

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

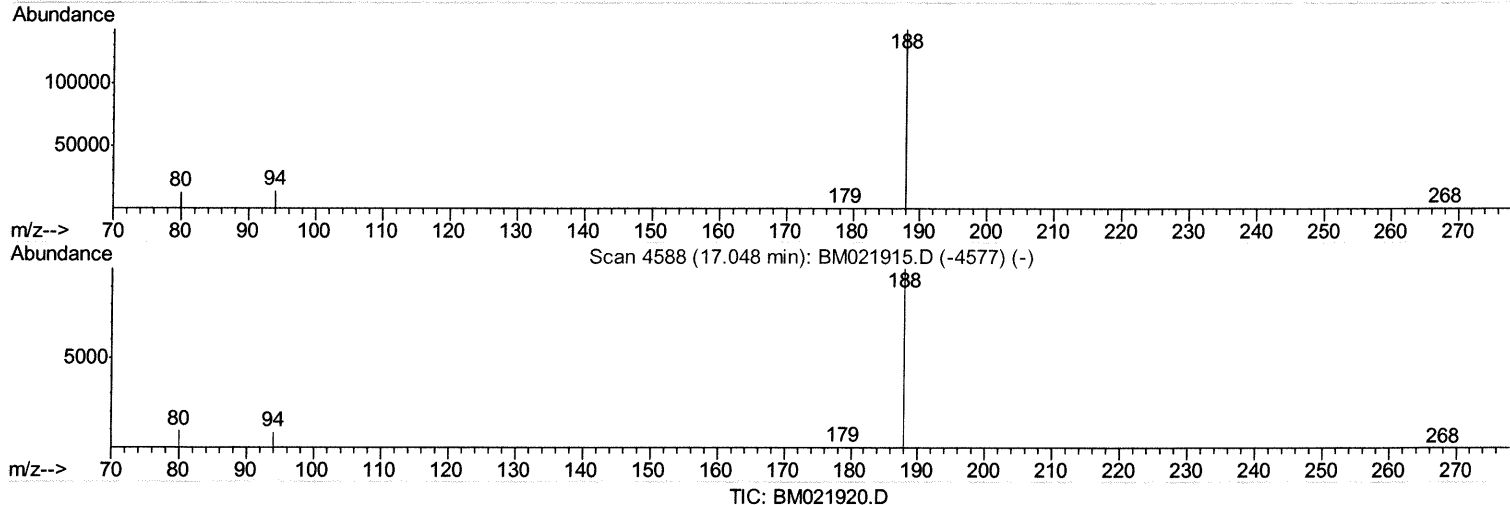
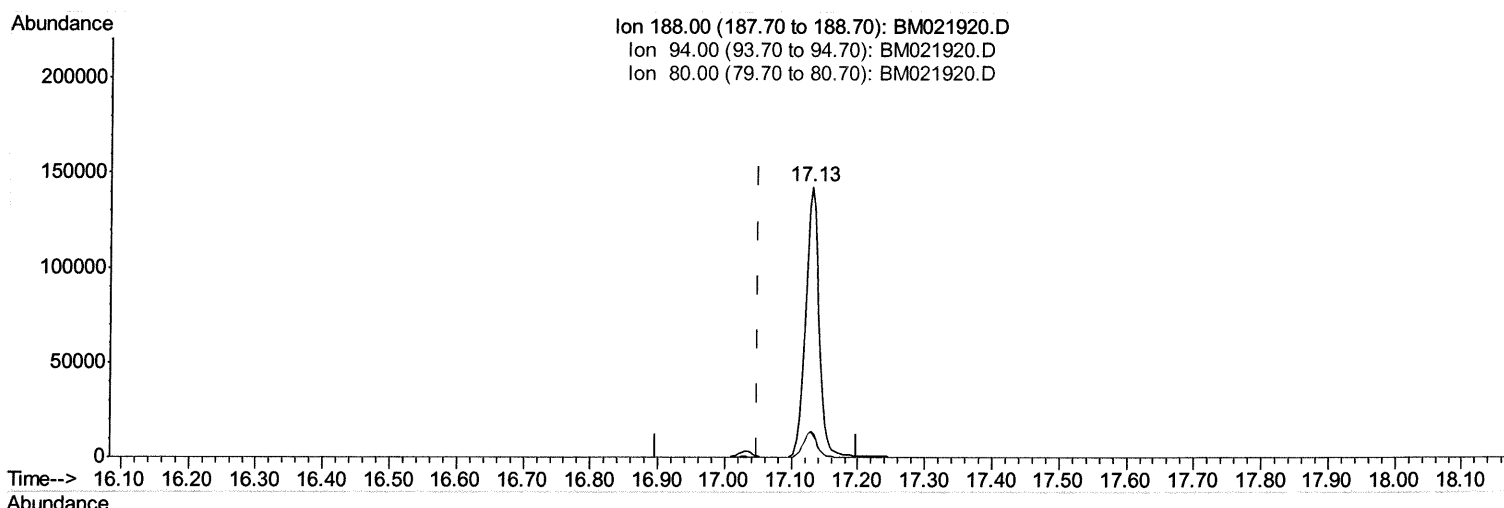
Data File : BM021920.D
Acq On : 08 Aug 2019 06:26
Operator : HP/JU
Sample : K4028-19
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP71

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:41 AM

Quant Time: Aug 08 07:13:28 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 : Thu Aug 08 06:54:24 2019
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.129min (+0.082) 0.40ng/ul

response 198738

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	9.65
80.00	11.40	9.14
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

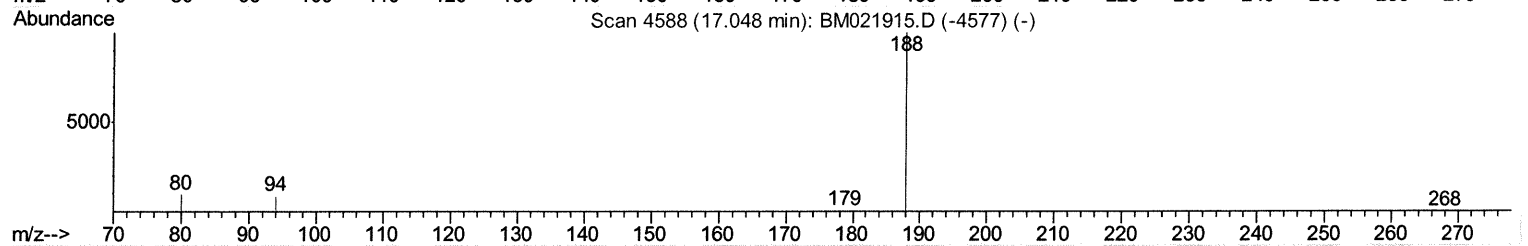
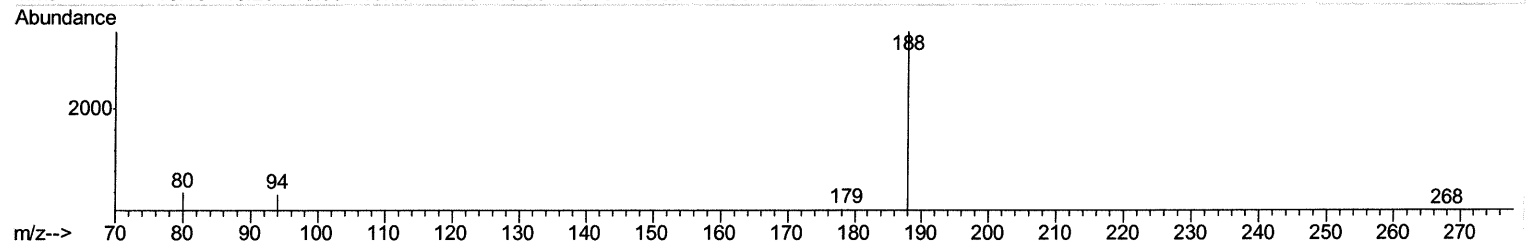
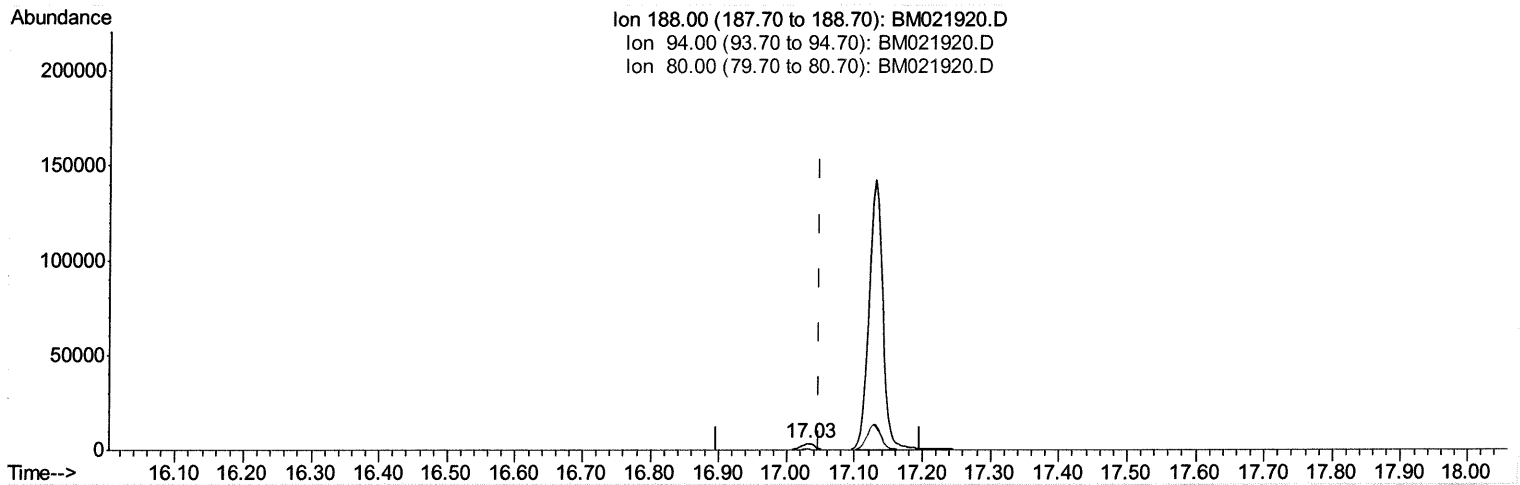
Data File : BM021920.D
Acq On : 08 Aug 2019 06:26
Operator : HP/JU
Sample : K4028-19
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP71

