

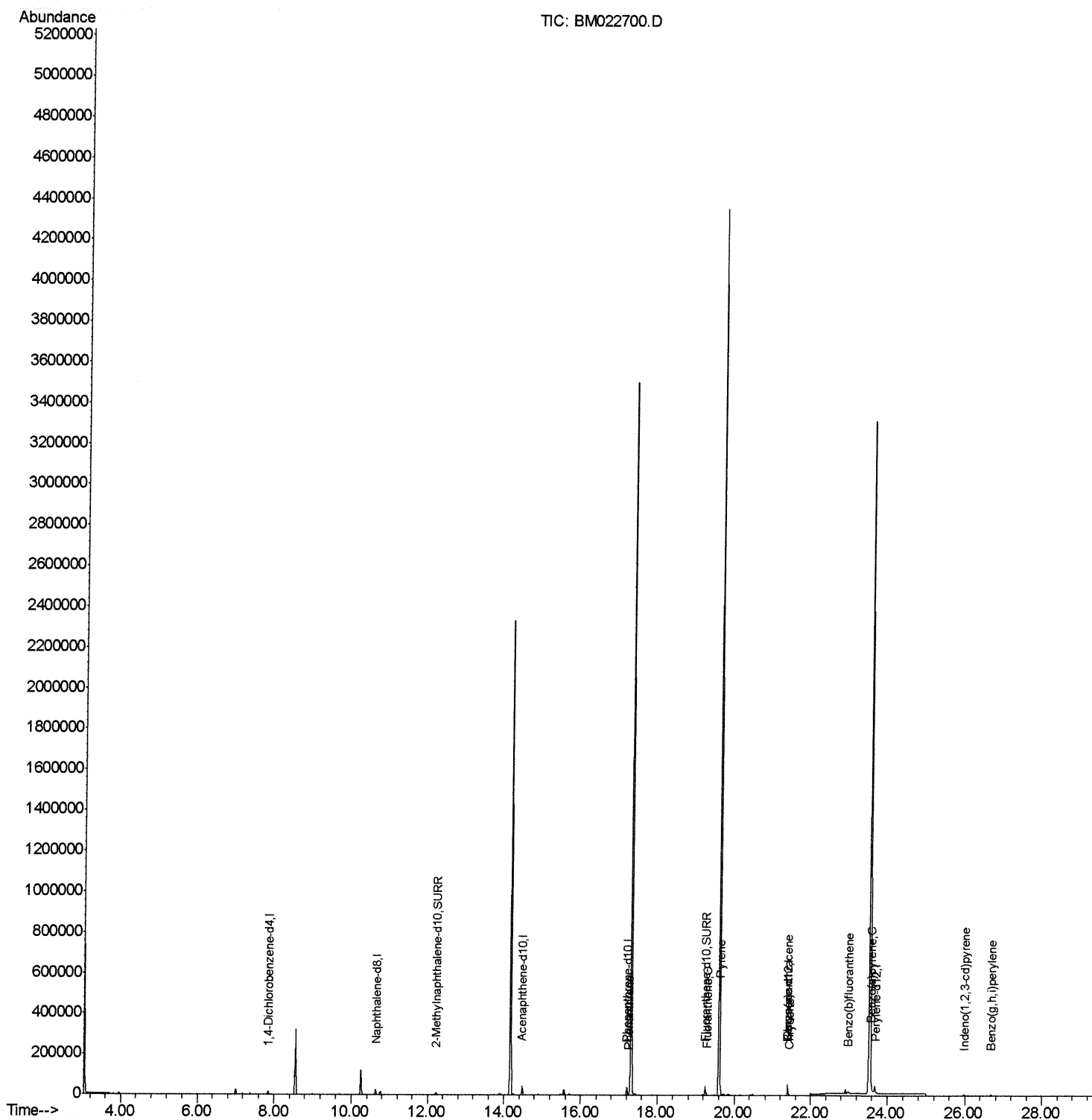
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091719\
Data File : BM022700.D
Acq On : 17 Sep 2019 10:46
Operator : HP/JU
Sample : K4780-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
H0BN0

Manual Integrations
APPROVED

mohammad
9/19/2019 4:44:17 PM

Quant Time: Sep 17 18:03:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

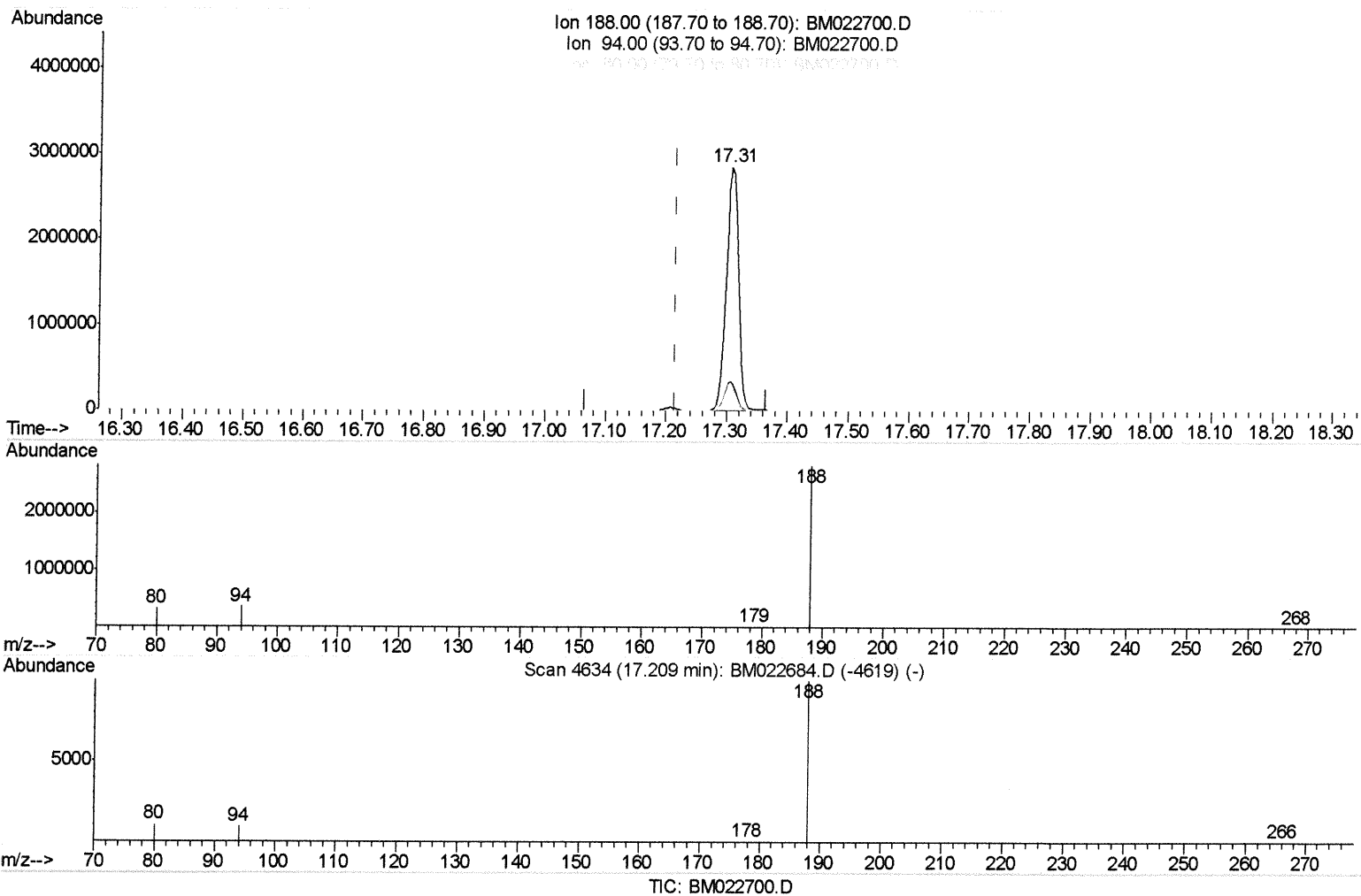
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091719\
 Data File : BM022700.D
 Acq On : 17 Sep 2019 10:46
 Operator : HP/JU
 Sample : K4780-10
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0BN0

Manual Integrations
 APPROVED

mohammad
 9/19/2019 4:44:17 PM

Quant Time: Sep 17 17:51:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM091019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 10 15:06:45 2019
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.306min (+0.090) 0.40ng/ul

response 4003932

Ion	Exp%	Act%
188.00	100	100
94.00	9.80	12.19#
80.00	11.00	10.71
0.00	0.00	0.00

Quantitation Report (Qedit)

