

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Quantitation Report (QT Reviewed)

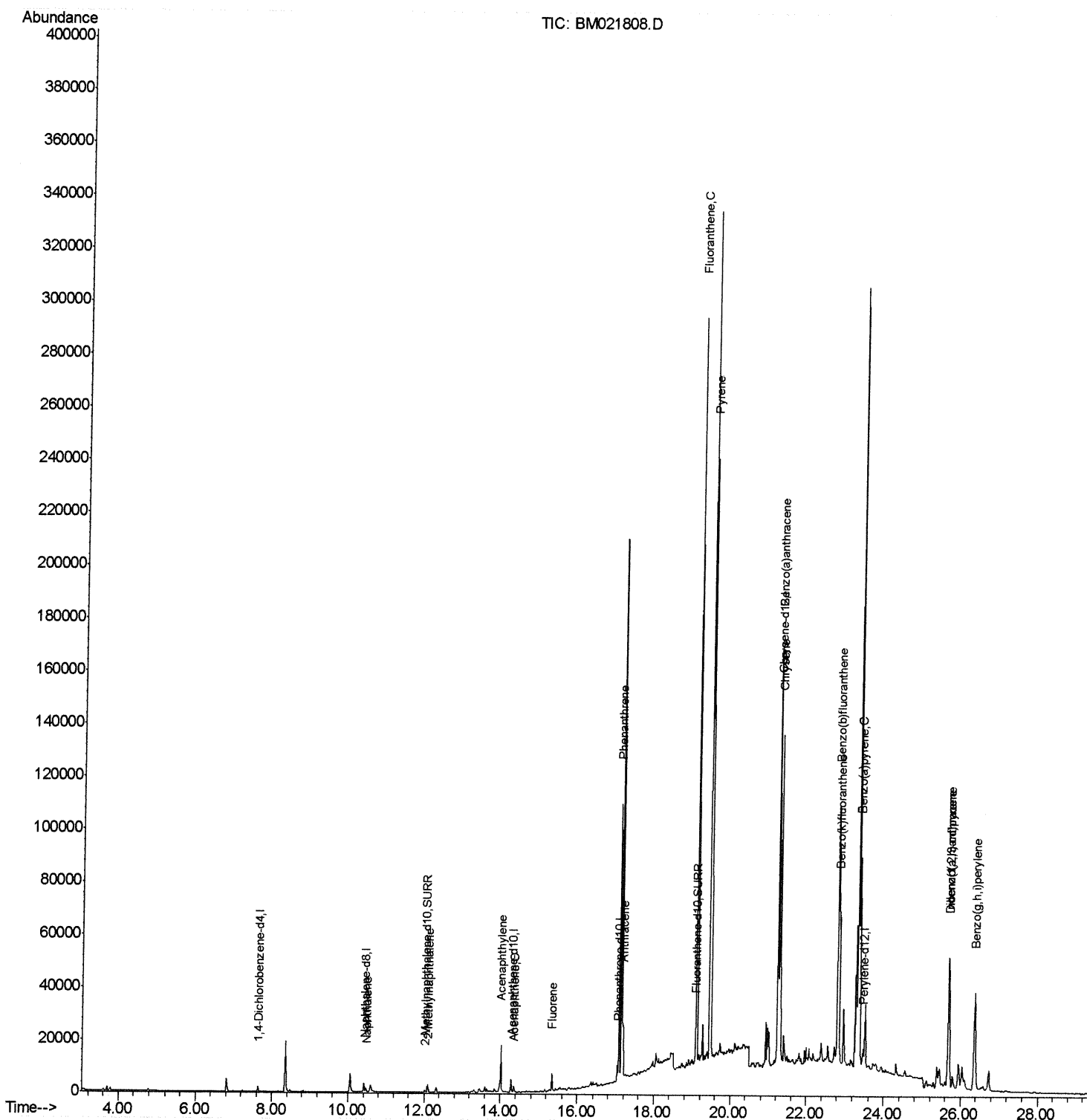
Data File : BM021808.D
Acq On : 04 Aug 2019 12:21
Operator : HP/JU
Sample : K3850-18
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENS4

Manual Integrations
APPROVED

mohammad
8/5/2019 10:15:26 PM

Quant Time: Aug 05 05:59:11 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 : Mon Aug 05 05:26:43 2019
Response via : Initial Calibration



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Quantitation Report (Qedit)

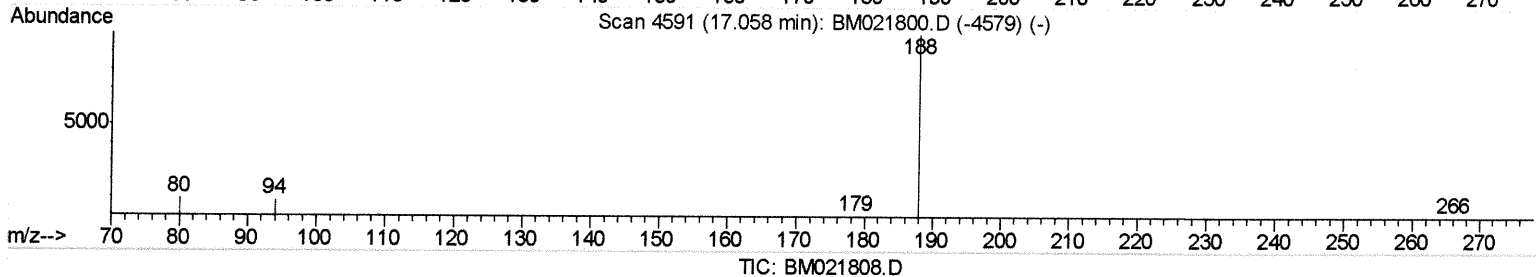
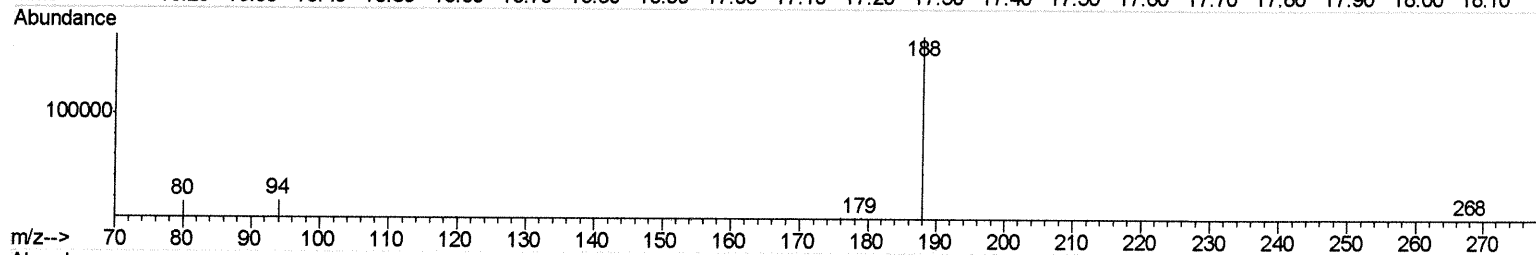
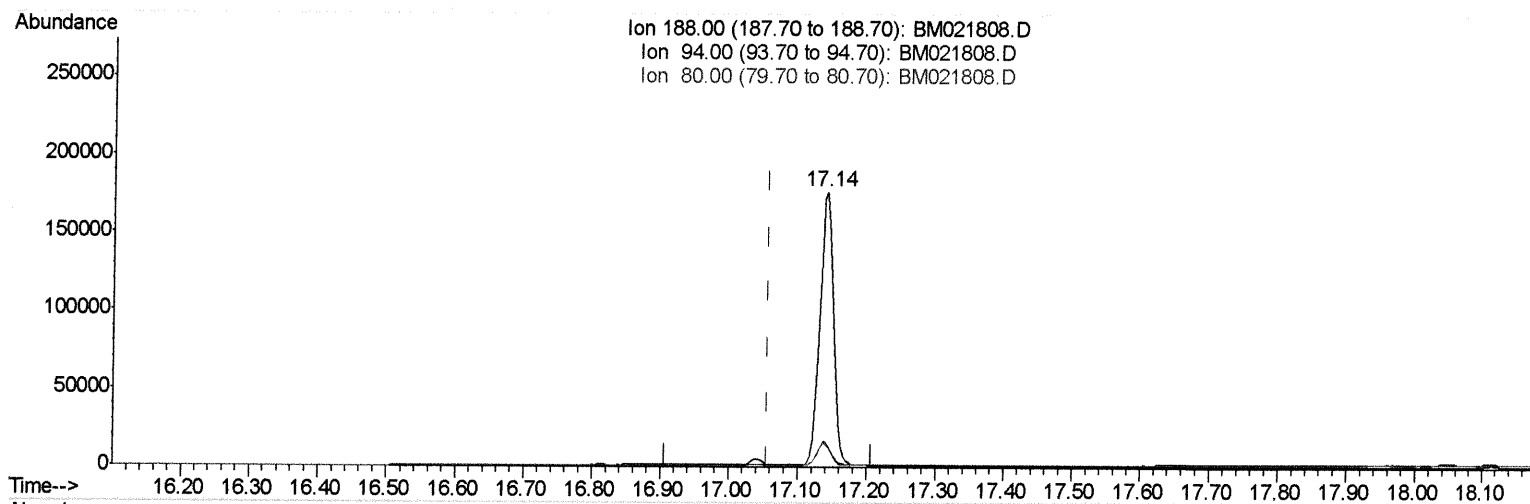
Data File : BM021808.D
Acq On : 04 Aug 2019 12:21
Operator : HP/JU
Sample : K3850-18
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENS4

Manual Integrations
APPROVED

mohammad
8/5/2019 10:15:26 PM

Quant Time: Aug 05 05:29:57 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 : Mon Aug 05 05:26:43 2019
Response via : Initial Calibration



TIC: BM021808.D

(10) Phenanthrene-d10 (I)

17.141min (+0.083) 0.40ng/ui

response 246767

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	9.02
80.00	11.40	8.42#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Quantitation Report (Qedit)

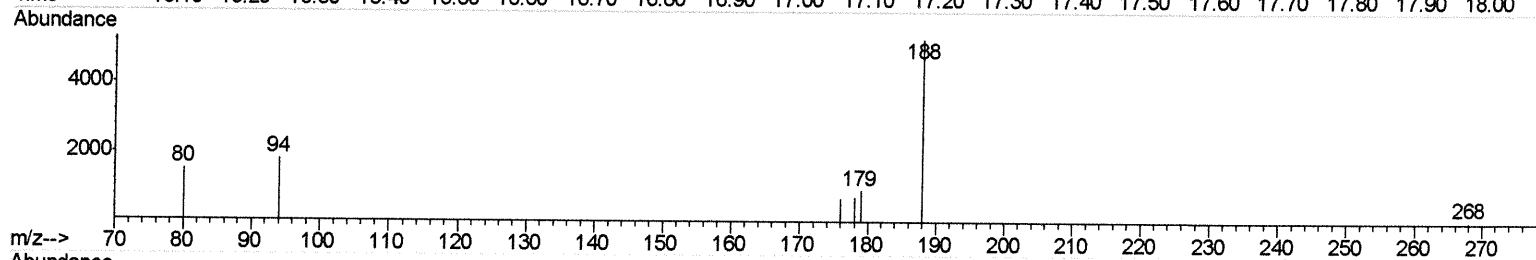
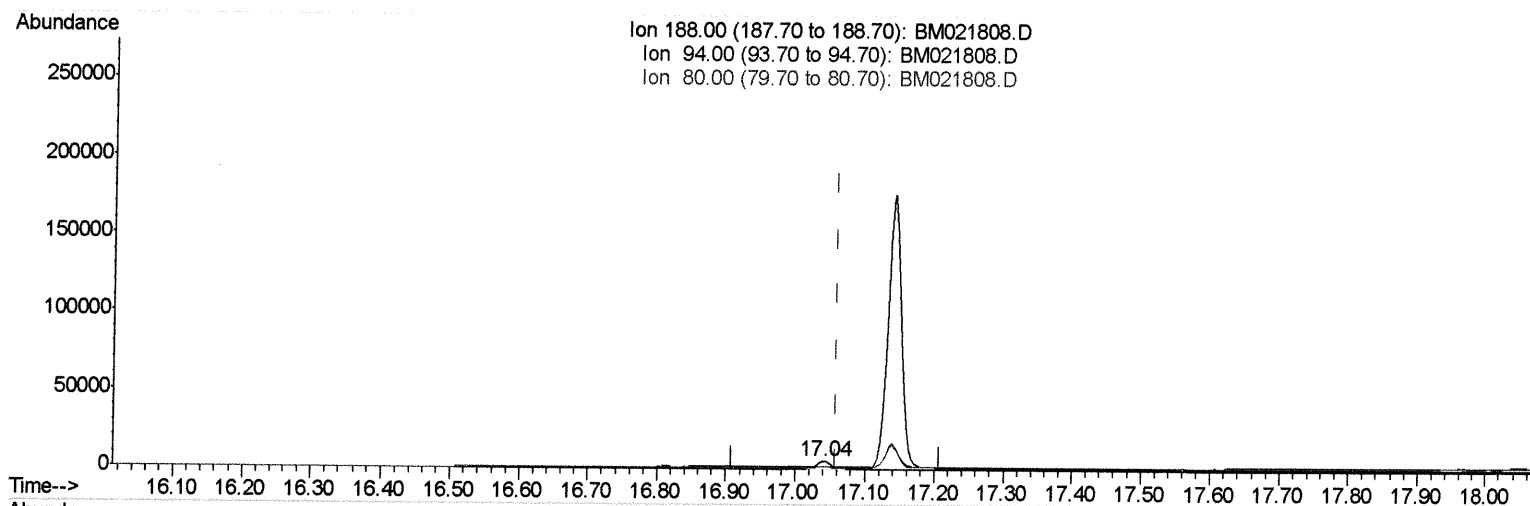
Data File : BM021808.D
Acq On : 04 Aug 2019 12:21
Operator : HP/JU
Sample : K3850-18
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENS4

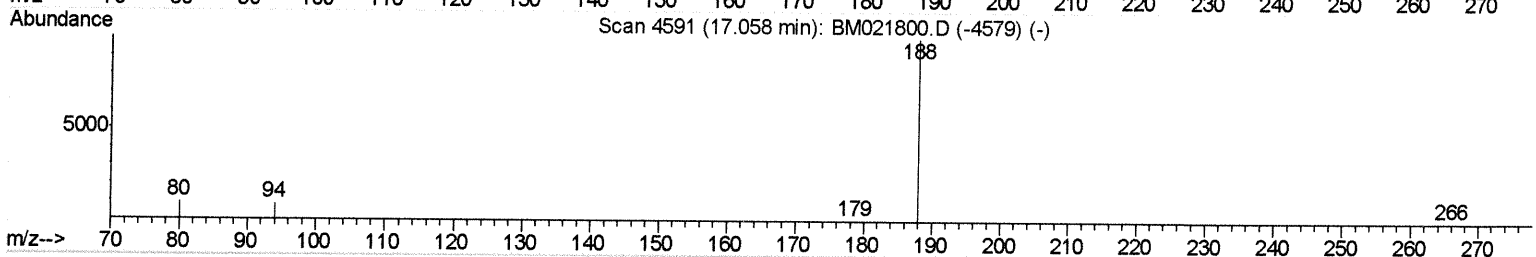
Manual Integrations
APPROVED

mohammad
8/5/2019 10:15:26 PM

Quant Time: Aug 05 05:29:57 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 : Mon Aug 05 05:26:43 2019
Response via : Initial Calibration