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:41 AM

Quant Time: Aug 08 07:13:28 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 : Thu Aug 08 06:54:24 2019
Response via : Initial Calibration



TIC: BM021920.D

(10) Phenanthrene-d10 (I)

17.032min (-0.016) 0.40ng/ul m *JU 08/08/19*

response 4946

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	10.36
80.00	11.40	11.47
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

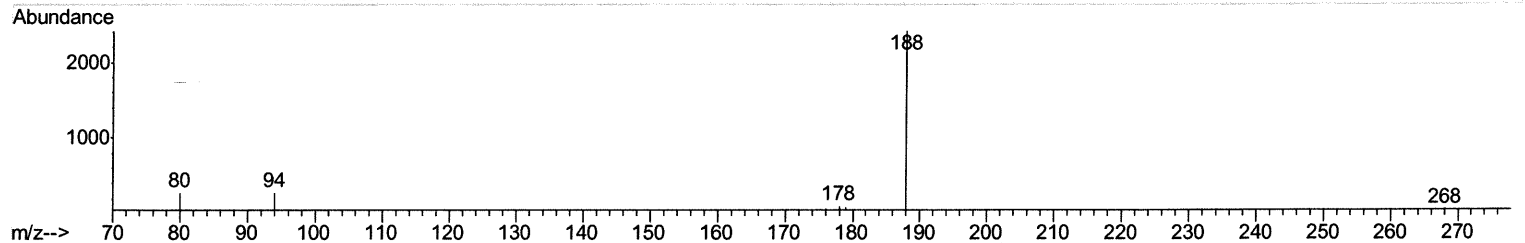
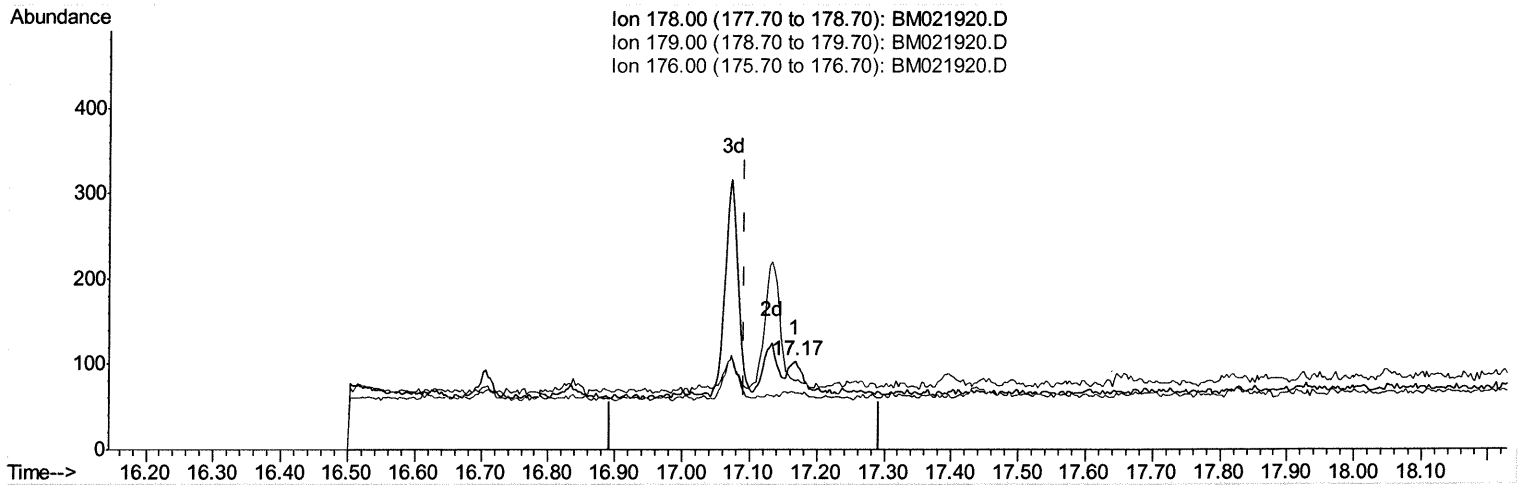
Data File : BM021920.D
Acq On : 08 Aug 2019 06:26
Operator : HP/JU
Sample : K4028-19
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP71

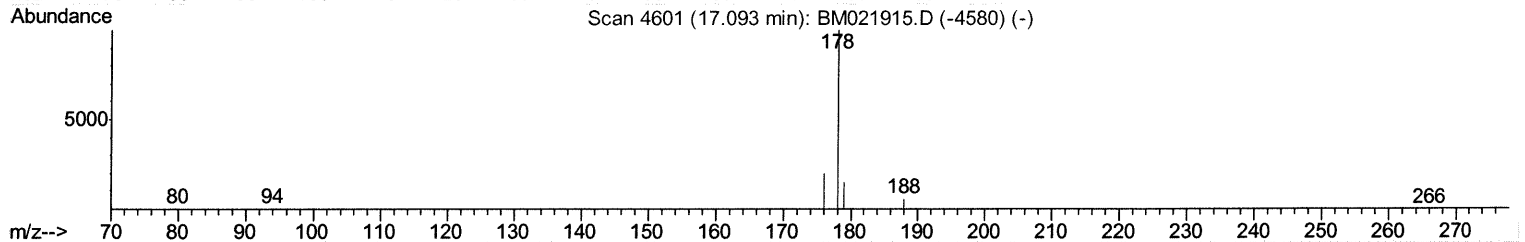
Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:41 AM

Quant Time: Aug 08 07:13:55 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 : Thu Aug 08 06:54:24 2019
Response via : Initial Calibration



Scan 4601 (17.093 min): BM021915.D (-4580) (-)



TIC: BM021920.D

(12) Phenanthrene

17.167min (+0.075) 0.01ng/ul

response 72

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	77.88#
176.00	21.00	63.46#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