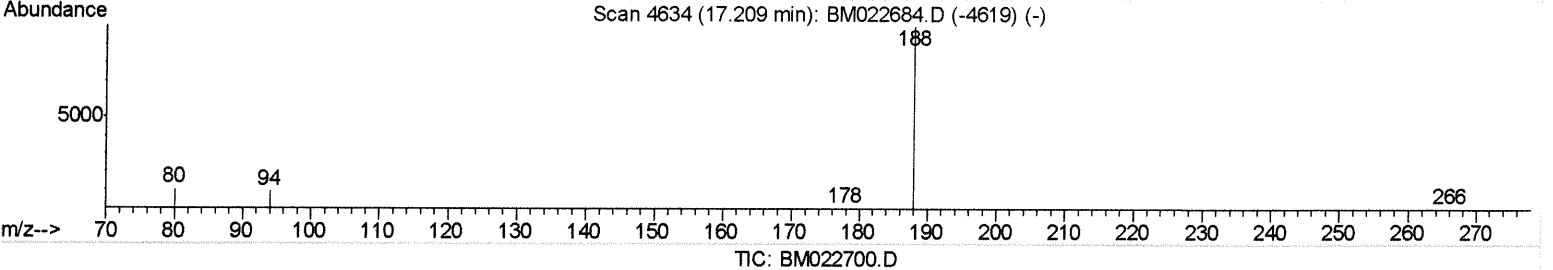
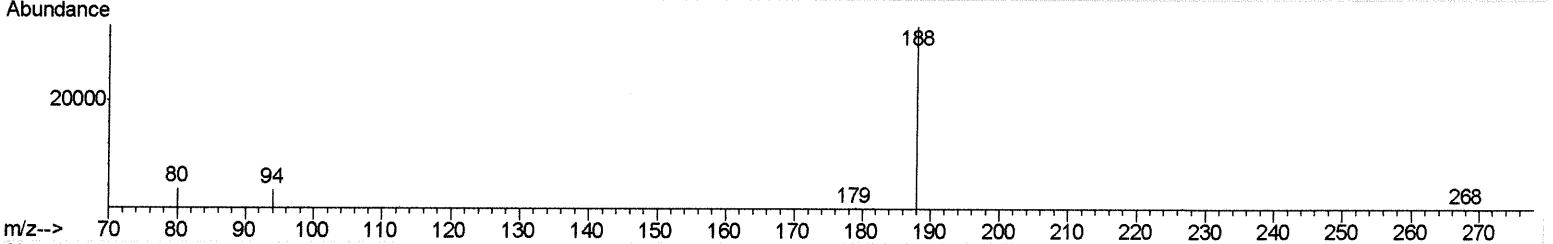
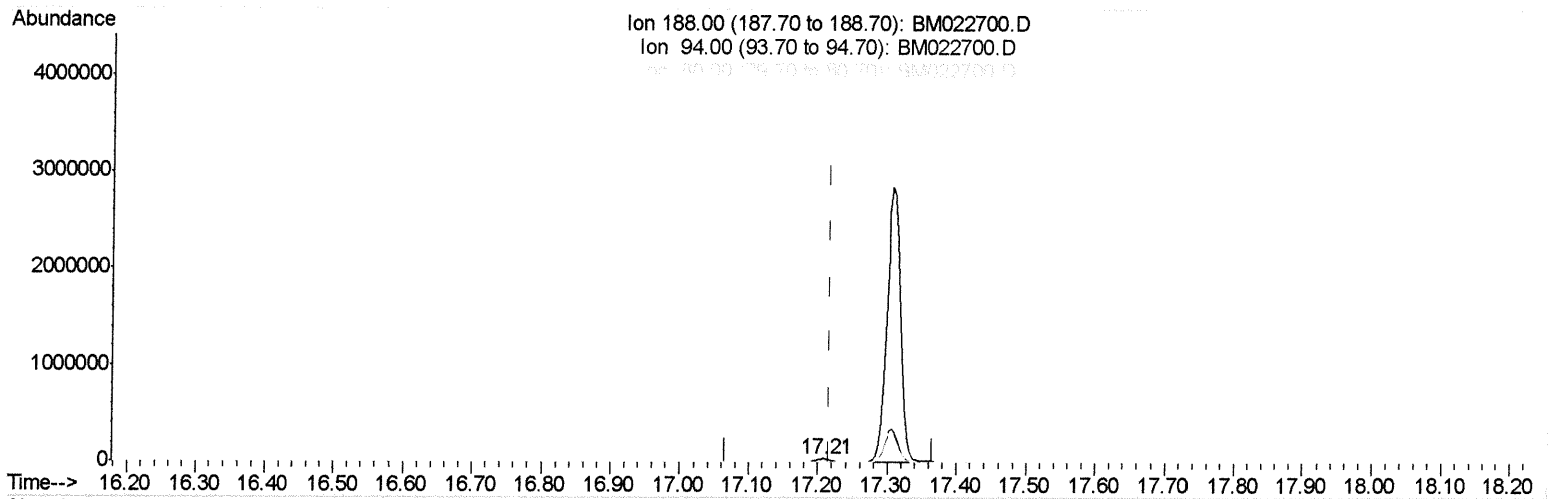
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091719\
 Data File : BM022700.D
 Acq On : 17 Sep 2019 10:46
 Operator : HP/JU
 Sample : K4780-10
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0BN0

Manual Integrations
 APPROVED

mohammad
 9/19/2019 4:44:17 PM

Quant Time: Sep 17 17:51:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM091019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 10 15:06:45 2019
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.209min (-0.007) 0.40ng/ul mJU 09/24/19

response 48043

Ion	Exp%	Act%
188.00	100	100
94.00	9.80	9.91
80.00	11.00	10.67
0.00	0.00	0.00

Quantitation Report (Qedit)

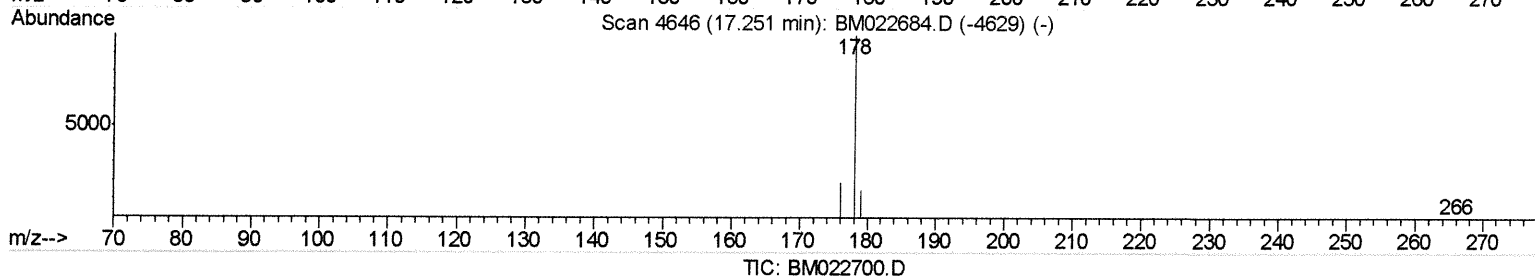
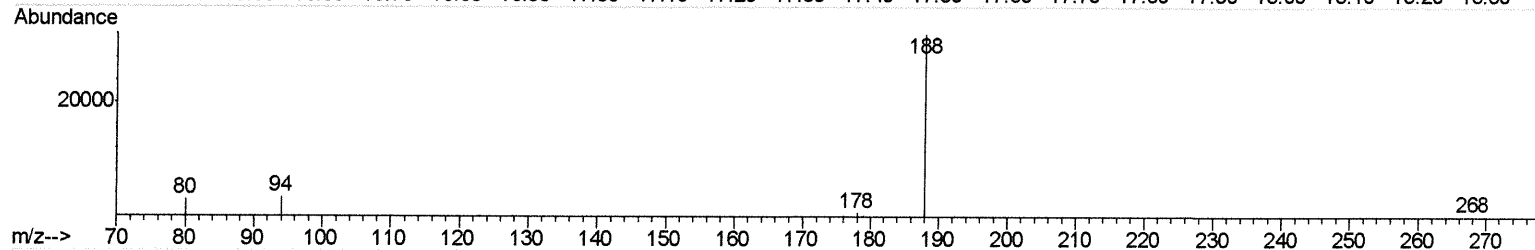
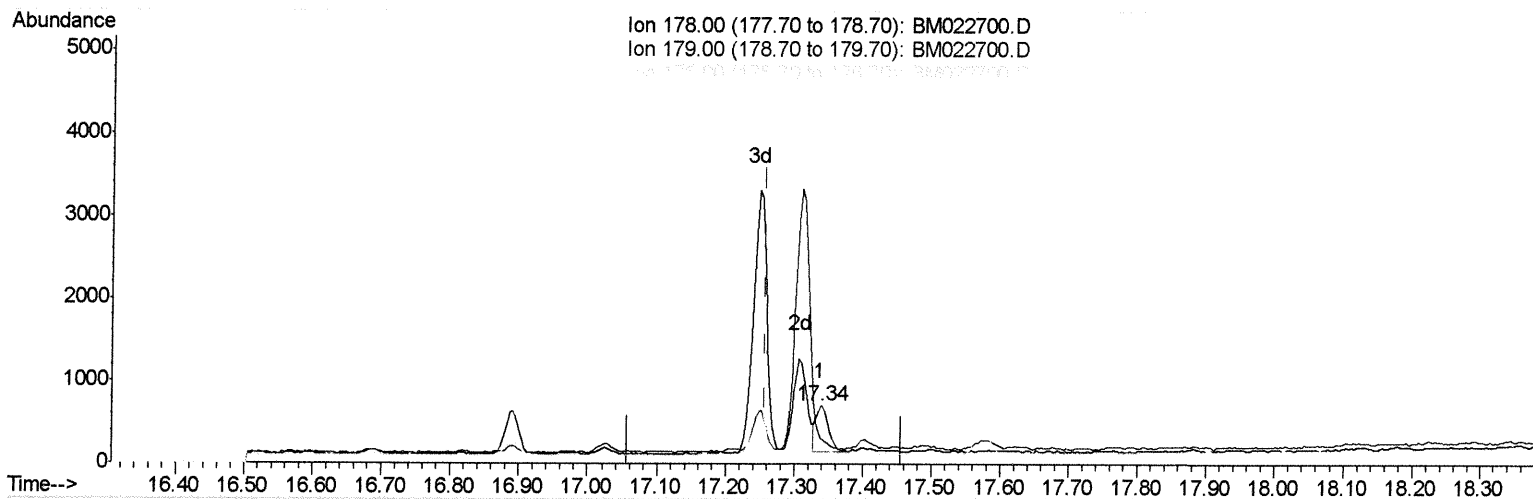
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091719\
 Data File : BM022700.D
 Acq On : 17 Sep 2019 10:46
 Operator : HP/JU
 Sample : K4780-10
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0BN0

