

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

Quantitation Report (QT Reviewed)

Data File : BM021793.D

Acq On : 04 Aug 2019 03:15

Operator : HP/JU

Sample : K3850-14

Misc :

ALS Vial : 36 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

BENS1

Manual Integrations
APPROVED

mohammad
8/5/2019 10:14:34 PM

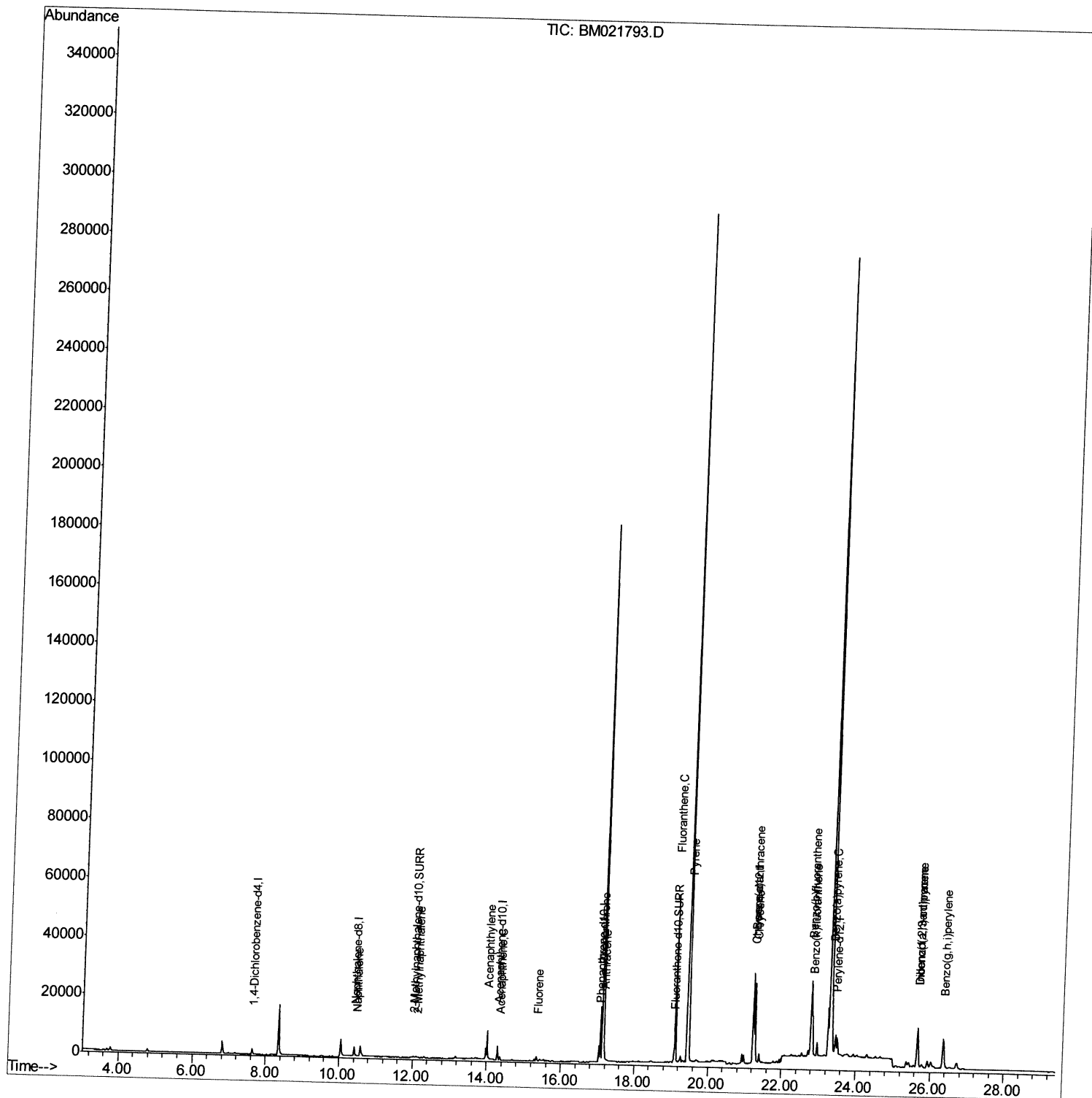
Quant Time: Aug 04 05:13:03 2019

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sun Aug 04 04:24:24 2019

Response via : Initial Calibration



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

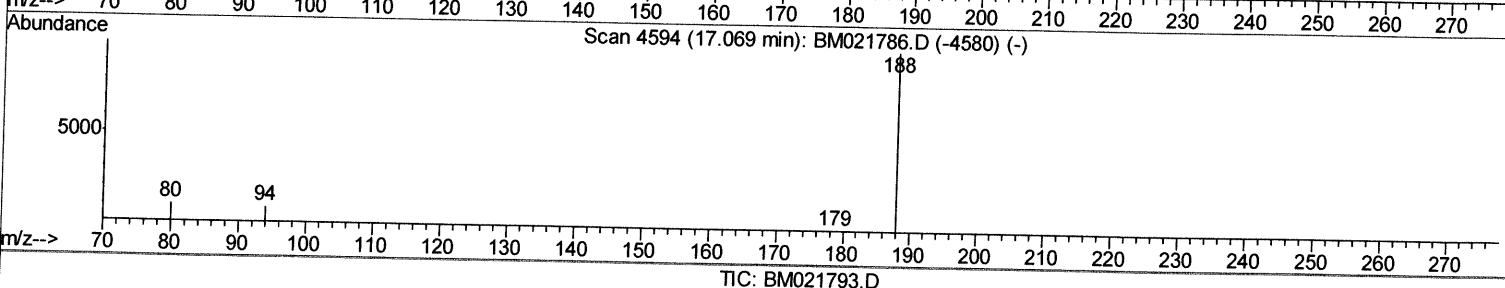
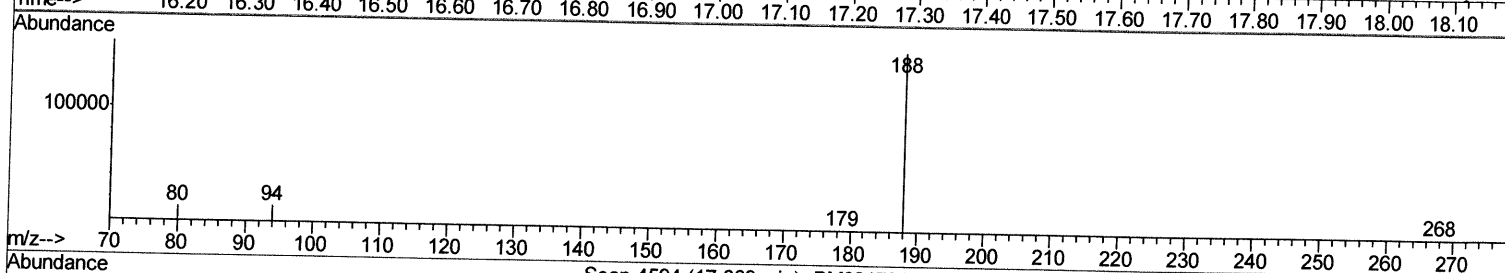
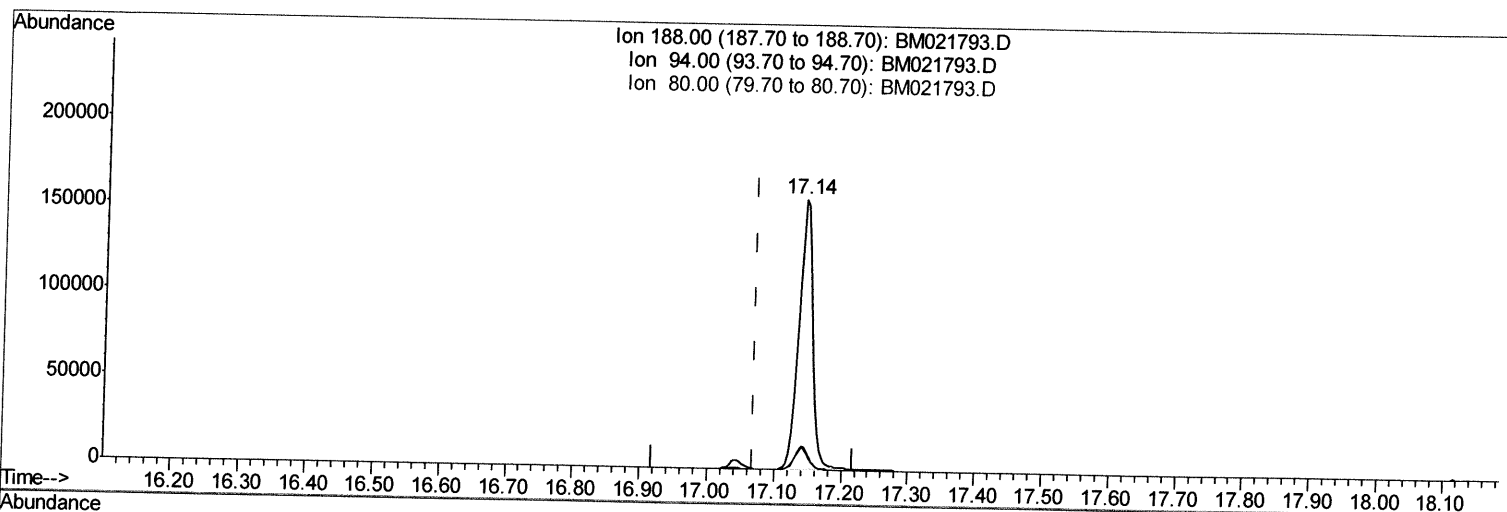
Data File : BM021793.D
Acq On : 04 Aug 2019 03:15
Operator : HP/JU
Sample : K3850-14
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENS1

