

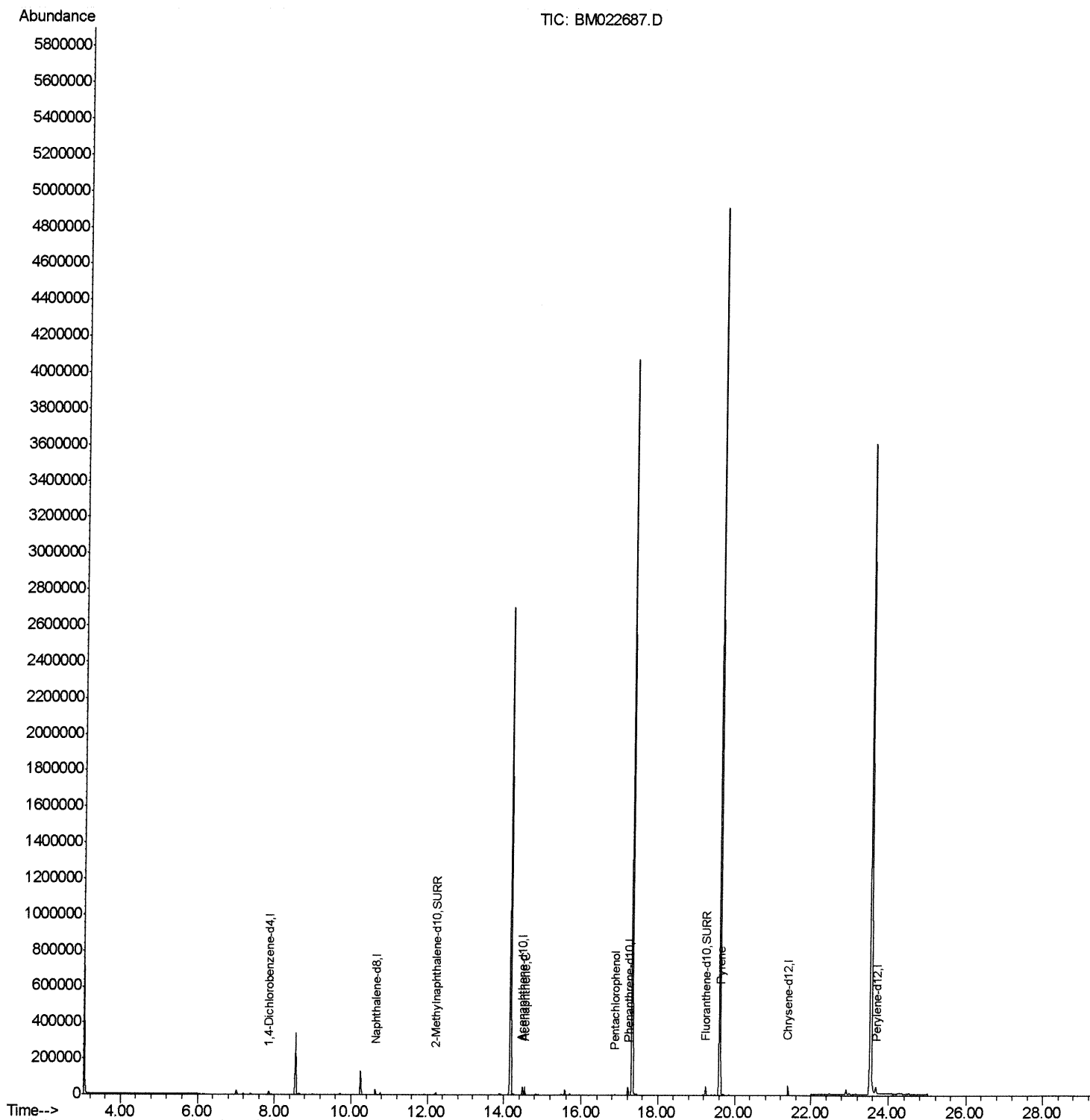
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091619\
Data File : BM022687.D
Acq On : 16 Sep 2019 12:43
Operator : HP/JU
Sample : K4780-15MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
H0BM3MSD

Manual Integrations
APPROVED

mohammad
9/17/2019 4:11:21 PM

Quant Time: Sep 17 01:53:45 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)

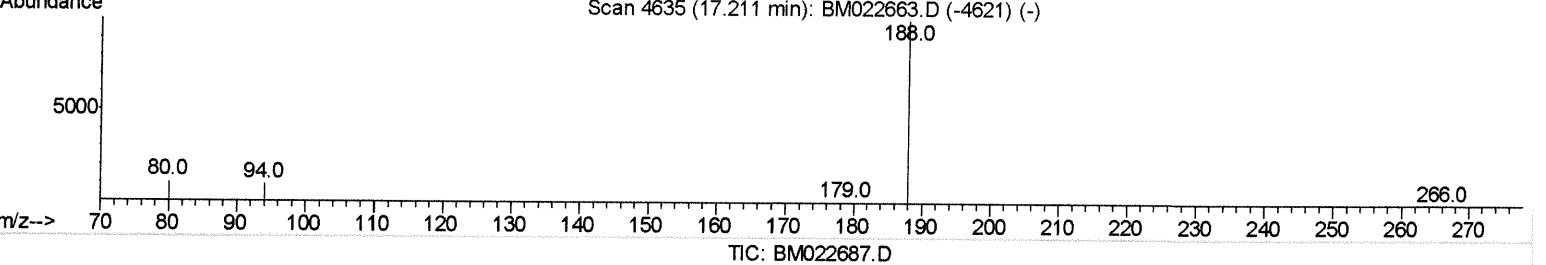
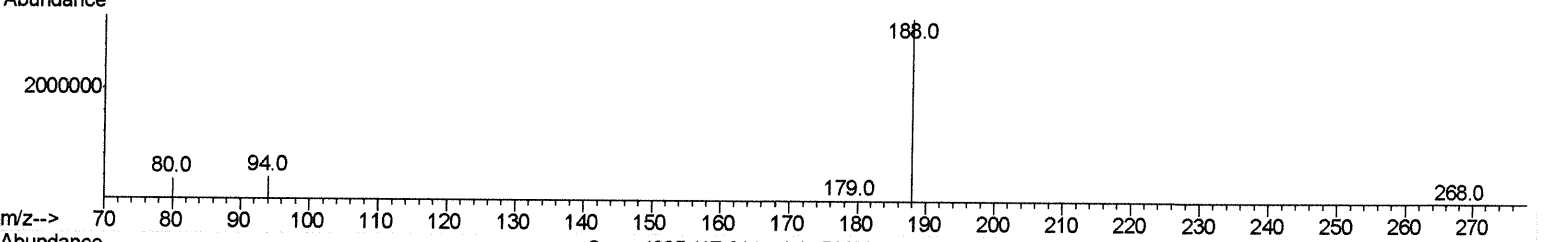
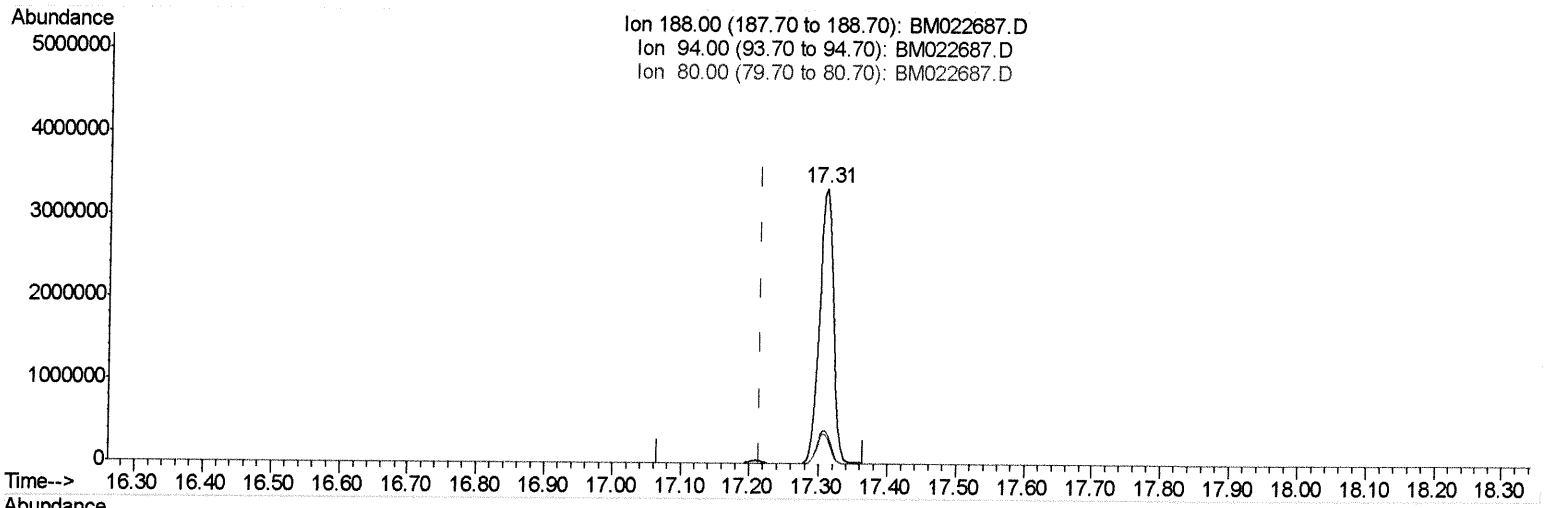
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091619\
 Data File : BM022687.D
 Acq On : 16 Sep 2019 12:43
 Operator : HP/JU
 Sample : K4780-15MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 H0BM3MSD