Manual Integrations
 APPROVED

mohammad
 9/19/2019 4:44:17 PM

Quant Time: Sep 17 18:01:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM091019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 10 15:06:45 2019
 Response via : Initial Calibration



TIC: BM022700.D

(12) Phenanthrene

17.338min (+0.080) 0.00ng/ul

response 734

Ion	Exp%	Act%
178.00	100	100
179.00	15.50	43.56#
176.00	19.10	33.10#
0.00	0.00	0.00

Quantitation Report (Qedit)

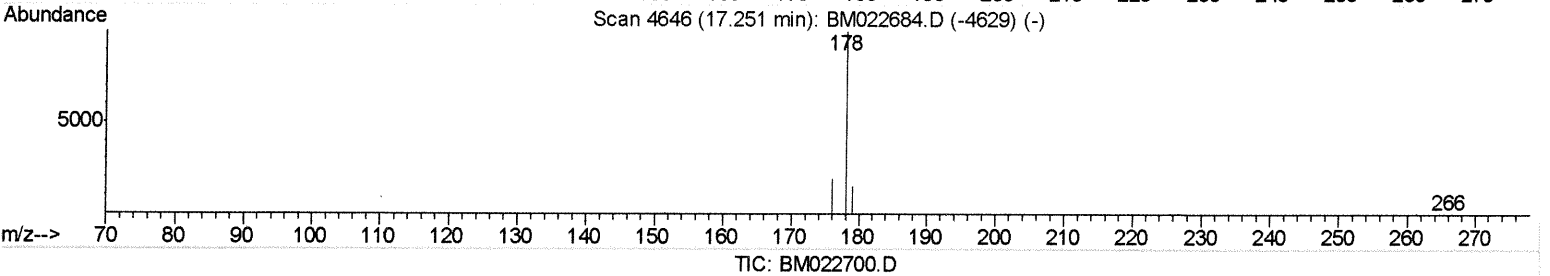
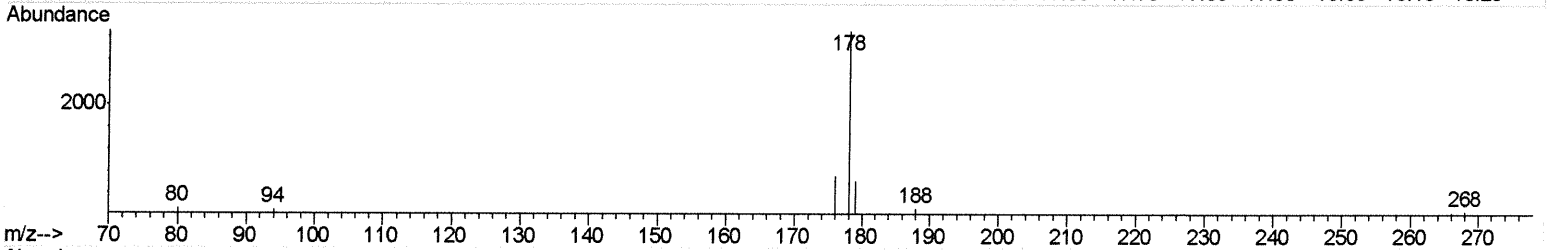
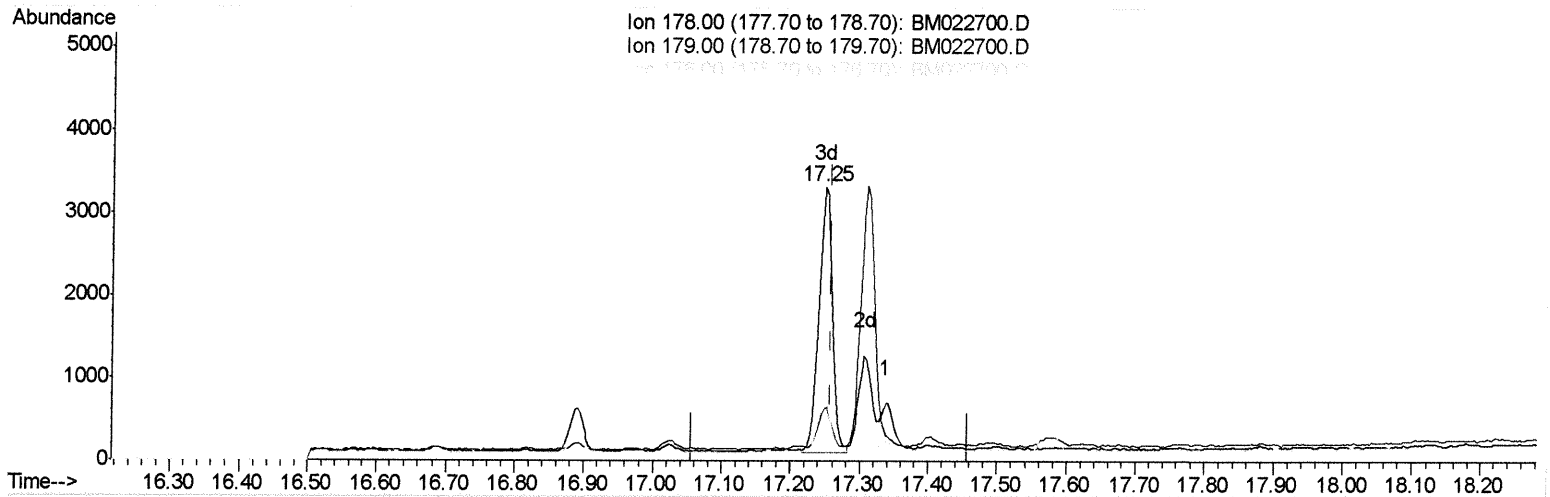
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091719\
 Data File : BM022700.D
 Acq On : 17 Sep 2019 10:46
 Operator : HP/JU
 Sample : K4780-10
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0BN0

Manual Integrations
 APPROVED

mohammad
 9/19/2019 4:44:17 PM

Quant Time: Sep 17 18:01:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM091019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 10 15:06:45 2019
 Response via : Initial Calibration



(12) Phenanthrene

17.247min (-0.011) 0.03ng/ul mJU 09/24/19

response 4456

Ion	Exp%	Act%
178.00	100	100
179.00	15.50	19.01#
176.00	19.10	21.97
0.00	0.00	0.00

Quantitation Report (Qedit)

