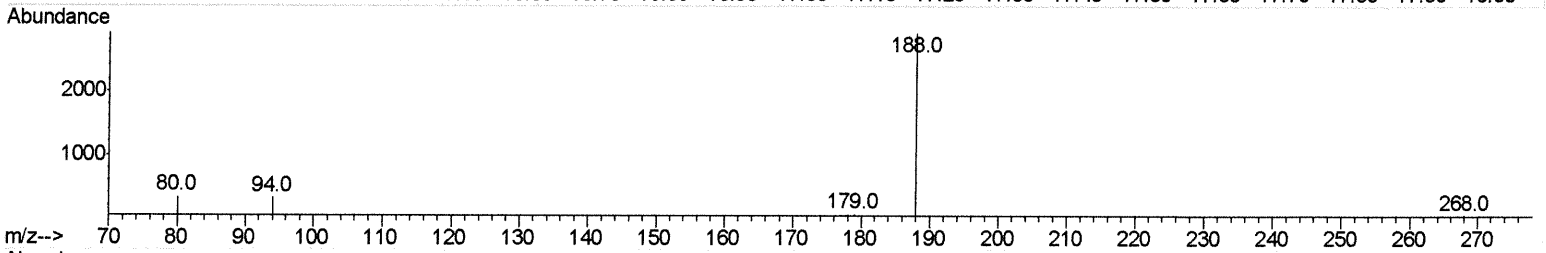
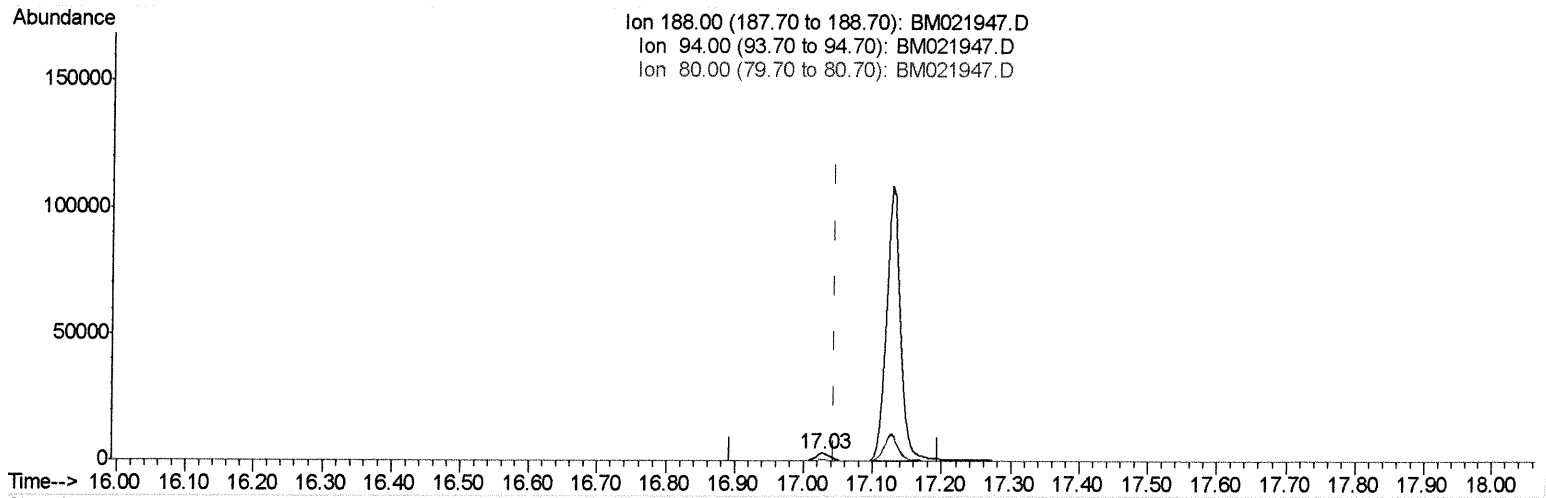
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
 Data File : BM021947.D
 Acq On : 08 Aug 2019 23:36
 Operator : HP/JU
 Sample : K4116-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLLE6

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:13:50 AM

Quant Time: Aug 09 01:33:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 09 01:29:50 2019
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.029min (-0.015) 0.40ng/ul m *JU 08/09/19*

response 4061

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	10.83
80.00	11.40	11.41
0.00	0.00	0.00

Quantitation Report (Qedit)