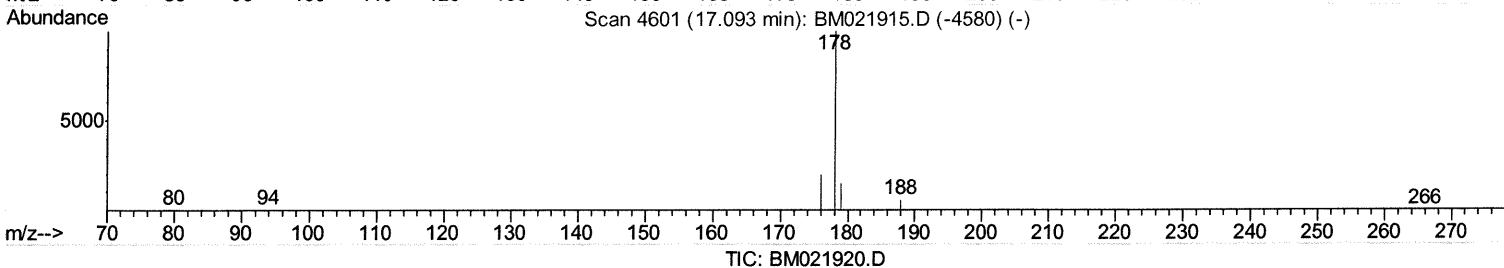
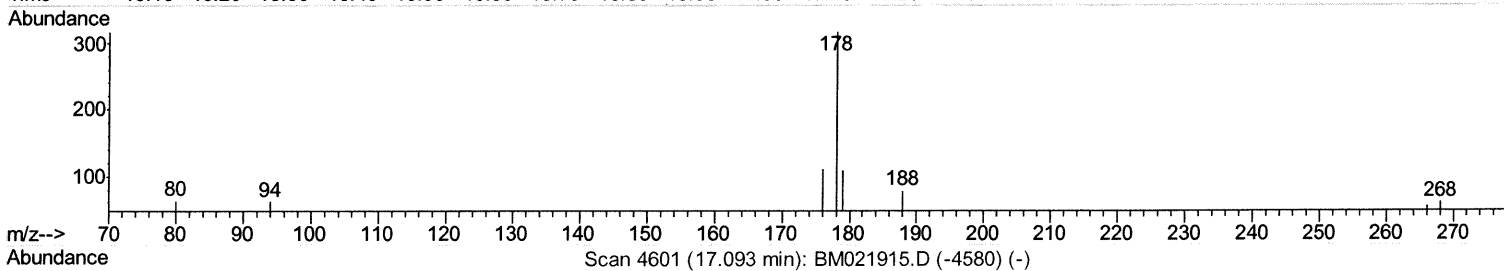
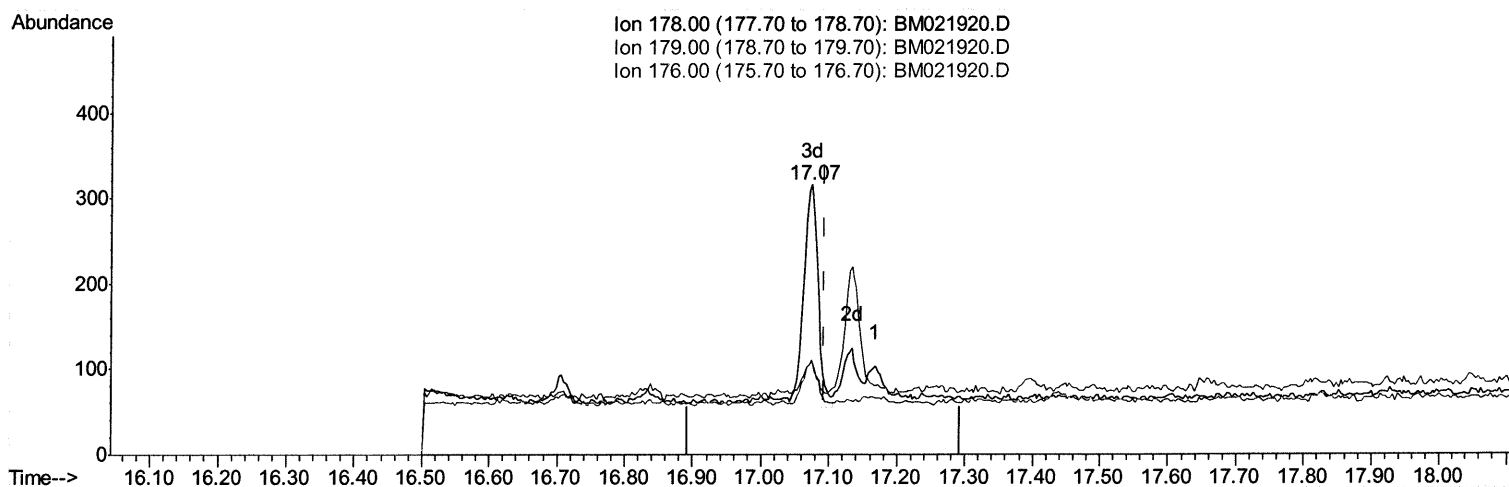
Data File : BM021920.D
Acq On : 08 Aug 2019 06:26
Operator : HP/JU
Sample : K4028-19
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP71

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:41 AM

Quant Time: Aug 08 07:13:55 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 : Thu Aug 08 06:54:24 2019
Response via : Initial Calibration



(12) Phenanthrene

17.074min (-0.019) 0.03ng/ul m

JU
08/08/19

response 381

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	34.49#
176.00	21.00	35.13#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

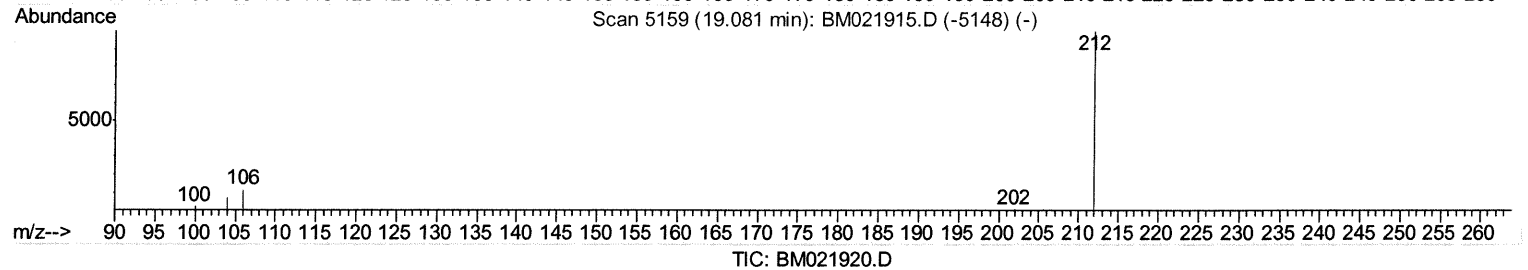
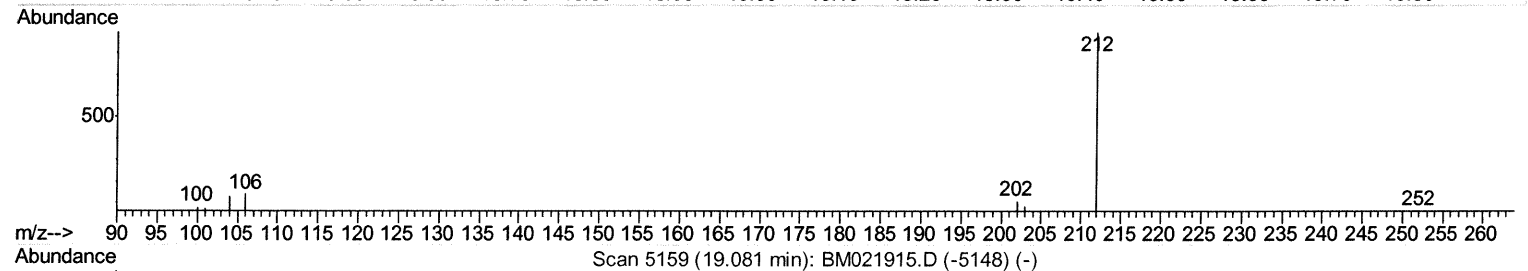
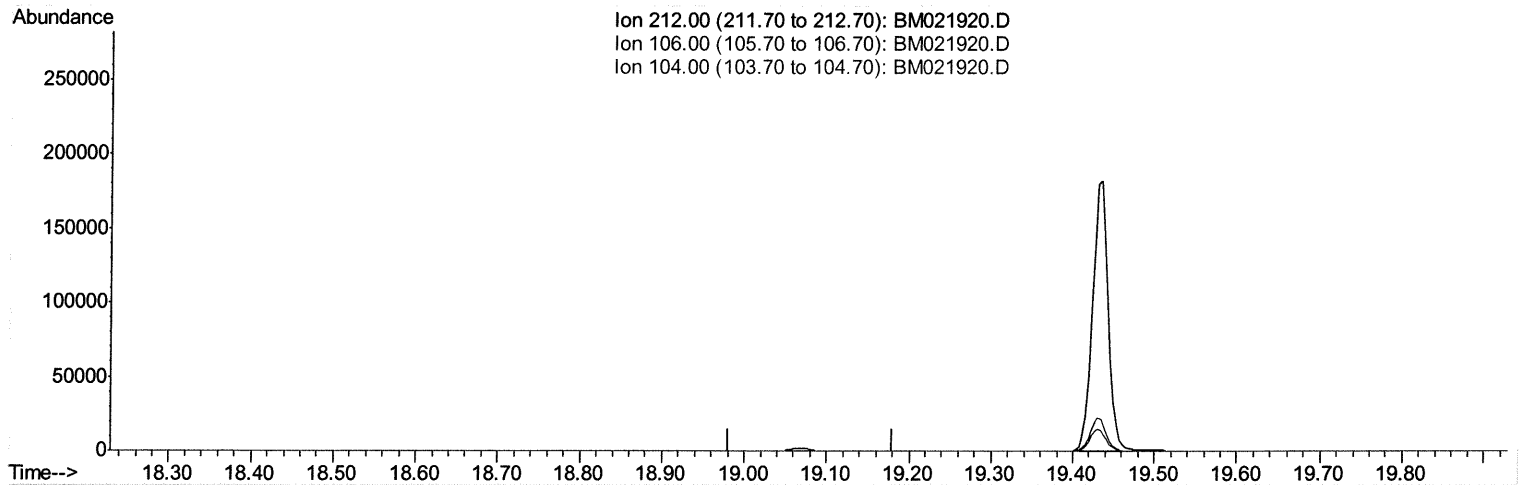
Data File : BM021920.D
Acq On : 08 Aug 2019 06:26
Operator : HP/JU
Sample : K4028-19
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP71