Scan 4591 (17.058 min): BM021808.D (-4579) (-)



TIC: BM021808.D

(10) Phenanthrene-d10 (I)

17.041min (-0.018) 0.40ng/ul m

response 7147

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	34.35#
80.00	11.40	28.78#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Quantitation Report (Qedit)

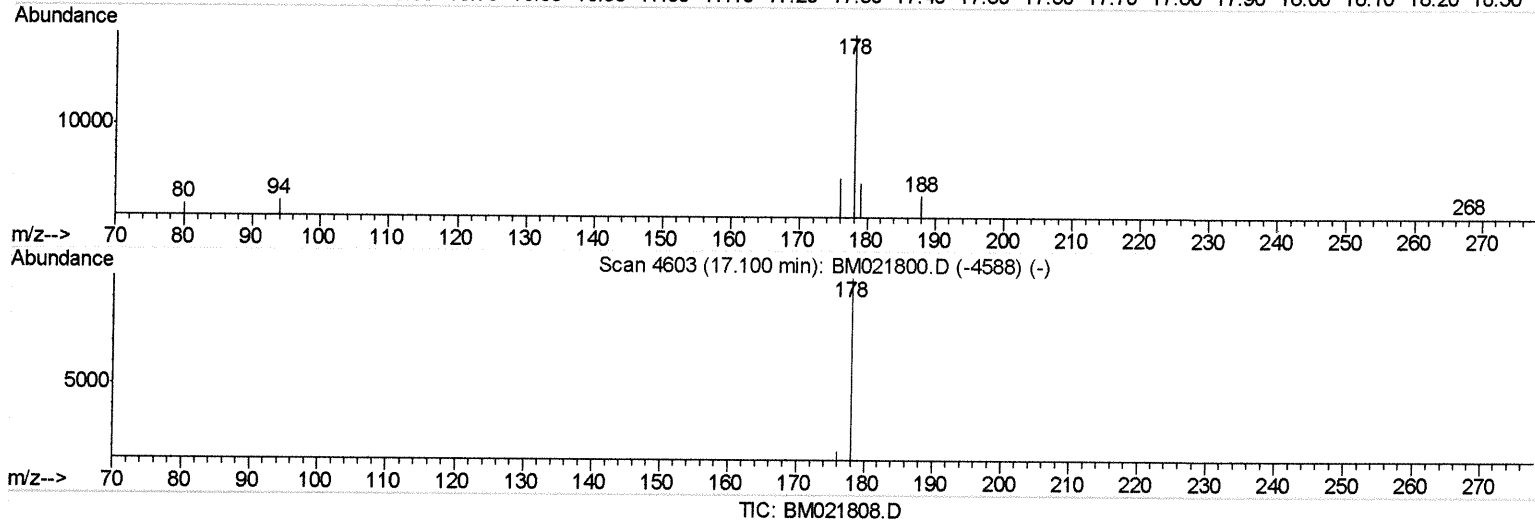
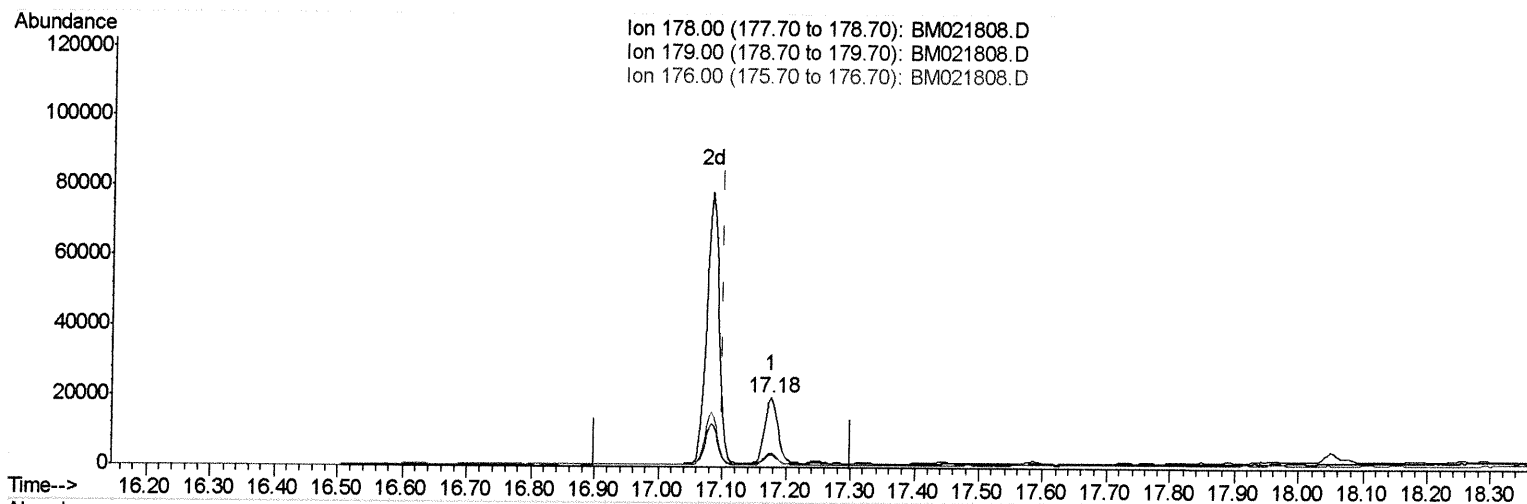
Data File : BM021808.D
Acq On : 04 Aug 2019 12:21
Operator : HP/JU
Sample : K3850-18
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENS4

Manual Integrations
APPROVED

mohammad
8/5/2019 10:15:26 PM

Quant Time: Aug 05 05:56:11 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 : Mon Aug 05 05:26:43 2019
Response via : Initial Calibration



(12) Phenanthrene

17.176min (+0.076) 1.44ng/ul

response 30047

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	18.52
176.00	21.00	21.43
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Quantitation Report (Qedit)

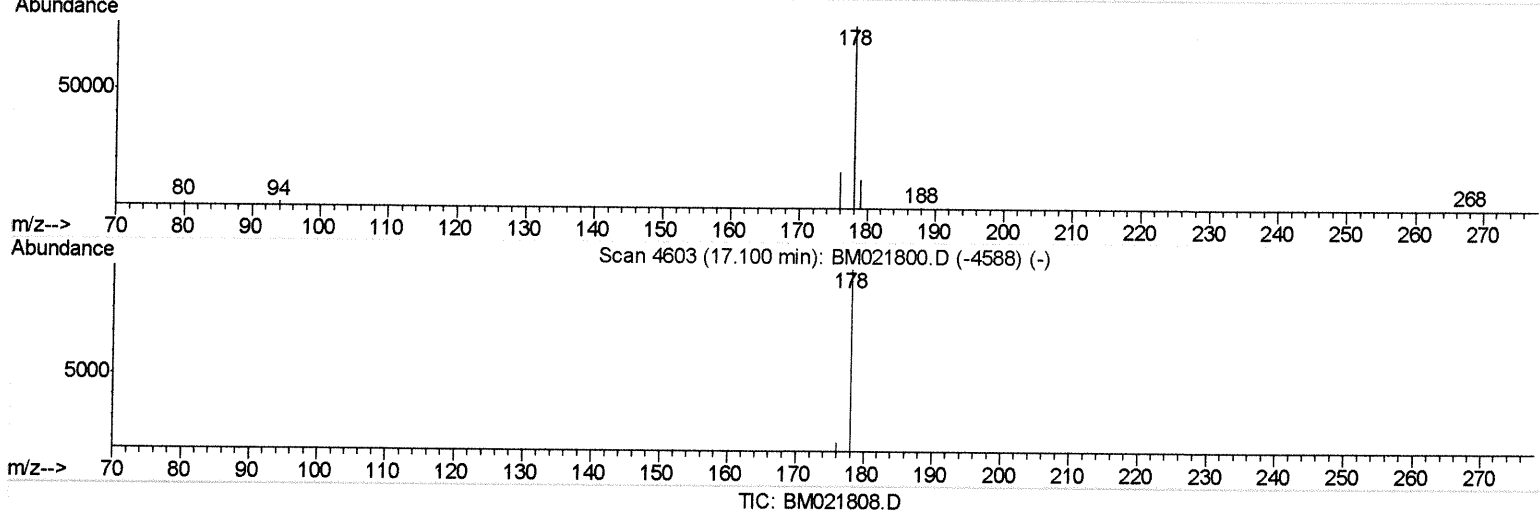
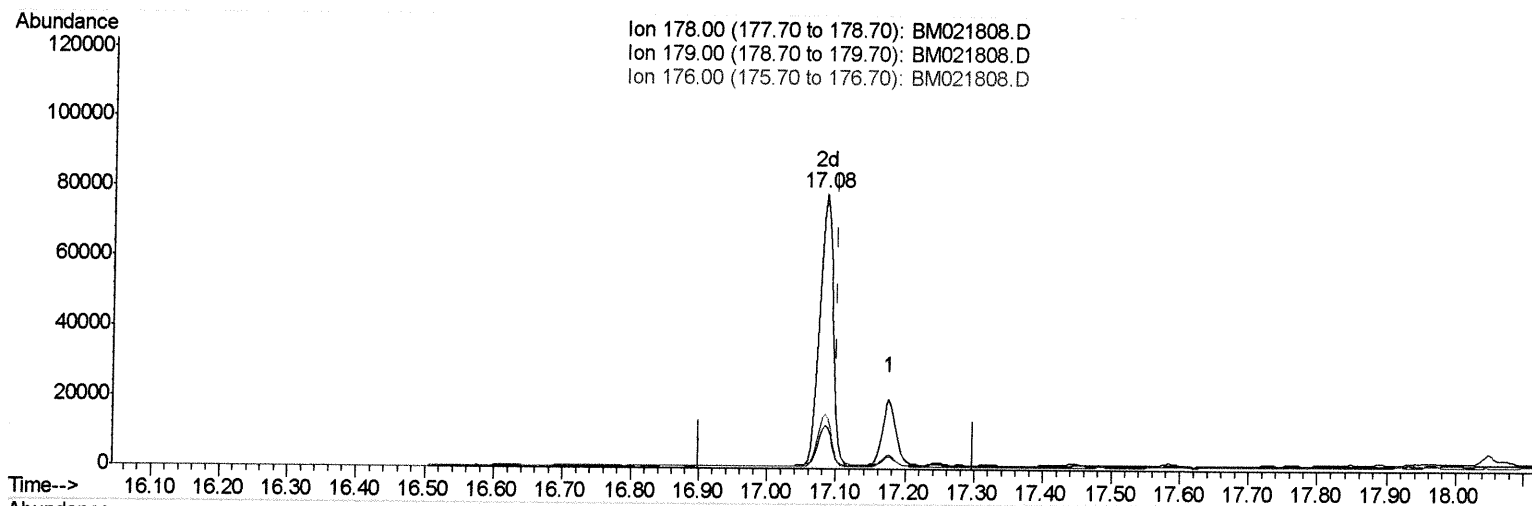
Data File : BM021808.D
Acq On : 04 Aug 2019 12:21
Operator : HP/JU
Sample : K3850-18
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BENS4

Manual Integrations
APPROVED

mohammad
8/5/2019 10:15:26 PM

Quant Time: Aug 05 05:56:11 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 : Mon Aug 05 05:26:43 2019
Response via : Initial Calibration



(12) Phenanthrene

17.082min (-0.018) 5.13ng/ul m

JU
08/05/19

response 106671

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	16.07
176.00	21.00	20.06
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Quantitation Report (Qedit)

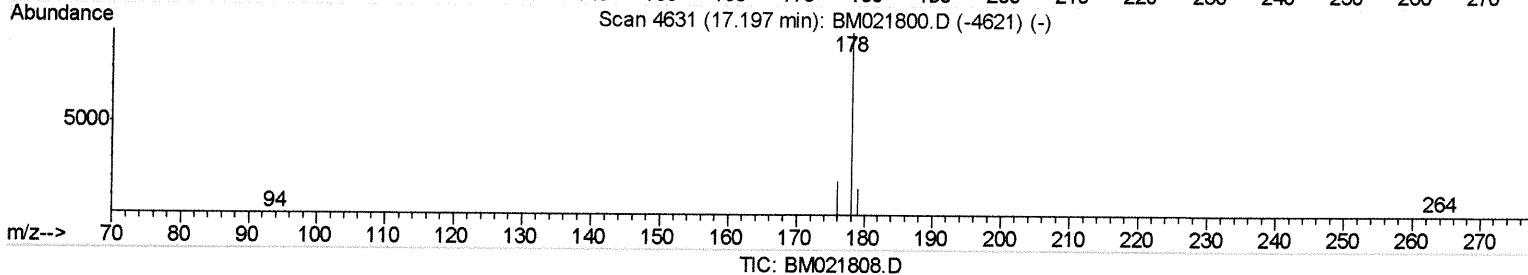
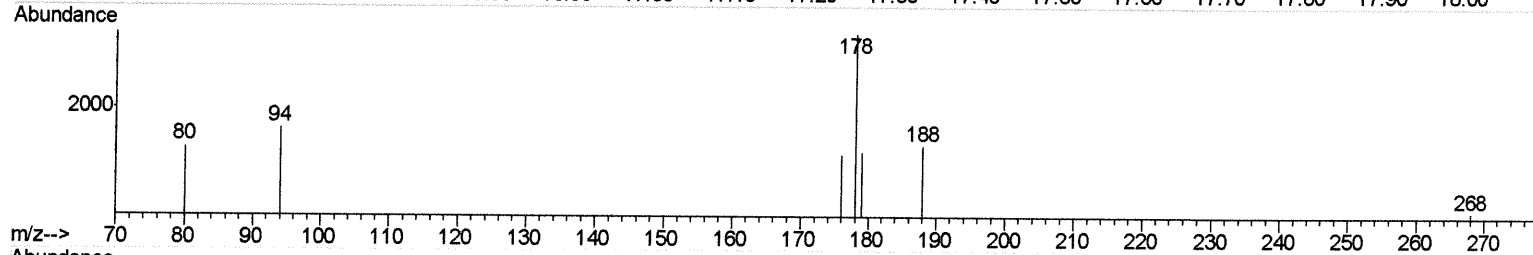
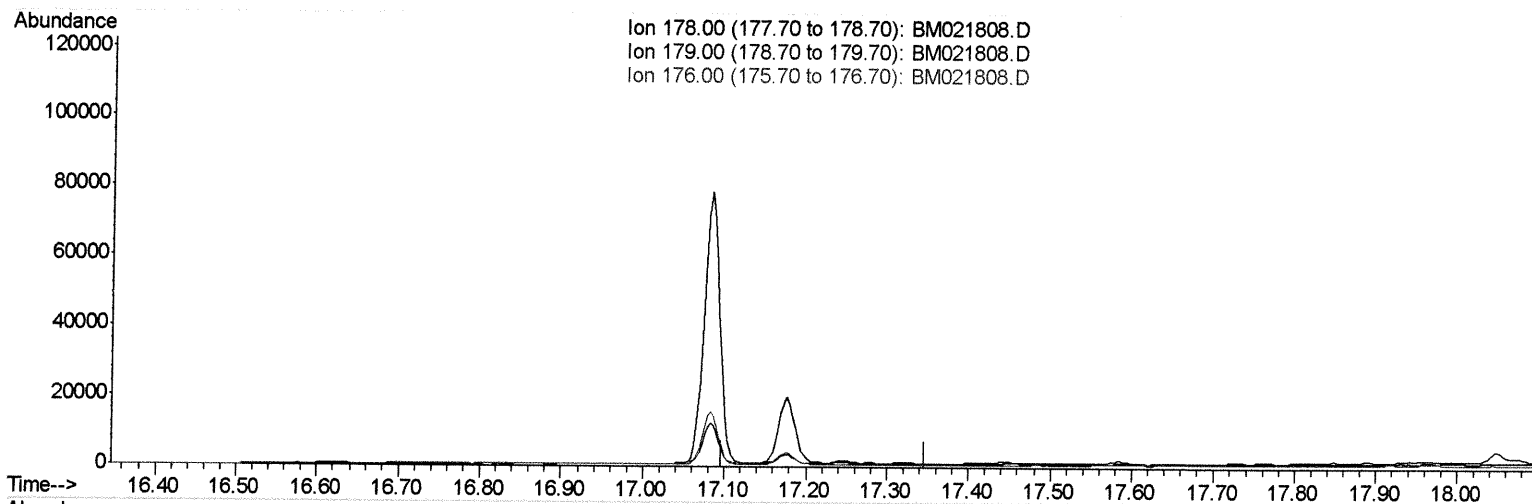
Data File : BM021808.D
Acq On : 04 Aug 2019 12:21
Operator : HP/JU
Sample : K3850-18
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENS4