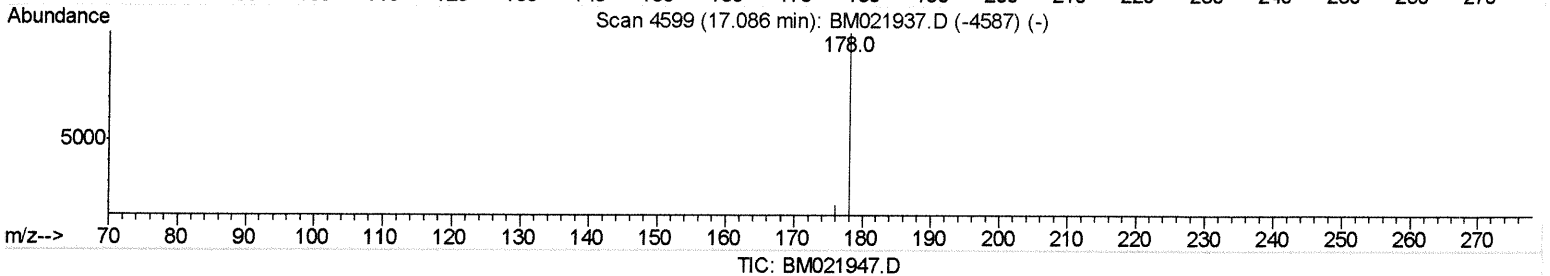
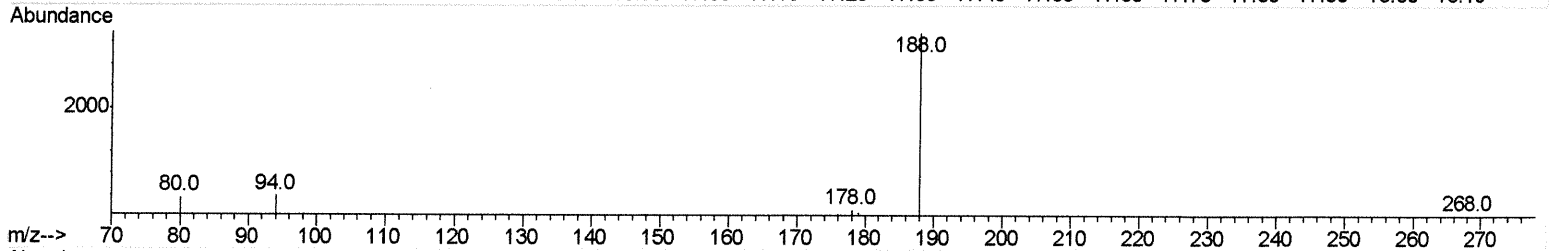
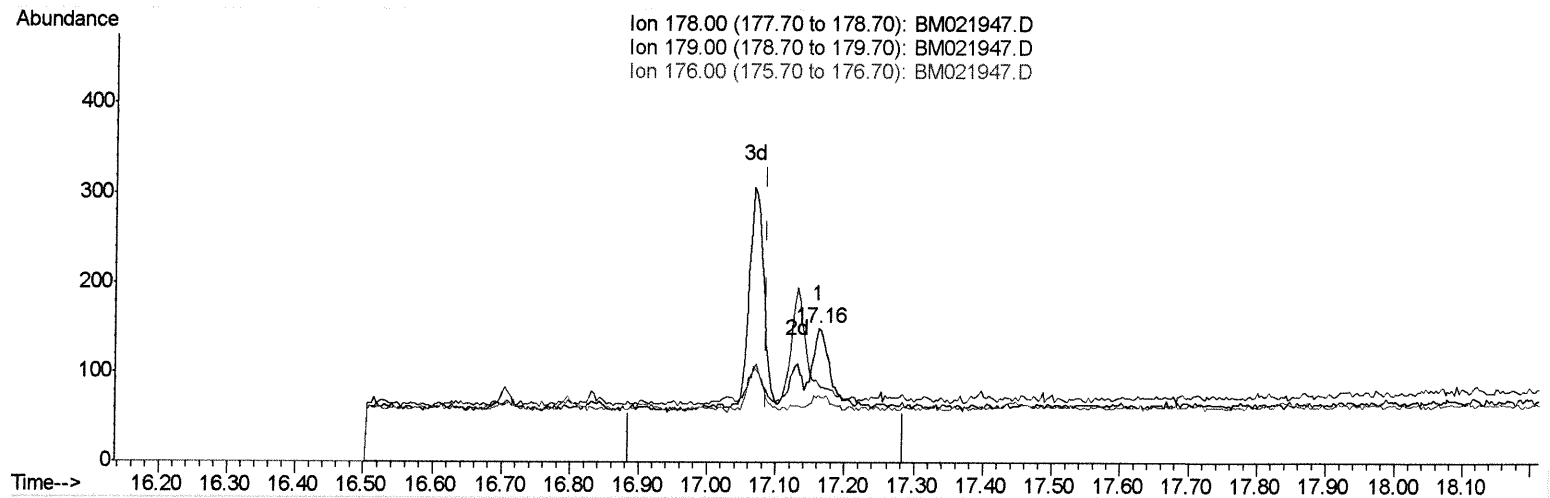
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
Data File : BM021947.D
Acq On : 08 Aug 2019 23:36
Operator : HP/JU
Sample : K4116-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLLE6

Manual Integrations
APPROVED

mohammad
8/9/2019 6:13:50 AM

Quant Time: Aug 09 04:27:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



(12) Phenanthrene

17.161min (+0.075) 0.01ng/ul

response 141

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	57.33#
176.00	21.00	50.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