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:41 AM

Quant Time: Aug 08 07:13:55 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 : Thu Aug 08 06:54:24 2019
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.081min (-19.081) 0.00ng/ul

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

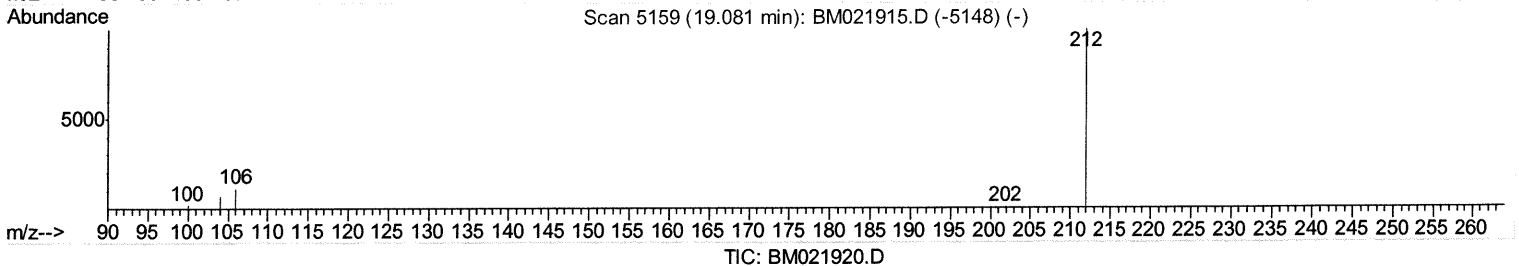
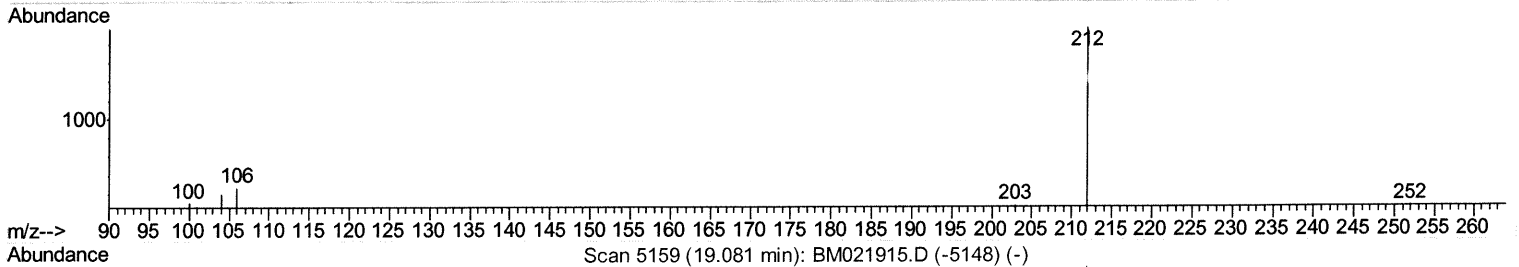
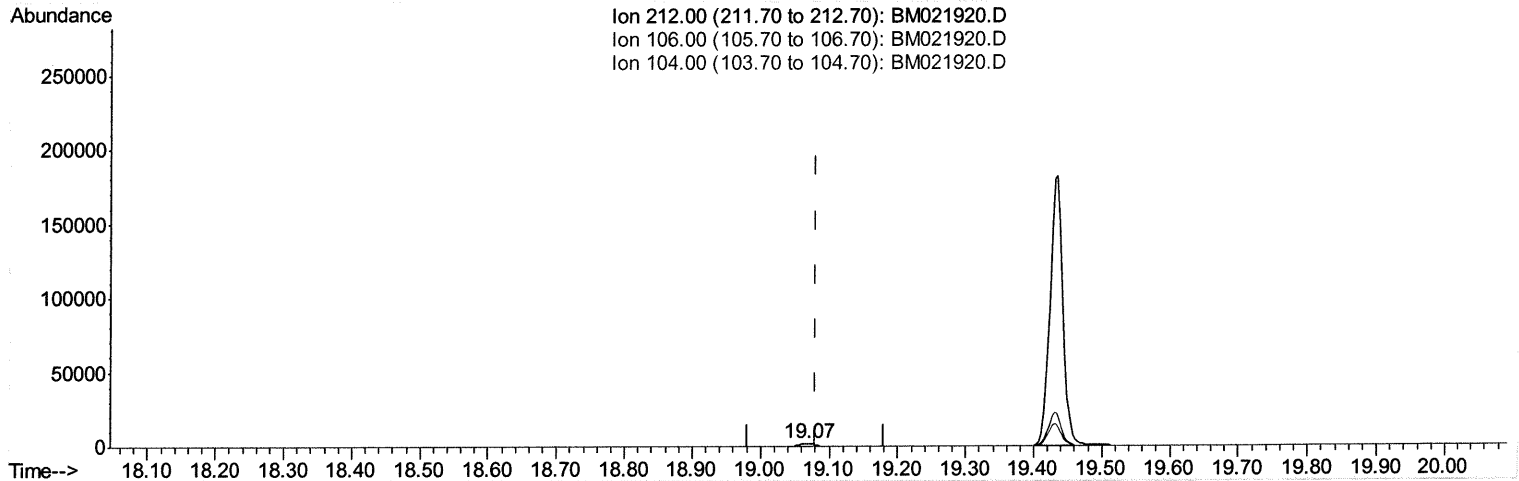
Data File : BM021920.D
Acq On : 08 Aug 2019 06:26
Operator : HP/JU
Sample : K4028-19
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP71

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:41 AM

Quant Time: Aug 08 07:13:55 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 : Thu Aug 08 06:54:24 2019
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.068min (-0.013) 0.16ng/ul m

JU 8/8/19

response 2720

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

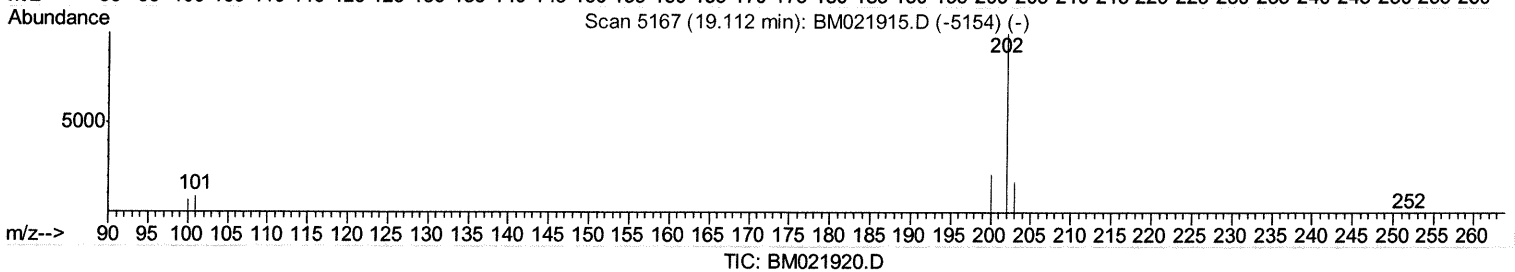
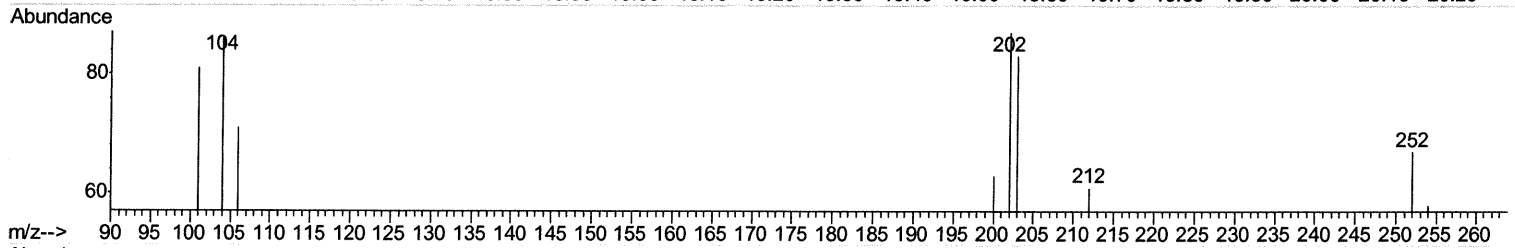
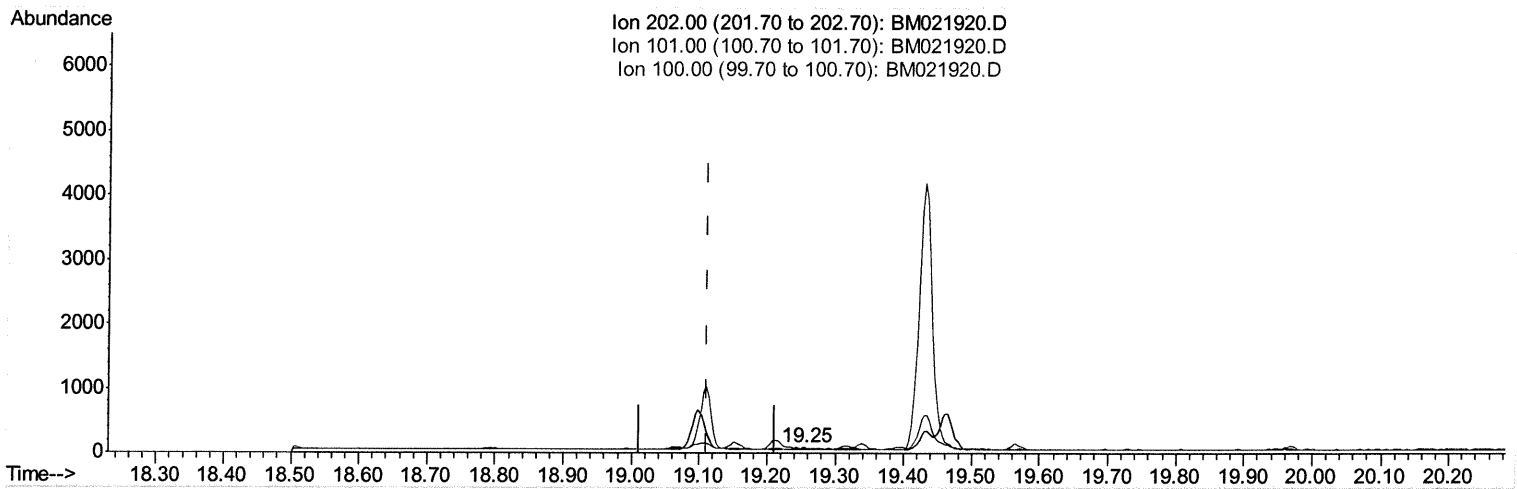
Data File : BM021920.D
Acq On : 08 Aug 2019 06:26
Operator : HP/JU
Sample : K4028-19
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP71