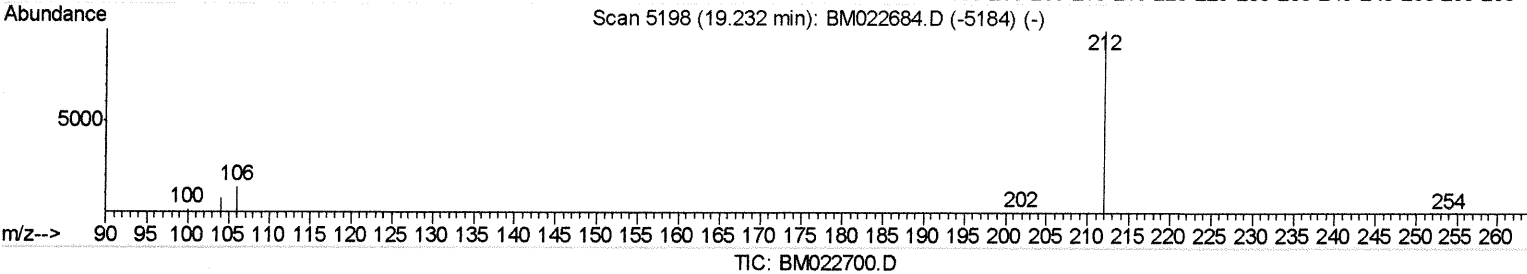
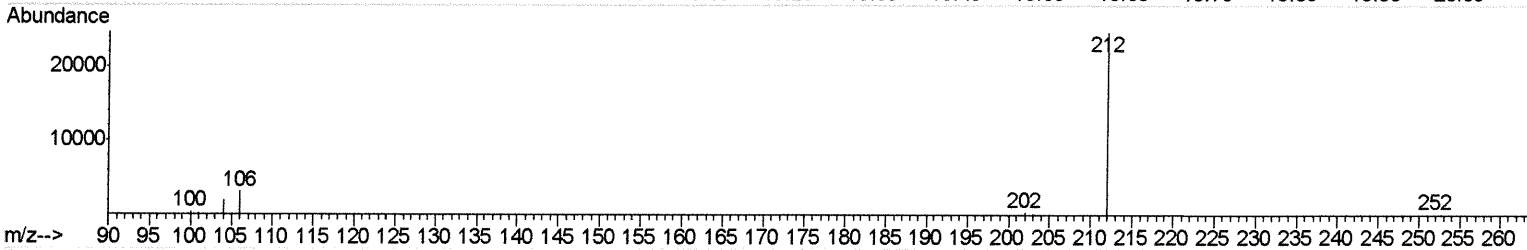
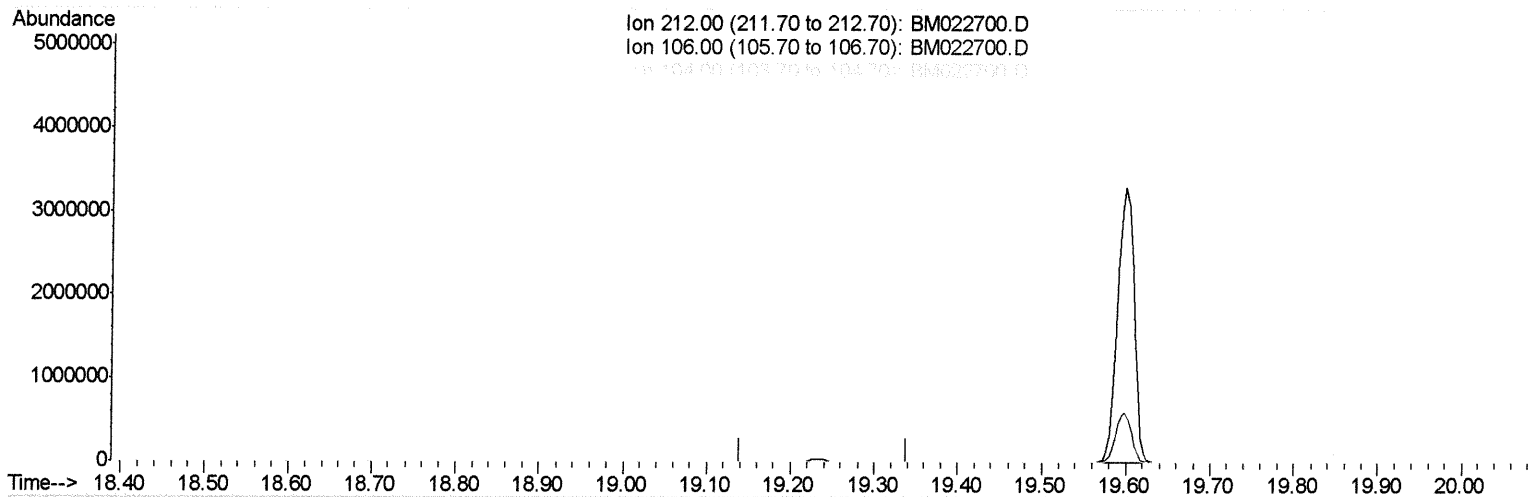
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091719\
 Data File : BM022700.D
 Acq On : 17 Sep 2019 10:46
 Operator : HP/JU
 Sample : K4780-10
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0BN0

Manual Integrations
 APPROVED

mohammad
 9/19/2019 4:44:17 PM

Quant Time: Sep 17 18:01:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM091019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 10 15:06:45 2019
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.240min (-19.240) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	14.00	0.00#
104.00	8.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

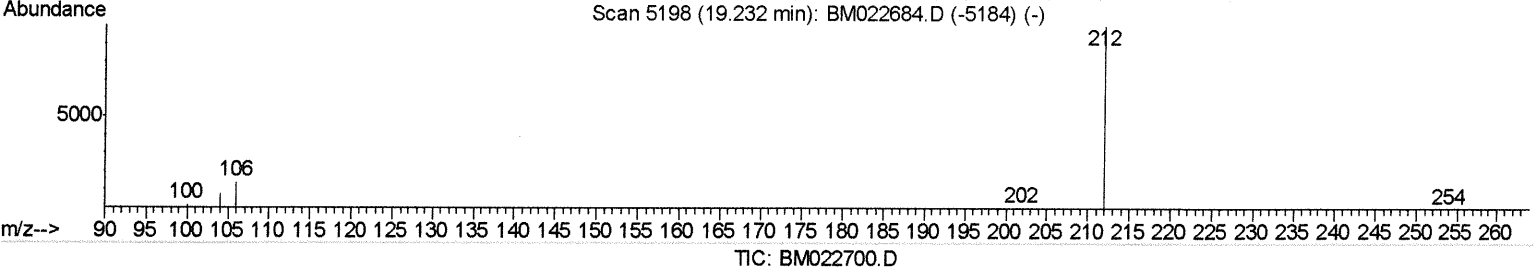
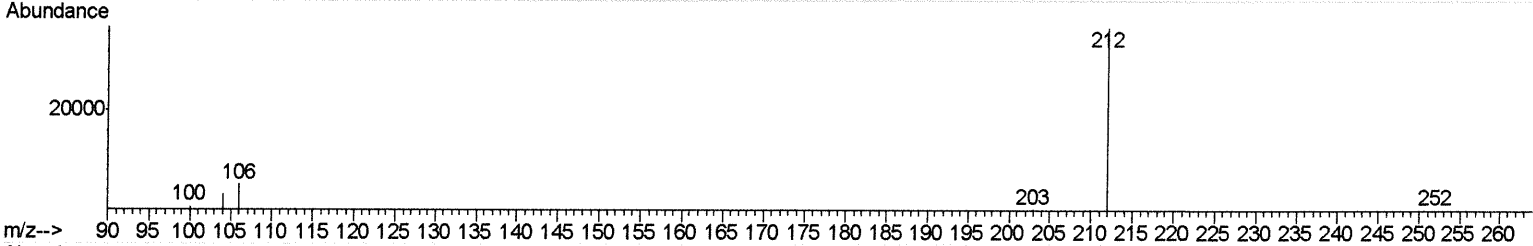
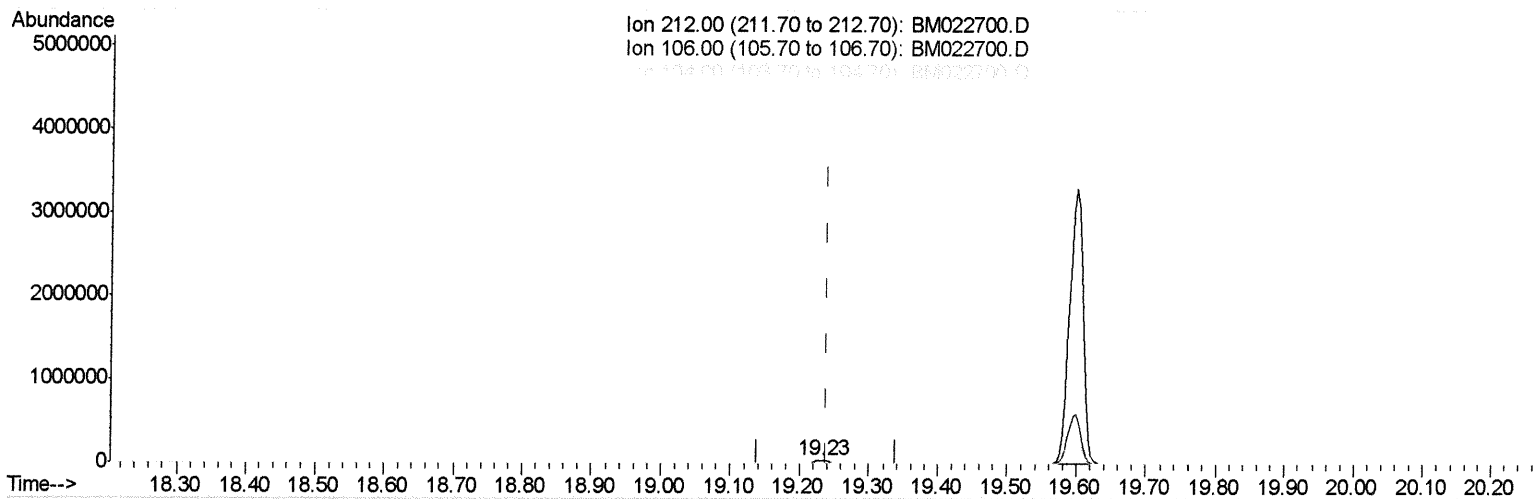
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091719\
 Data File : BM022700.D
 Acq On : 17 Sep 2019 10:46
 Operator : HP/JU
 Sample : K4780-10
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0BN0