Manual Integrations
APPROVED

mohammad
 9/17/2019 4:11:21 PM

Quant Time: Sep 17 01:34:03 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)
 17.310min (+0.093) 0.40ng/ul
 response 4682520

Ion	Exp%	Act%
188.00	100	100
94.00	9.80	11.97#
80.00	11.00	10.41
0.00	0.00	0.00

Quantitation Report (Qedit)

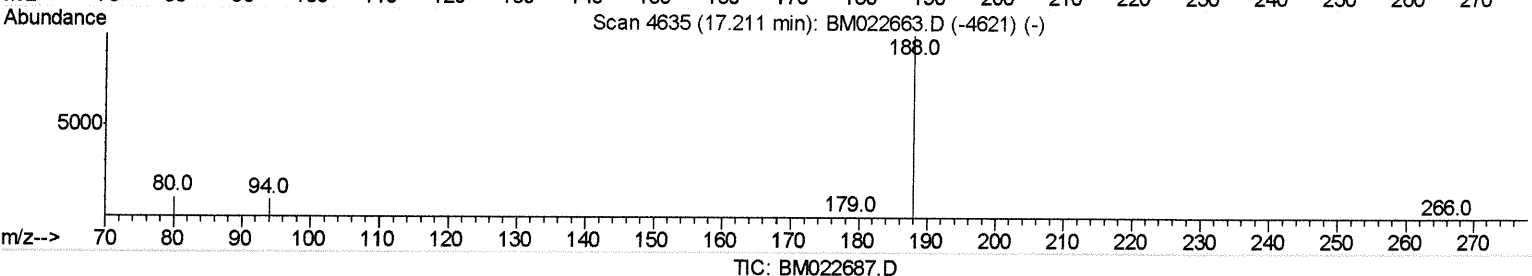
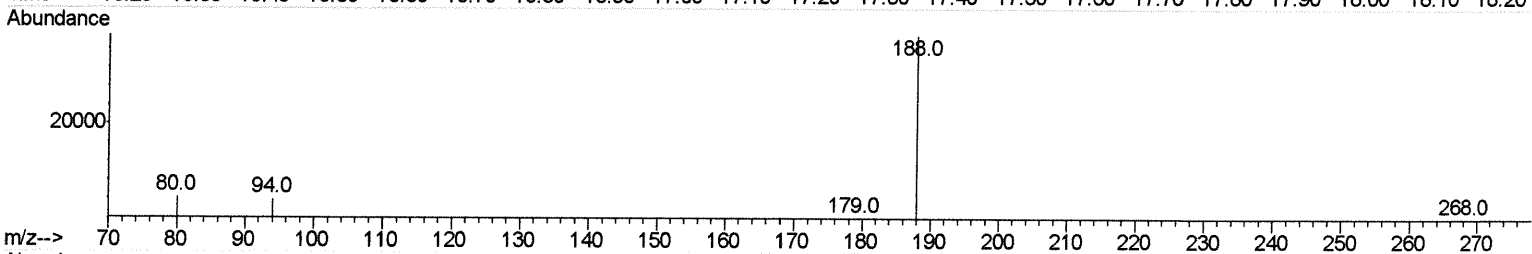
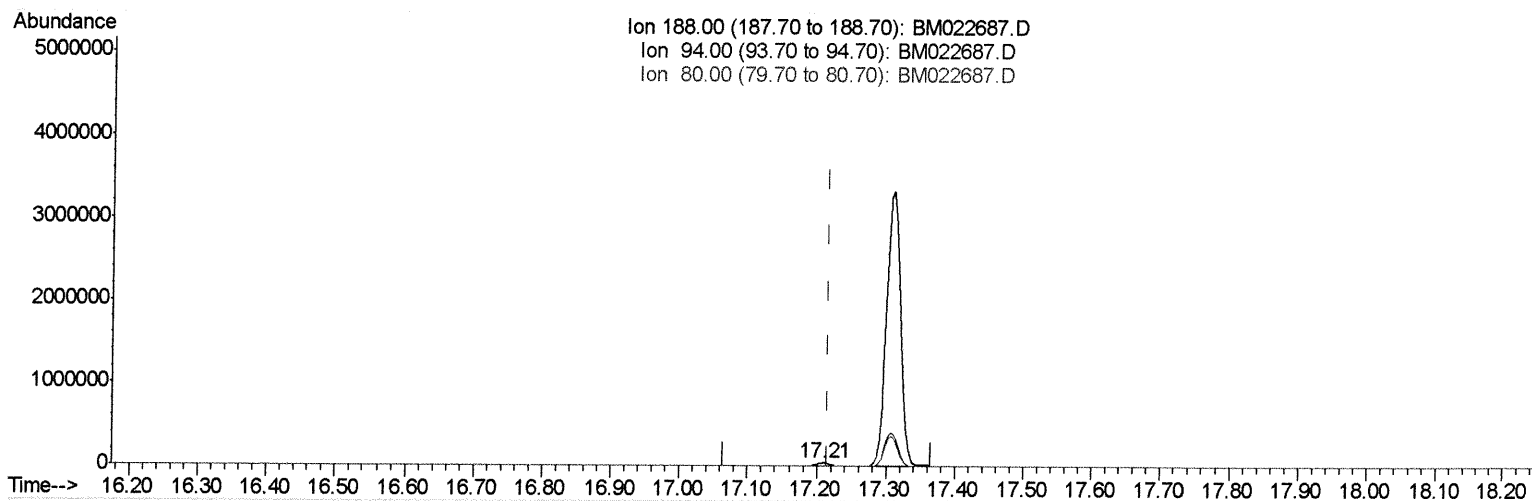
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091619\
 Data File : BM022687.D
 Acq On : 16 Sep 2019 12:43
 Operator : HP/JU
 Sample : K4780-15MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0BM3MSD