Manual Integrations
APPROVED

mohammad
8/5/2019 10:14:34 PM

Quant Time: Aug 04 05:10:04 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 : Sun Aug 04 04:24:24 2019
Response via : Initial Calibration



TIC: BM021793.D

(10) Phenanthrene-d10 (I)

17.141min (+0.073) 0.40ng/ul

response 226170

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	8.63
80.00	11.40	8.13#
0.00	0.00	0.00

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

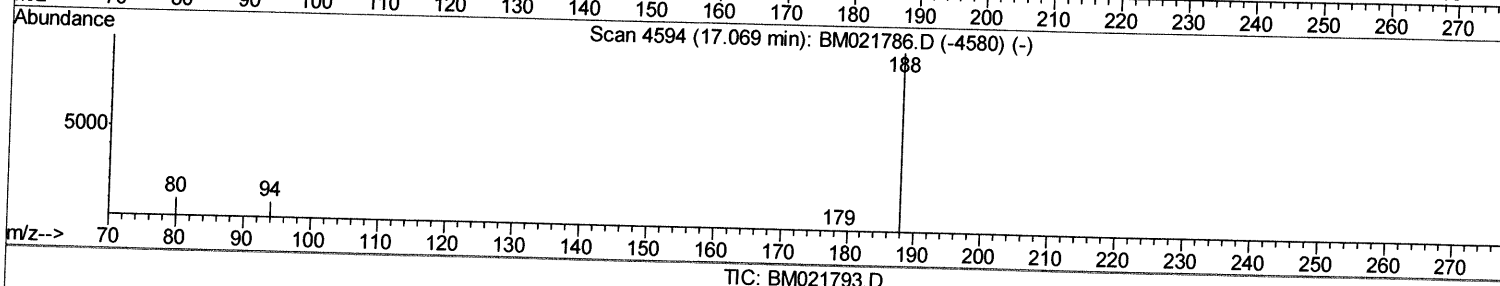
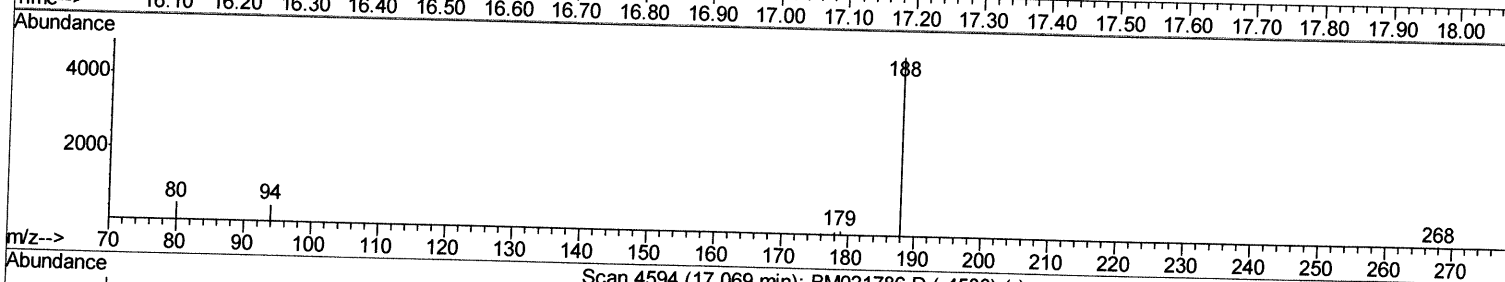
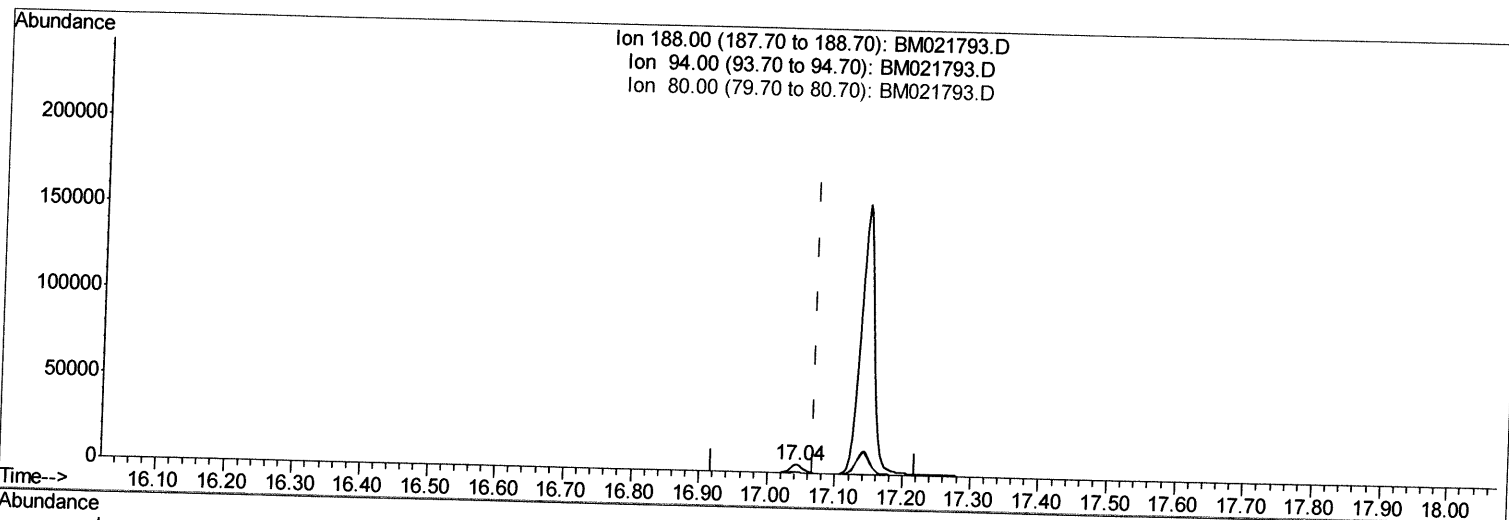
Data File : BM021793.D
Acq On : 04 Aug 2019 03:15
Operator : HP/JU
Sample : K3850-14
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENS1