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:41 AM

Quant Time: Aug 08 07:13:55 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 : Thu Aug 08 06:54:24 2019
Response via : Initial Calibration



(15) Fluoranthene (C)

19.255min (+0.143) 0.00ng/ul

response 55

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	93.10#
100.00	8.10	65.52#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

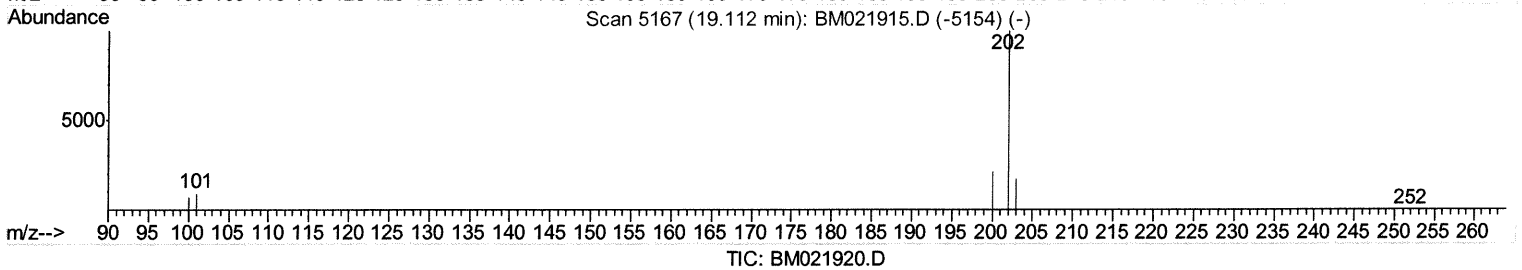
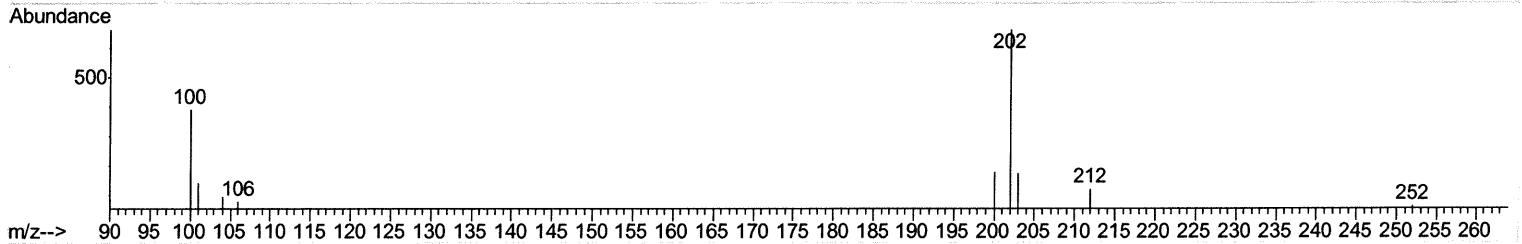
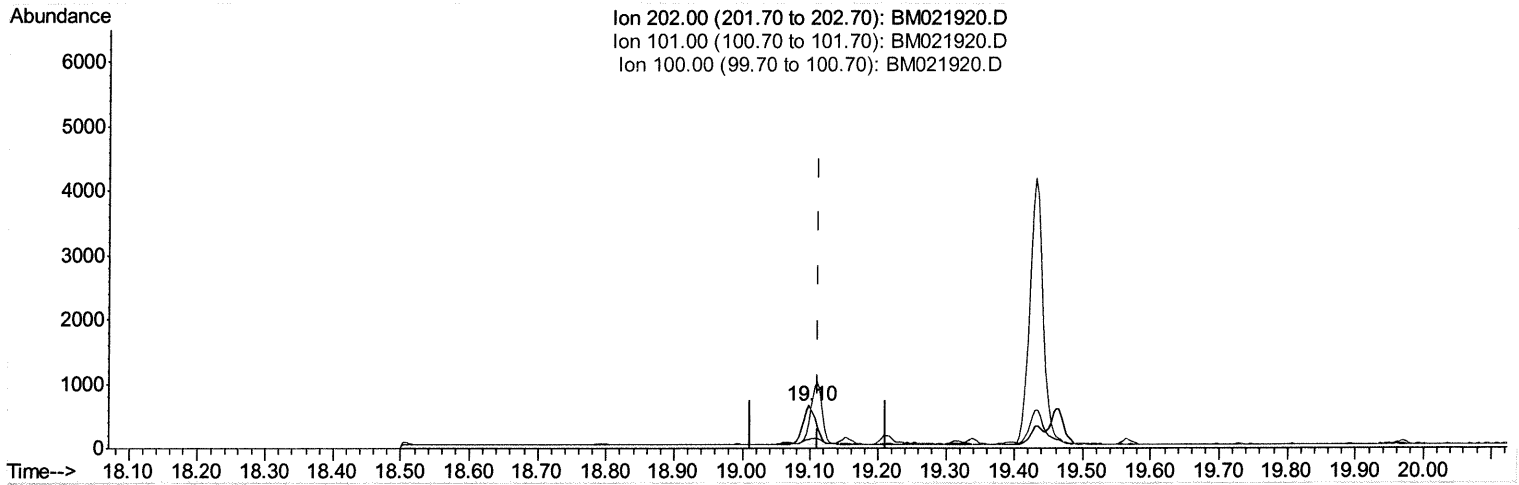
Data File : BM021920.D
Acq On : 08 Aug 2019 06:26
Operator : HP/JU
Sample : K4028-19
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP71

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:41 AM

Quant Time: Aug 08 07:13:55 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 : Thu Aug 08 06:54:24 2019
Response via : Initial Calibration



(15) Fluoranthene (C)

19.098min (-0.013) 0.04ng/ul m *JU 08/08/19*

response 806

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	21.54
100.00	8.10	59.49#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