Manual Integrations
 APPROVED

mohammad
 9/17/2019 4:11:21 PM

Quant Time: Sep 17 01:34:03 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: BM022687.D

(10) Phenanthrene-d10 (I)

17.209min (-0.007) 0.40ng/ul m *JU* 09/17/19

response 54398

Ion	Exp%	Act%
188.00	100	100
94.00	9.80	10.07
80.00	11.00	11.09
0.00	0.00	0.00

Quantitation Report (Qedit)

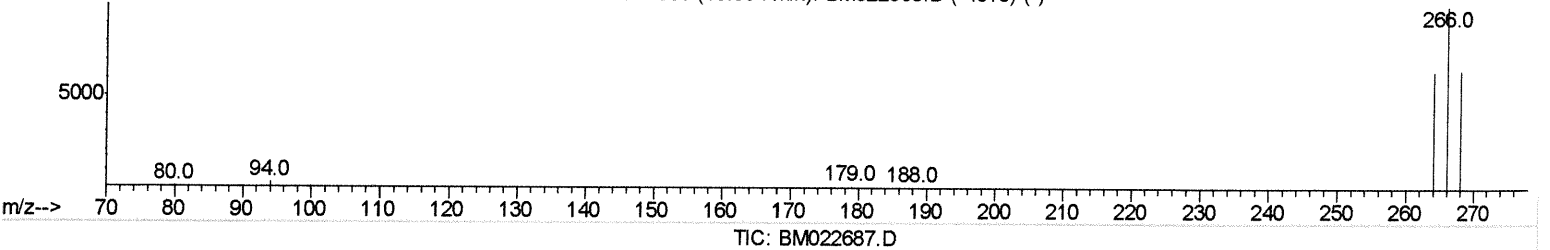
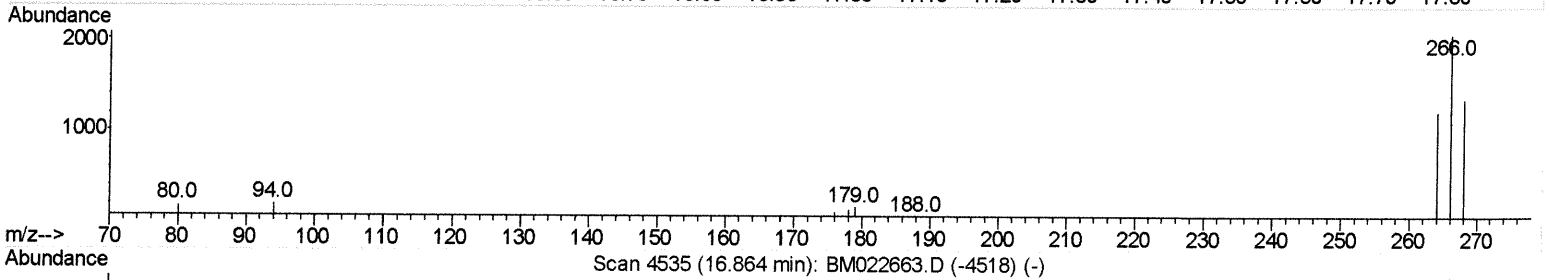
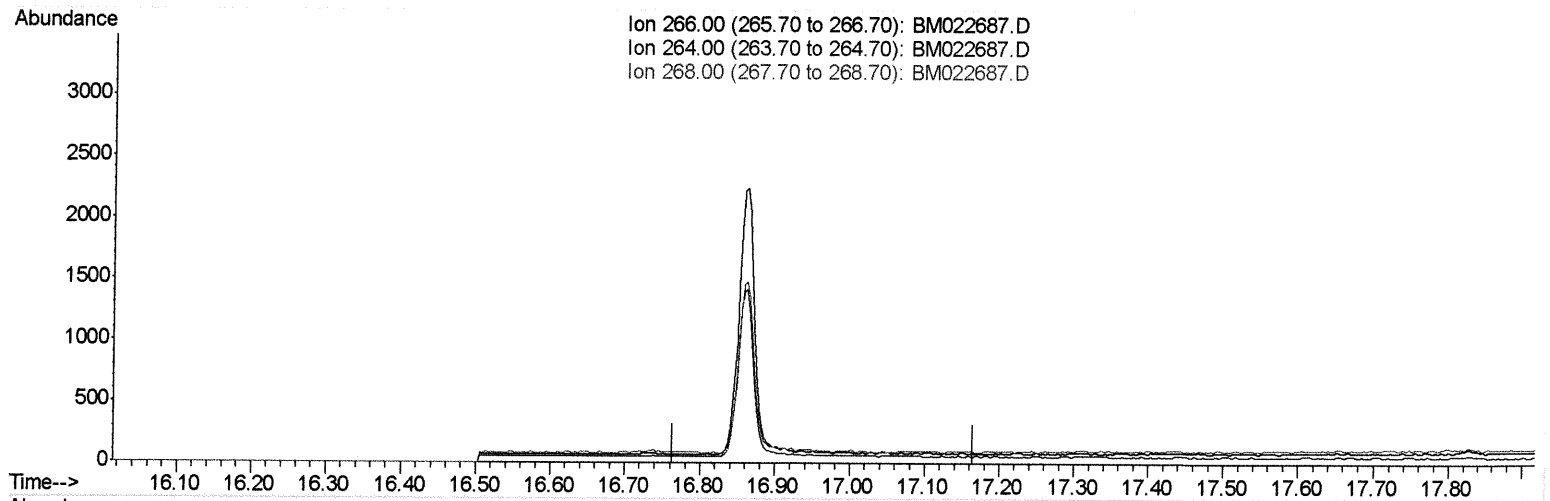
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091619\
 Data File : BM022687.D
 Acq On : 16 Sep 2019 12:43
 Operator : HP/JU
 Sample : K4780-15MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 H0BM3MSD

Manual Integrations
APPROVED

mohammad
 9/17/2019 4:11:21 PM

Quant Time: Sep 17 01:51:28 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



(11) Pentachlorophenol

16.866min (-16.866) 0.00ng/ul

response 0

Ion	Exp%	Act%
266.00	100	0.00
264.00	63.00	0.00#
268.00	64.10	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