Manual Integrations
APPROVED

mohammad
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Quant Time: Aug 04 05:10:04 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 : Sun Aug 04 04:24:24 2019
Response via : Initial Calibration



TIC: BM021793.D

(10) Phenanthrene-d10 (I)

17.044min (-0.024) 0.40ng/ul m

JU
08/05/19

response 6698

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	10.08
80.00	11.40	10.33
0.00	0.00	0.00

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

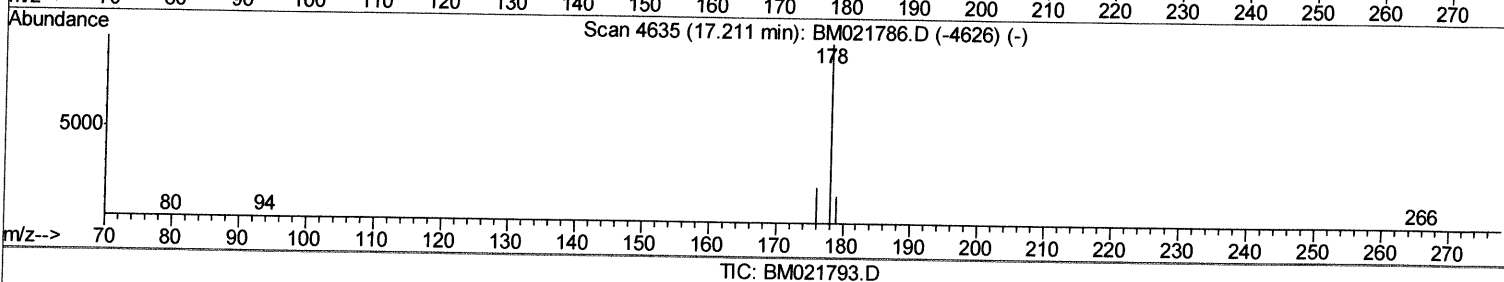
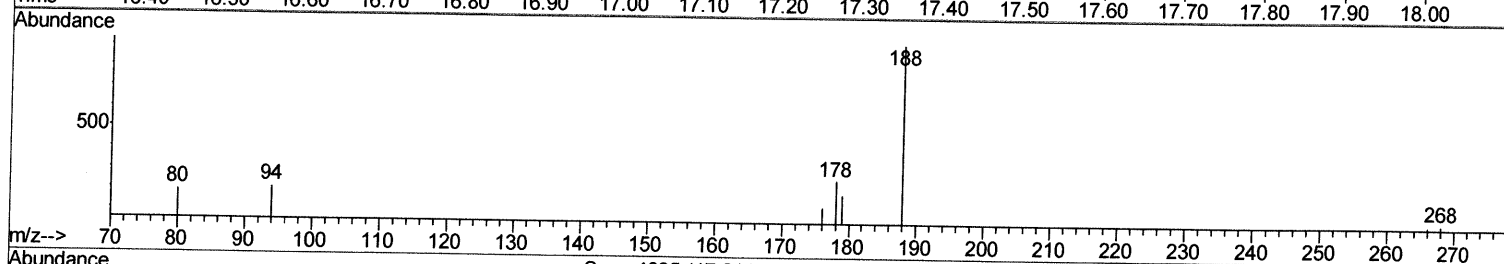
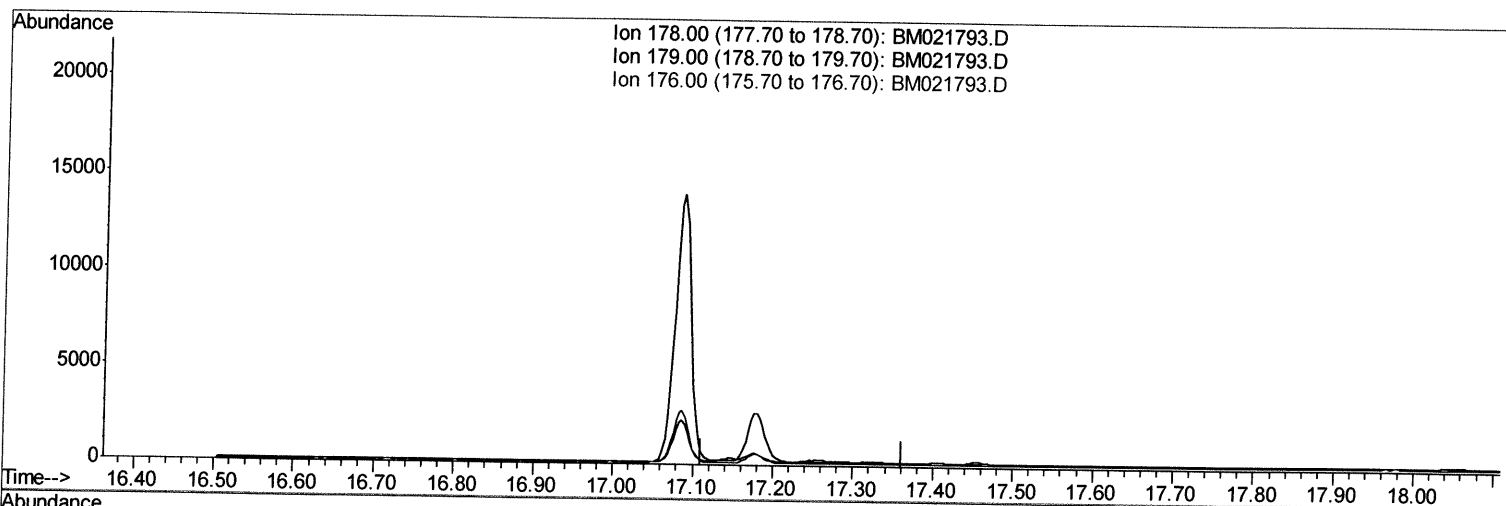
Data File : BM021793.D
Acq On : 04 Aug 2019 03:15
Operator : HP/JU
Sample : K3850-14
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENS1

Manual Integrations
APPROVED

mohammad
8/5/2019 10:14:34 PM

Quant Time: Aug 04 05:10:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



(13) Anthracene

17.211min (-17.211) 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)