Manual Integrations
APPROVED

mohammad
8/5/2019 10:15:26 PM

Quant Time: Aug 05 05:56:11 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 : Mon Aug 05 05:26:43 2019
Response via : Initial Calibration



(13) Anthracene

17.197min (-17.197) 0.00ng/ul

response 0

Ion	Exp%	Act%
178.00	100	0.00
179.00	19.40	0.00#
176.00	20.80	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Quantitation Report (Qedit)

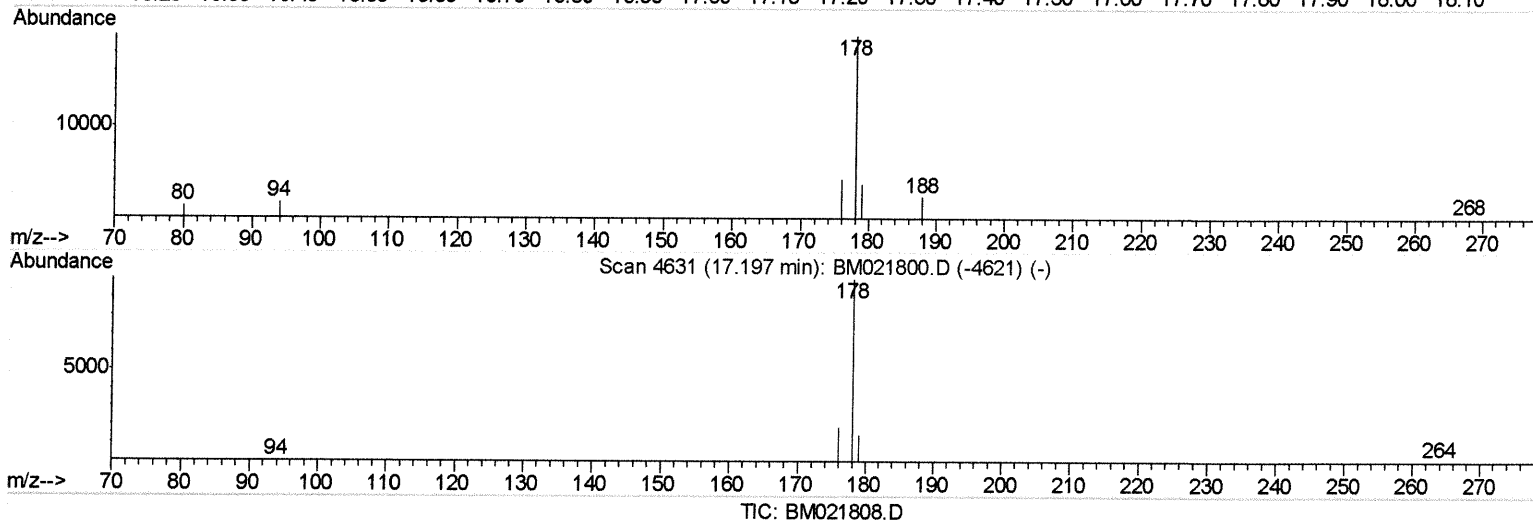
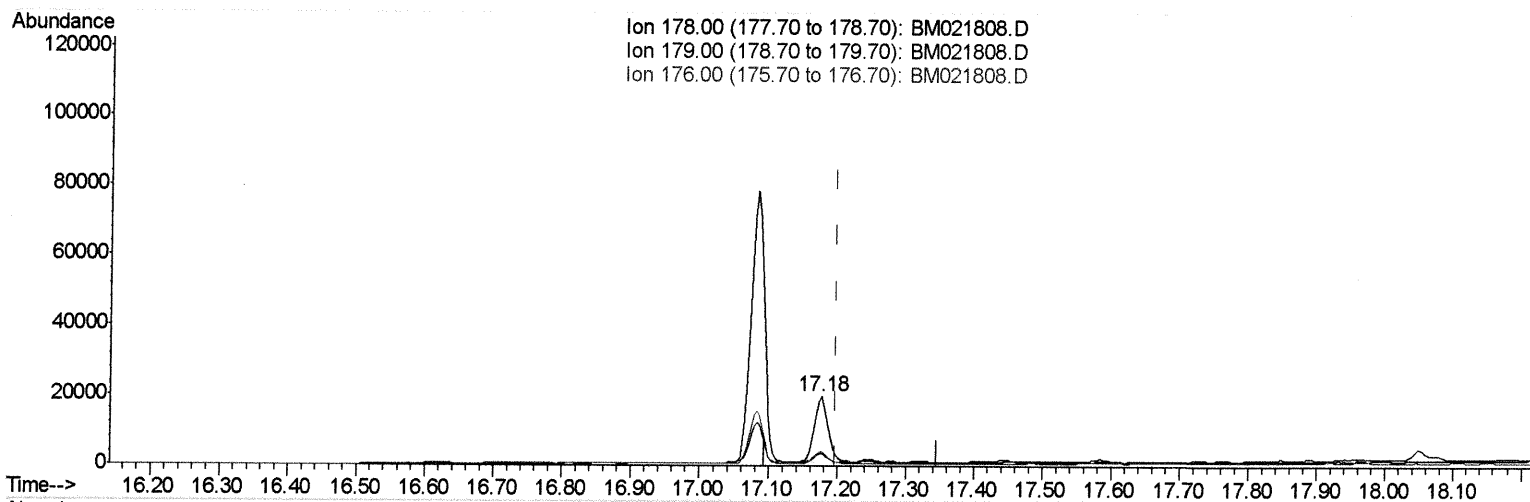
Data File : BM021808.D
Acq On : 04 Aug 2019 12:21
Operator : HP/JU
Sample : K3850-18
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENS4

Manual Integrations
APPROVED

mohammad
8/5/2019 10:15:26 PM

Quant Time: Aug 05 05:56:11 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 : Mon Aug 05 05:26:43 2019
Response via : Initial Calibration



(13) Anthracene

17.176min (-0.021) 1.51ng/ul m *Ju 08/05/19*

response 26732

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	18.52
176.00	20.80	21.43
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Quantitation Report (Qedit)

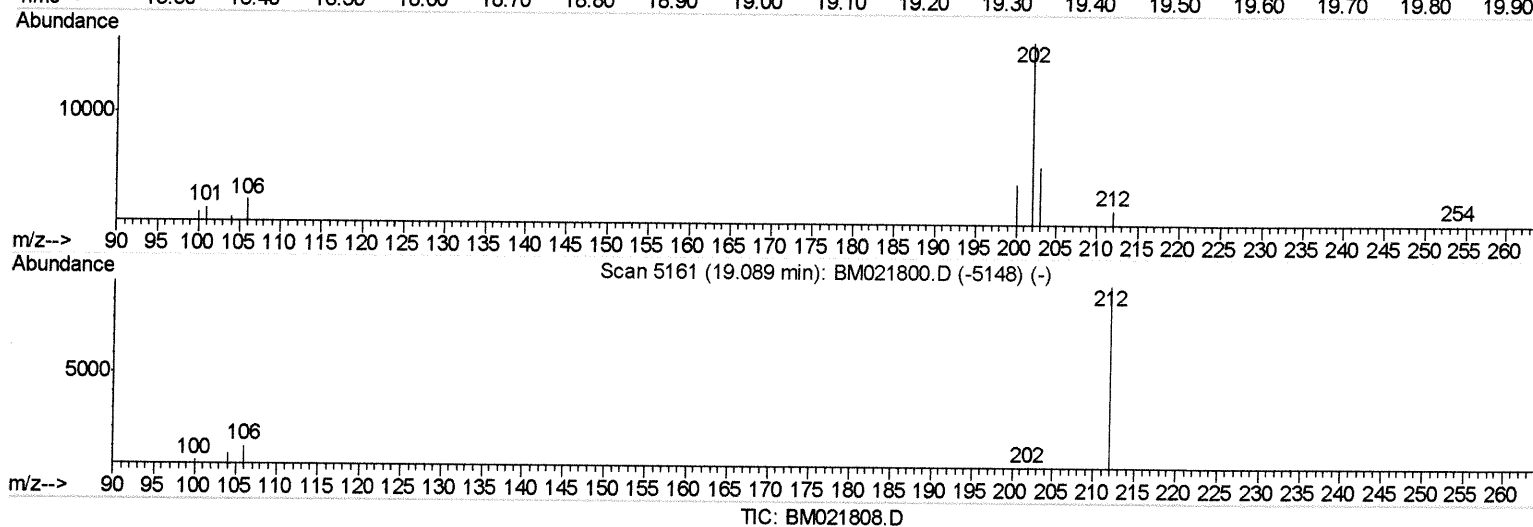
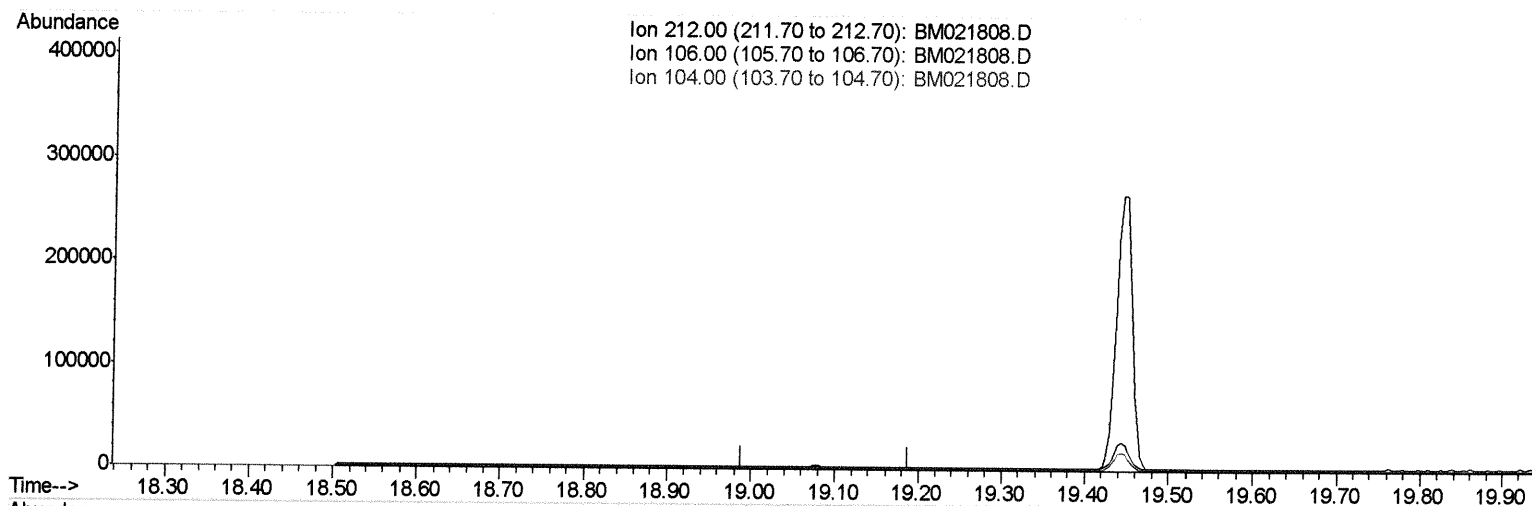
Data File : BM021808.D
Acq On : 04 Aug 2019 12:21
Operator : HP/JU
Sample : K3850-18
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENS4

Manual Integrations
APPROVED

mohammad
8/5/2019 10:15:26 PM

Quant Time: Aug 05 05:56:11 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 : Mon Aug 05 05:26:43 2019
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.089min (-19.089) 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\BM080319\
Quantitation Report (Qedit)