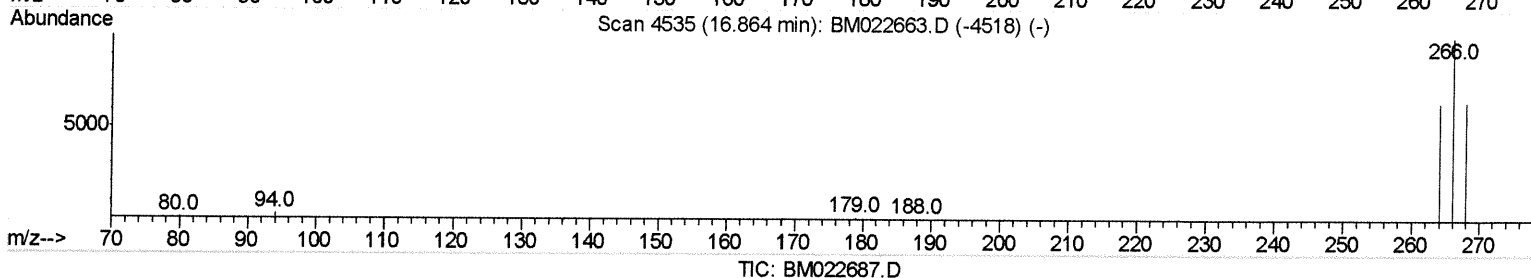
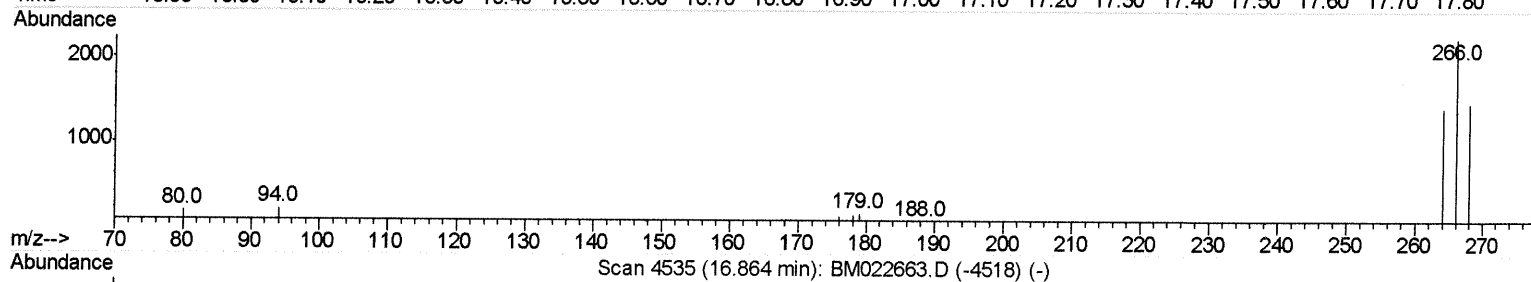
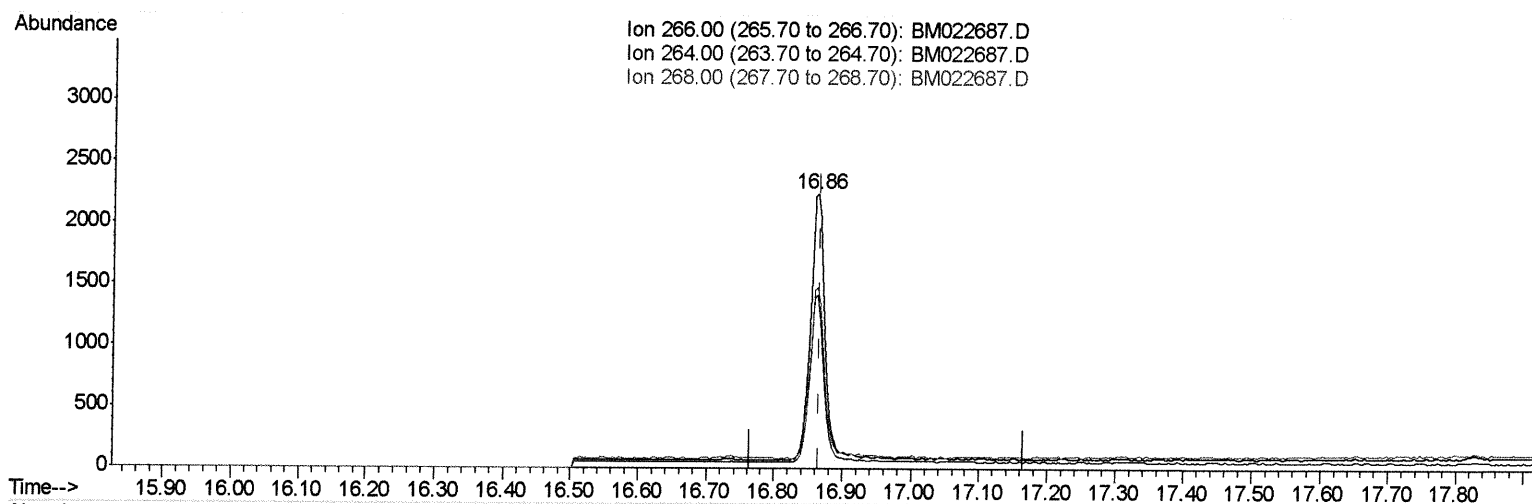
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091619\
 Data File : BM022687.D
 Acq On : 16 Sep 2019 12:43
 Operator : HP/JU
 Sample : K4780-15MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0BM3MSD

Manual Integrations
 APPROVED

mohammad
 9/17/2019 4:11:21 PM

Quant Time: Sep 17 01:51:28 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



(11) Pentachlorophenol

16.862min (-0.004) 0.29ng/ul m *JU* 09/17/19

response 3228

Ion	Exp%	Act%
266.00	100	100
264.00	63.00	0.00#
268.00	64.10	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

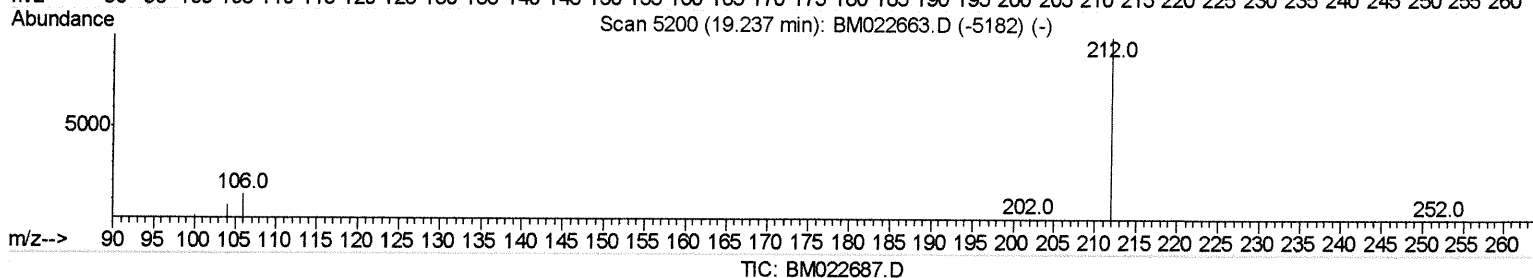
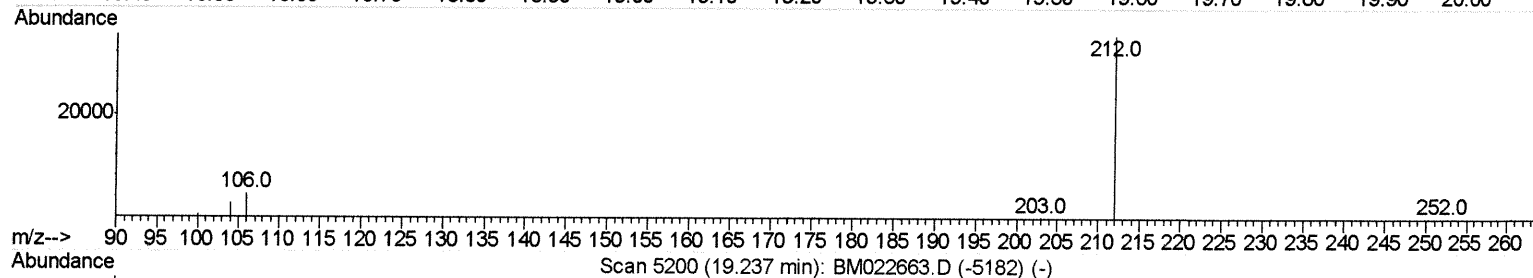
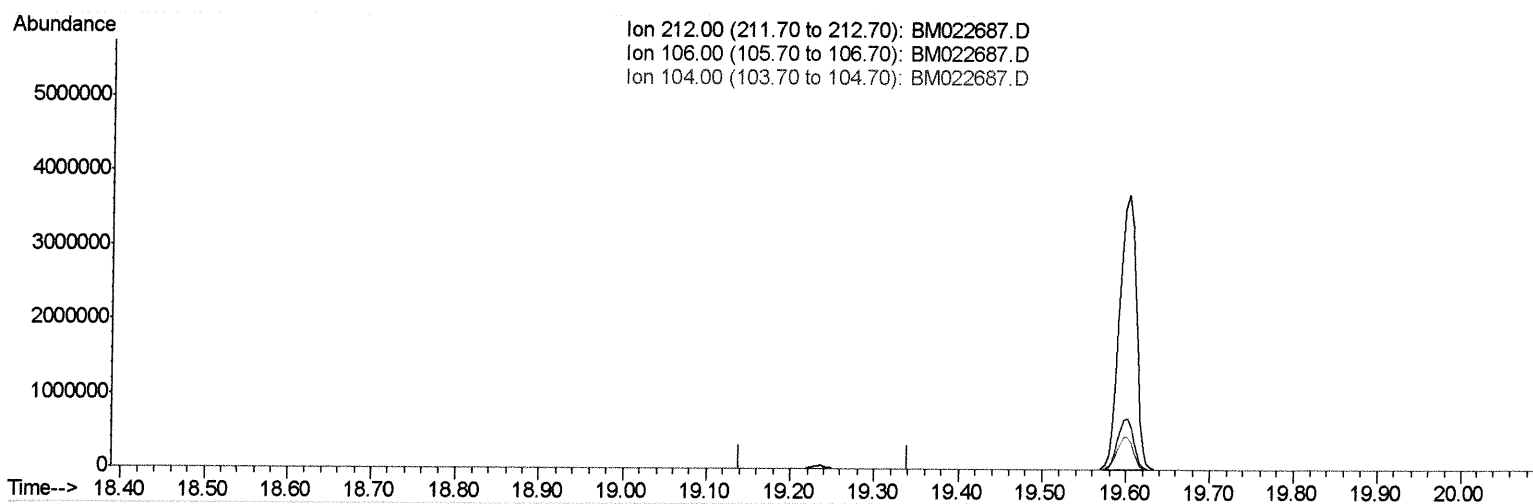
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091619\
 Data File : BM022687.D
 Acq On : 16 Sep 2019 12:43
 Operator : HP/JU
 Sample : K4780-15MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0BM3MSD