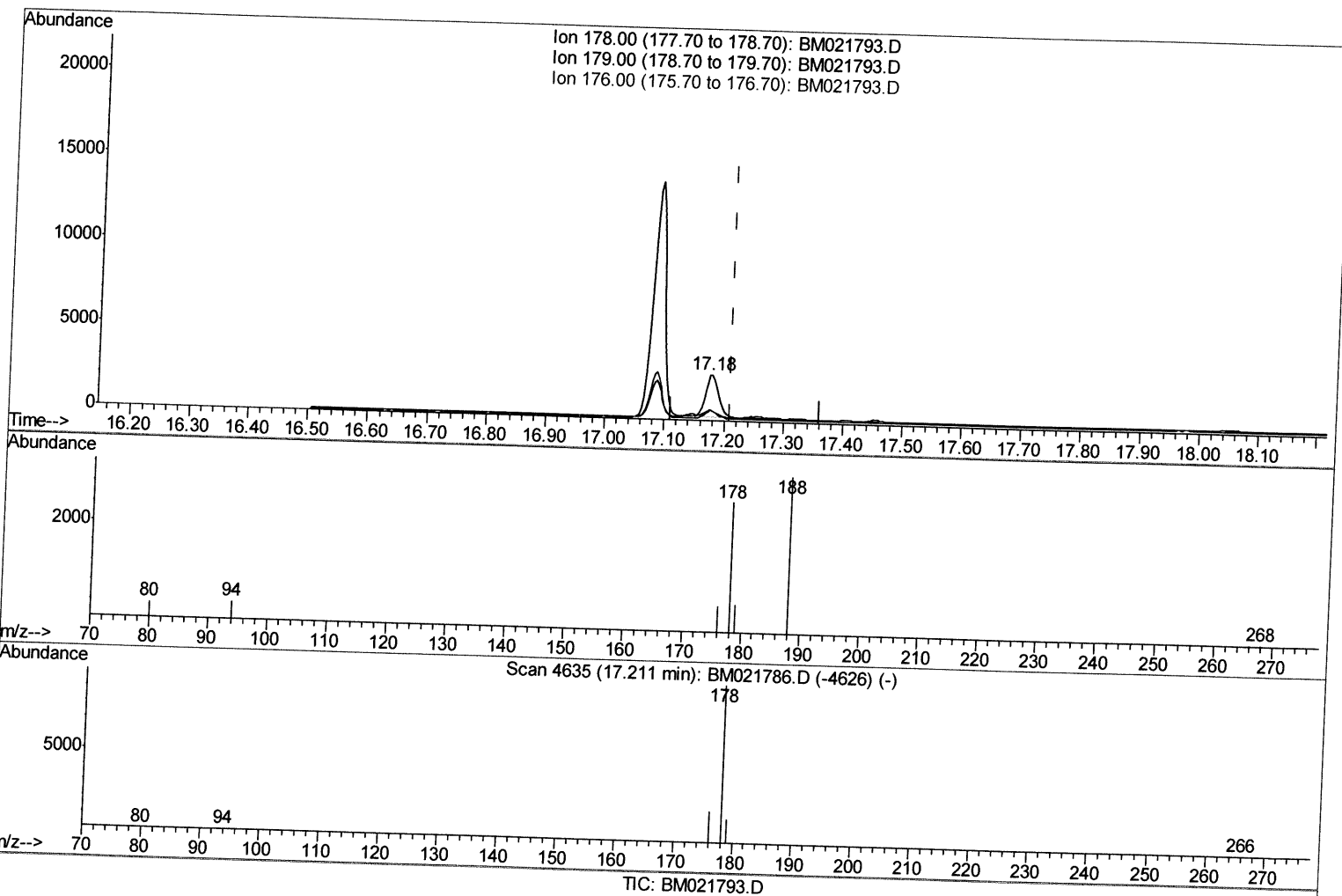
Data File : BM021793.D
Acq On : 04 Aug 2019 03:15
Operator : HP/JU
Sample : K3850-14
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENS1

Manual Integrations
APPROVED

mohammad
8/5/2019 10:14:34 PM

Quant Time: Aug 04 05:10:55 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 : Sun Aug 04 04:24:24 2019
Response via : Initial Calibration



(13) Anthracene

17.176min (-0.035) 0.23ng/ul m *JU* 08/05/19

response 3767

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	22.77
176.00	20.80	21.28
0.00	0.00	0.00

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

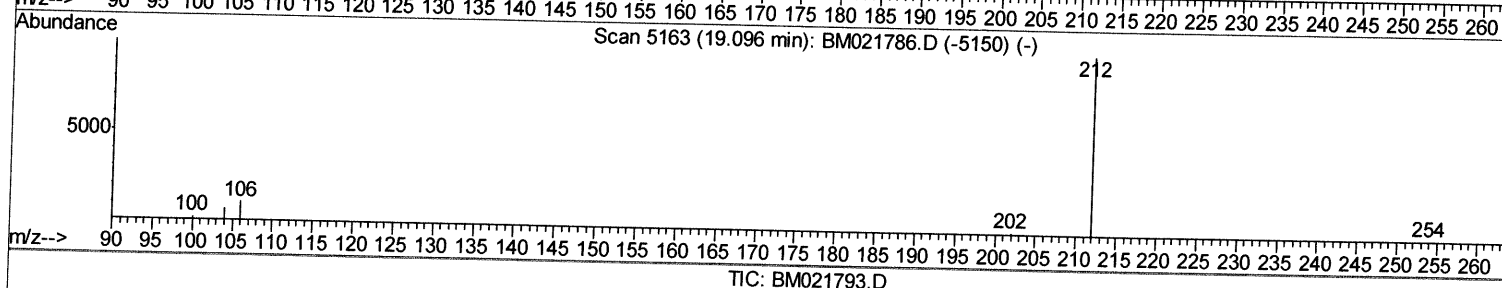
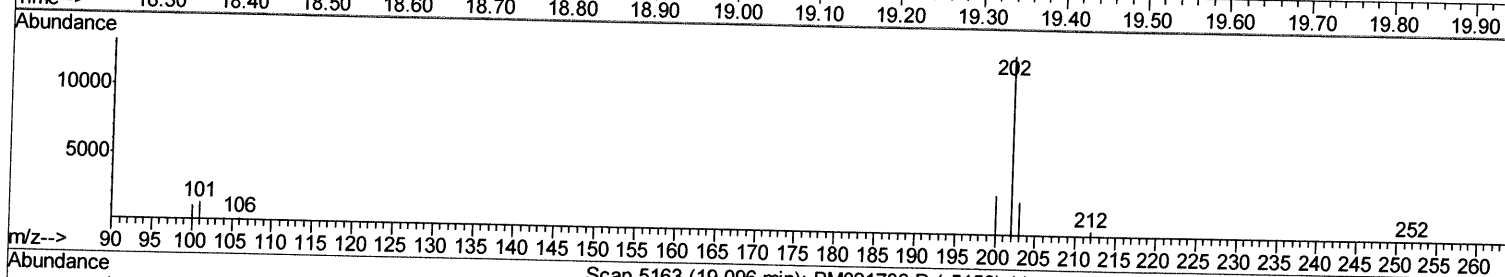
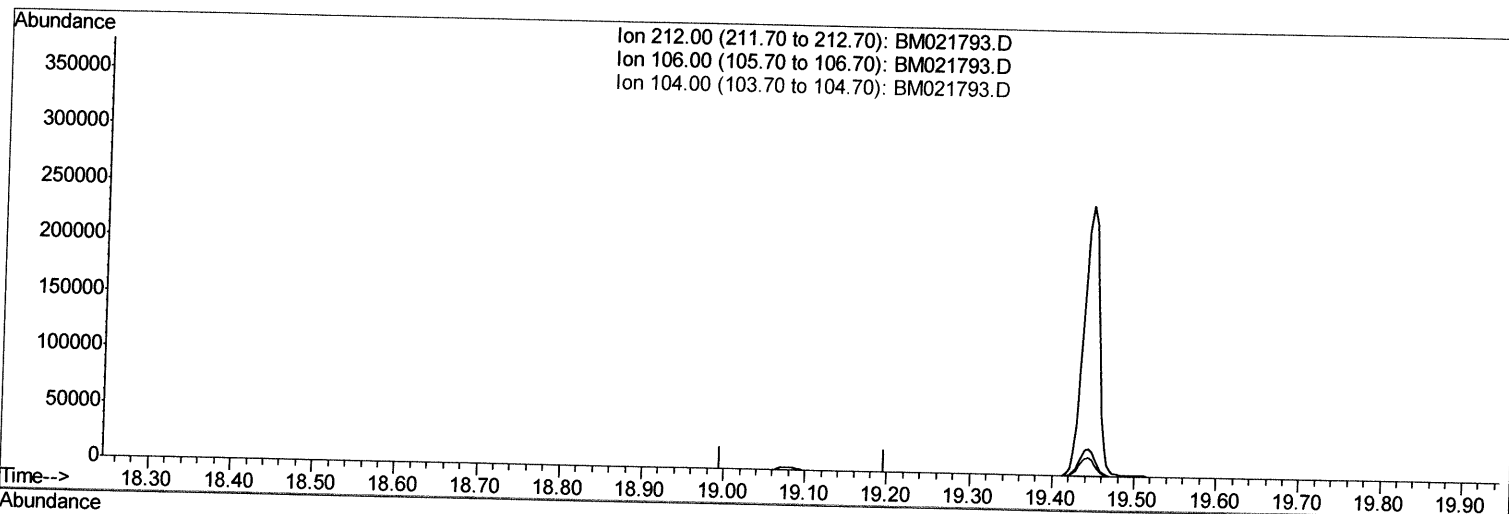
Data File : BM021793.D
Acq On : 04 Aug 2019 03:15
Operator : HP/JU
Sample : K3850-14
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENS1