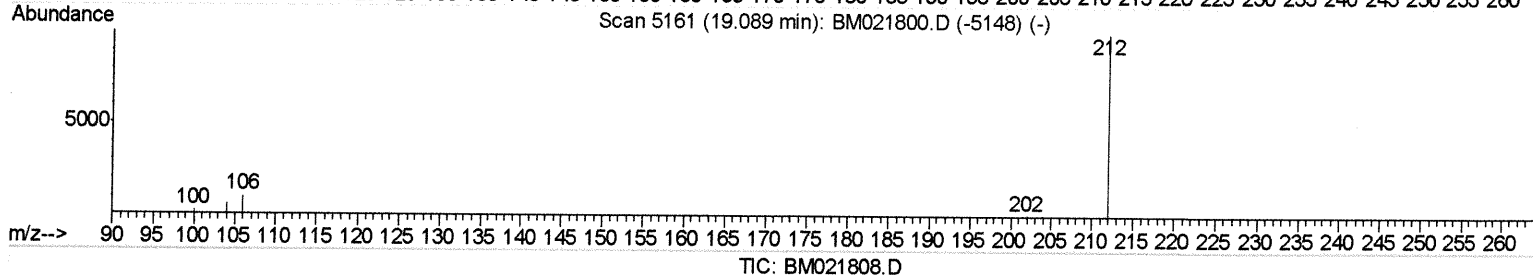
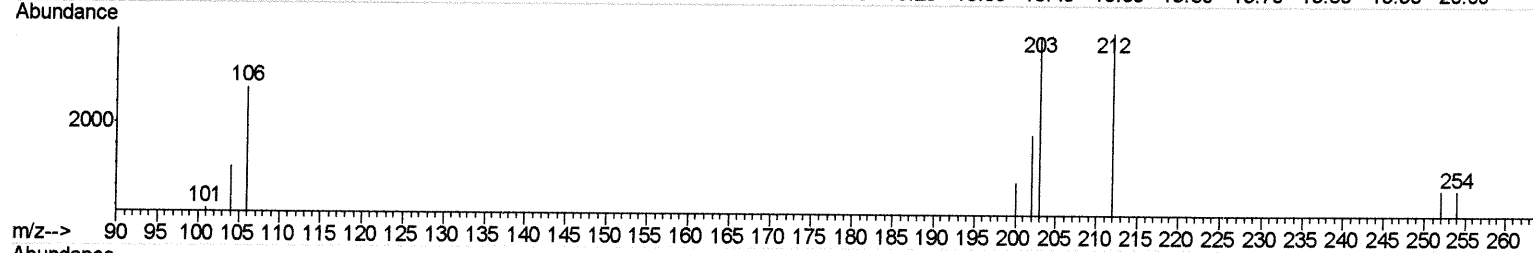
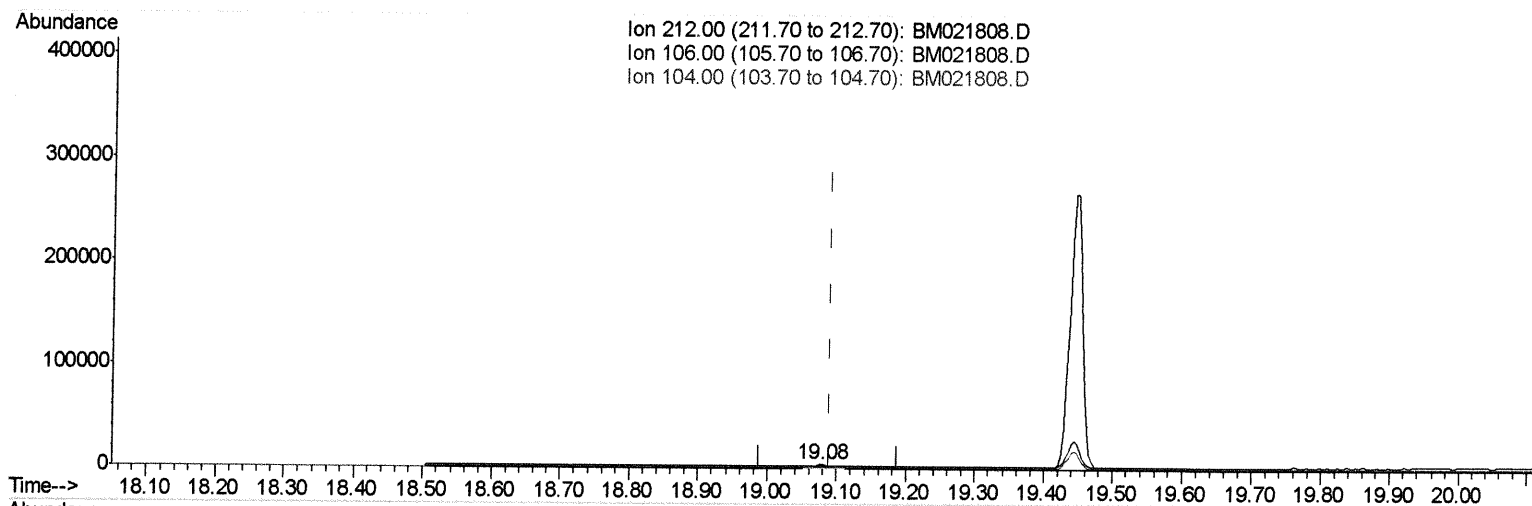
Data File : BM021808.D
Acq On : 04 Aug 2019 12:21
Operator : HP/JU
Sample : K3850-18
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENS4

Manual Integrations
APPROVED

mohammad
8/5/2019 10:15:26 PM

Quant Time: Aug 05 05:56:11 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 : Mon Aug 05 05:26:43 2019
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.077min (-0.012) 0.18ng/ul m *Jo 08/05/19*

response 4413

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\BM080319\
Quantitation Report (Qedit)

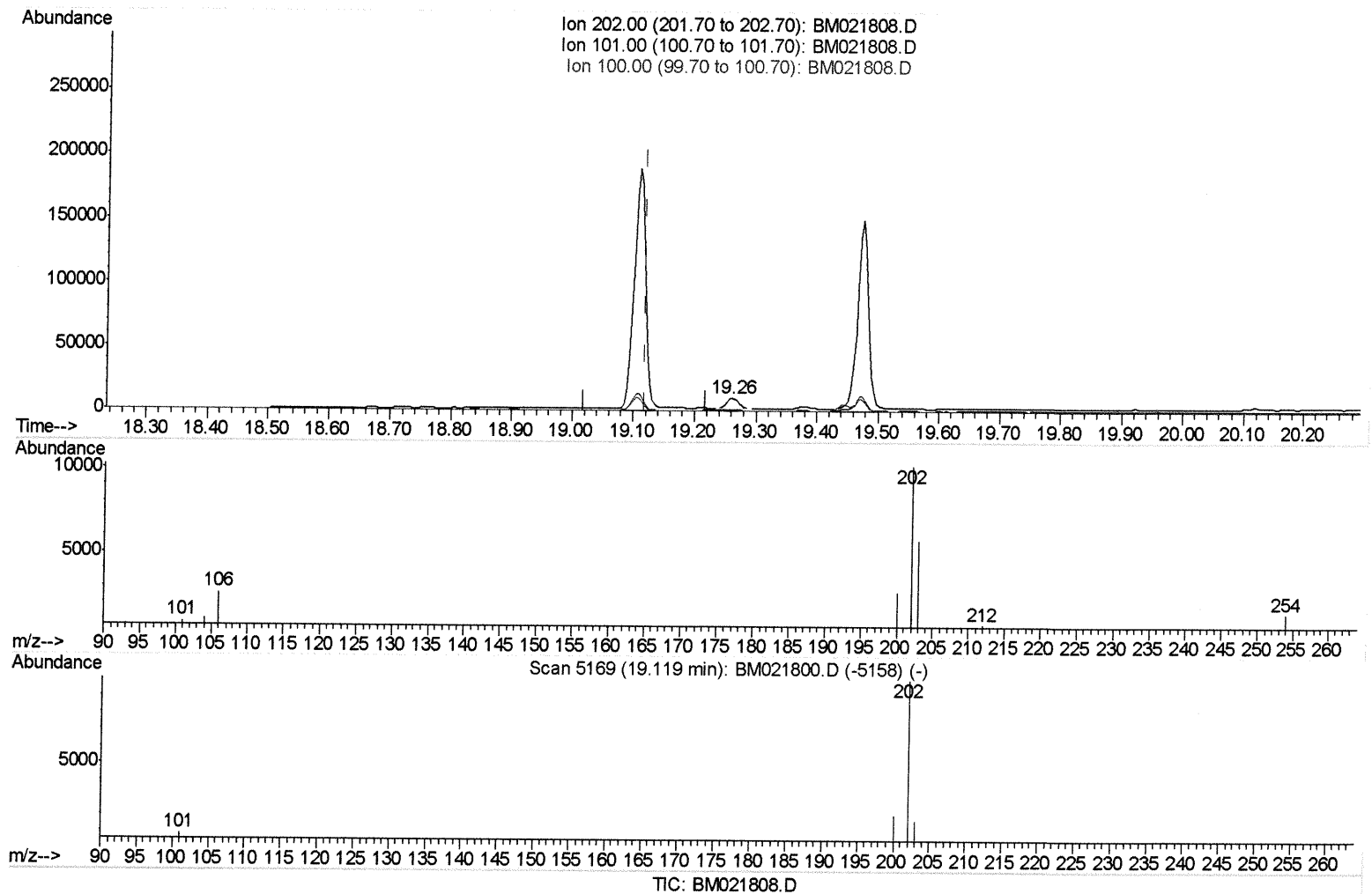
Data File : BM021808.D
Acq On : 04 Aug 2019 12:21
Operator : HP/JU
Sample : K3850-18
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENS4

Manual Integrations
APPROVED

mohammad
8/5/2019 10:15:26 PM

Quant Time: Aug 05 05:56:11 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 : Mon Aug 05 05:26:43 2019
Response via : Initial Calibration



(15) Fluoranthene (C)

19.260min (+0.141) 0.40ng/ul

response 11011

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	8.98
100.00	8.10	6.81
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Quantitation Report (Qedit)

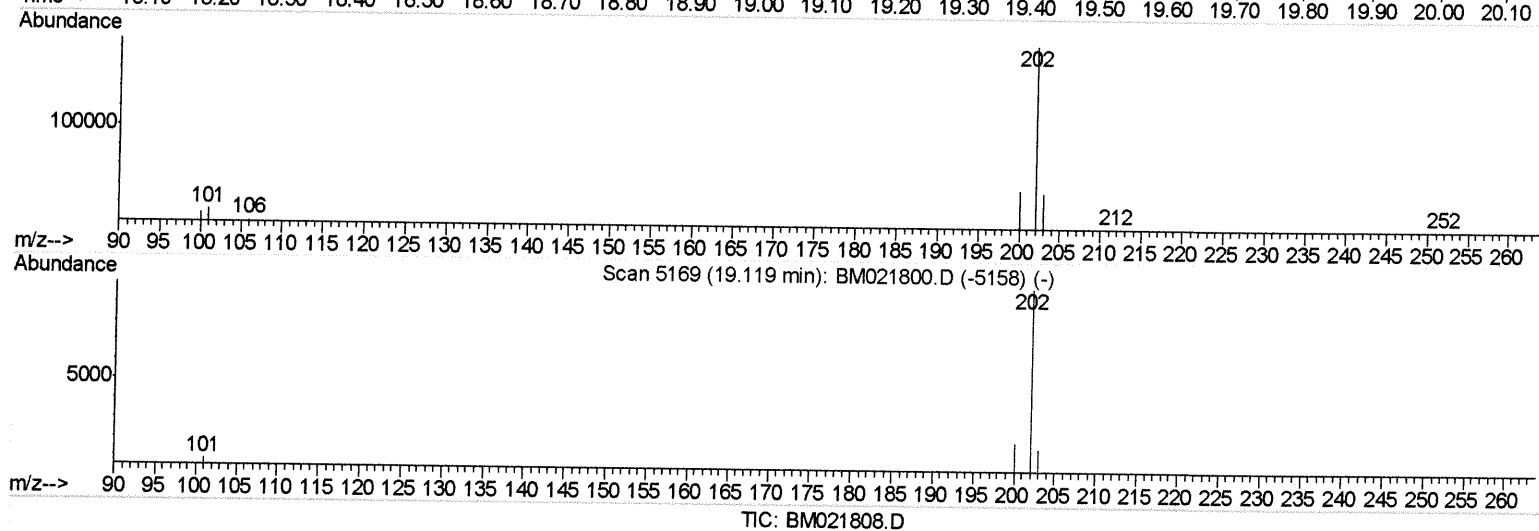
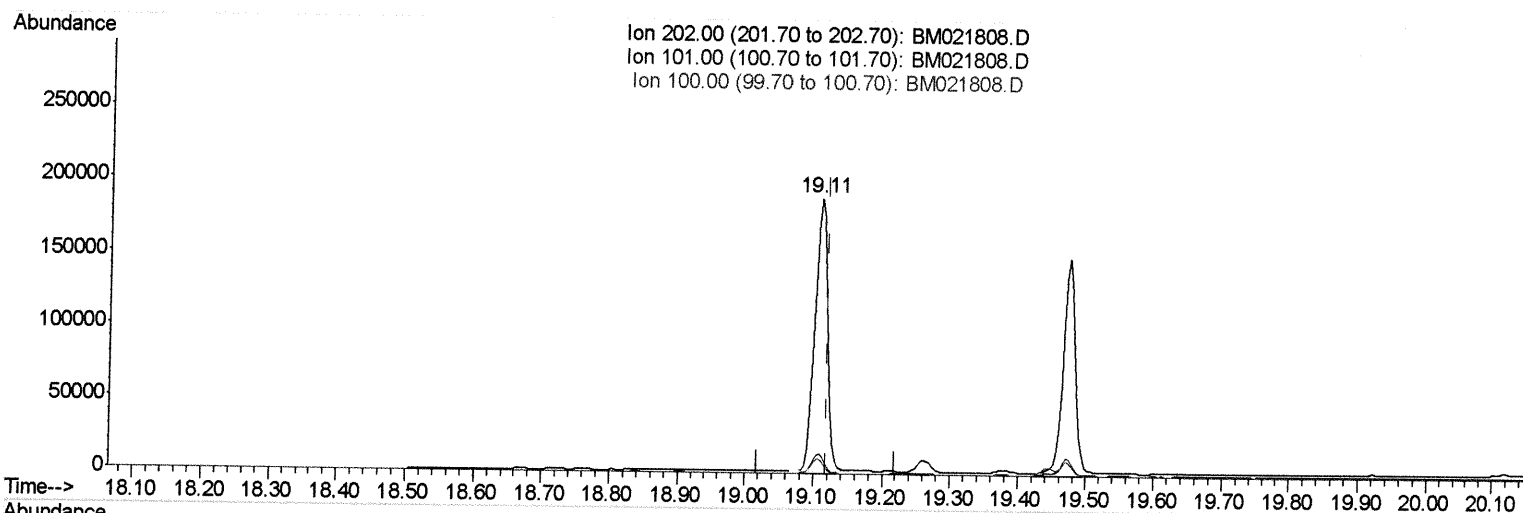
Data File : BM021808.D
Acq On : 04 Aug 2019 12:21
Operator : HP/JU
Sample : K3850-18
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENS4

Manual Integrations
APPROVED

mohammad
8/5/2019 10:15:26 PM

Quant Time: Aug 05 05:56:11 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 : Mon Aug 05 05:26:43 2019
Response via : Initial Calibration



(15) Fluoranthene (C)

19.108min (-0.012) 8.86ng/ul m *JU 08/05/19*

response 246733

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	7.14
100.00	8.10	5.49
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Quantitation Report (Qedit)