Manual Integrations
 APPROVED

mohammad
 9/17/2019 4:11:21 PM

Quant Time: Sep 17 01:51:54 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)

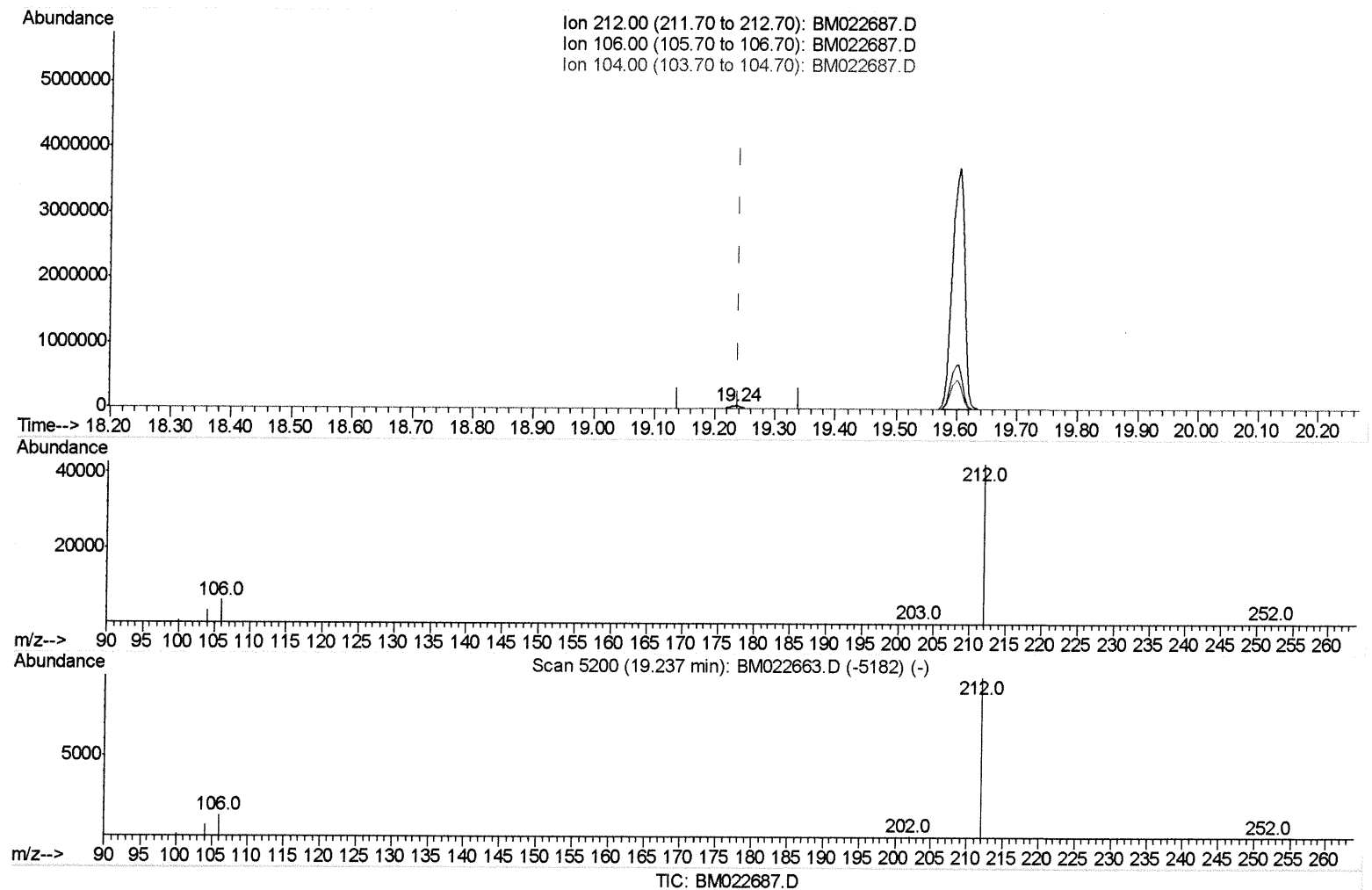
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091619\
Data File : BM022687.D
Acq On : 16 Sep 2019 12:43
Operator : HP/JU
Sample : K4780-15MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
H0BM3MSD

Manual Integrations
APPROVED

mohammad
9/17/2019 4:11:21 PM

Quant Time: Sep 17 01:51:54 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)

19.235min (-0.004) 0.38ng/ul m ^{JU} 09/17/19

response 56566

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)