Manual Integrations
APPROVED

mohammad
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(14) Fluoranthene-d10 (SURR)

19.096min (-19.096) 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)

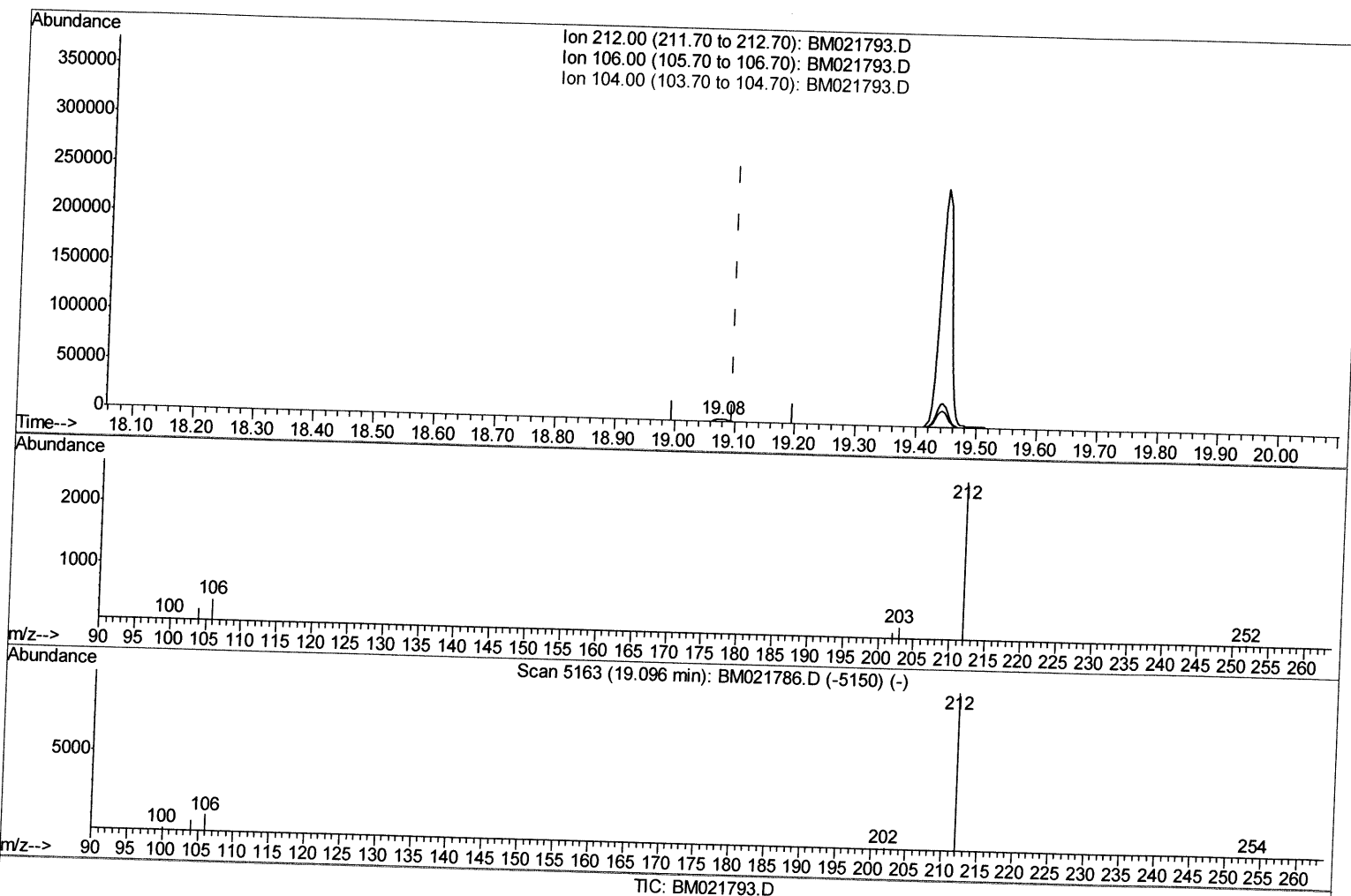
Data File : BM021793.D
Acq On : 04 Aug 2019 03:15
Operator : HP/JU
Sample : K3850-14
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENS1

Manual Integrations
APPROVED

mohammad
8/5/2019 10:14:34 PM

Quant Time: Aug 04 05:10:55 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 : Sun Aug 04 04:24:24 2019
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.077min (-0.019) 0.16ng/ul m 08/05/19

response 3700

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)

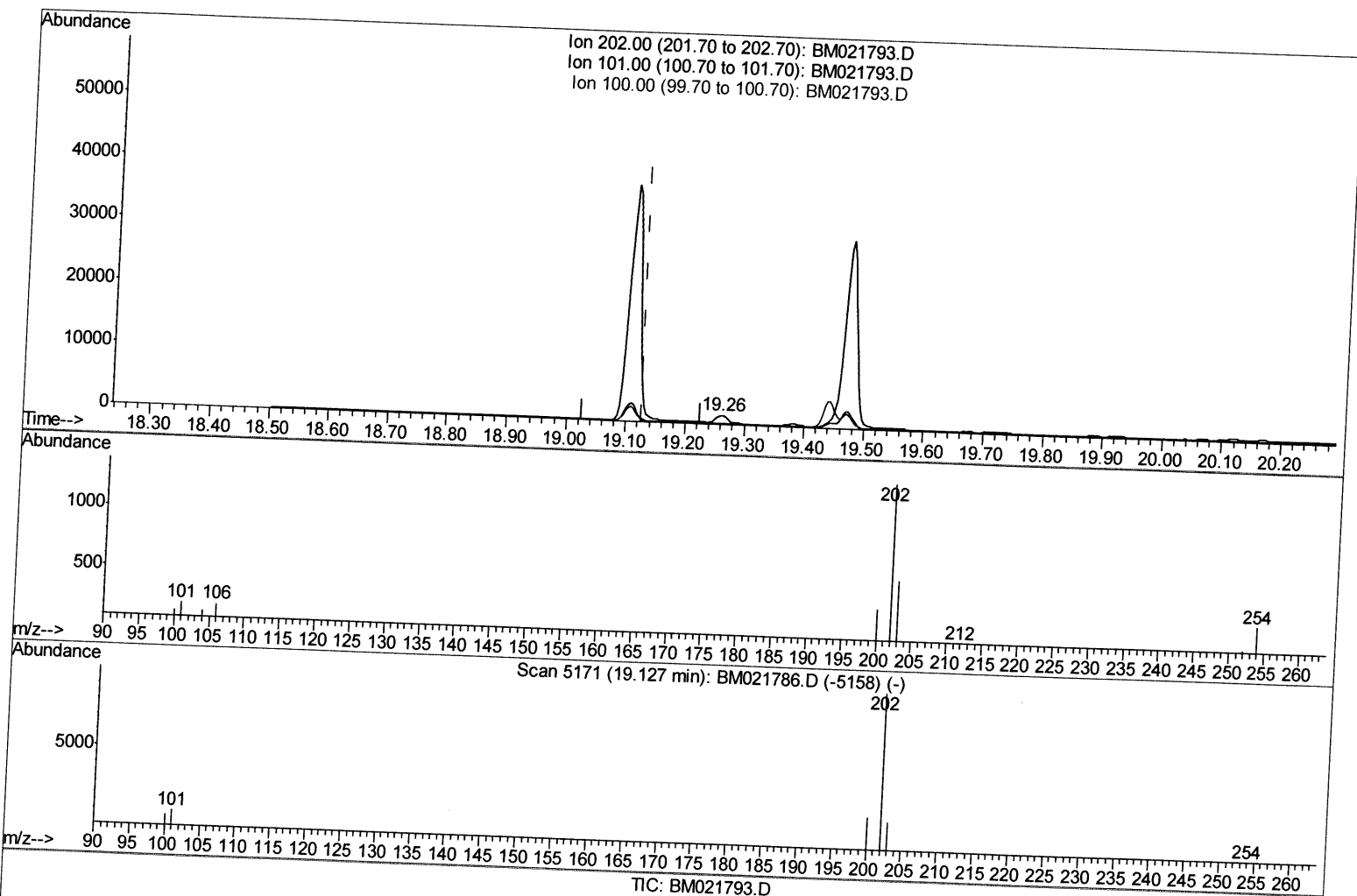
Data File : BM021793.D
Acq On : 04 Aug 2019 03:15
Operator : HP/JU
Sample : K3850-14
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENS1