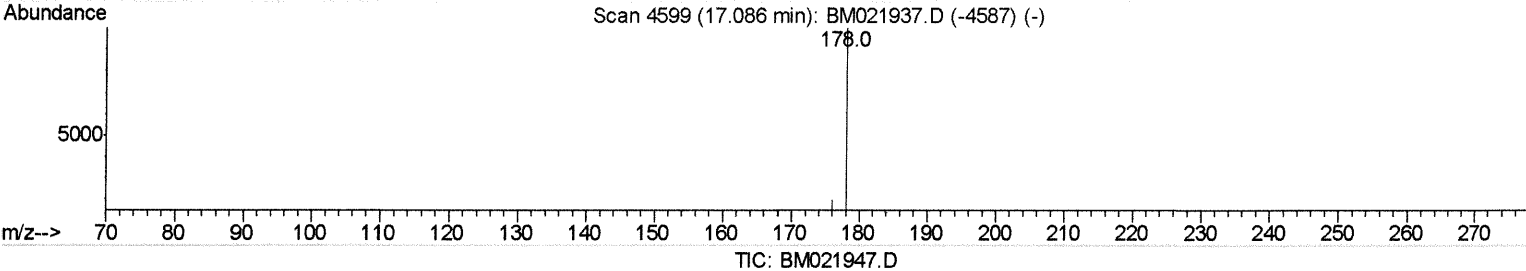
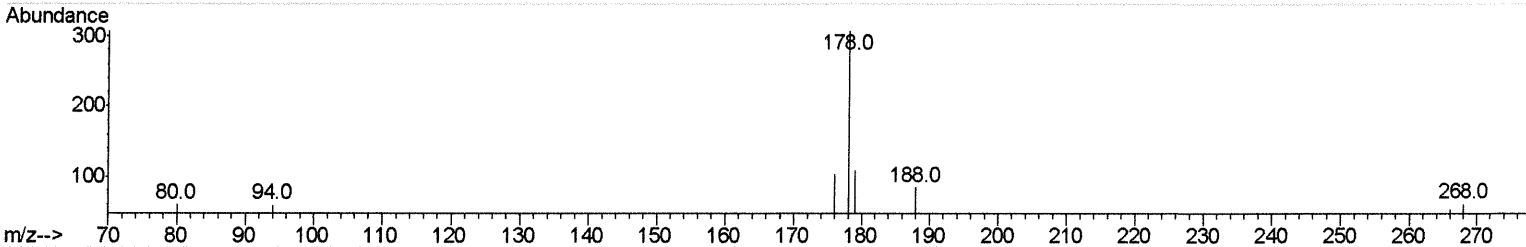
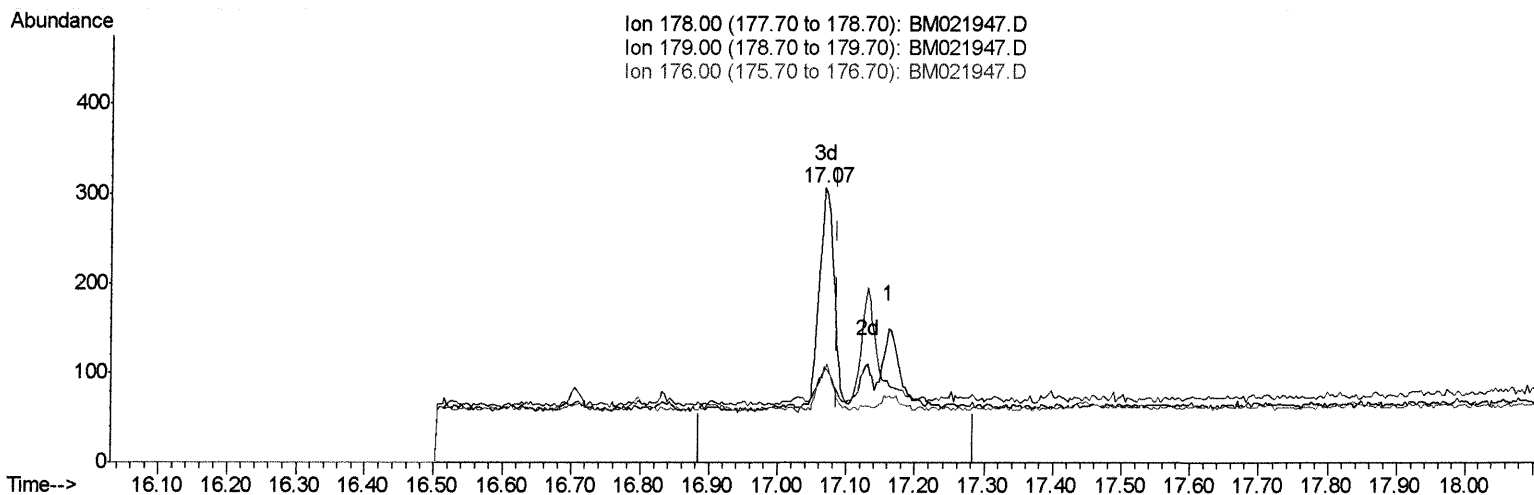
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
 Data File : BM021947.D
 Acq On : 08 Aug 2019 23:36
 Operator : HP/JU
 Sample : K4116-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 JLLE6

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:13:50 AM

Quant Time: Aug 09 04:27:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 09 01:29:50 2019
 Response via : Initial Calibration



(12) Phenanthrene

17.067min (-0.019) 0.03ng/ul m *JU 08/09/19*

response 363

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	35.18#
176.00	21.00	33.55#
0.00	0.00	0.00

Quantitation Report (Qedit)

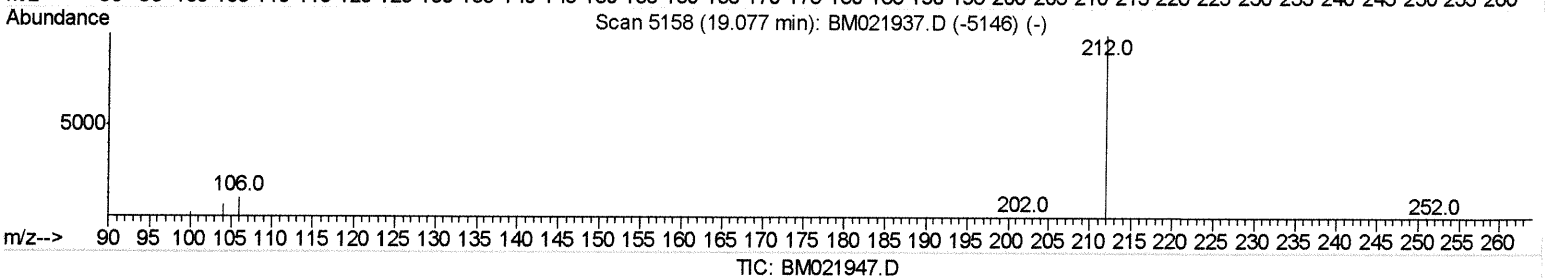
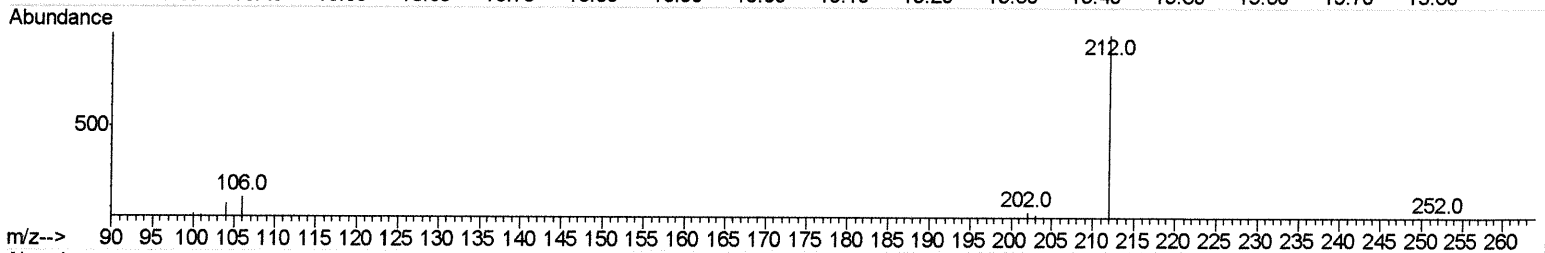
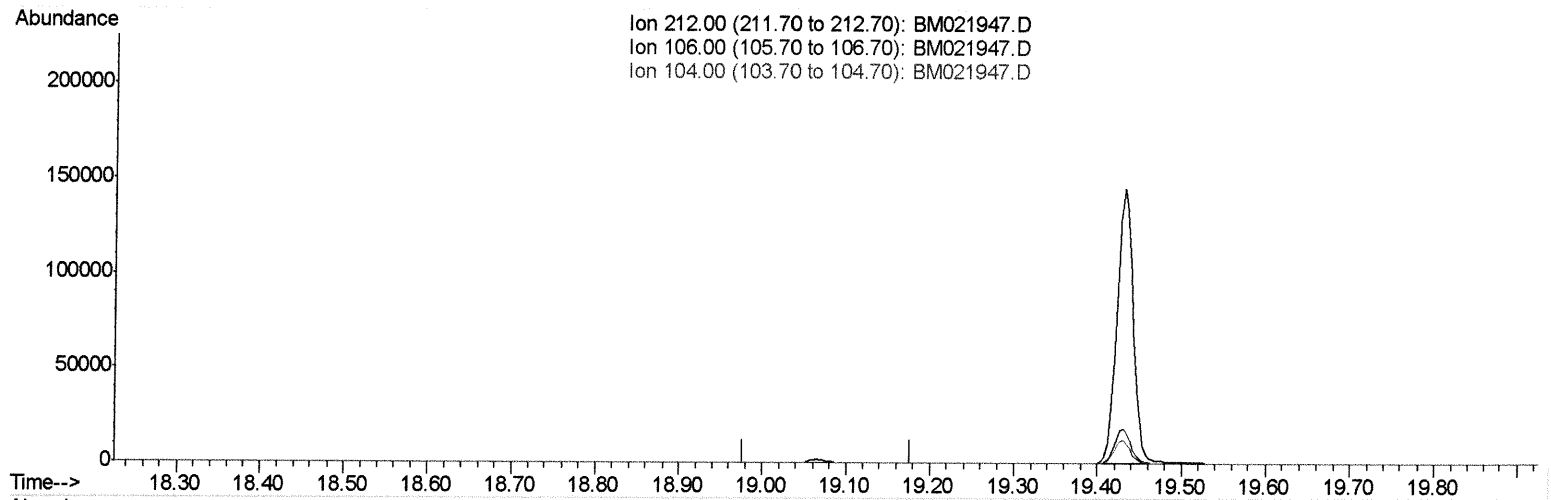
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
Data File : BM021947.D
Acq On : 08 Aug 2019 23:36
Operator : HP/JU
Sample : K4116-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLLE6