Manual Integrations
 APPROVED

mohammad
 9/19/2019 4:44:17 PM

Quant Time: Sep 17 18:01:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM091019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 10 15:06:45 2019
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.232min (-0.008) 0.36ng/ul mJU09/24/19

response 48048

Ion	Exp%	Act%
212.00	100	100
106.00	14.00	0.00#
104.00	8.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

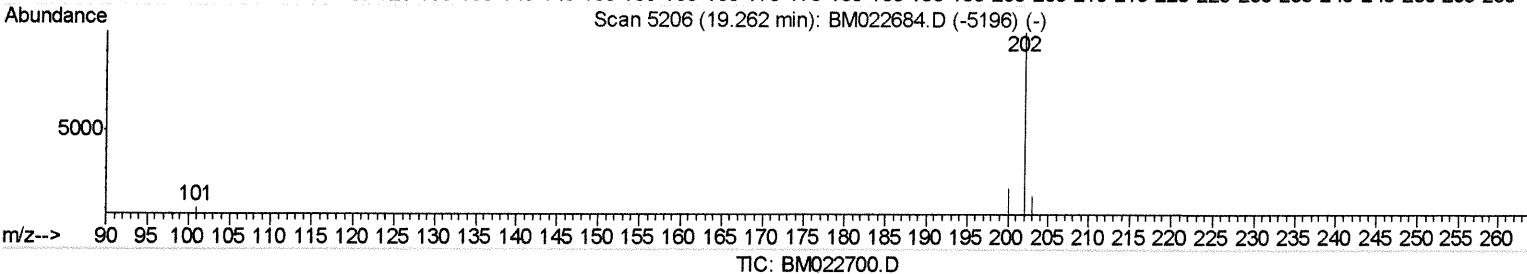
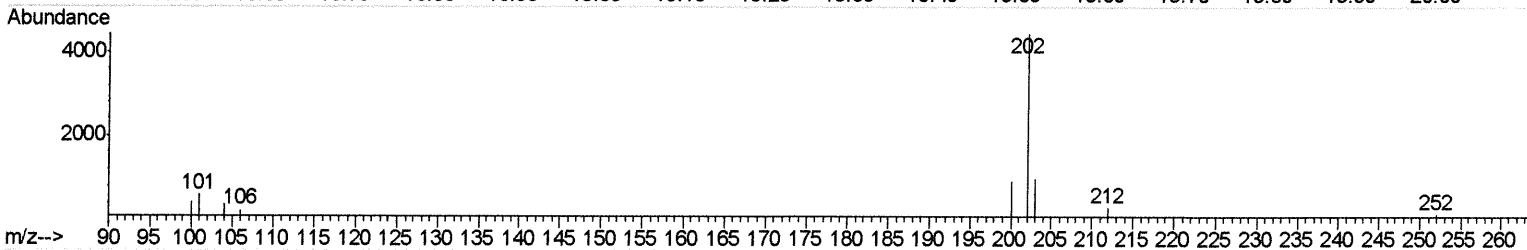
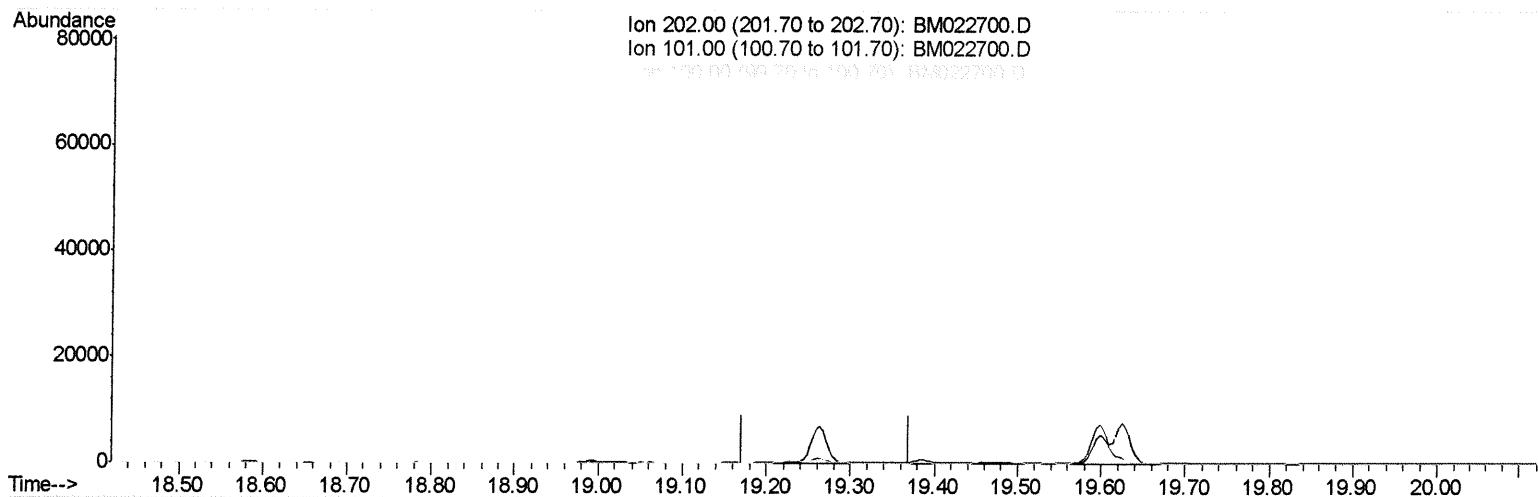
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091719\
 Data File : BM022700.D
 Acq On : 17 Sep 2019 10:46
 Operator : HP/JU
 Sample : K4780-10
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 H0BN0

Manual Integrations
APPROVED

mohammad
 9/19/2019 4:44:17 PM

Quant Time: Sep 17 18:01:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM091019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 10 15:06:45 2019
 Response via : Initial Calibration



(15) Fluoranthene (C)

19.270min (-19.270) 0.00ng/ul

response 0

Ion	Exp%	Act%
202.00	100	0.00
101.00	10.50	0.00
100.00	8.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

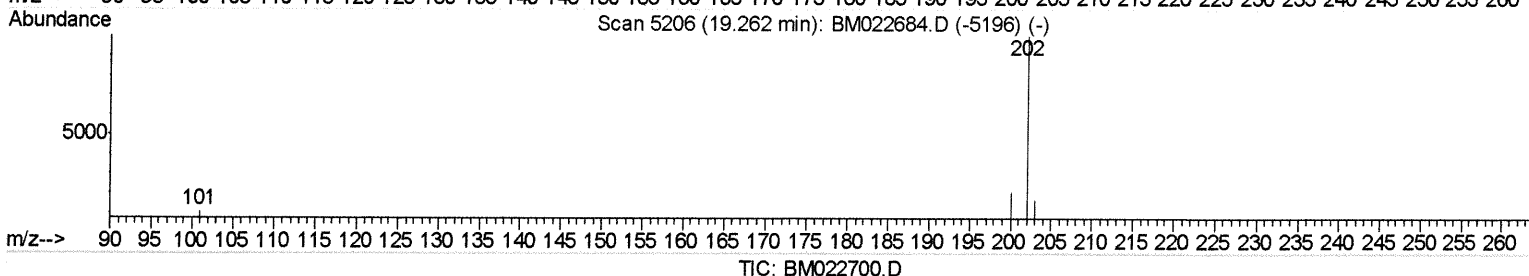
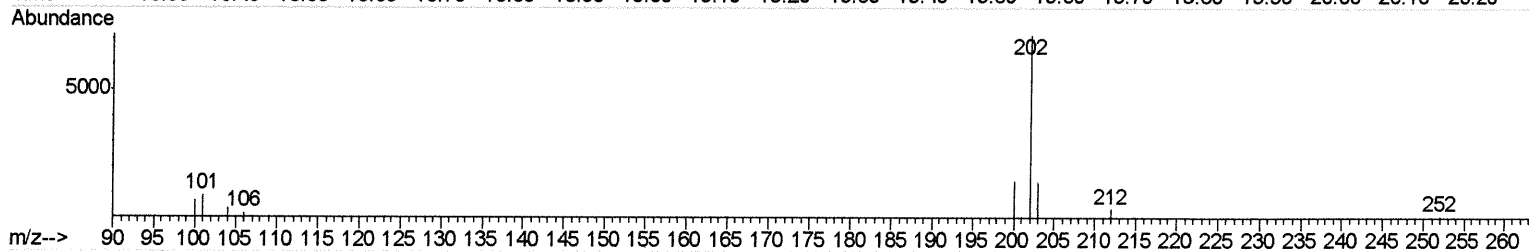
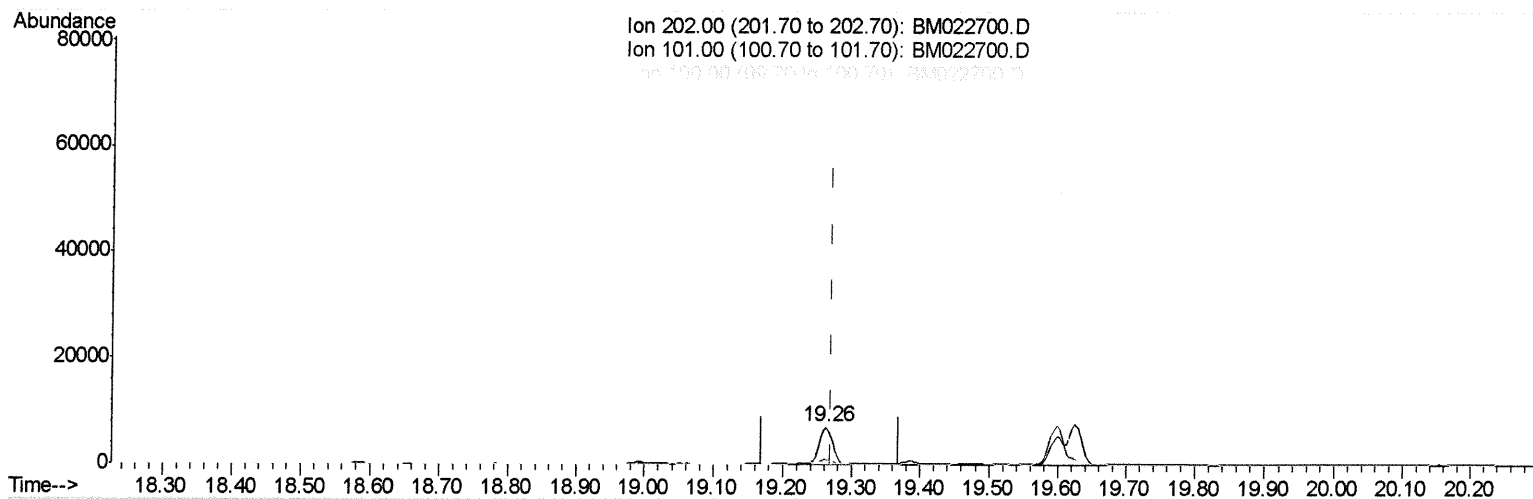
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091719\
 Data File : BM022700.D
 Acq On : 17 Sep 2019 10:46
 Operator : HP/JU
 Sample : K4780-10
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0BN0