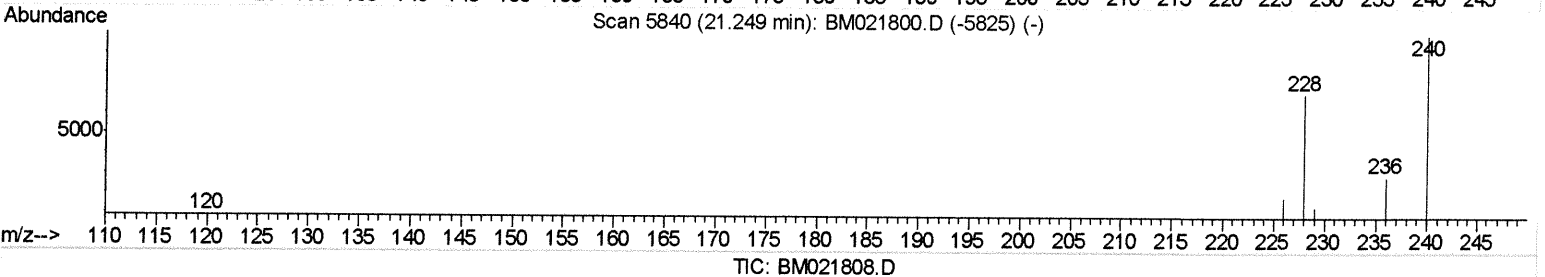
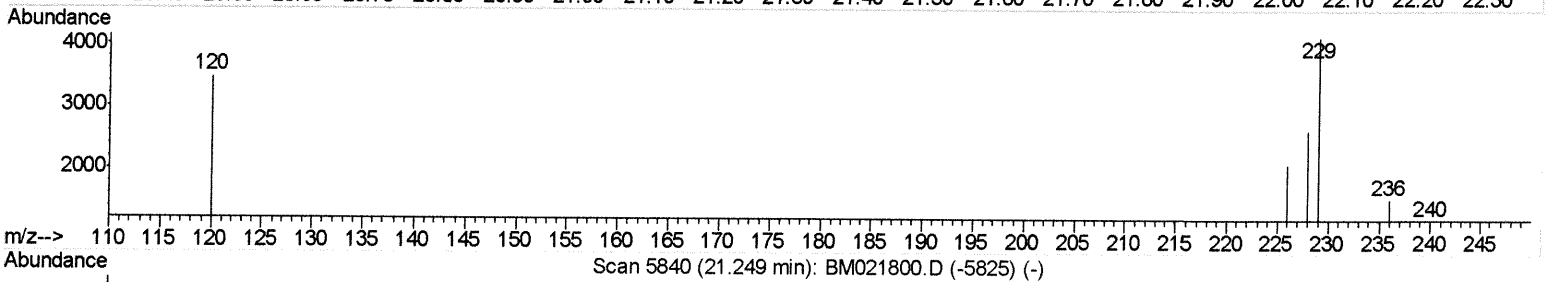
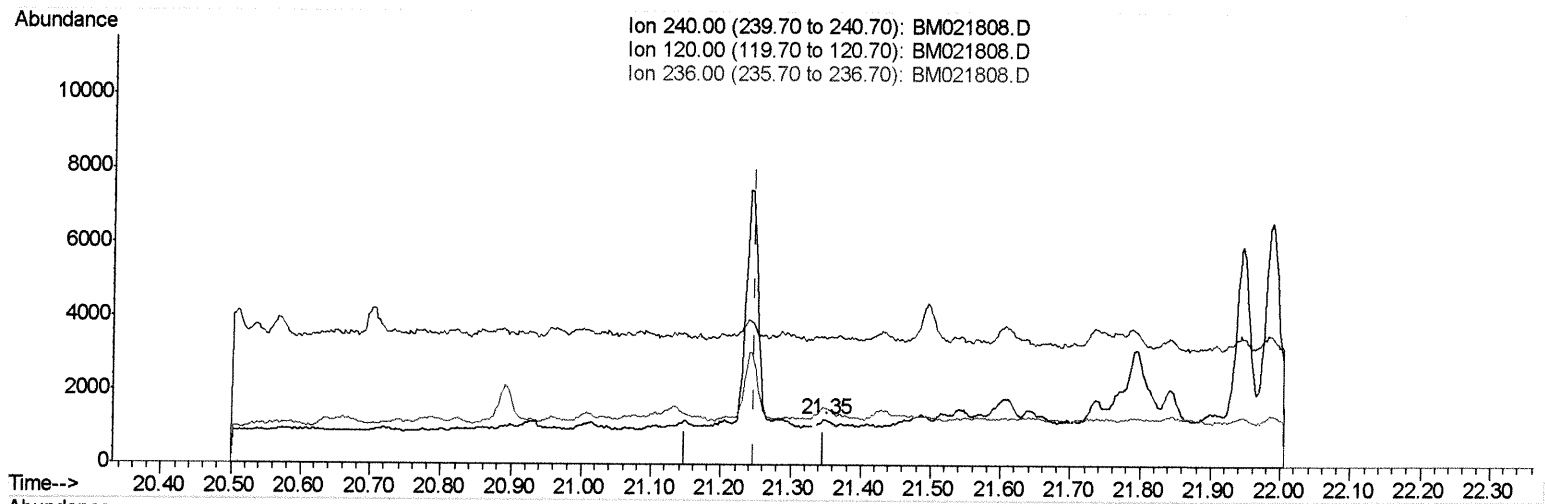
Data File : BM021808.D
Acq On : 04 Aug 2019 12:21
Operator : HP/JU
Sample : K3850-18
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENS4

Manual Integrations
APPROVED

mohammad
8/5/2019 10:15:26 PM

Quant Time: Aug 05 05:56:11 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 : Mon Aug 05 05:26:43 2019
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.348min (+0.099) 0.40ng/ul

response 210

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	283.14#
236.00	32.30	126.47#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Quantitation Report (Qedit)

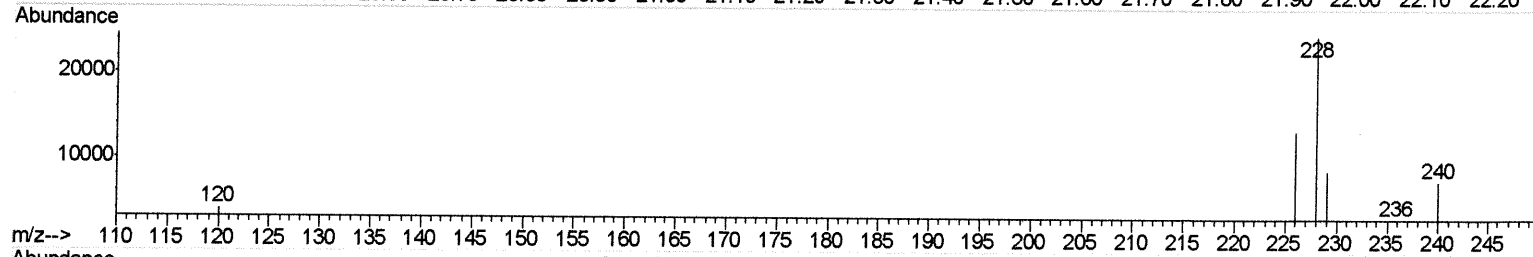
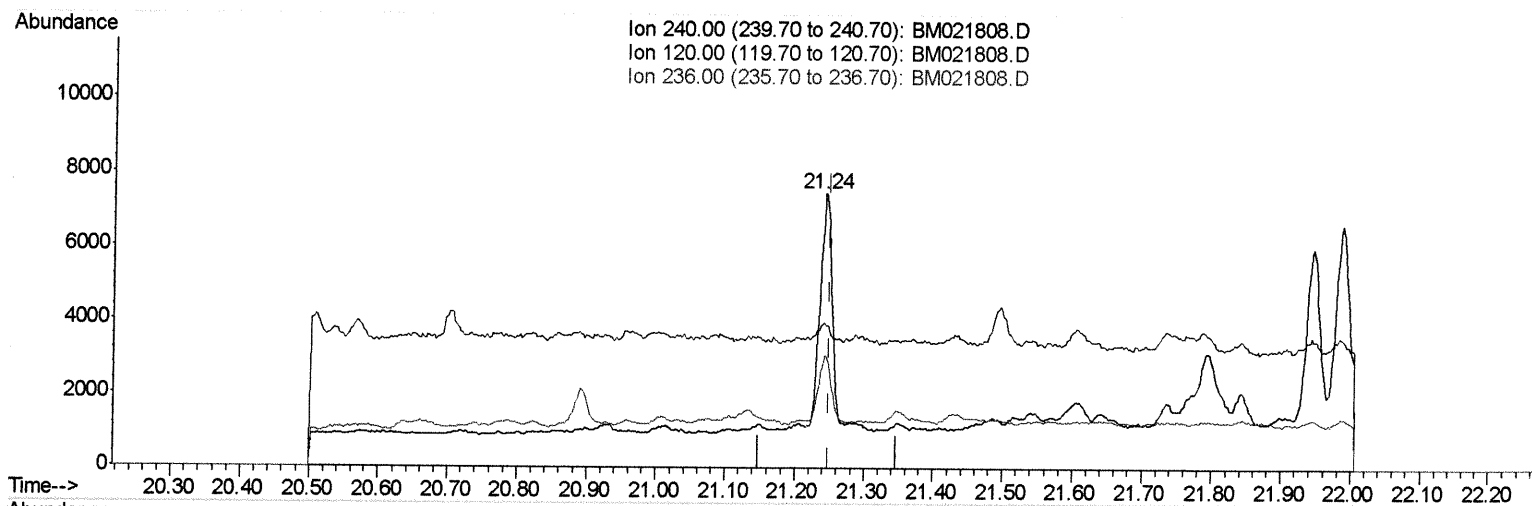
Data File : BM021808.D
Acq On : 04 Aug 2019 12:21
Operator : HP/JU
Sample : K3850-18
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BENS4

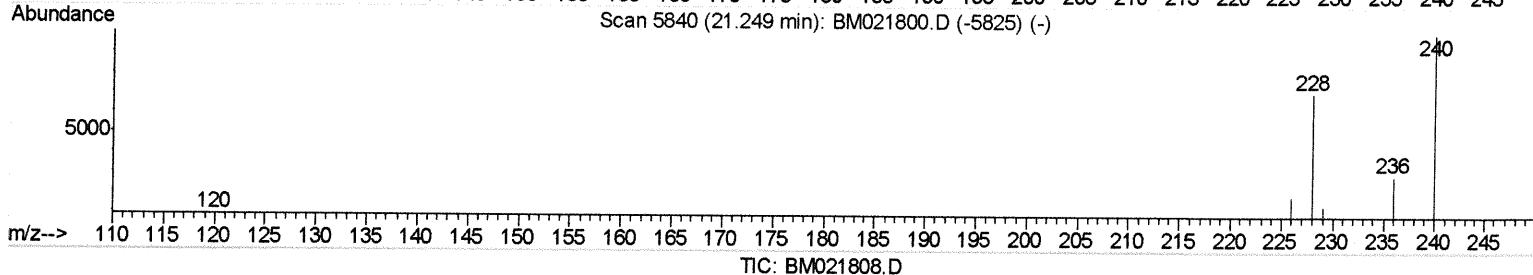
Manual Integrations
APPROVED

mohammad
8/5/2019 10:15:26 PM

Quant Time: Aug 05 05:56:11 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 : Mon Aug 05 05:26:43 2019
Response via : Initial Calibration



Scan 5840 (21.249 min): BM021808.D (-5825) (-)



(16) Chrysene-d12 (I)

21.241min (-0.007) 0.40ng/ul m *Ju 08/05/19*

response 7414

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	52.84#
236.00	32.30	40.94#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Quantitation Report (Qedit)

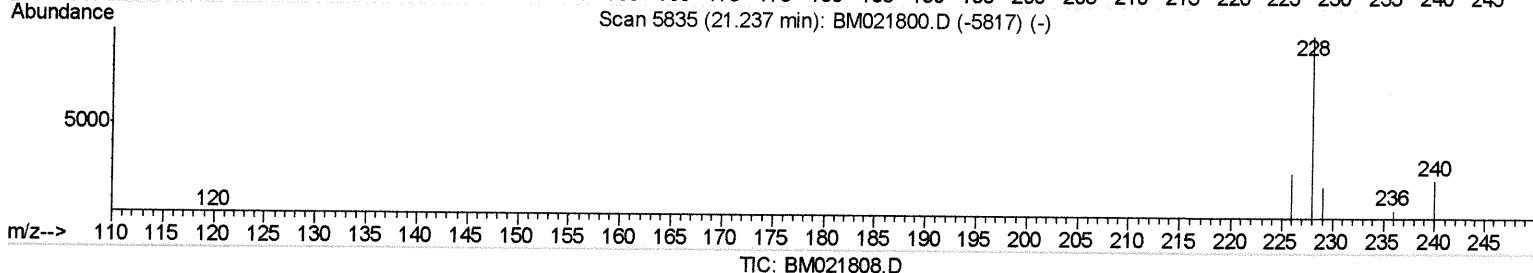
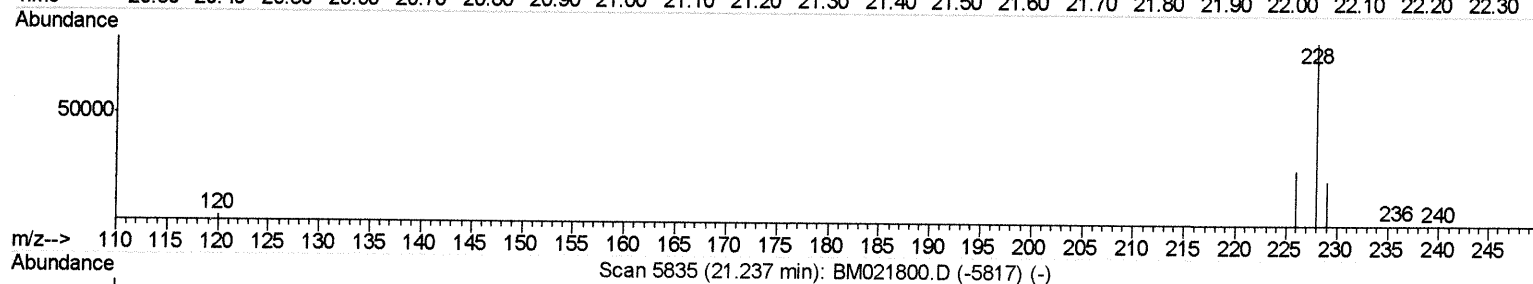
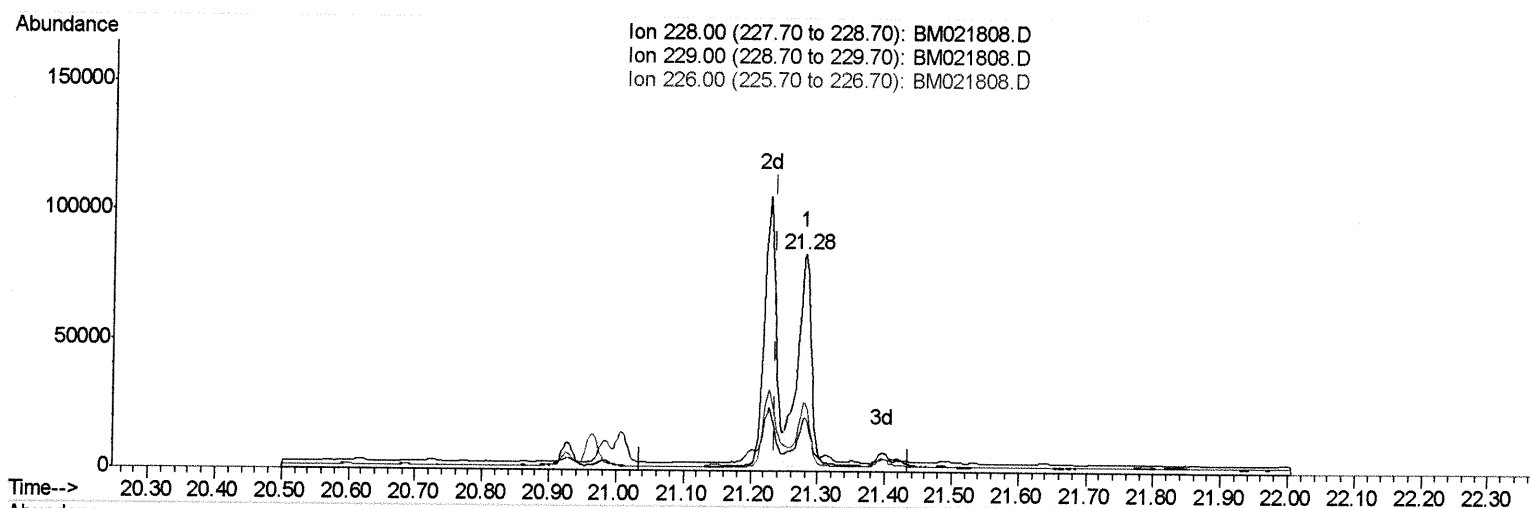
Data File : BM021808.D
Acq On : 04 Aug 2019 12:21
Operator : HP/JU
Sample : K3850-18
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENS4