Manual Integrations
APPROVED

mohammad
8/9/2019 6:13:50 AM

Quant Time: Aug 09 04:27:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.077min (-19.077) 0.00ng/ui

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	9.90	0.00#
104.00	6.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

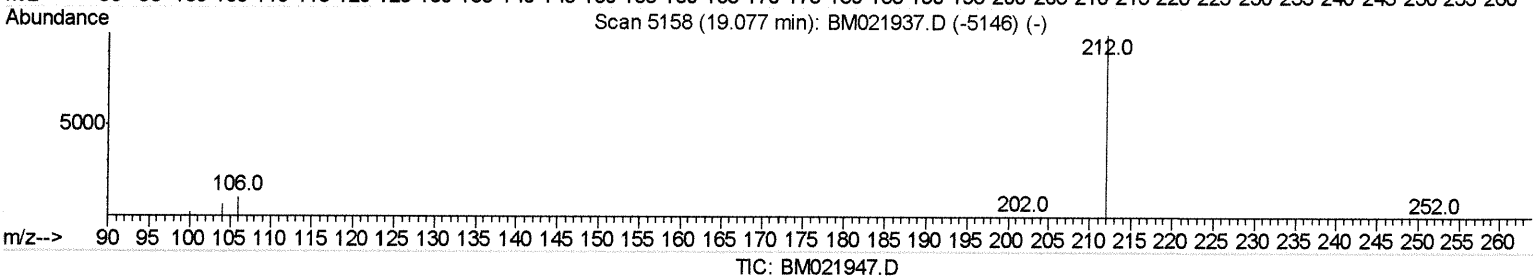
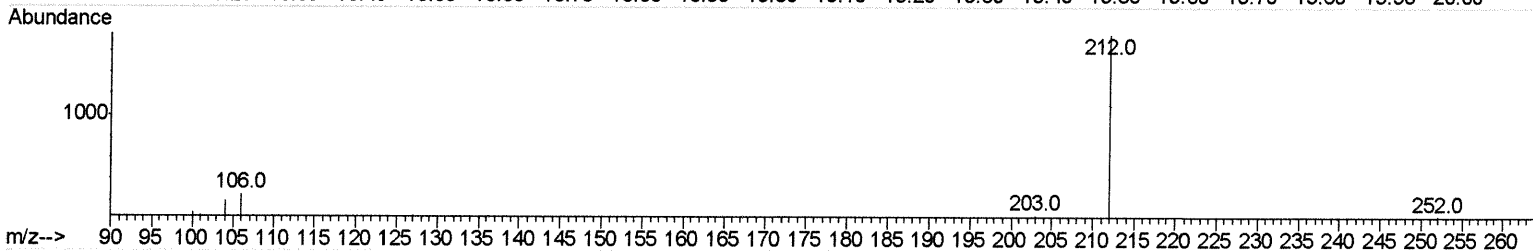
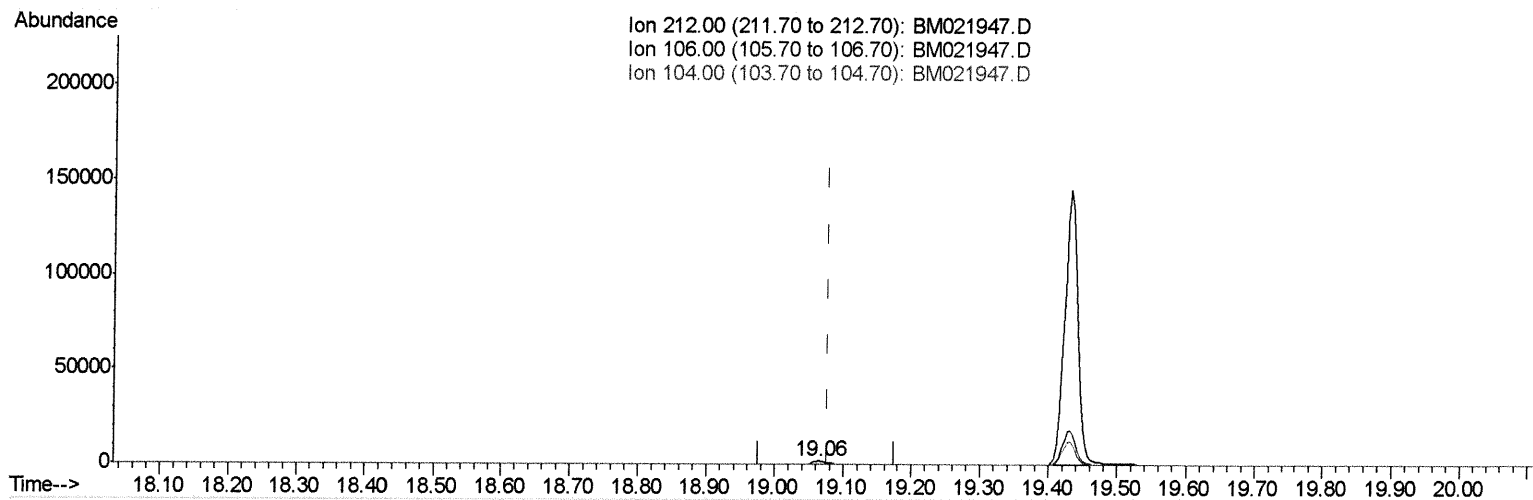
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
 Data File : BM021947.D
 Acq On : 08 Aug 2019 23:36
 Operator : HP/JU
 Sample : K4116-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLLE6