Manual Integrations
 APPROVED

mohammad
 9/19/2019 4:44:17 PM

Quant Time: Sep 17 18:01:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM091019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 10 15:06:45 2019
 Response via : Initial Calibration



(15) Fluoranthene (C)

19.262min (-0.008) 0.06ng/ul mju 09/24/19

response 9471

Ion	Exp%	Act%
202.00	100	100
101.00	10.50	13.09
100.00	8.00	10.09
0.00	0.00	0.00

Quantitation Report (Qedit)

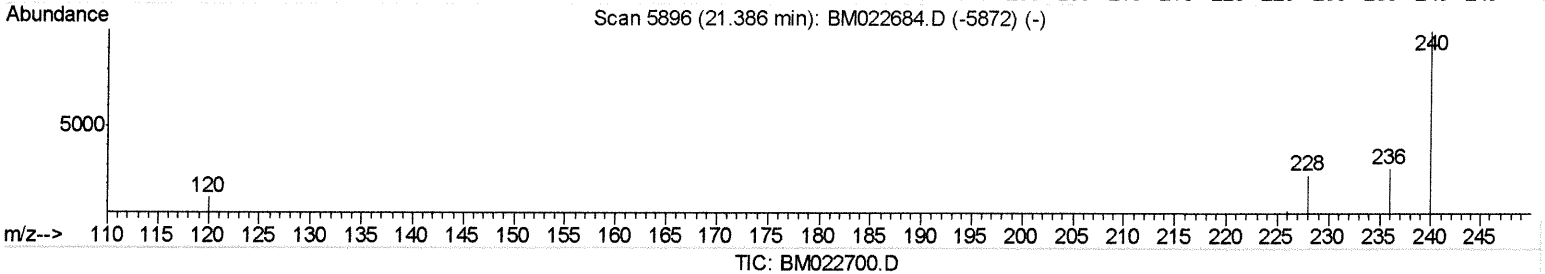
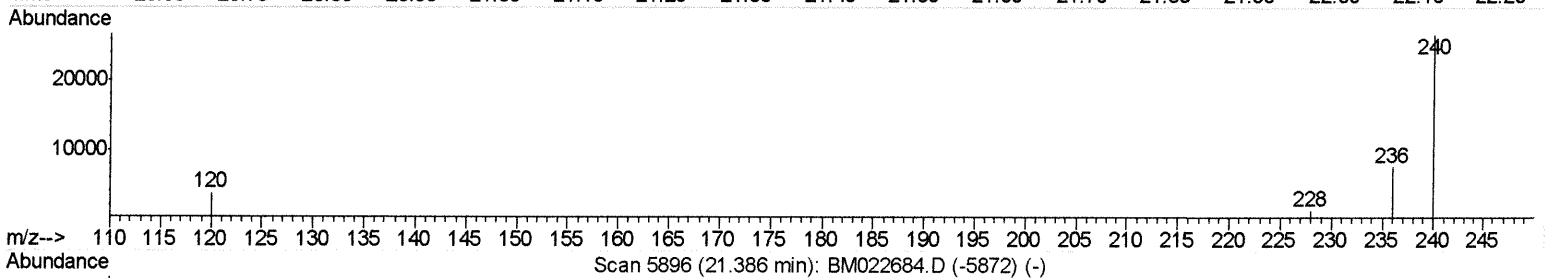
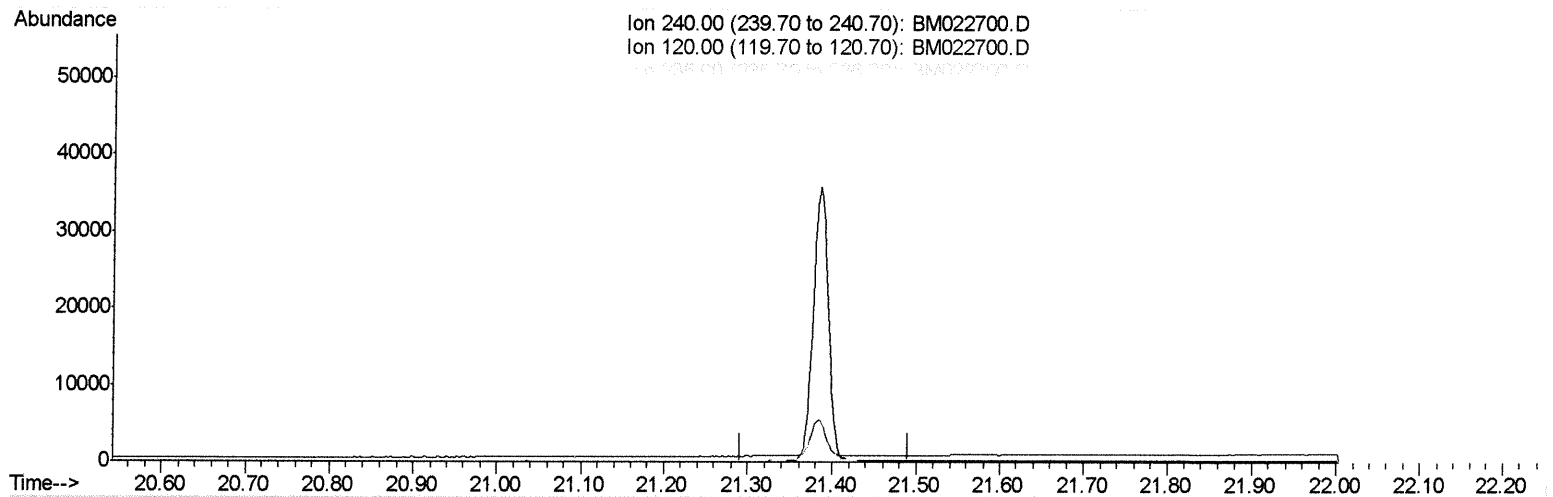
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091719\
 Data File : BM022700.D
 Acq On : 17 Sep 2019 10:46
 Operator : HP/JU
 Sample : K4780-10
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 H0BN0

Manual Integrations
APPROVED

mohammad
 9/19/2019 4:44:17 PM

Quant Time: Sep 17 18:01:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM091019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 10 15:06:45 2019
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.391min (-21.391) 0.00ng/ul

response 0

Ion	Exp%	Act%
240.00	100	0.00
120.00	14.60	0.00#
236.00	28.80	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