Manual Integrations
APPROVED

mohammad
8/5/2019 10:15:26 PM

Quant Time: Aug 05 05:57:45 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 : Mon Aug 05 05:26:43 2019
Response via : Initial Calibration



(18) Benzo(a)anthracene

21.280min (+0.043) 4.54ng/ul

response 120403

Ion	Exp%	Act%
228.00	100	100
229.00	21.50	24.96
226.00	28.30	31.48
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Quantitation Report (Qedit)

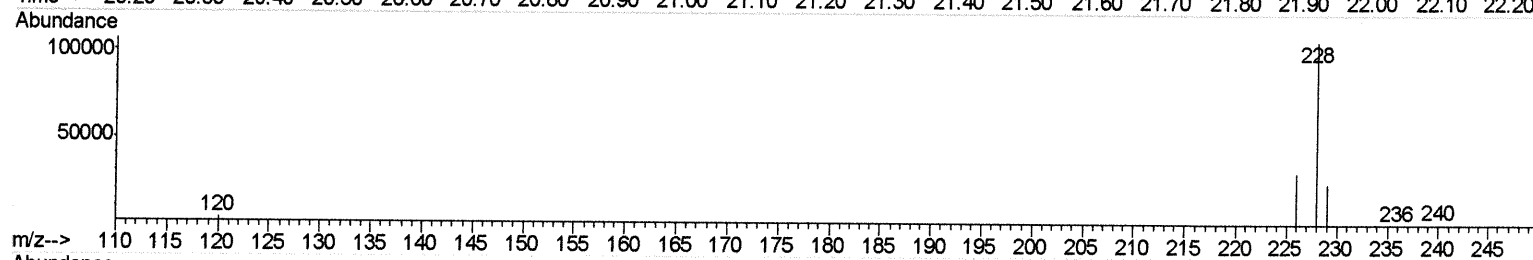
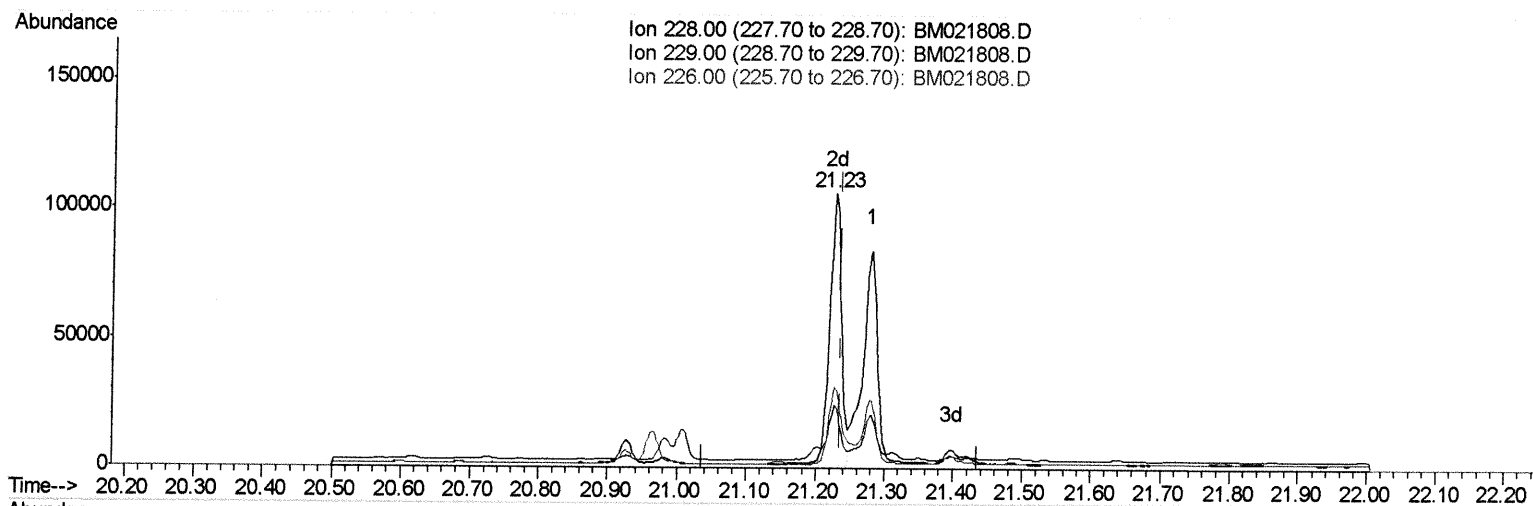
Data File : BM021808.D
Acq On : 04 Aug 2019 12:21
Operator : HP/JU
Sample : K3850-18
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BENS4

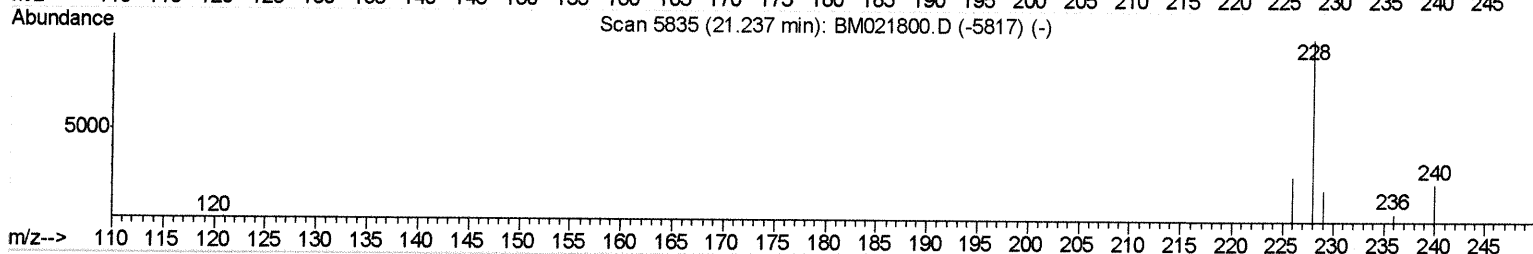
Manual Integrations
APPROVED

mohammad
8/5/2019 10:15:26 PM

Quant Time: Aug 05 05:57:45 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 : Mon Aug 05 05:26:43 2019
Response via : Initial Calibration



Scan 5835 (21.237 min): BM021808.D (-5817) (-)



TIC: BM021808.D

(18) Benzo(a)anthracene

21.227min (-0.010) 4.80ng/ul m 08/05/19

response 127271

Ion	Exp%	Act%
228.00	100	100
229.00	21.50	23.11
226.00	28.30	29.42
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Quantitation Report (Qedit)

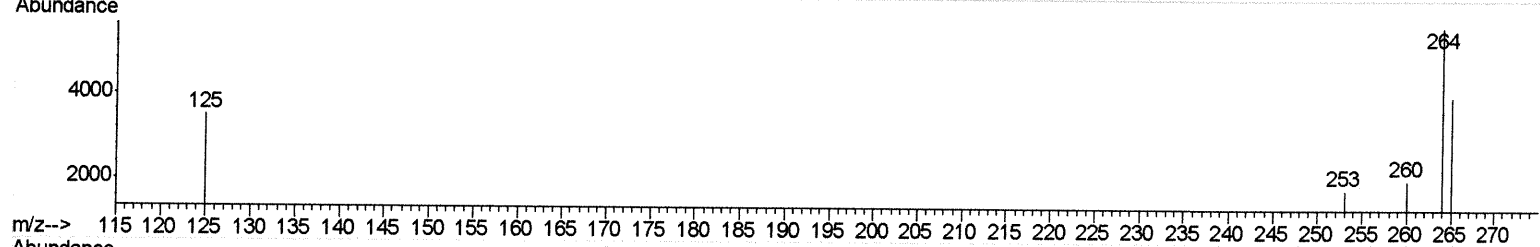
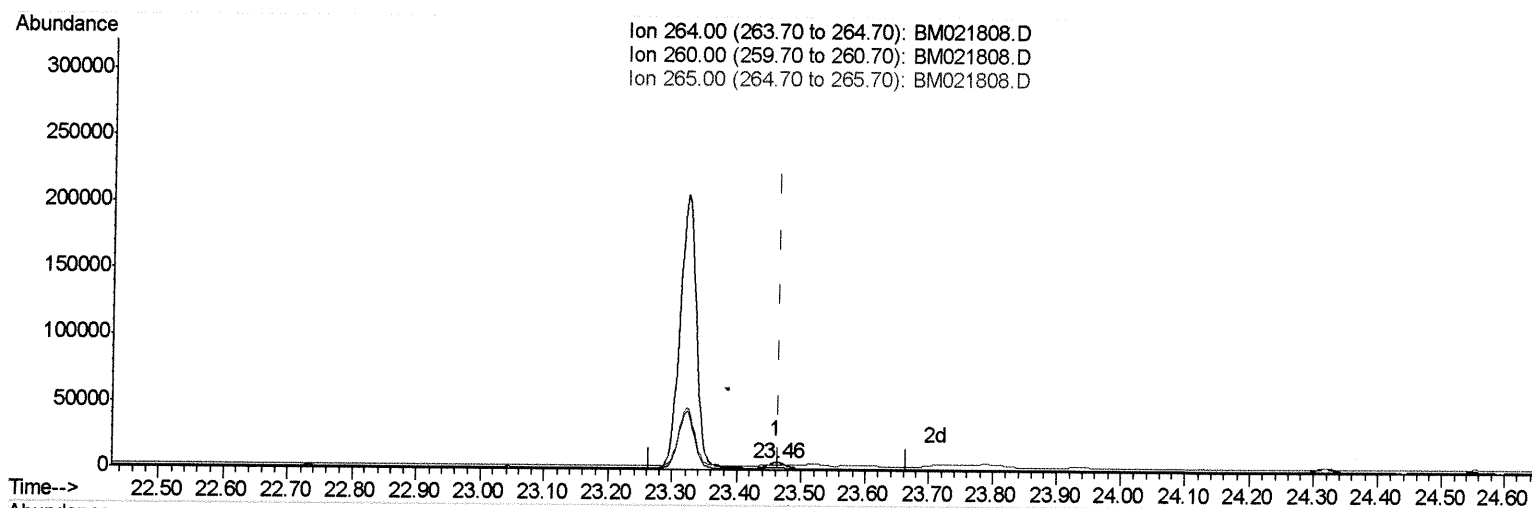
Data File : BM021808.D
Acq On : 04 Aug 2019 12:21
Operator : HP/JU
Sample : K3850-18
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BENS4

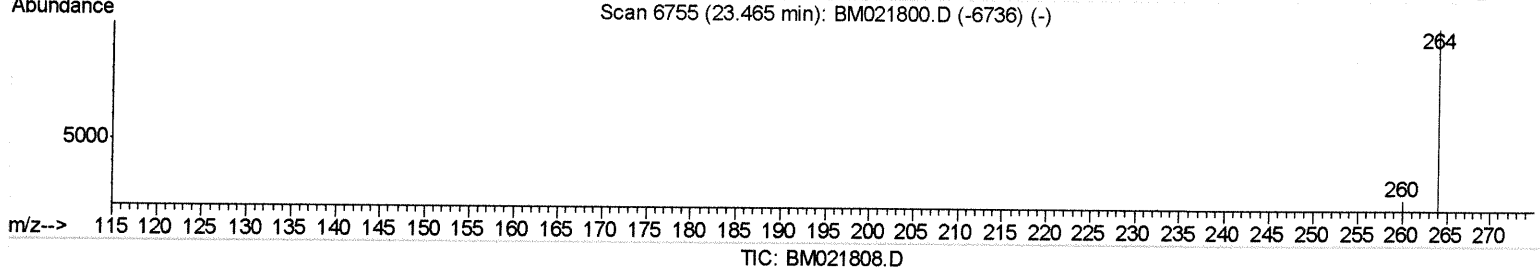
Manual Integrations
APPROVED

mohammad
8/5/2019 10:15:26 PM

Quant Time: Aug 05 05:57:45 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 : Mon Aug 05 05:26:43 2019
Response via : Initial Calibration



Scan 6755 (23.465 min): BM021808.D (-6736) (-)



(20) Perylene-d12 (I)

23.462min (-0.003) 0.40ng/ul

response 12703

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	36.49#
265.00	117.00	70.84#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Quantitation Report (Qedit)