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:13:50 AM

Quant Time: Aug 09 04:27:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 09 01:29:50 2019
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.064min (-0.013) 0.18ng/ui m *JU 08/09/19*

response 2427

Ion	Exp%	Act%
212.00	100	100
106.00	9.90	0.00#
104.00	6.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

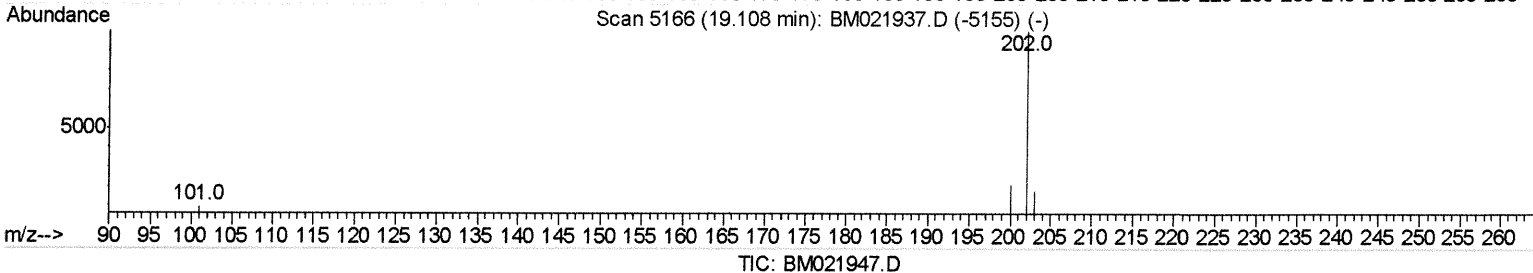
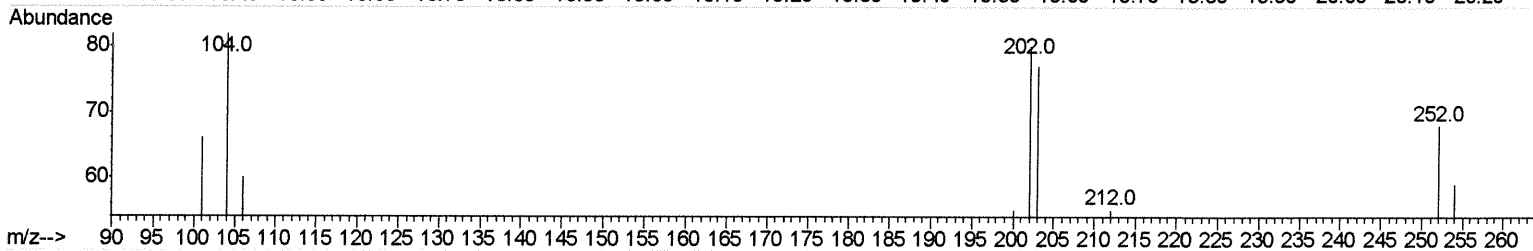
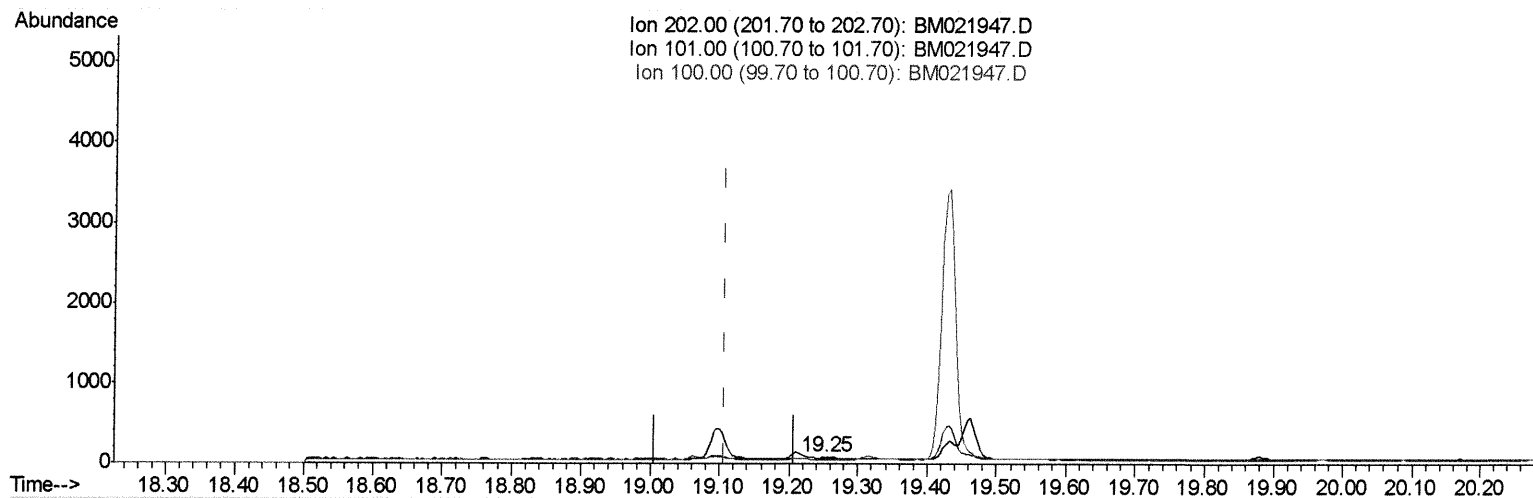
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
 Data File : BM021947.D
 Acq On : 08 Aug 2019 23:36
 Operator : HP/JU
 Sample : K4116-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLLE6