Manual Integrations
APPROVED

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Quant Time: Aug 04 05:10:55 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 : Sun Aug 04 04:24:24 2019
Response via : Initial Calibration



(15) Fluoranthene (C)

19.260min (+0.133) 0.06ng/ul

response 1539

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	15.20
100.00	8.10	11.29
0.00	0.00	0.00

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

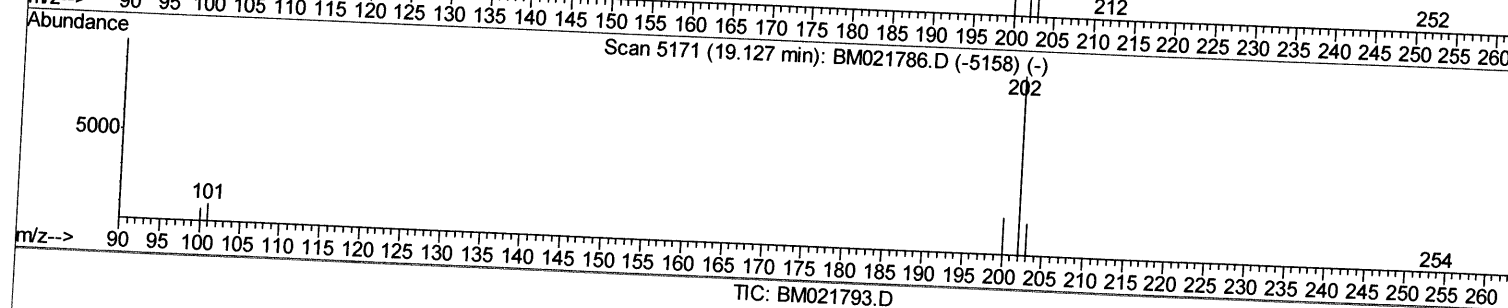
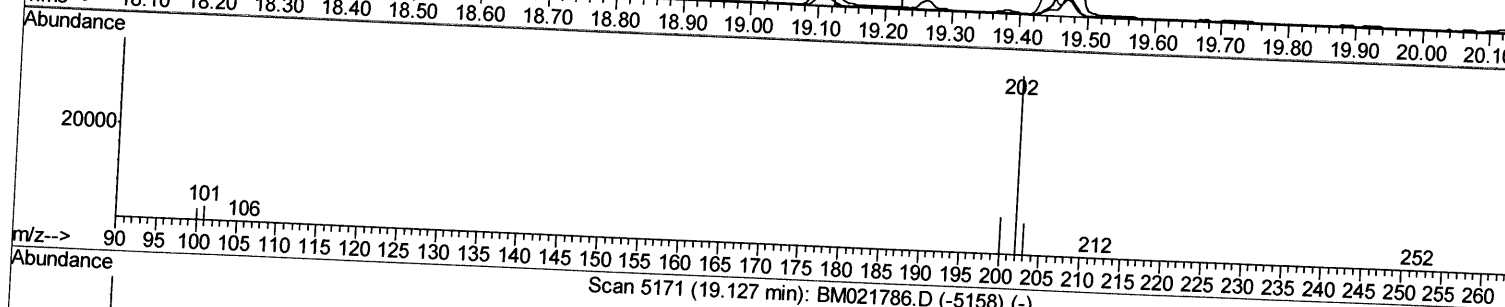
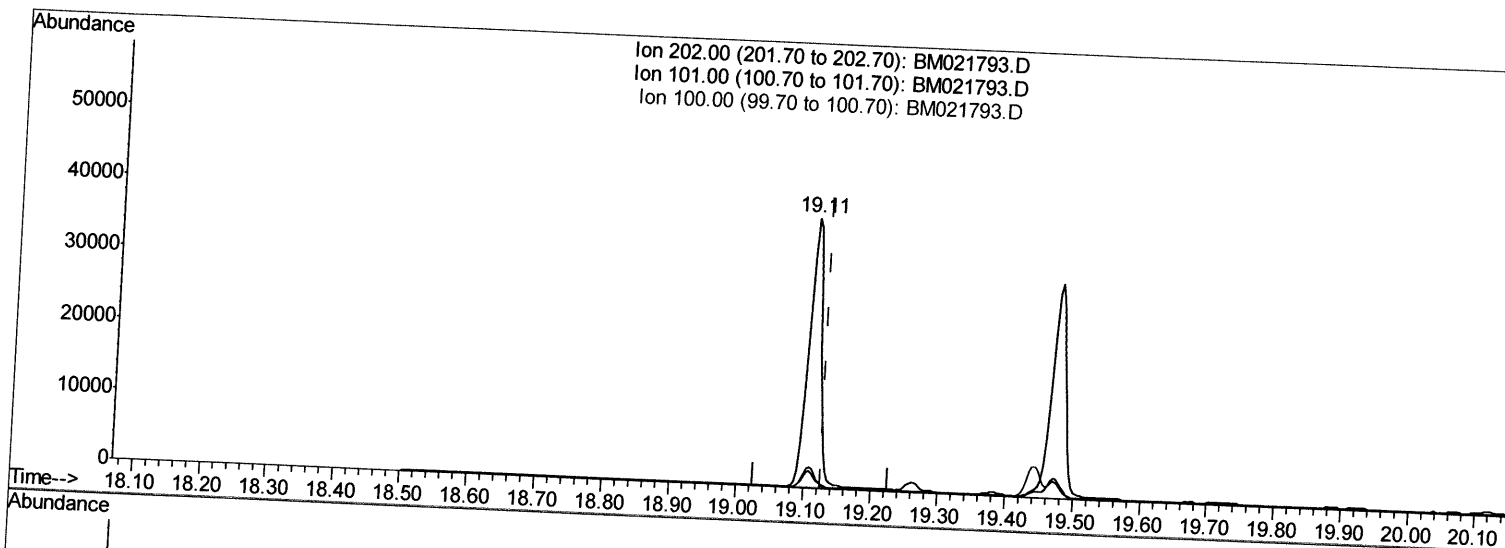
Data File : BM021793.D
Acq On : 04 Aug 2019 03:15
Operator : HP/JU
Sample : K3850-14
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENS1

Manual Integrations
APPROVED

mohammad
8/5/2019 10:14:34 PM

Quant Time: Aug 04 05:10:55 2019
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QLast Update : Sun Aug 04 04:24:24 2019
Response via : Initial Calibration



(15) Fluoranthene (C)

19.108min (-0.019) 1.93ng/ul m *JU* 08/05/19

response 50486

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	7.90
100.00	8.10	6.21
0.00	0.00	0.00