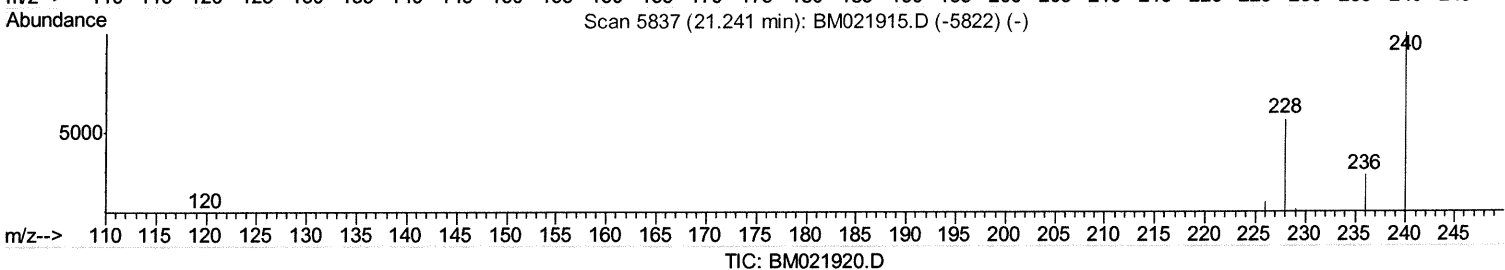
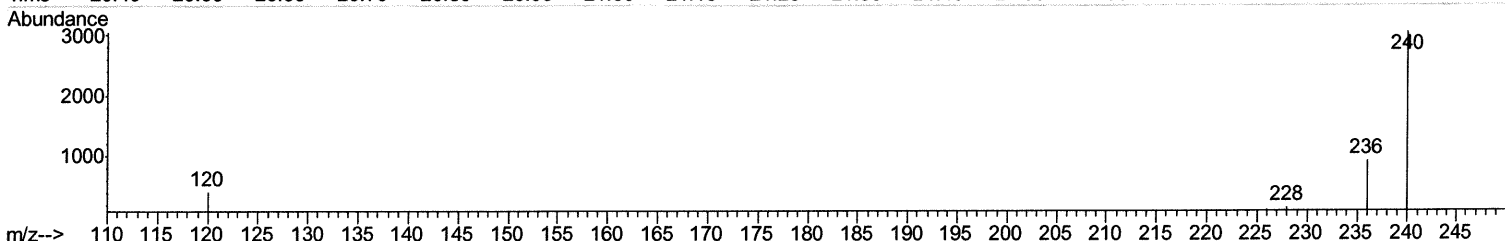
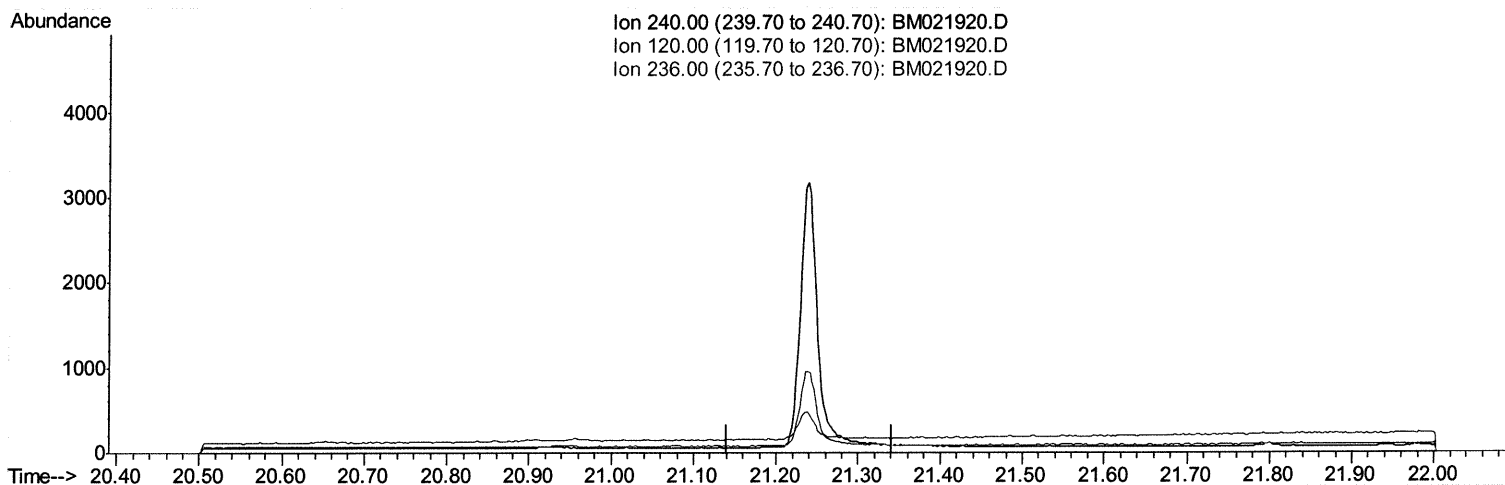
Data File : BM021920.D
Acq On : 08 Aug 2019 06:26
Operator : HP/JU
Sample : K4028-19
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP71

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:41 AM

Quant Time: Aug 08 07:13:55 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 : Thu Aug 08 06:54:24 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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

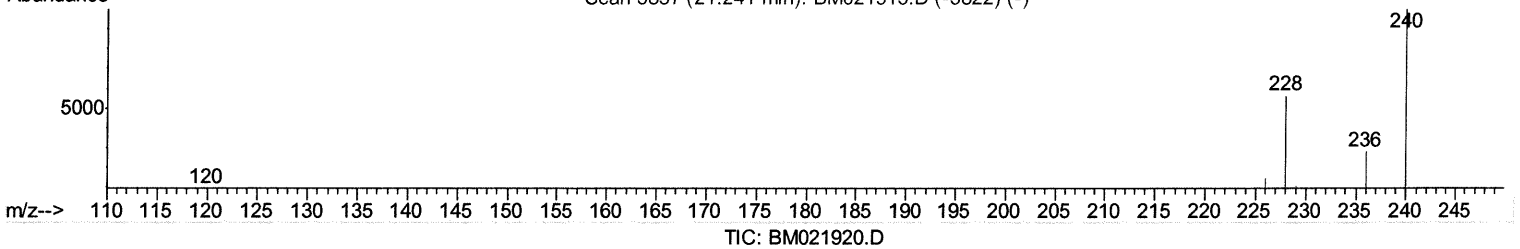
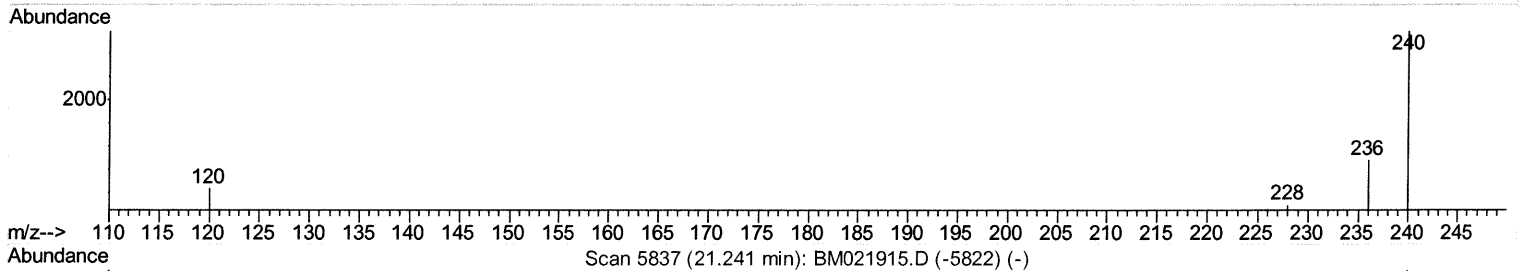
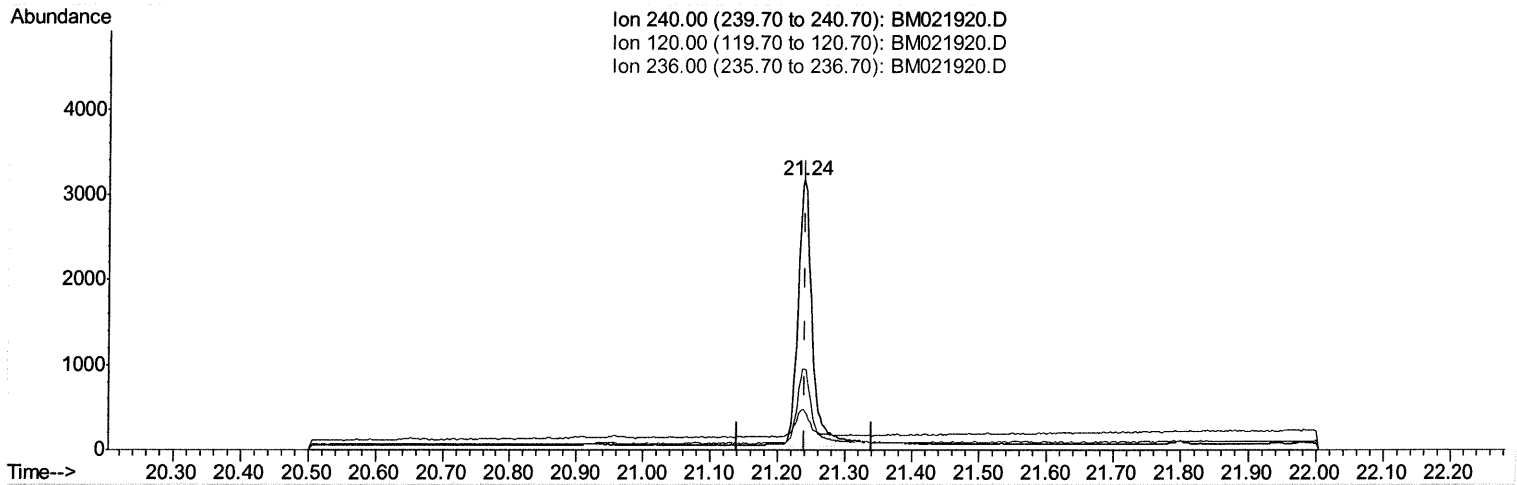
Data File : BM021920.D
Acq On : 08 Aug 2019 06:26
Operator : HP/JU
Sample : K4028-19
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BEP71