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:13:50 AM

Quant Time: Aug 09 04:27:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 09 01:29:50 2019
 Response via : Initial Calibration



(15) Fluoranthene (C)

19.251min (+0.143) 0.00ng/ui

response 38

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	82.50#
100.00	8.10	67.50#
0.00	0.00	0.00

Quantitation Report (Qedit)

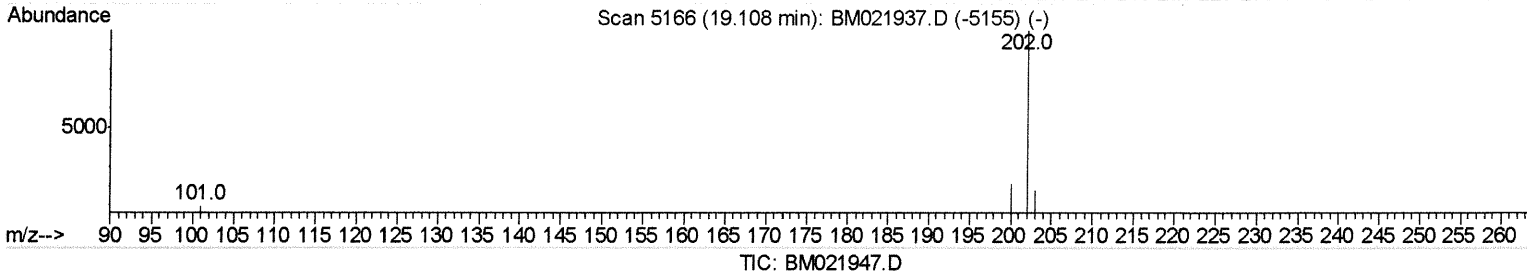
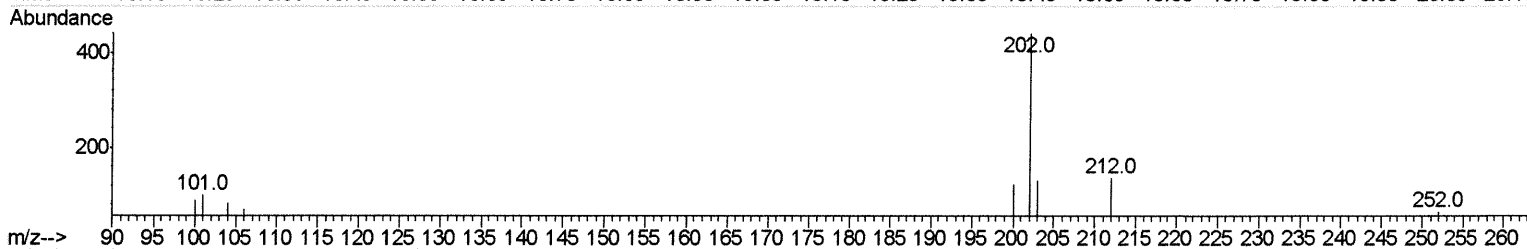
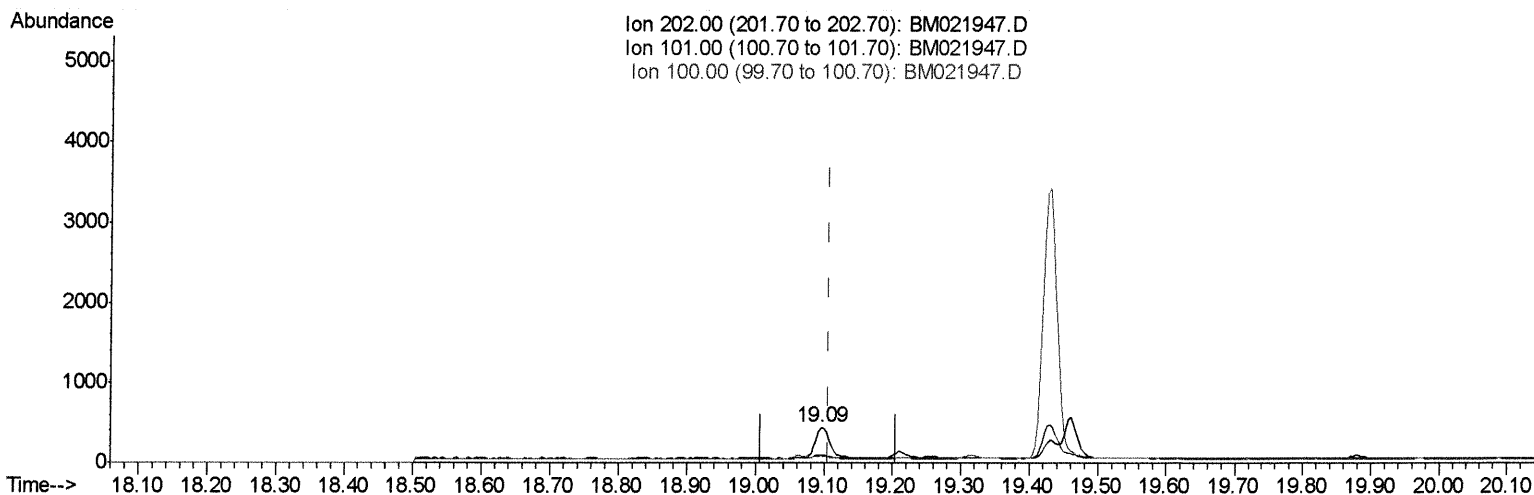
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
 Data File : BM021947.D
 Acq On : 08 Aug 2019 23:36
 Operator : HP/JU
 Sample : K4116-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLLE6