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

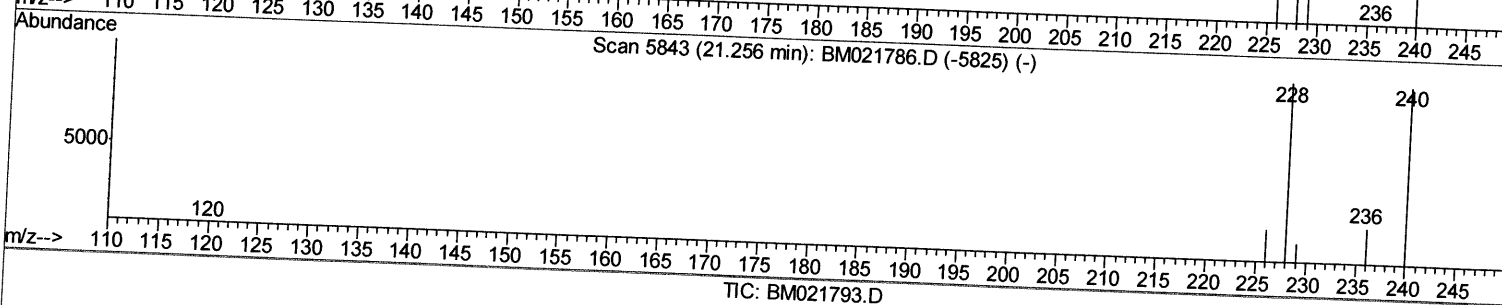
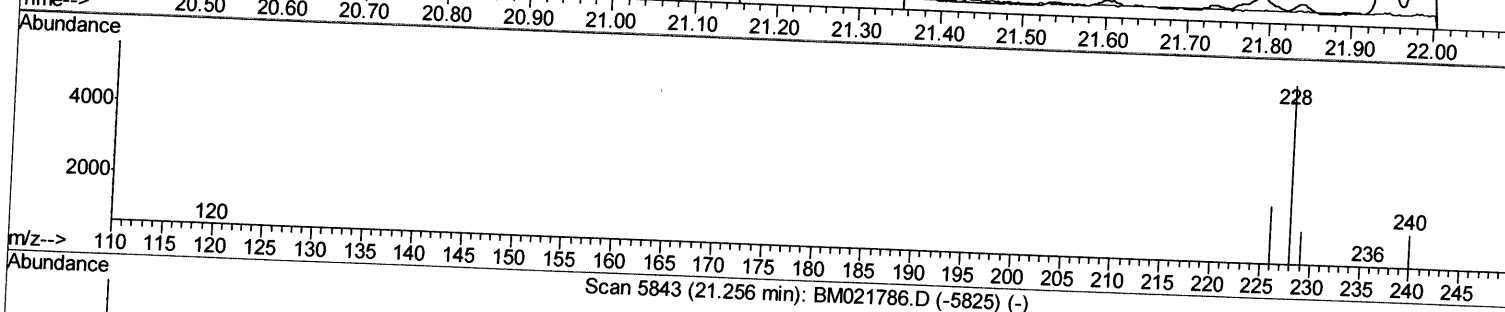
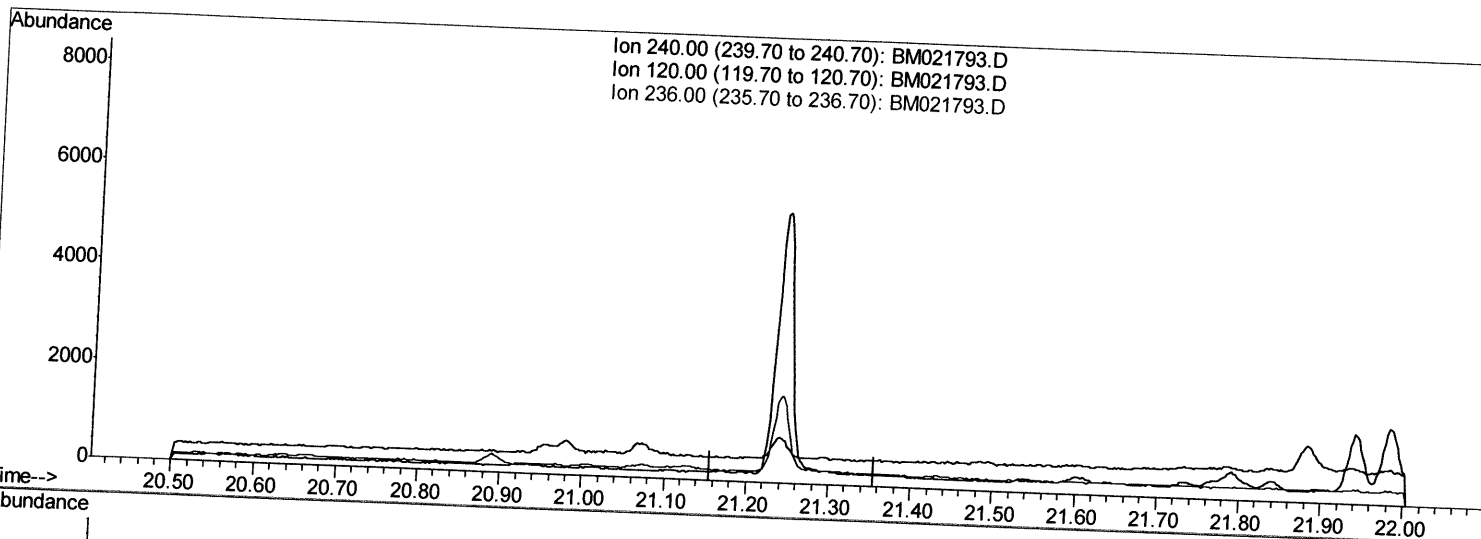
Data File : BM021793.D
Acq On : 04 Aug 2019 03:15
Operator : HP/JU
Sample : K3850-14
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENS1

Manual Integrations
APPROVED

mohammad
8/5/2019 10:14:34 PM

Quant Time: Aug 04 05:10:55 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 04 04:24:24 2019
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.256min (-21.256) 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\BM080319\
Quantitation Report (Qedit)

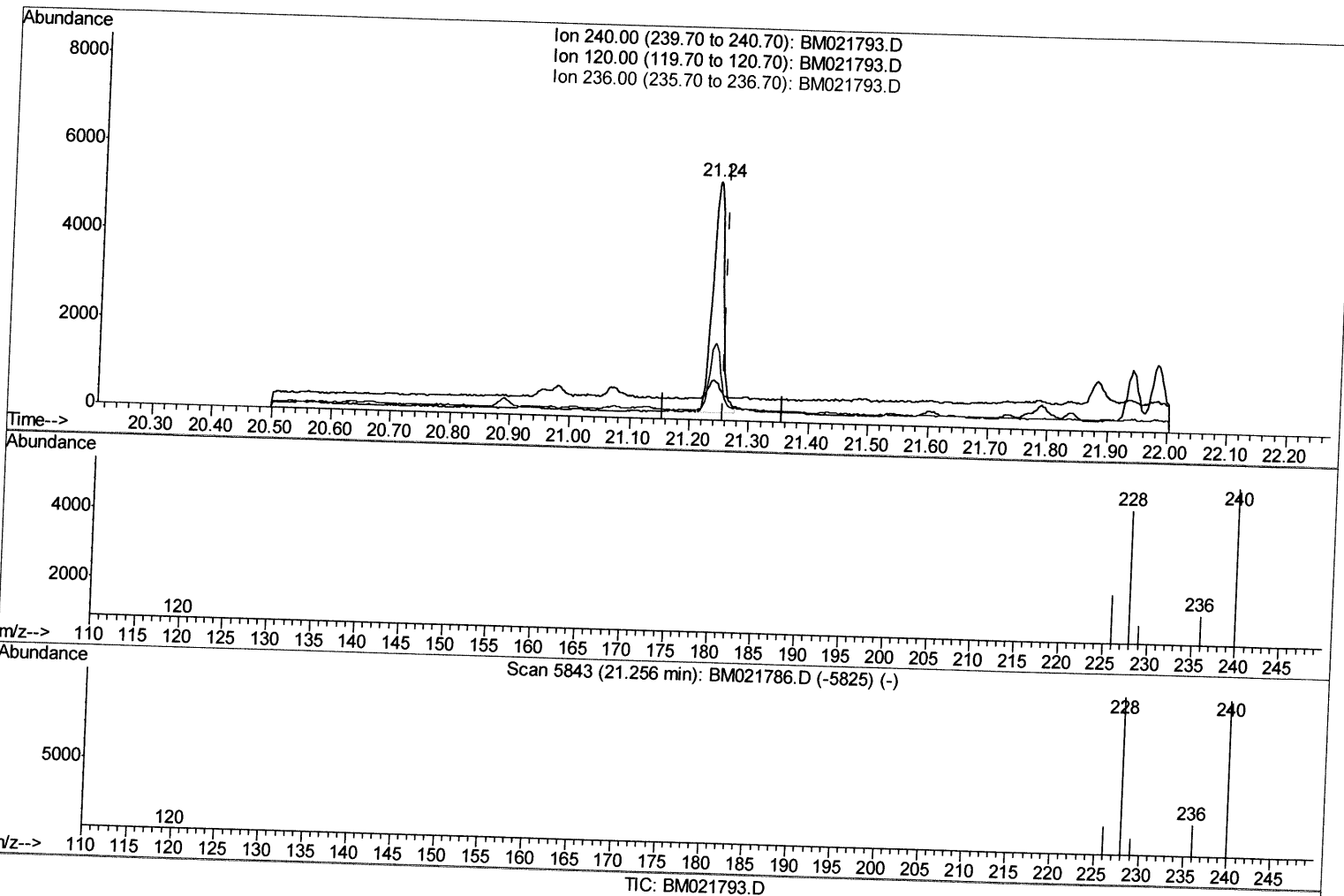
Data File : BM021793.D
Acq On : 04 Aug 2019 03:15
Operator : HP/JU
Sample : K3850-14
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENS1