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:41 AM

Quant Time: Aug 08 07:13:55 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 : Thu Aug 08 06:54:24 2019
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.238min (-0.003) 0.40ng/ul m *Ju* 08/08/19

response 4491

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	14.91
236.00	32.30	30.14
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

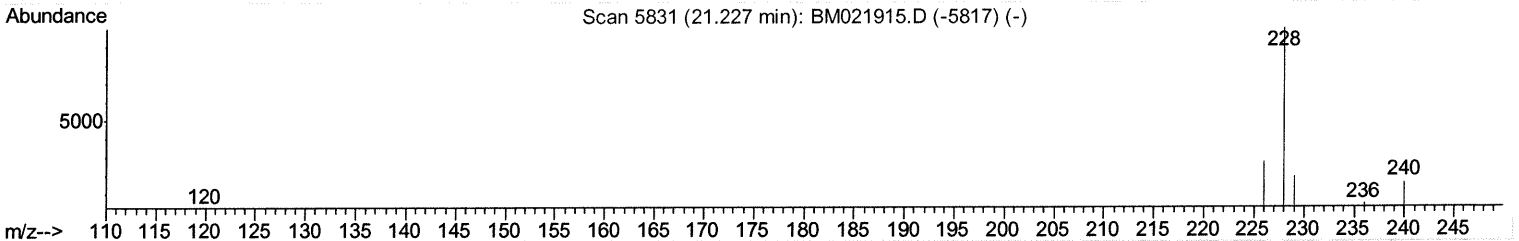
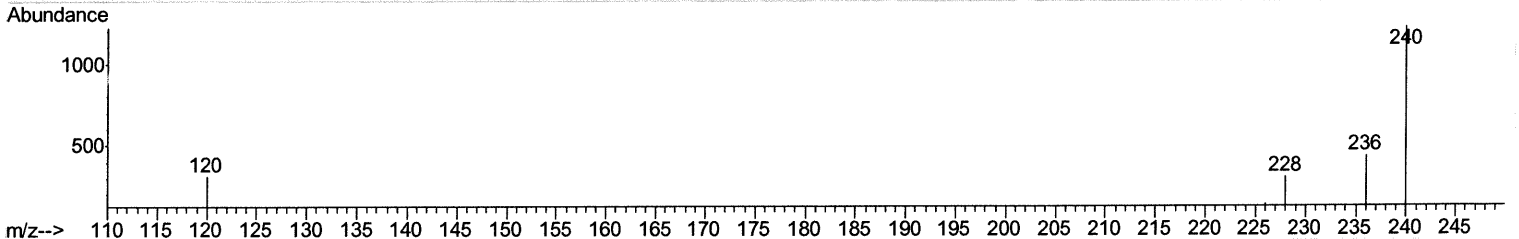
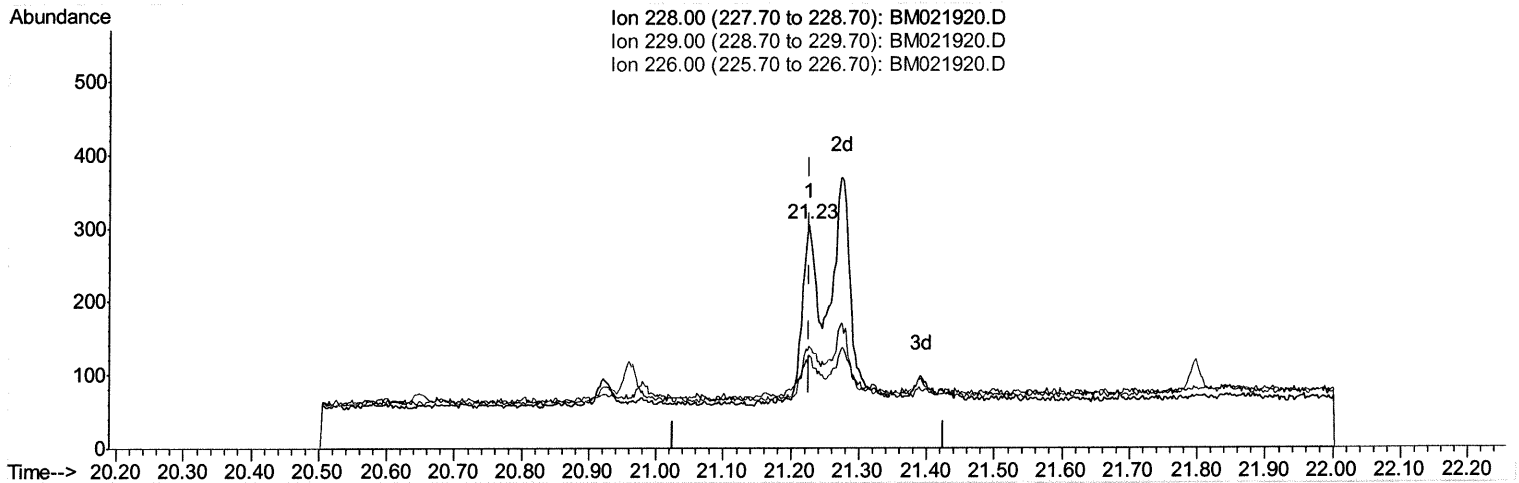
Data File : BM021920.D
Acq On : 08 Aug 2019 06:26
Operator : HP/JU
Sample : K4028-19
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP71

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:41 AM

Quant Time: Aug 08 07:15:05 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 : Thu Aug 08 06:54:24 2019
Response via : Initial Calibration



TIC: BM021920.D

(18) Benzo(a)anthracene

21.226min (-0.000) 0.03ng/ul

response 458

Ion	Exp%	Act%
228.00	100	100
229.00	21.50	41.64#
226.00	28.30	45.57#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

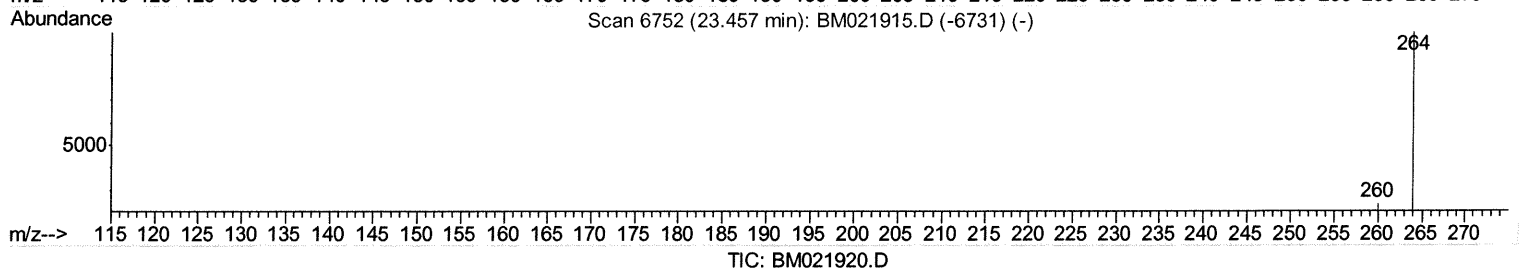
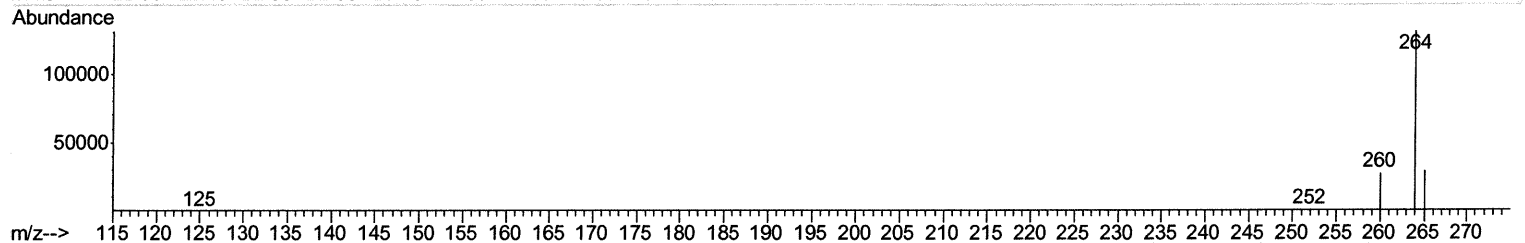
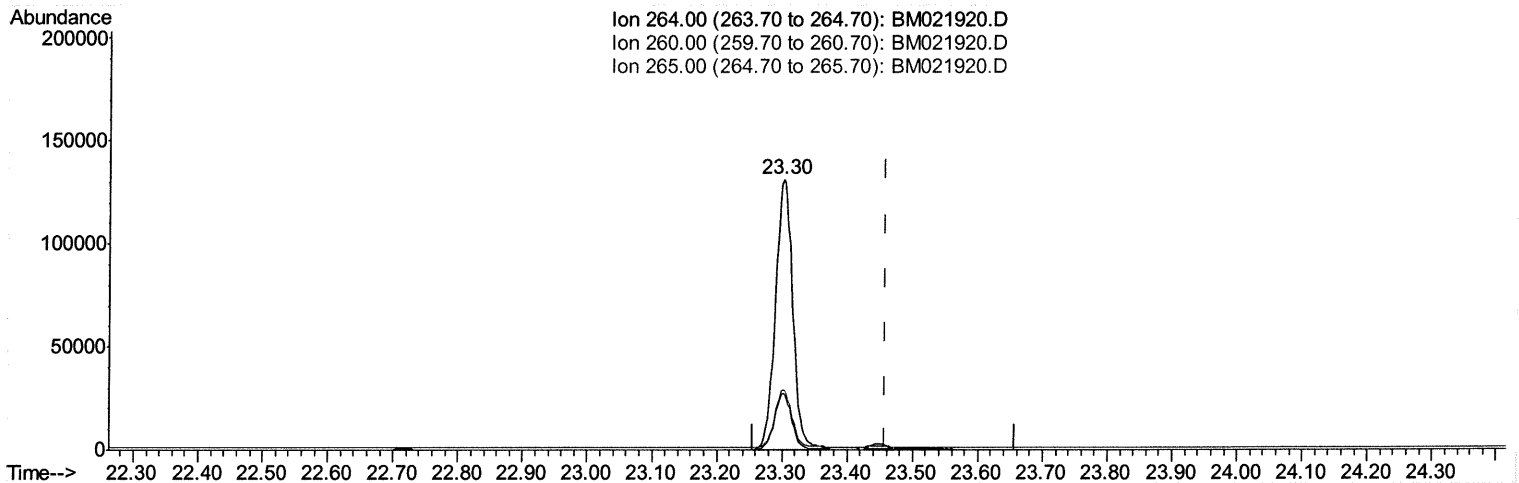
Data File : BM021920.D
Acq On : 08 Aug 2019 06:26
Operator : HP/JU
Sample : K4028-19
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP71