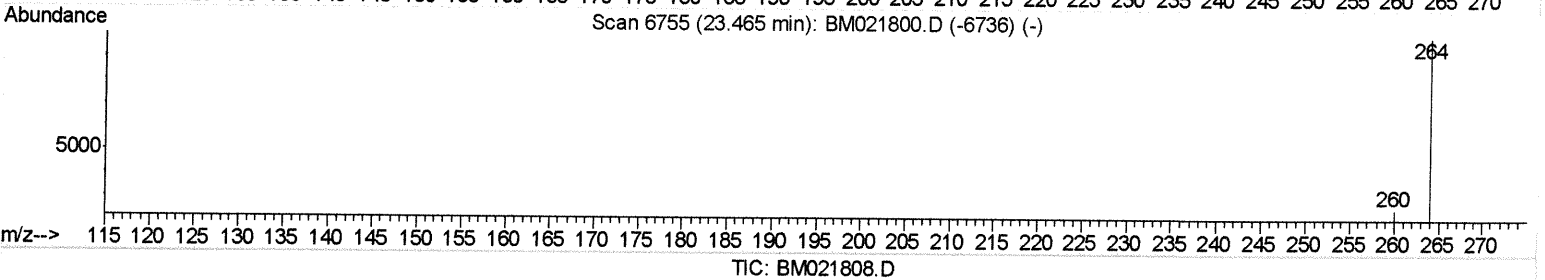
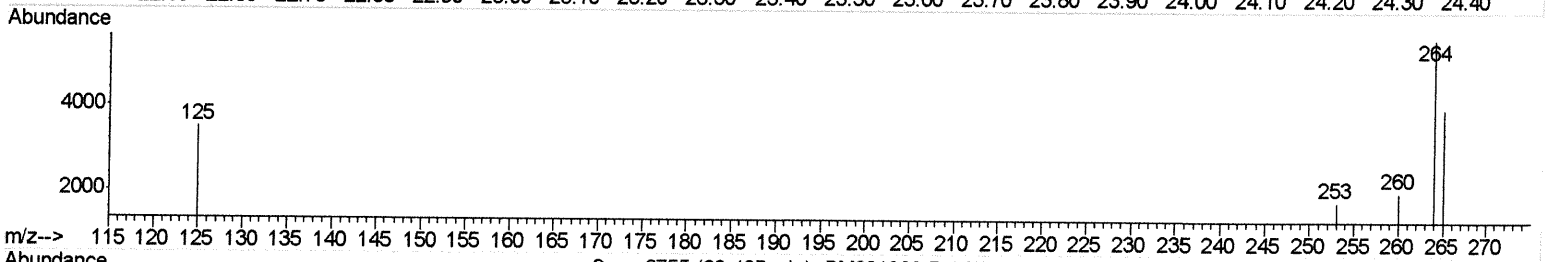
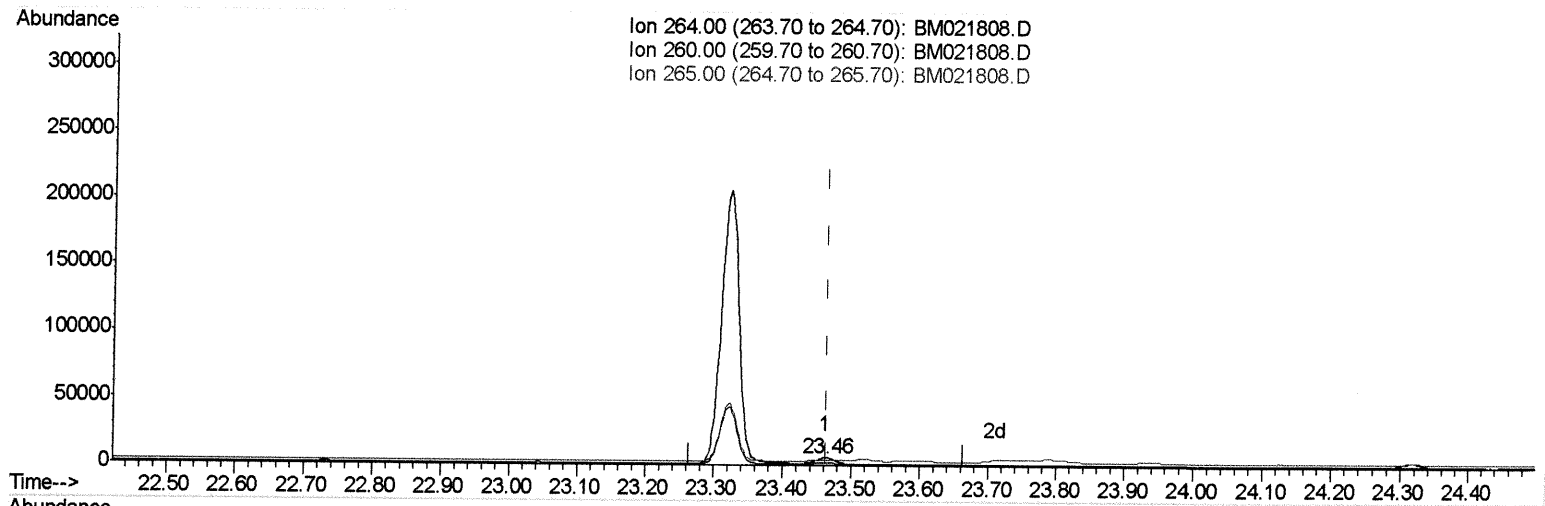
Data File : BM021808.D
Acq On : 04 Aug 2019 12:21
Operator : HP/JU
Sample : K3850-18
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BENS4

Manual Integrations
APPROVED

mohammad
8/5/2019 10:15:26 PM

Quant Time: Aug 05 05:57:45 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 : Mon Aug 05 05:26:43 2019
Response via : Initial Calibration



(20) Perylene-d12 (I)

23.462min (-0.003) 0.40ng/ul m 08/01/19

response 8297

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	36.49#
265.00	117.00	70.84#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Quantitation Report (Qedit)

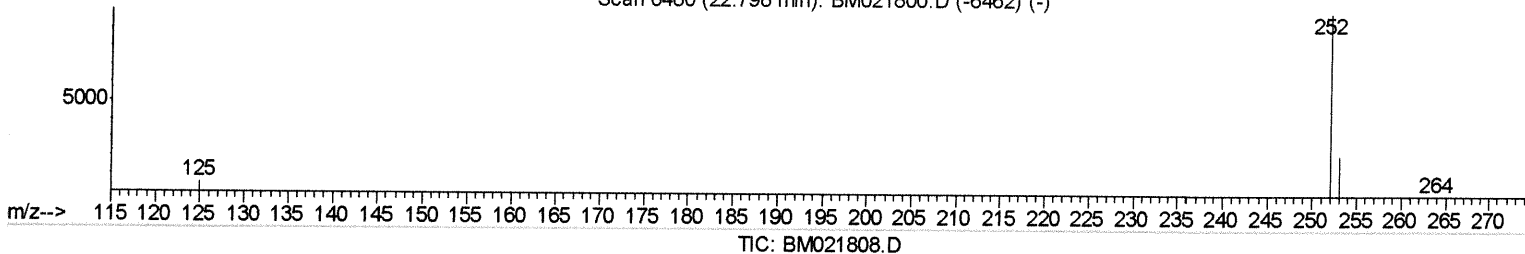
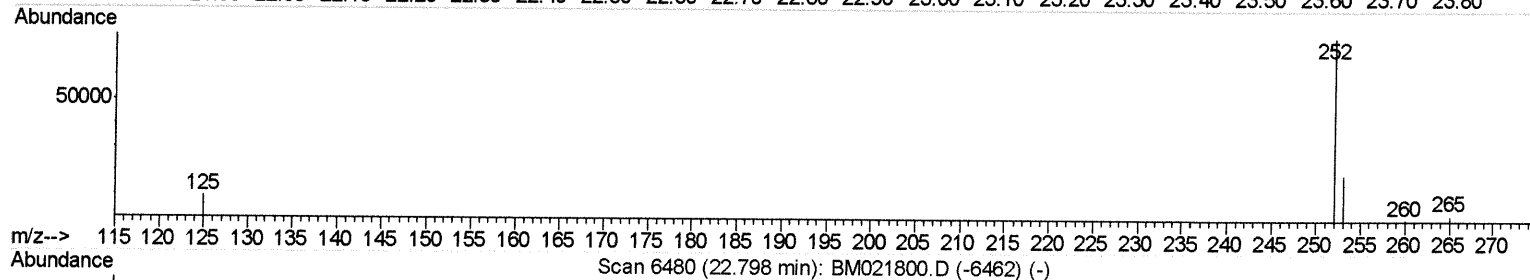
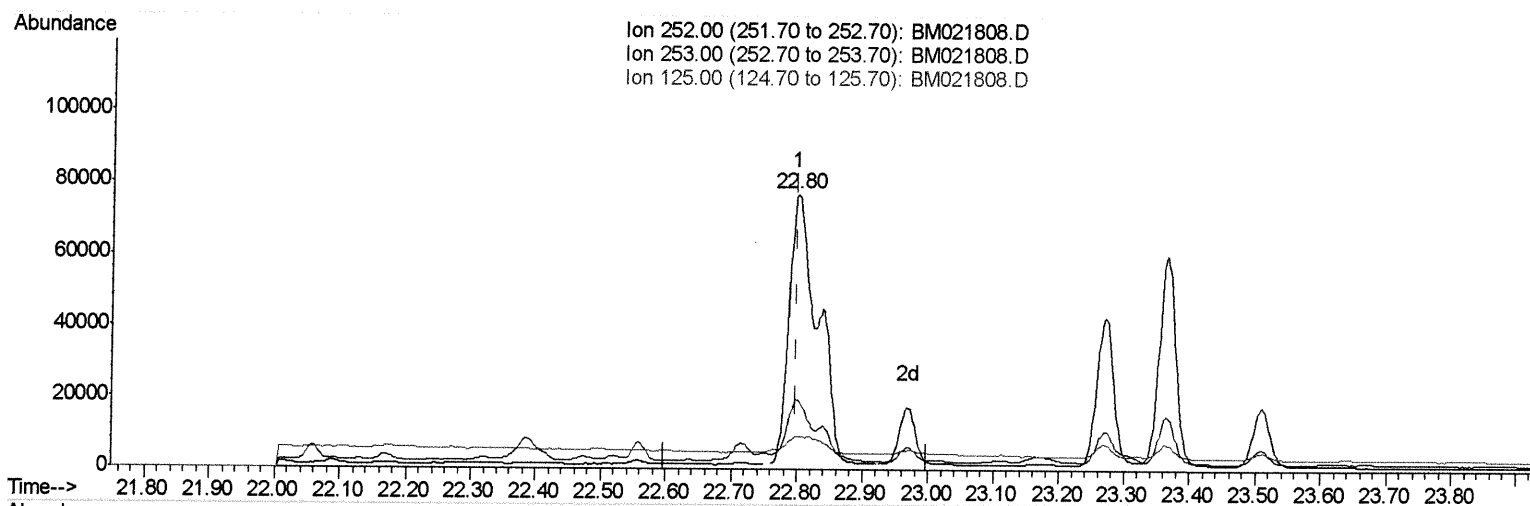
Data File : BM021808.D
Acq On : 04 Aug 2019 12:21
Operator : HP/JU
Sample : K3850-18
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENS4

Manual Integrations
APPROVED

mohammad
8/5/2019 10:15:26 PM

Quant Time: Aug 05 05:58:35 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 : Mon Aug 05 05:26:43 2019
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.798min (-0.000) 8.19ng/ul

response 229017

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	25.39
125.00	15.50	11.99
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Quantitation Report (Qedit)

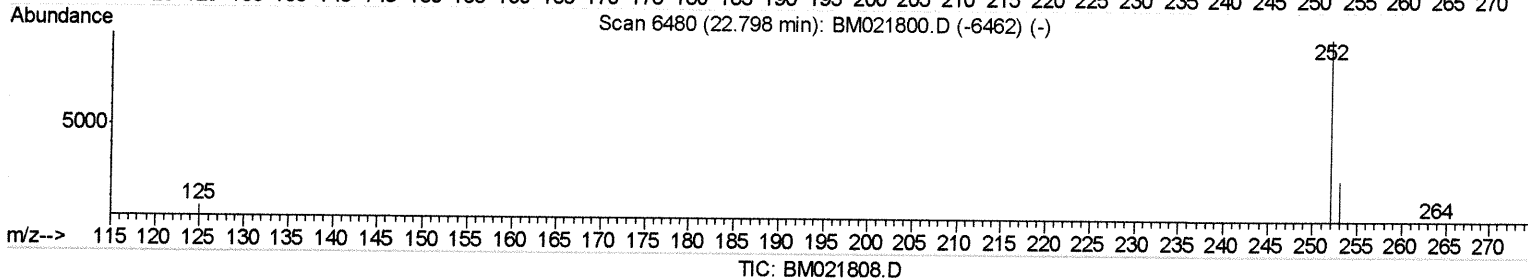
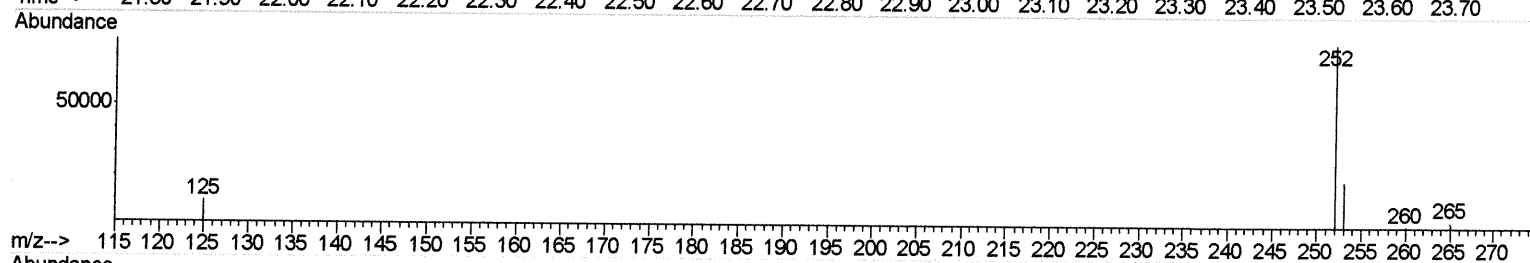
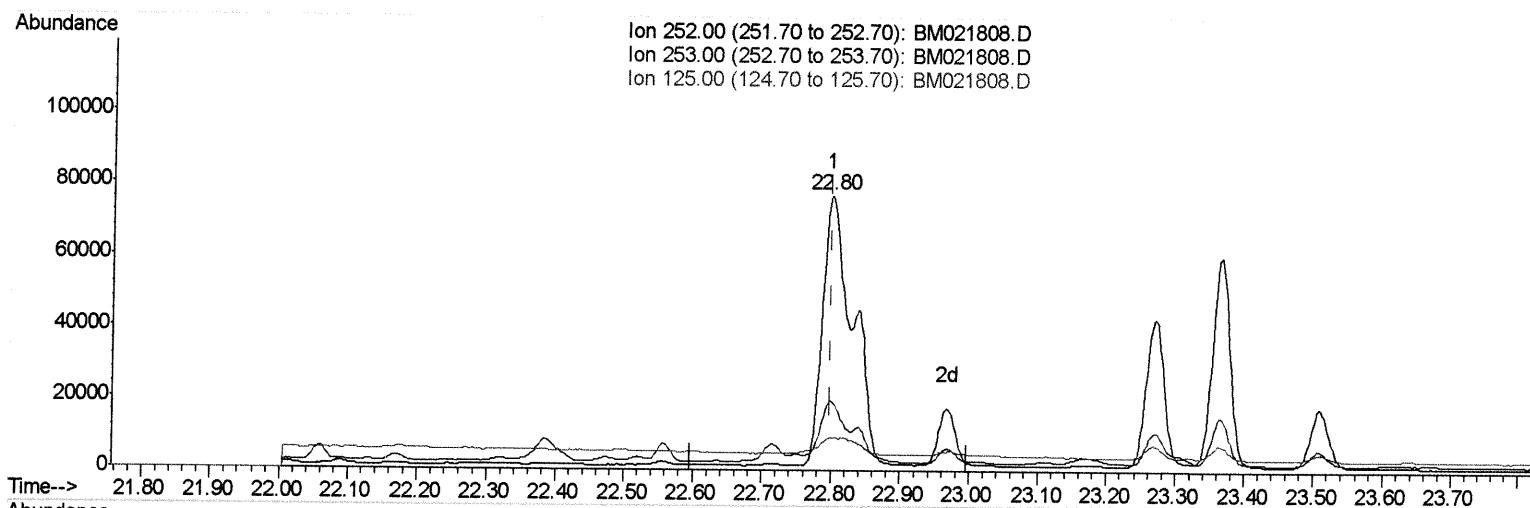
Data File : BM021808.D
Acq On : 04 Aug 2019 12:21
Operator : HP/JU
Sample : K3850-18
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENS4