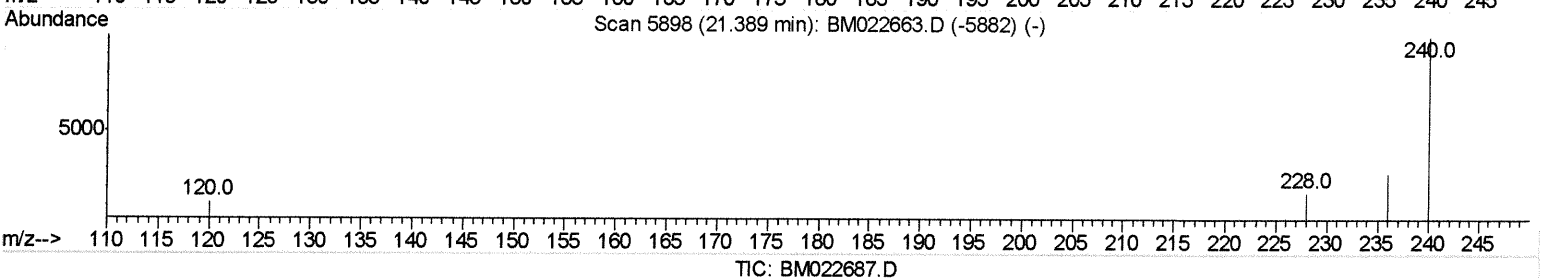
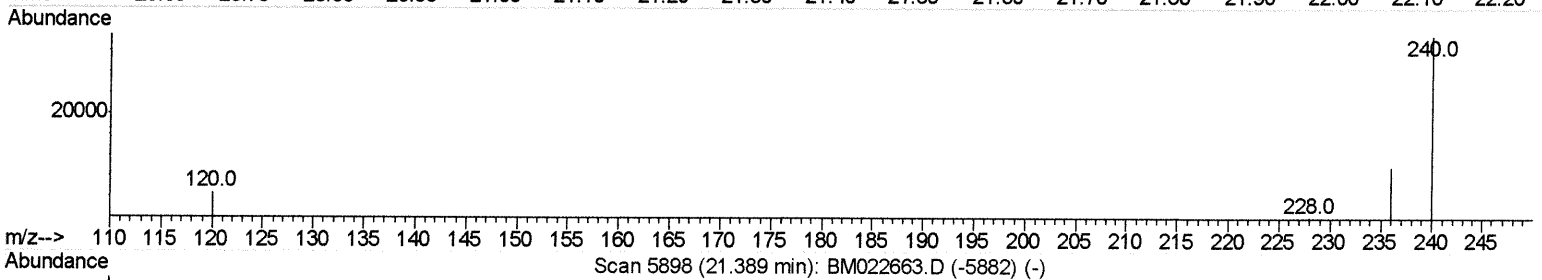
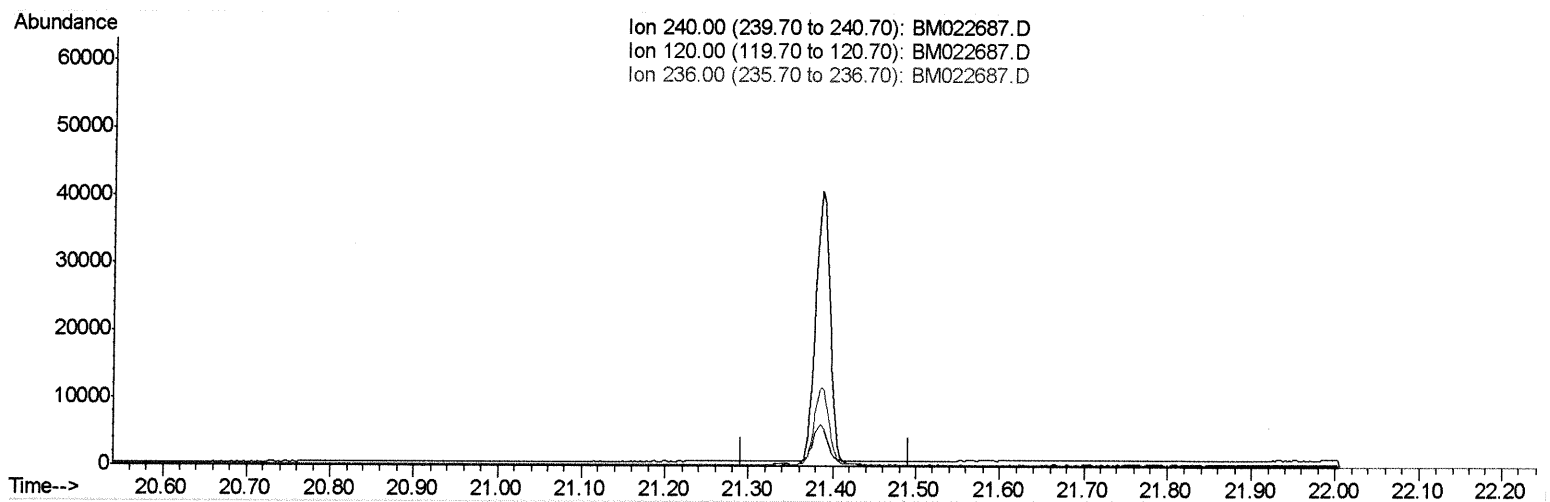
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091619\
Data File : BM022687.D
Acq On : 16 Sep 2019 12:43
Operator : HP/JU
Sample : K4780-15MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
H0BM3MSD

Manual Integrations
APPROVED

mohammad
9/17/2019 4:11:21 PM

Quant Time: Sep 17 01:51:54 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)

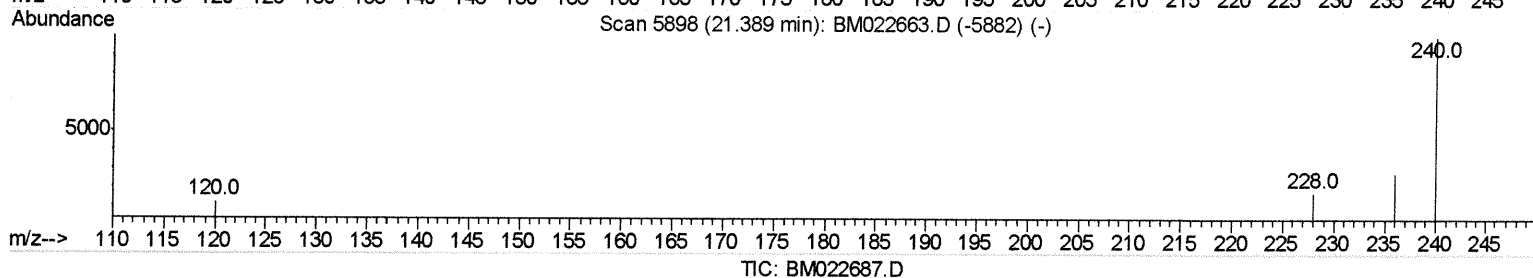
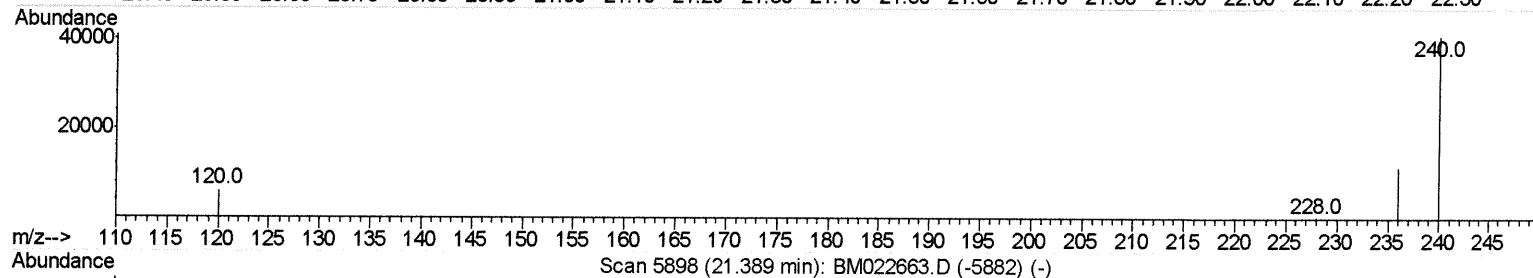
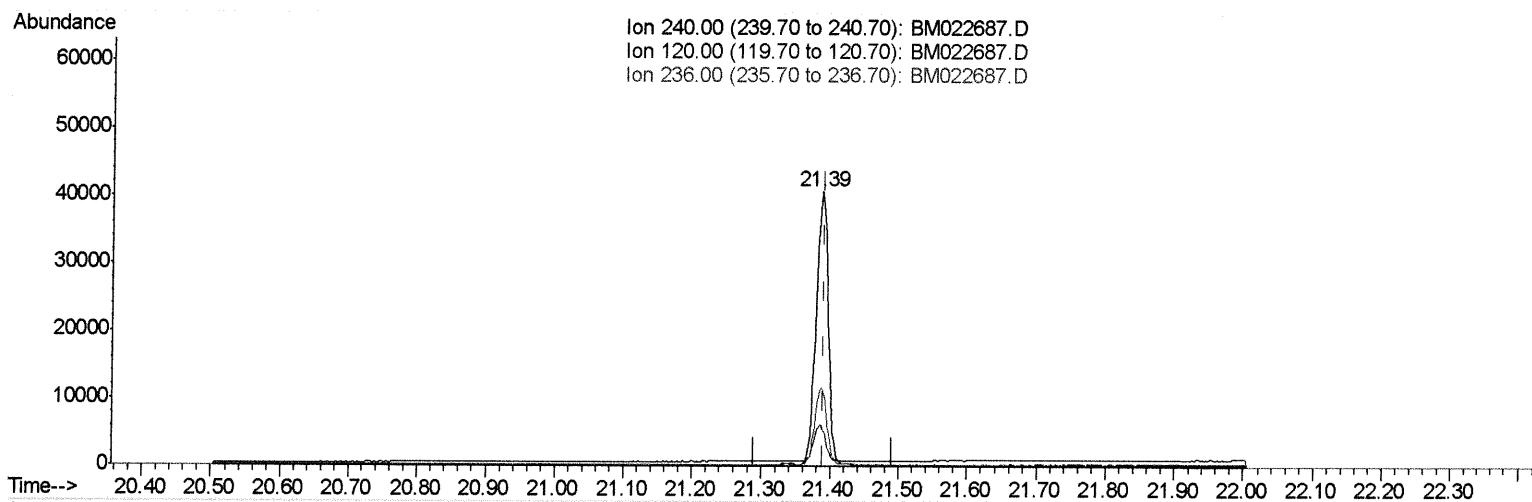
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091619\
 Data File : BM022687.D
 Acq On : 16 Sep 2019 12:43
 Operator : HP/JU
 Sample : K4780-15MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0BM3MSD