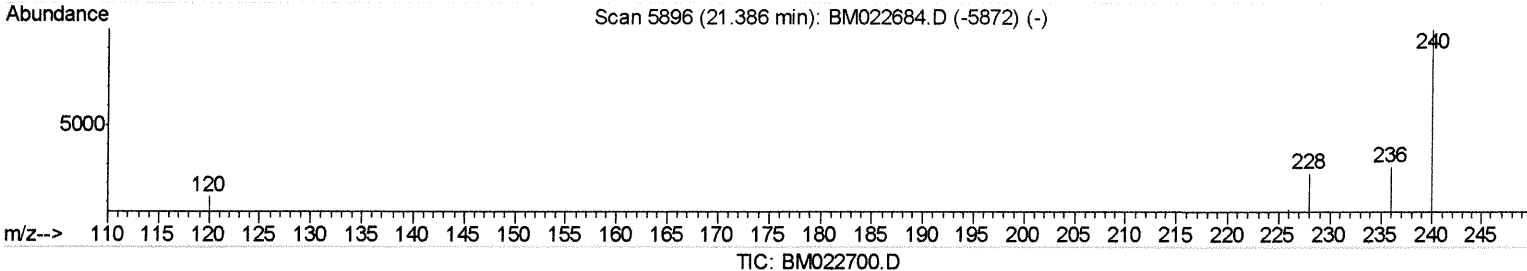
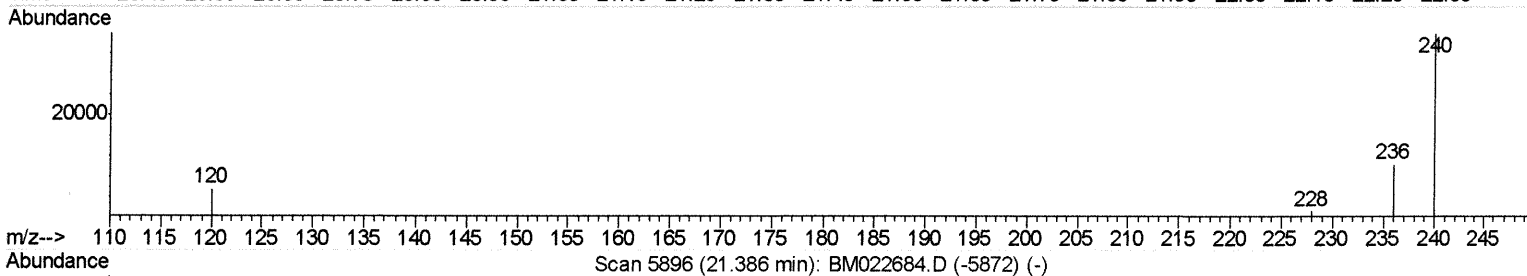
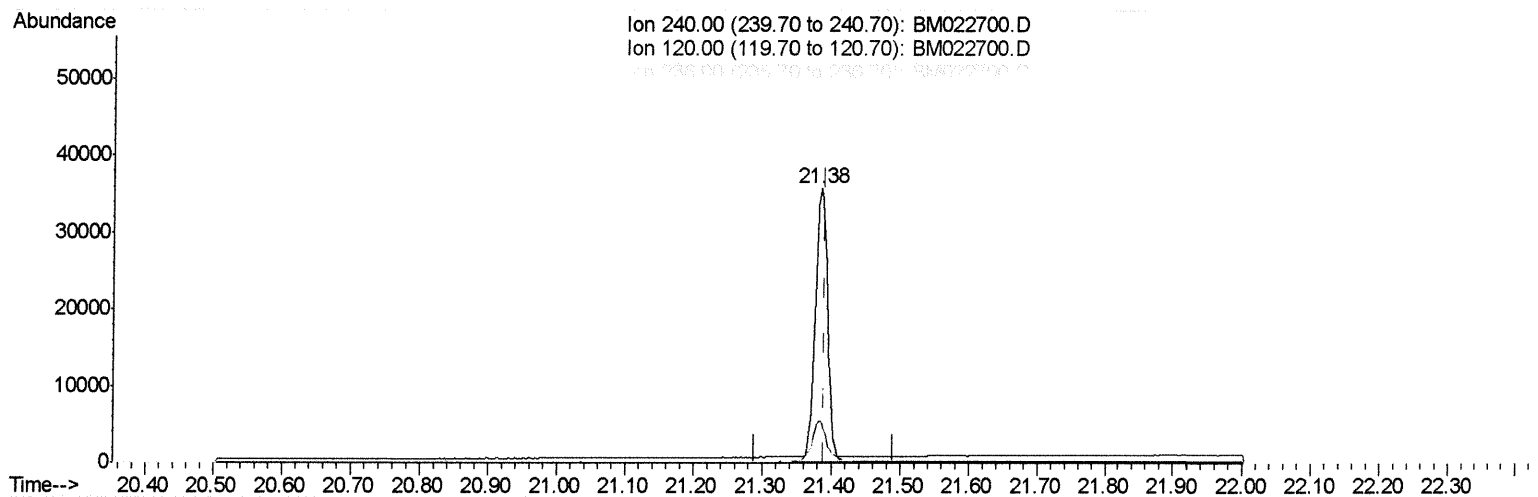
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091719\
 Data File : BM022700.D
 Acq On : 17 Sep 2019 10:46
 Operator : HP/JU
 Sample : K4780-10
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0BN0

Manual Integrations
 APPROVED

mohammad
 9/19/2019 4:44:17 PM

Quant Time: Sep 17 18:01:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM091019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 10 15:06:45 2019
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.384min (-0.007) 0.40ng/ul m *JU 09/24/19*

response 44543

Ion	Exp%	Act%
240.00	100	100
120.00	14.60	15.52
236.00	28.80	28.99
0.00	0.00	0.00

Quantitation Report (Qedit)

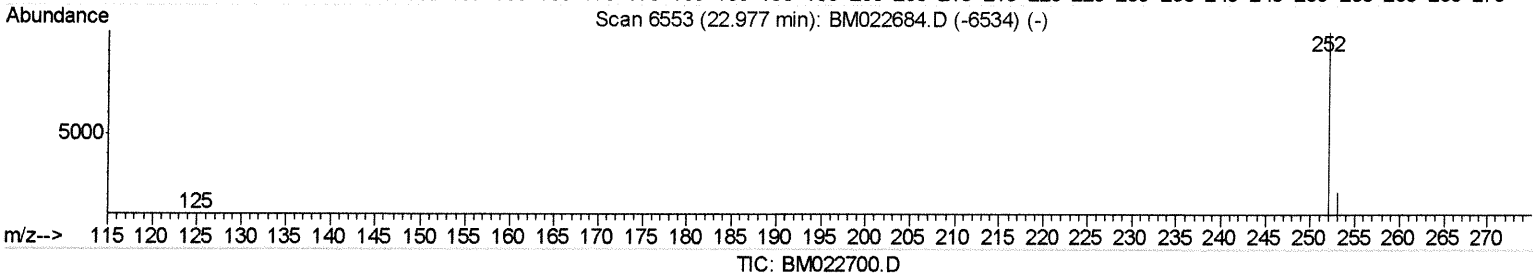
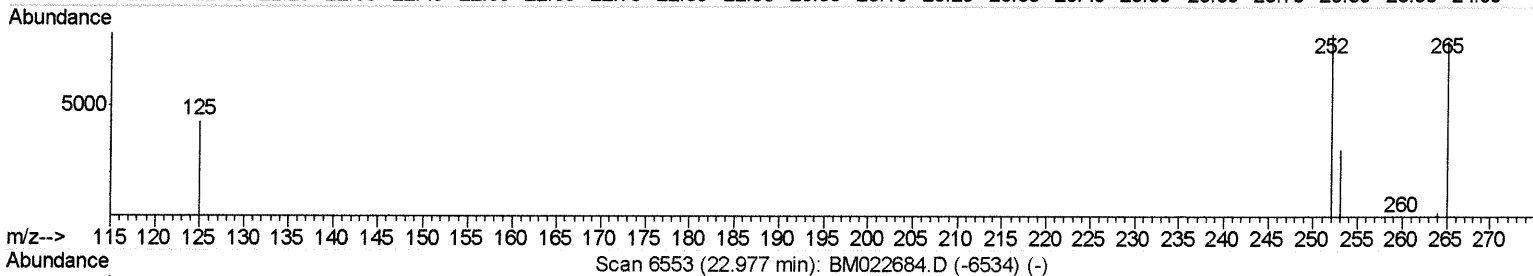
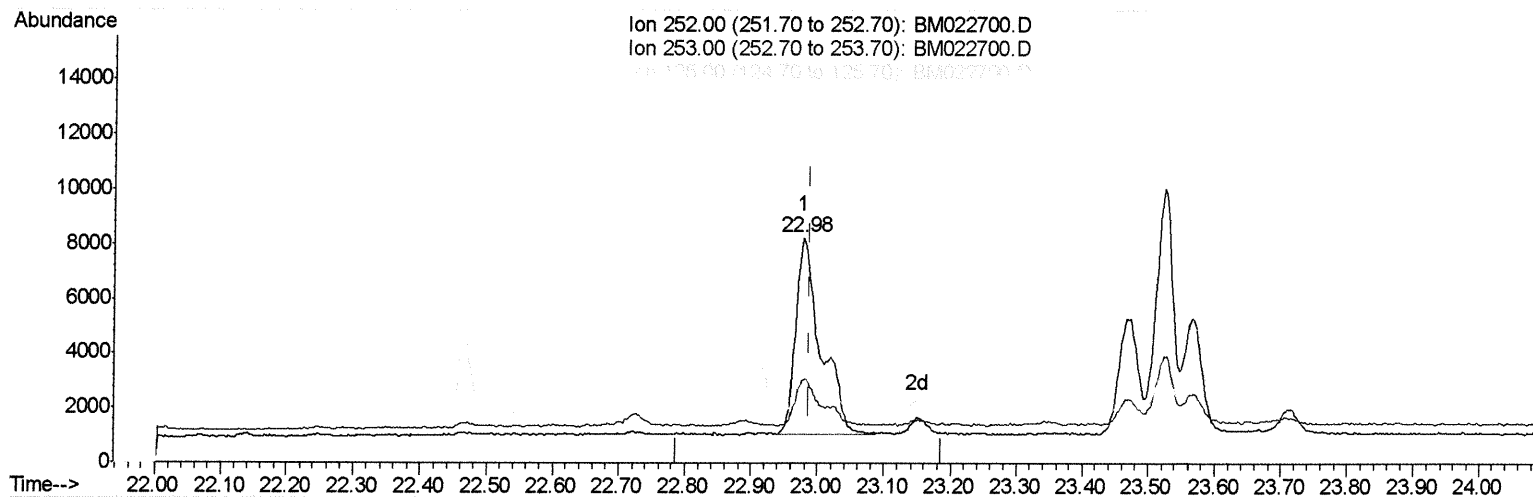
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091719\
 Data File : BM022700.D
 Acq On : 17 Sep 2019 10:46
 Operator : HP/JU
 Sample : K4780-10
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0BN0