Manual Integrations
APPROVED

mohammad
8/5/2019 10:15:26 PM

Quant Time: Aug 05 05:58:35 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 : Mon Aug 05 05:26:43 2019
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.798min (-0.000) 5.79ng/ul m *JU* 08/05/19

response 161950

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	25.39
125.00	15.50	11.99
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Quantitation Report (Qedit)

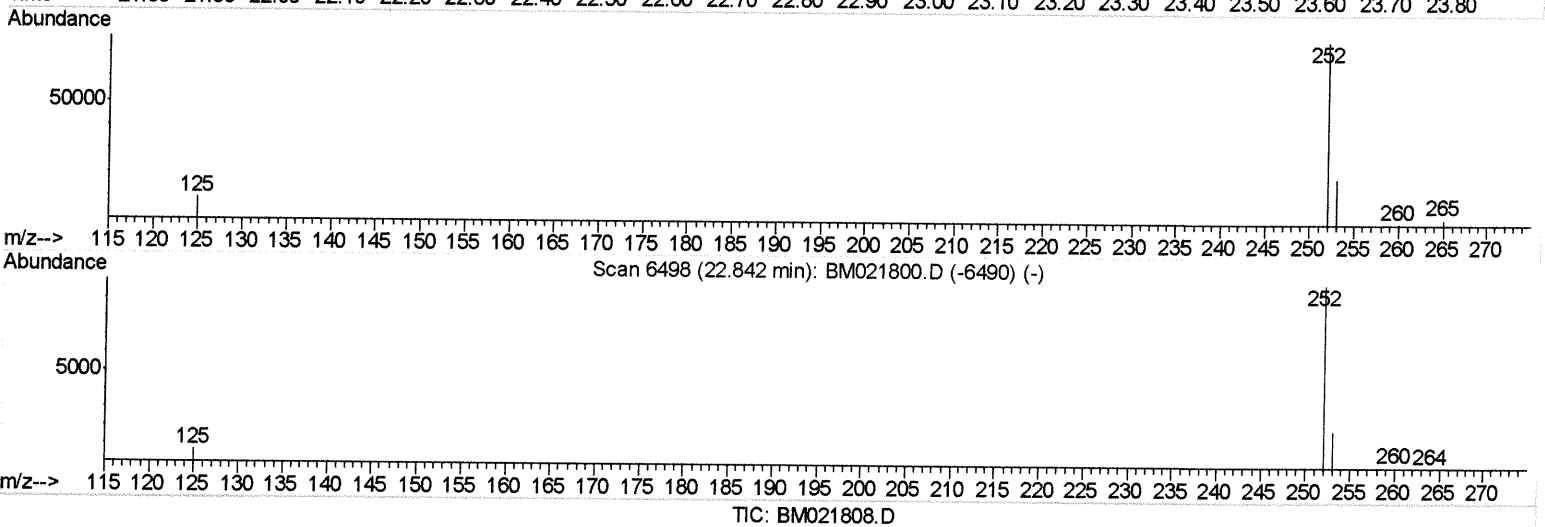
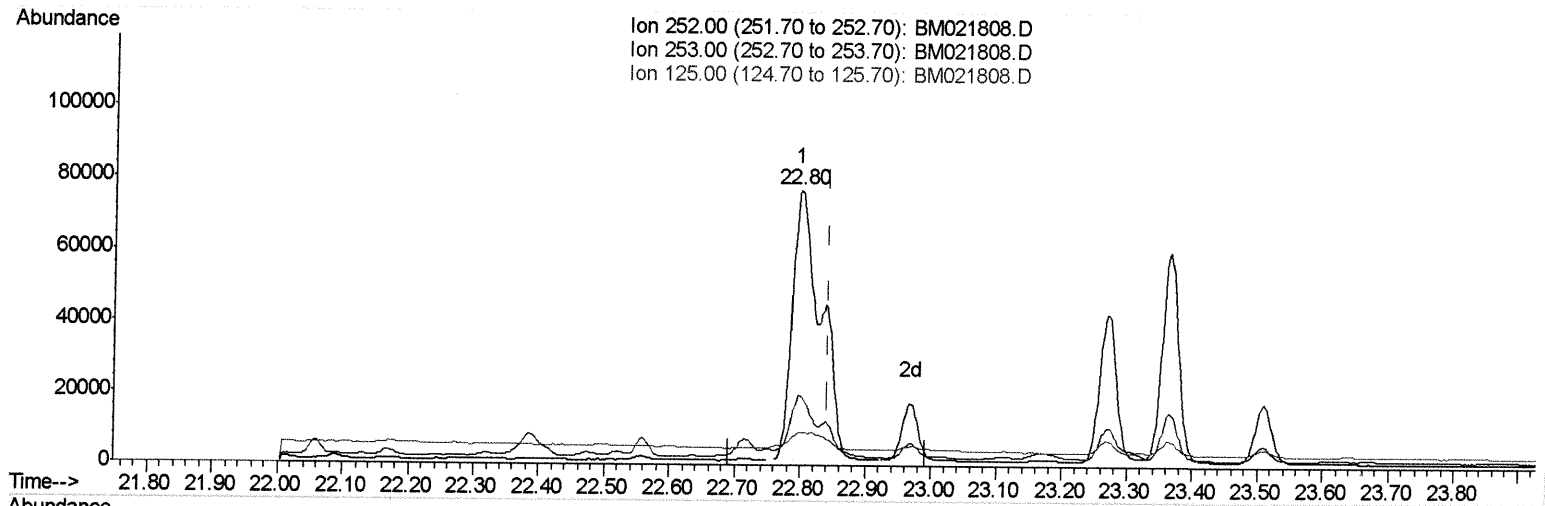
Data File : BM021808.D
Acq On : 04 Aug 2019 12:21
Operator : HP/JU
Sample : K3850-18
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENS4

Manual Integrations
APPROVED

mohammad
8/5/2019 10:15:26 PM

Quant Time: Aug 05 05:58:35 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 : Mon Aug 05 05:26:43 2019
Response via : Initial Calibration



(22) Benzo(k)fluoranthene
22.798min (-0.044) 7.23ng/ul
response 229017

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	25.39#
125.00	15.20	11.99#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Quantitation Report (Qedit)

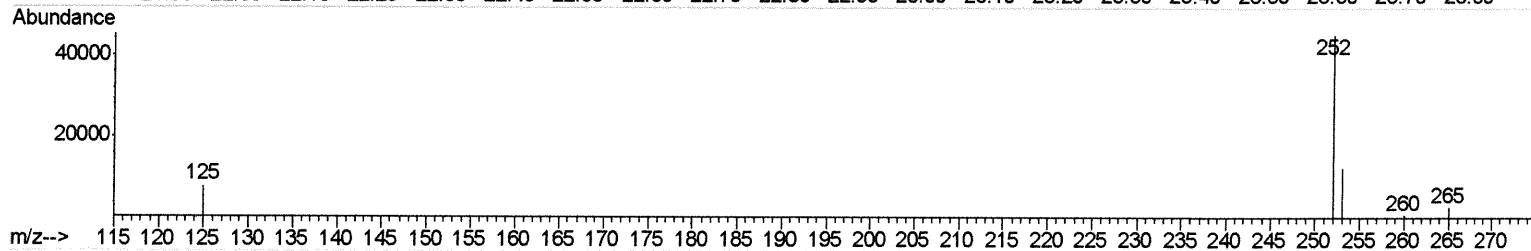
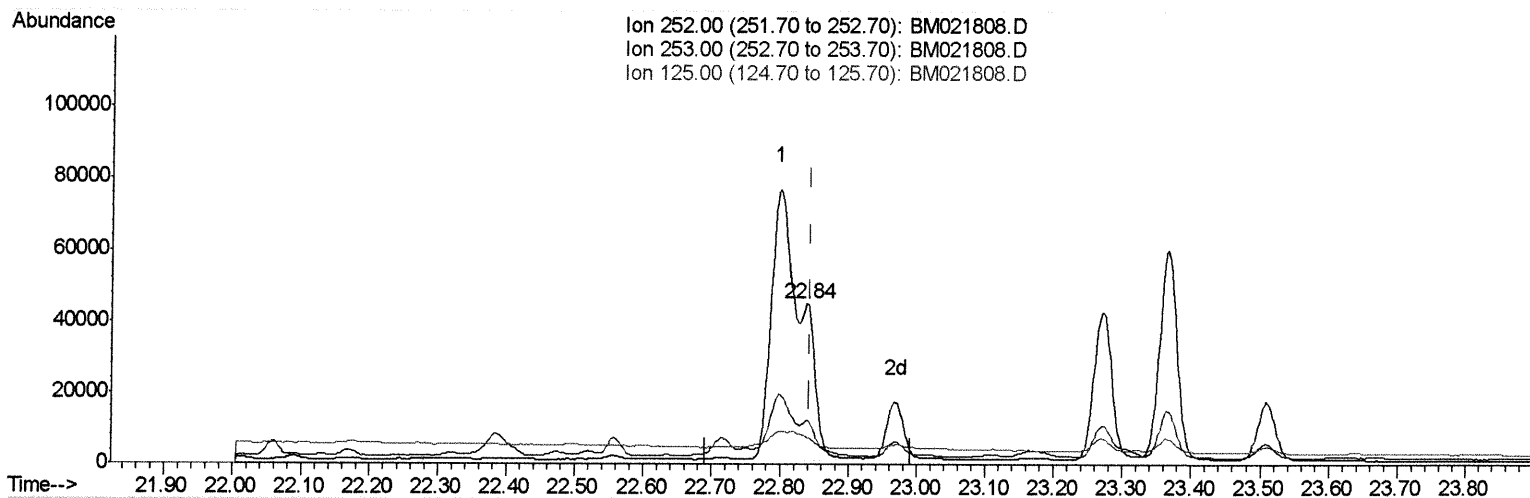
Data File : BM021808.D
Acq On : 04 Aug 2019 12:21
Operator : HP/JU
Sample : K3850-18
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BENS4

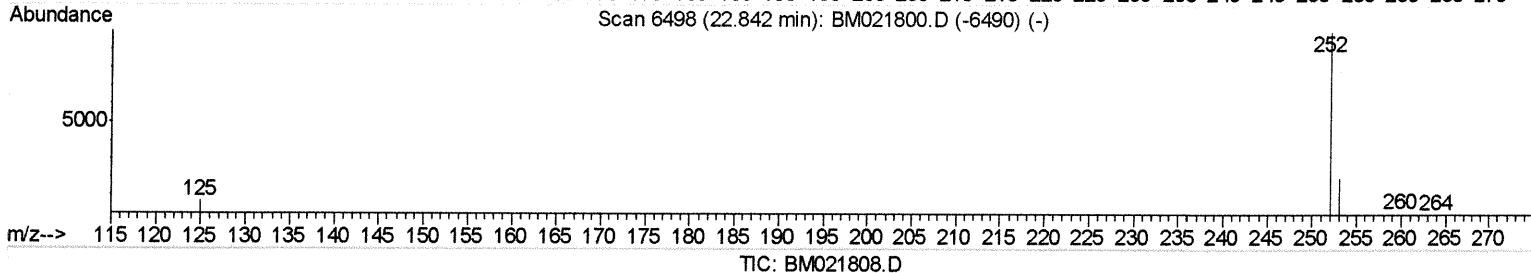
Manual Integrations
APPROVED

mohammad
8/5/2019 10:15:26 PM

Quant Time: Aug 05 05:58:35 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 : Mon Aug 05 05:26:43 2019
Response via : Initial Calibration



Scan 6498 (22.842 min): BM021800.D (-6490) (-)



(22) Benzo(k)fluoranthene

22.837min (-0.005) 2.16ng/ul m

JU
08/05/19

response 68291

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	27.33
125.00	15.20	17.48
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\

Quantitation Report (QT Reviewed)

Data File : BM021808.D

Acq On : 04 Aug 2019 12:21

Operator : HP/JU

Sample : K3850-18

Misc :

ALS Vial : 51 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

BENS4

Manual Integrations

APPROVED

mohammad

8/5/2019 10:15:26 PM

Quant Time: Aug 05 05:59:11 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 : Mon Aug 05 05:26:43 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	1043	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	4318	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	2647	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.04	188	7147m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.24	240	7414m	0.40	ng/ul	-0.00
20) Perylene-d12	23.46	264	8297m	0.40	ng/ul	0.00

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.02	152	1114	0.16	ng/ul	-0.02
14) Fluoranthene-d10	19.08	212	4413m	0.18	ng/ul	-0.01

Target Compounds

					Qvalue	
3) Naphthalene	10.46	128	1792	0.147	ng/ul	98
5) 2-Methylnaphthalene	12.09	142	2331	0.287	ng/ul	97
7) Acenaphthylene	14.01	152	15872	1.286	ng/ul	95
8) Acenaphthene	14.35	153	1339	0.133	ng/ul	95
9) Fluorene	15.34	166	4464	0.398	ng/ul	100
12) Phenanthrene	17.08	178	106671m	5.130	ng/ul	94
13) Anthracene	17.18	178	26732m	1.507	ng/ul	96
15) Fluoranthene	19.11	202	246733m	8.857	ng/ul	94
17) Pyrene	19.47	202	186975	6.137	ng/ul	94
18) Benzo(a)anthracene	21.23	228	127271m	4.799	ng/ul	96
19) Chrysene	21.28	228	119622	3.507	ng/ul	96
21) Benzo(b)fluoranthene	22.80	252	161950m	5.788	ng/ul	94
22) Benzo(k)fluoranthene	22.84	252	68291m	2.157	ng/ul	94
23) Benzo(a)pyrene	23.37	252	106118	3.730	ng/ul	80
24) Indeno(1,2,3-cd)pyrene	25.68	276	85042	2.503	ng/ul	86
25) Dibenzo(a,h)anthracene	25.68	278	20448	0.745	ng/ul	95
26) Benzo(g,h,i)perylene	26.36	276	78776	2.576	ng/ul	93

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