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:13:50 AM

Quant Time: Aug 09 04:27:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 09 01:29:50 2019
 Response via : Initial Calibration



(15) Fluoranthene (C)

19.095min (-0.013) 0.04ng/ul m *JU 08/09/19*

response 606

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	22.22
100.00	8.10	19.95
0.00	0.00	0.00

Quantitation Report (Qedit)

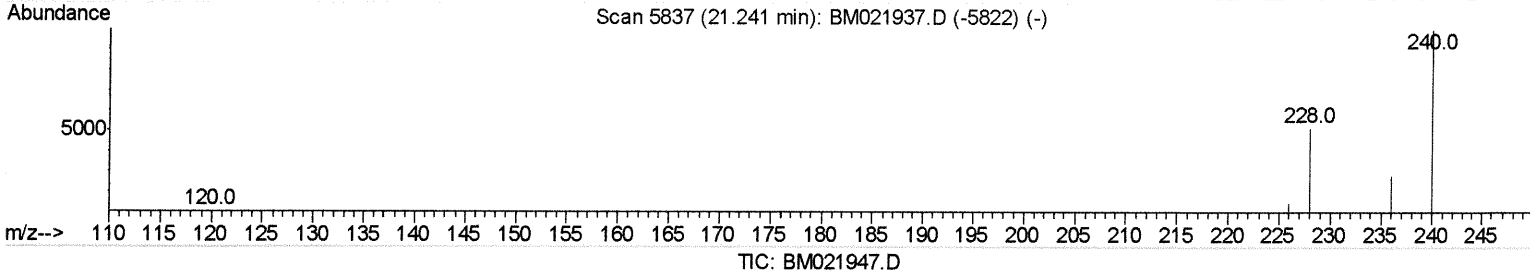
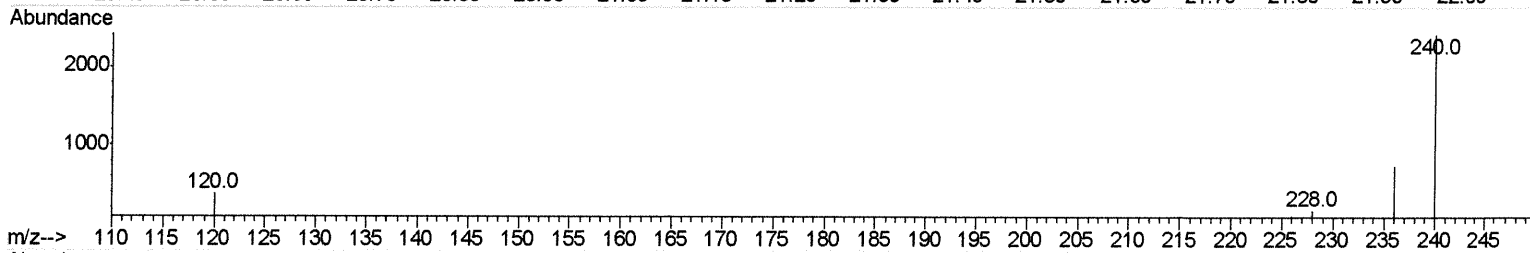
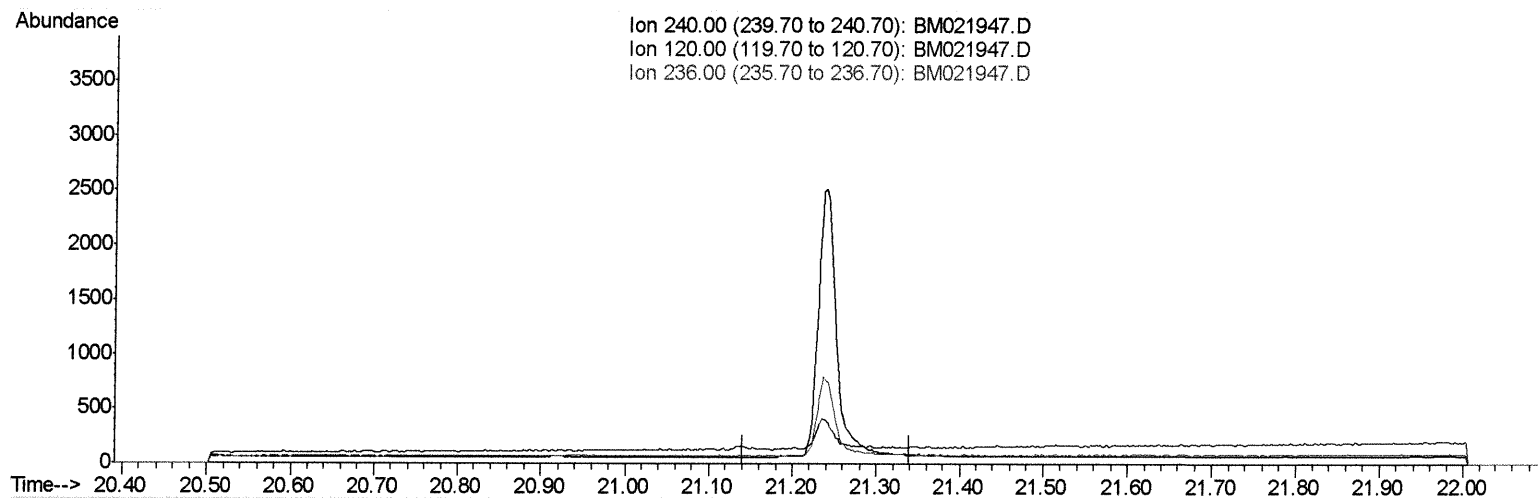
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
 Data File : BM021947.D
 Acq On : 08 Aug 2019 23:36
 Operator : HP/JU
 Sample : K4116-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLLE6

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:13:50 AM

Quant Time: Aug 09 04:27:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 09 01:29:50 2019
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.241min (-21.241) 0.00ng/ul

response 0

Ion	Exp%	Act%
240.00	100	0.00
120.00	16.20	0.00#
236.00	32.30	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