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:41 AM

Quant Time: Aug 08 07:15:05 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 : Thu Aug 08 06:54:24 2019
Response via : Initial Calibration



(20) Perylene-d12 (I)

23.302min (-0.155) 0.40ng/ul

response 240285

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	21.03#
265.00	117.00	22.34#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

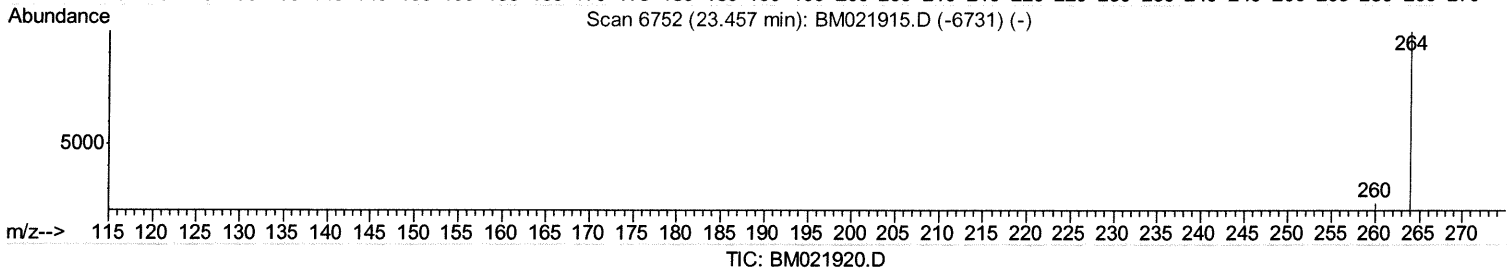
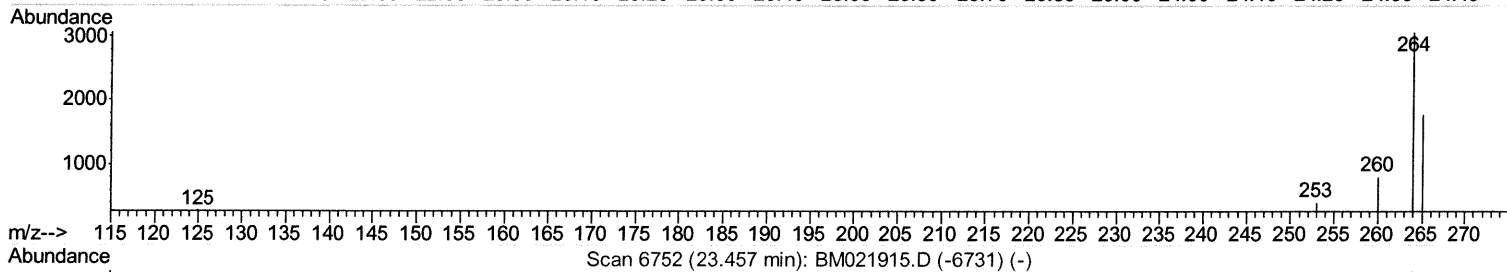
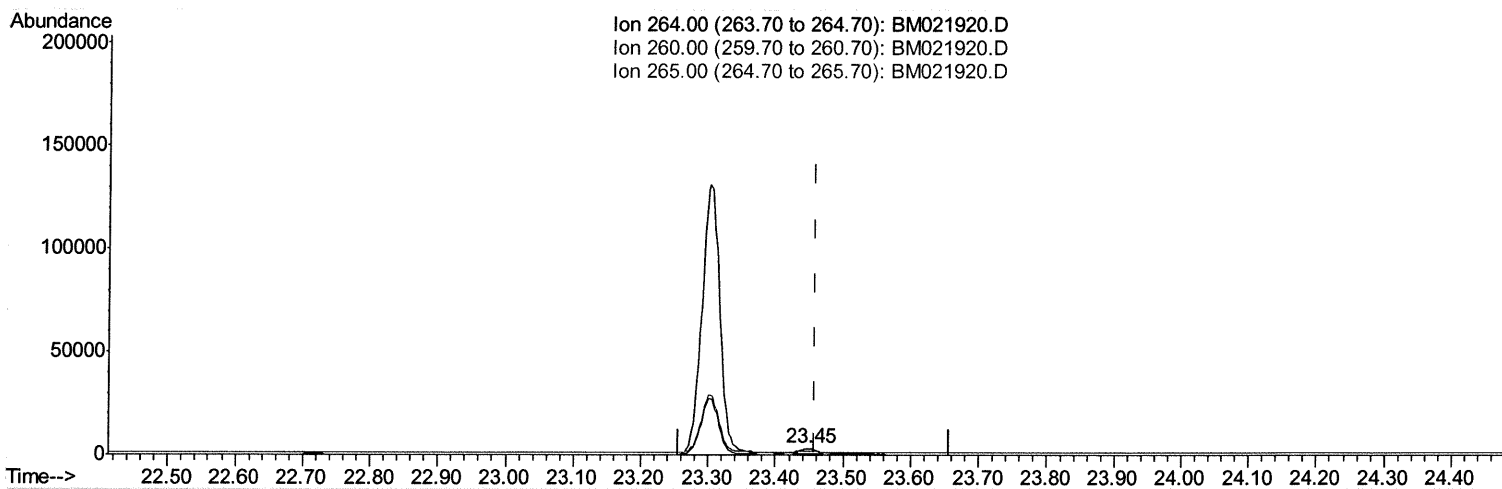
Data File : BM021920.D
Acq On : 08 Aug 2019 06:26
Operator : HP/JU
Sample : K4028-19
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP71

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:41 AM

Quant Time: Aug 08 07:15:05 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 : Thu Aug 08 06:54:24 2019
Response via : Initial Calibration



(20) Perylene-d12 (I)

23.450min (-0.008) 0.40ng/ul m *JU 08/08/19*

response 5047

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	26.32
265.00	117.00	58.37#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\

Data File : BM021920.D

Acq On : 08 Aug 2019 06:26

Operator : HP/JU

Sample : K4028-19

Misc :

ALS Vial : 30 Sample Multiplier: 1

Quant Time: Aug 16 08:10:00 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 : Thu Aug 08 06:54:24 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

BEP71

Manual Integrations

APPROVED

mohammad

8/9/2019 6:11:41 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	901	0.40	ng/ul	0.00
2) Naphthalene-d8	10.40	136	3871	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	2159	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	4946m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.24	240	4491m	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	5047m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	1014	0.16	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	2720m	0.16	ng/ul	-0.01
Target Compounds						
15) Fluoranthene	19.10	202	806m	0.042	ng/ul	Ovalue
17) Pyrene	19.46	202	770	0.042	ng/ul#	66

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

JU
08/08/19

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\

Data File : BM021920.D

Acq On : 08 Aug 2019 06:26

Operator : HP/JU

Sample : K4028-19

Misc :

ALS Vial : 30 Sample Multiplier: 1

Quant Time: Aug 16 08:10:00 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 : Thu Aug 08 06:54:24 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

BEP71

Manual Integrations
APPROVEDmohammad
8/9/2019 6:11:41 AM