Manual Integrations
 APPROVED

mohammad
 9/17/2019 4:11:21 PM

Quant Time: Sep 17 01:51:54 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)

21.386min (-0.005) 0.40ng/ul m *JU* 9/17/19

response 49252

Ion	Exp%	Act%
240.00	100	100
120.00	14.60	14.83
236.00	28.80	28.70
0.00	0.00	0.00

Quantitation Report (Qedit)

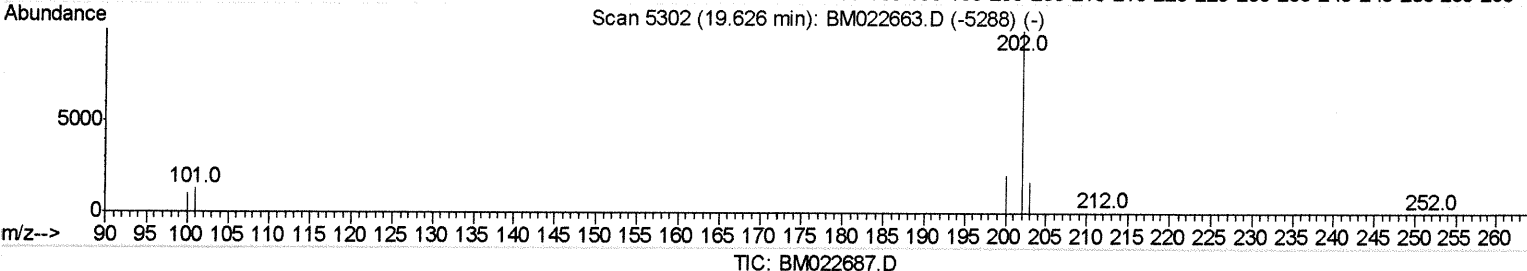
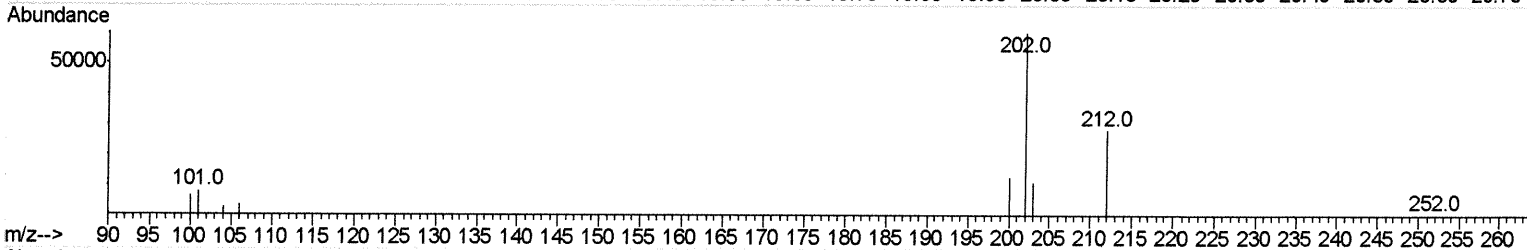
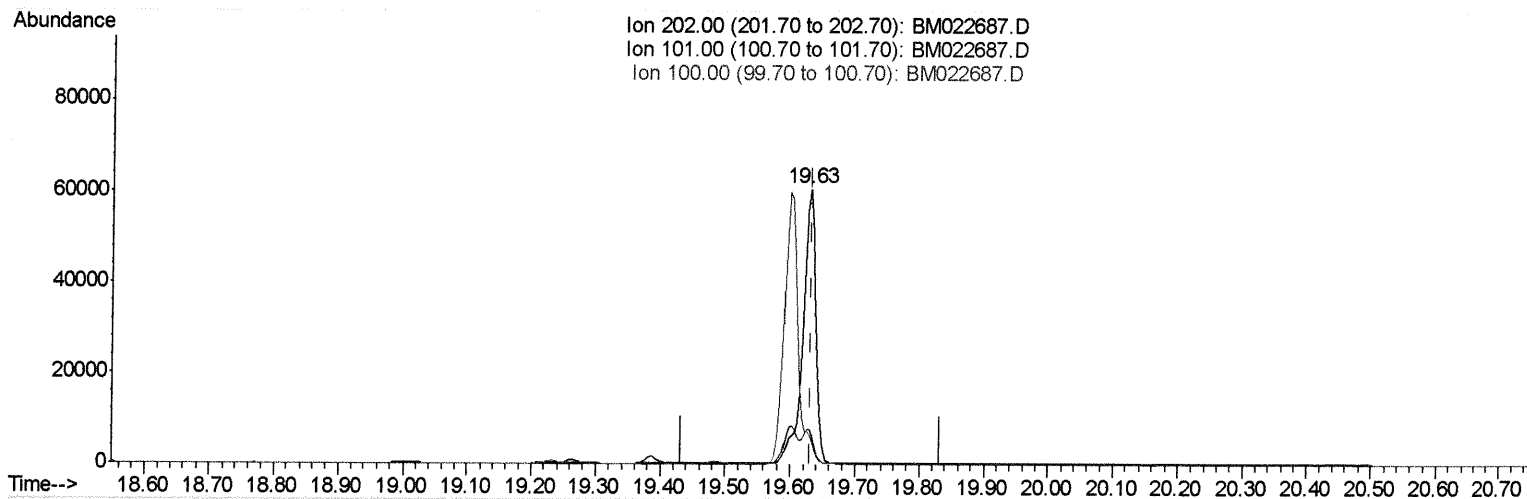
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091619\
 Data File : BM022687.D
 Acq On : 16 Sep 2019 12:43
 Operator : HP/JU
 Sample : K4780-15MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0BM3MSD