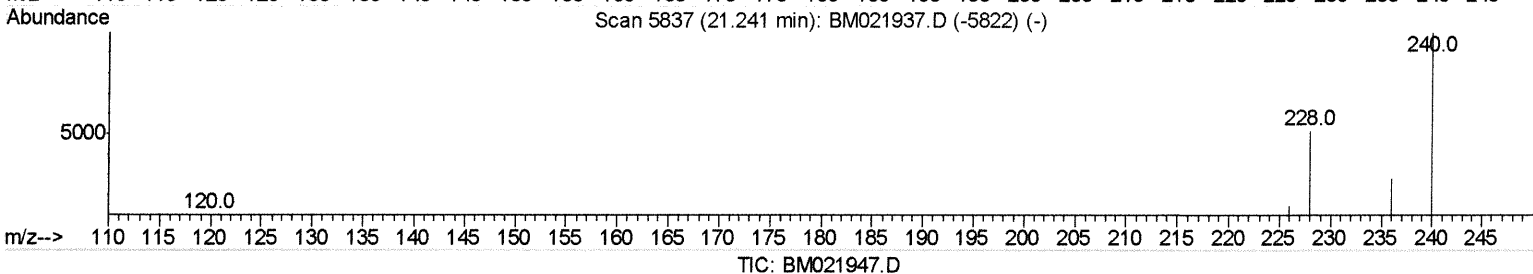
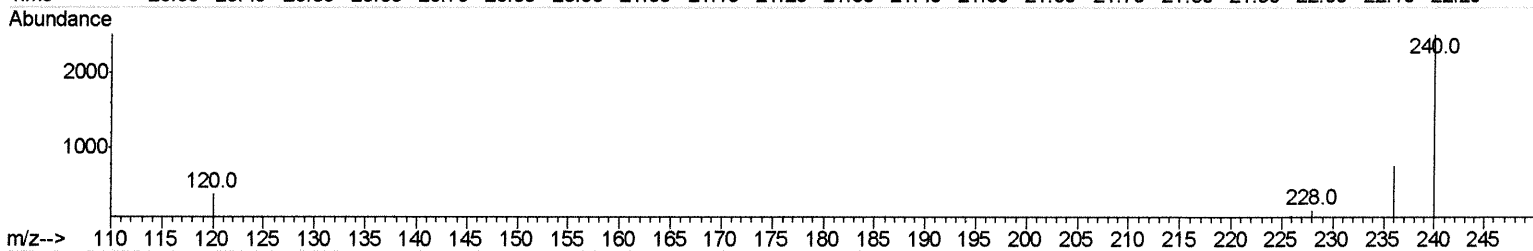
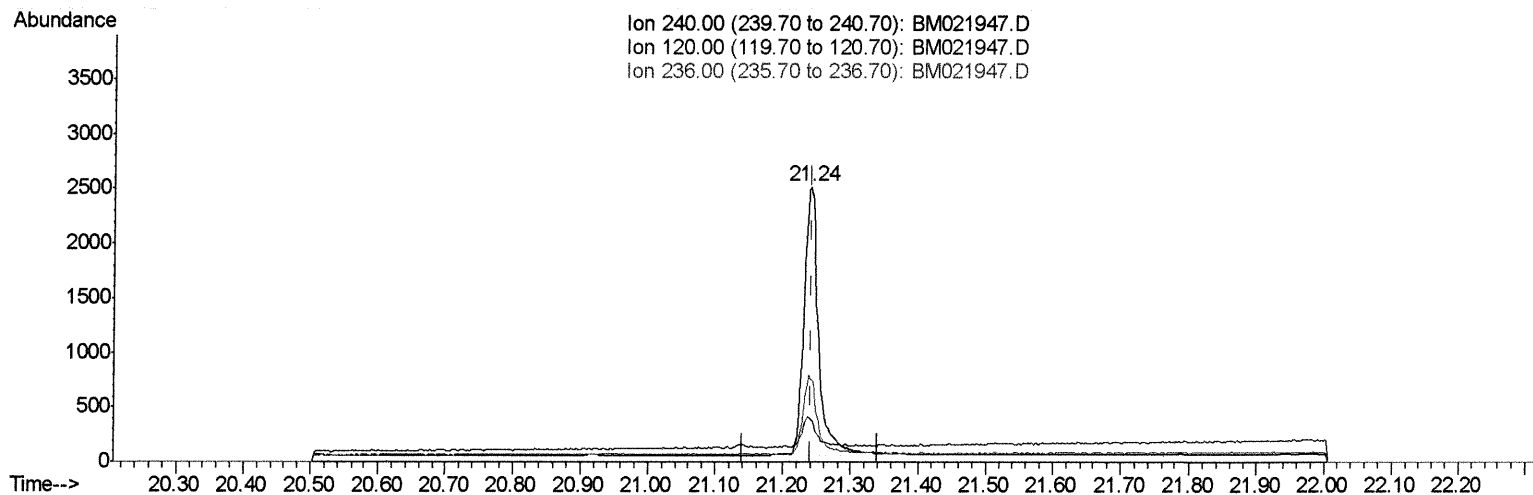
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
Data File : BM021947.D
Acq On : 08 Aug 2019 23:36
Operator : HP/JU
Sample : K4116-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLLE6

Manual Integrations
APPROVED

mohammad
8/9/2019 6:13:50 AM

Quant Time: Aug 09 04:27:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.239min (-0.002) 0.40ng/ul m

response 3755

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	16.02
236.00	32.30	30.66
0.00	0.00	0.00

JU
08/09/19

Data File : BM021947.D

Acq On : 08 Aug 2019 23:36

Operator : HP/JU

Sample : K4116-14

Misc :

ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 19 04:43:01 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Aug 09 01:29:50 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

JLLE6

Manual Integrations

APPROVED

mohammad

8/9/2019 6:13:50 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	792	0.40	ng/ul	0.00
2) Naphthalene-d8	10.40	136	3434	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	1840	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	4061m→	0.40	ng/ul	-0.02
16) Chrysene-d12	21.24	240	3755m→	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	5924	0.40	ng/ul	0.00

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.02	152	941	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	2427m→	0.18	ng/ul	-0.01

Target Compounds

					Qvalue
12) Phenanthrene	17.07	178	363m→	0.031	ng/ul
15) Fluoranthene	19.09	202	606m→	0.038	ng/ul
17) Pyrene	19.46	202	729	0.047	ng/ul#
18) Benzo(a)anthracene	21.22	228	397	0.030	ng/ul#

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