Manual Integrations
 APPROVED

mohammad
 9/19/2019 4:44:17 PM

Quant Time: Sep 17 18:03:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM091019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 10 15:06:45 2019
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene
 22.977min (-0.010) 0.09ng/ul
 response 18702

Ion	Exp%	Act%
252.00	100	100
253.00	24.20	37.06
125.00	15.60	52.29#
0.00	0.00	0.00

Quantitation Report (Qedit)

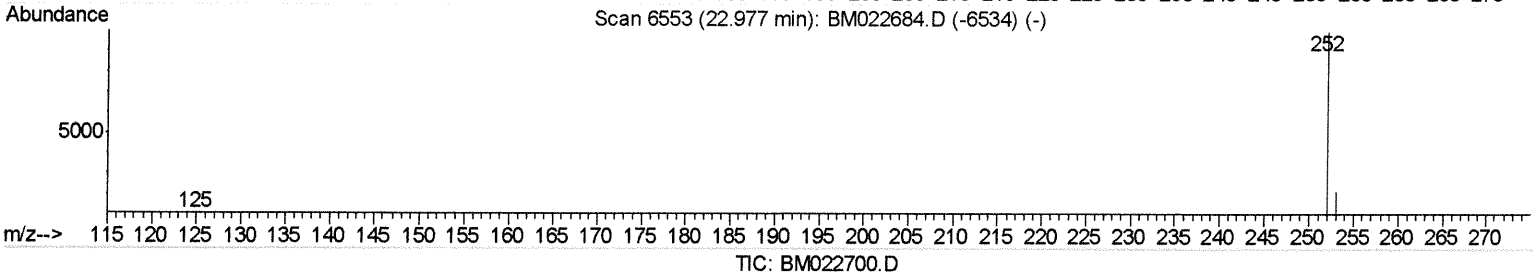
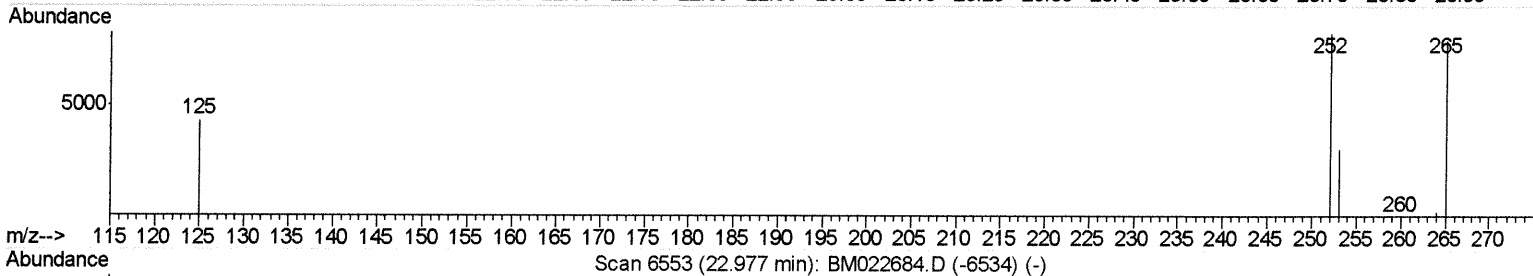
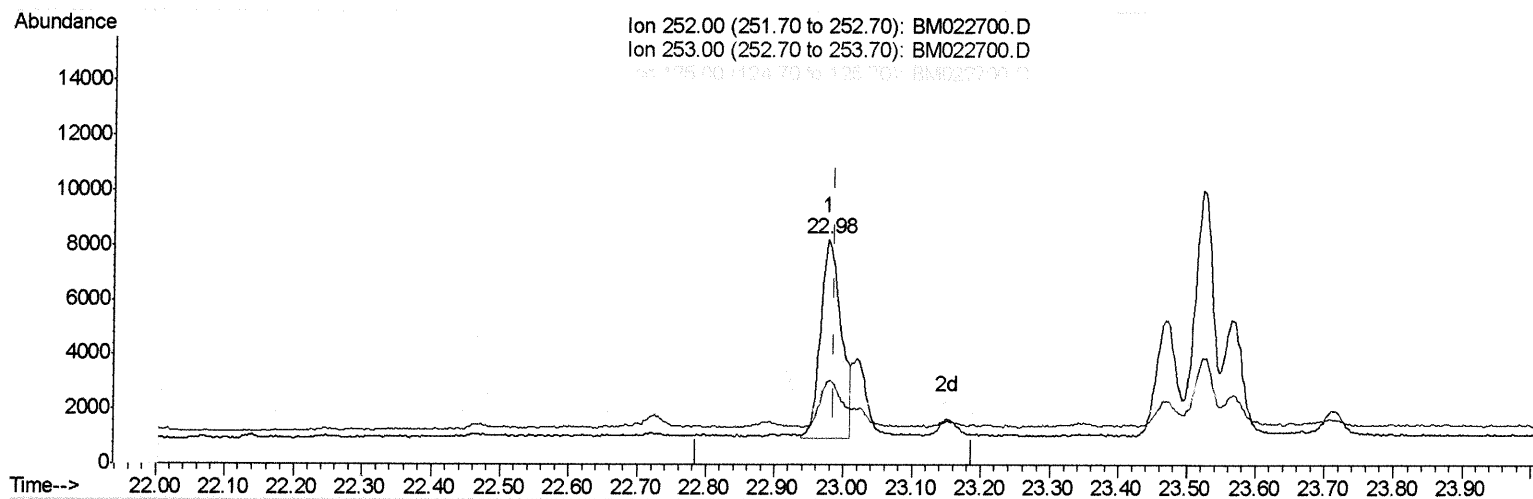
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091719\
 Data File : BM022700.D
 Acq On : 17 Sep 2019 10:46
 Operator : HP/JU
 Sample : K4780-10
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0BN0

Manual Integrations
 APPROVED

mohammad
 9/19/2019 4:44:17 PM

Quant Time: Sep 17 18:03:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM091019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 10 15:06:45 2019
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.977min (-0.010) 0.07ng/ul mJU 09/24/19

response 14979

Ion	Exp%	Act%
252.00	100	100
253.00	24.20	37.06
125.00	15.60	52.29#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091719\
 Data File : BM022700.D
 Acq On : 17 Sep 2019 10:46
 Operator : HP/JU
 Sample : K4780-10
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0BN0

Manual Integrations
 APPROVED

mohammad
 9/19/2019 4:44:17 PM

Quant Time: Sep 17 18:03:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM091019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 10 15:06:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	8891	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	37464	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	22735	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	48043m	0.40	ng/ul	0.00
16) Chrysene-d12	21.38	240	44543m7	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	48537	0.40	ng/ul	0.00

} Ju 09/24/19

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.22	152	17468	0.28	ng/ul	0.00
14) Fluoranthene-d10	19.23	212	48048m	0.36	ng/ul	0.00

Target Compounds

						Qvalue
12) Phenanthrene	17.25	178	4456m	0.029	ng/ul	87
15) Fluoranthene	19.26	202	9471m	0.057	ng/ul	96
17) Pyrene	19.62	202	9895	0.049	ng/ul#	95
18) Benzo(a)anthracene	21.37	228	5423	0.032	ng/ul	6
19) Chrysene	21.42	228	8096	0.045	ng/ul#	91
21) Benzo(b)fluoranthene	22.98	252	14979m	0.071	ng/ul	81
23) Benzo(a)pyrene	23.57	252	7330	0.040	ng/ul#	
24) Indeno(1,2,3-cd)pyrene	25.97	276	5507	0.024	ng/ul#	
26) Benzo(g,h,i)perylene	26.68	276	5524	0.031	ng/ul#	

} Ju 09/24/19

} Ju 09/24/19

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