Manual Integrations
 APPROVED

mohammad
 9/17/2019 4:11:21 PM

Quant Time: Sep 17 01:53:06 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



(17) Pyrene

19.628min (-0.004) 0.37ng/ul

response 83386

Ion	Exp%	Act%
202.00	100	100
101.00	12.50	12.65
100.00	10.10	10.65
0.00	0.00	0.00

Quantitation Report (Qedit)

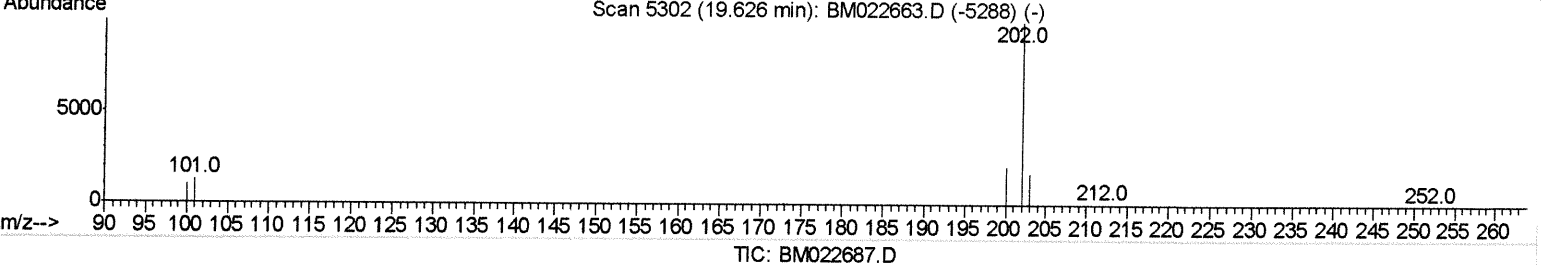
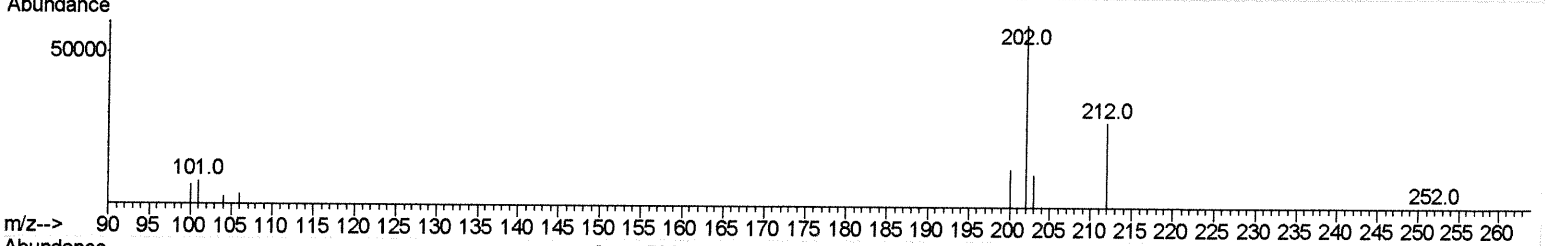
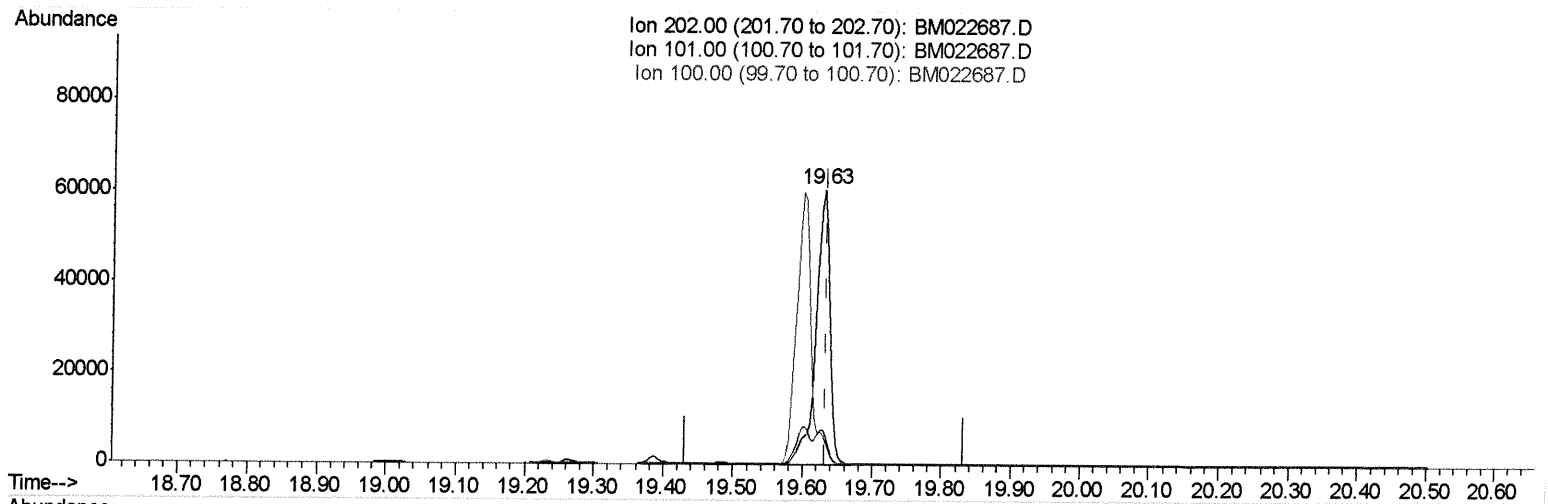
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091619\
 Data File : BM022687.D
 Acq On : 16 Sep 2019 12:43
 Operator : HP/JU
 Sample : K4780-15MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0BM3MSD

Manual Integrations
 APPROVED

mohammad
 9/17/2019 4:11:21 PM

Quant Time: Sep 17 01:53:06 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



(17) Pyrene

19.628min (-0.004) 0.34ng/ul m *Ju* 09/17/19

response 75908

Ion	Exp%	Act%
202.00	100	100
101.00	12.50	12.65
100.00	10.10	10.65
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091619\
 Data File : BM022687.D
 Acq On : 16 Sep 2019 12:43
 Operator : HP/JU
 Sample : K4780-15MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0BM3MSD

Manual Integrations
 APPROVED

mohammad
 9/17/2019 4:11:21 PM

Quant Time: Sep 17 01:53:45 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	9937	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	41531	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	25396	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	54398m →	0.40	ng/ul →	0.00
16) Chrysene-d12	21.39	240	49252m →	0.40	ng/ul →	0.00
20) Perylene-d12	23.66	264	53119	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	19478	0.29	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	56566m →	0.38	ng/ul →	0.00
Target Compounds						
8) Acenaphthene	14.54	153	26200	0.266	ng/ul	99
11) Pentachlorophenol	16.86	266	3228m →	0.293	ng/ul →	99
17) Pvrene	19.63	202	75908m →	0.340	ng/ul →	99

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