Manual Integrations
APPROVED

mohammad
8/5/2019 10:14:34 PM

Quant Time: Aug 04 05:10:55 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 : Sun Aug 04 04:24:24 2019
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.241min (-0.015) 0.40ng/ul m *JU 08/05/19*

response 7026

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	16.57
236.00	32.30	32.14
0.00	0.00	0.00

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

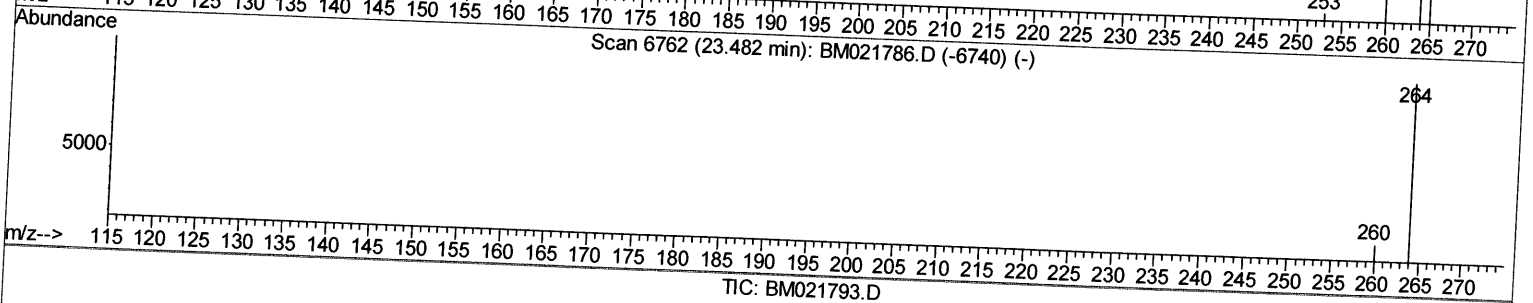
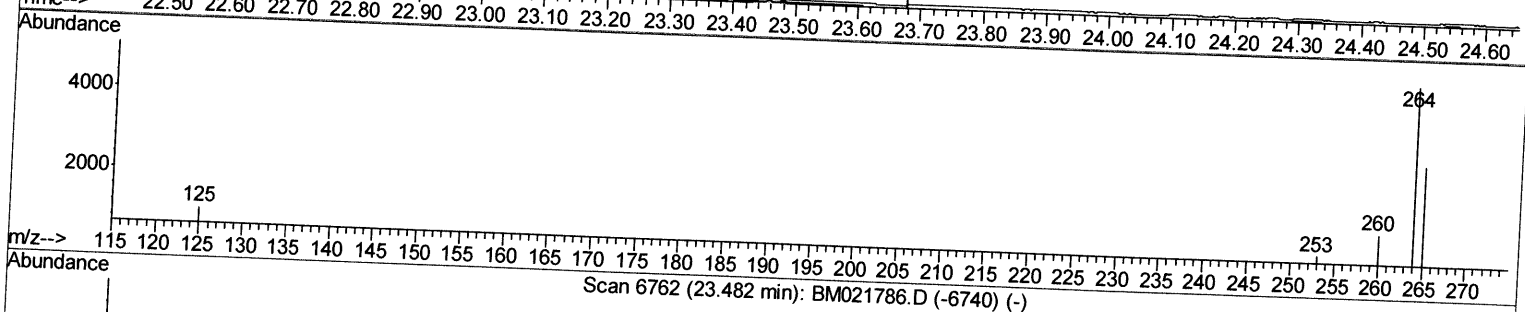
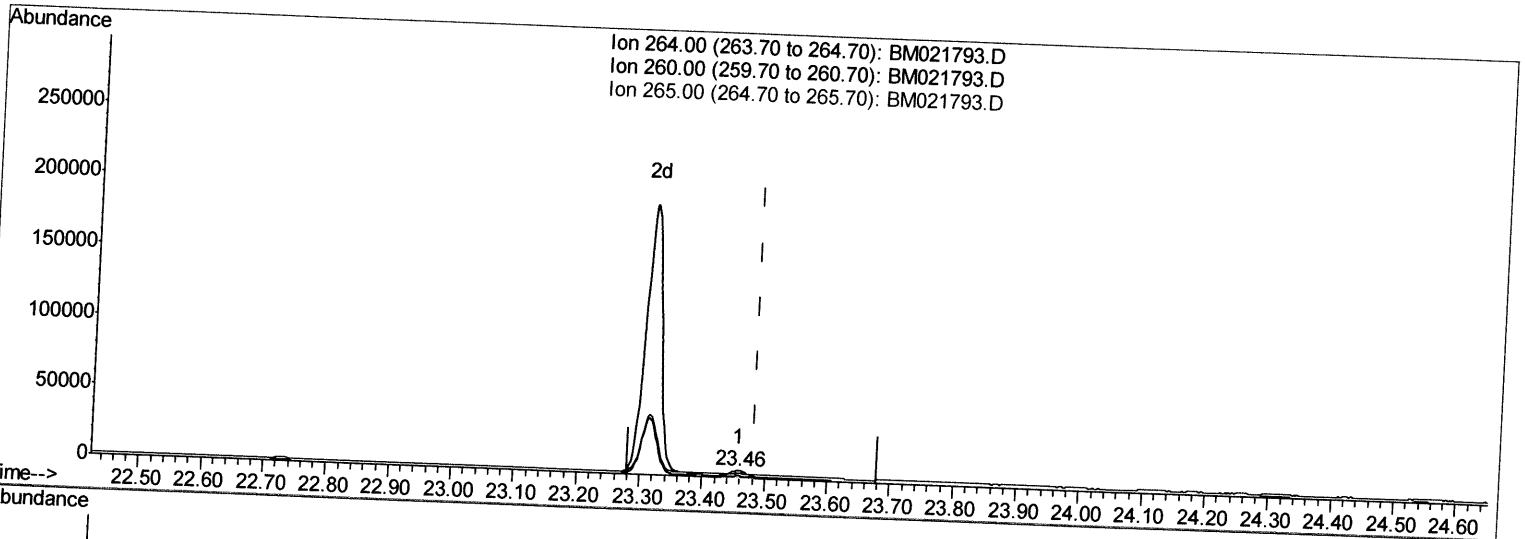
Data File : BM021793.D
Acq On : 04 Aug 2019 03:15
Operator : HP/JU
Sample : K3850-14
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENS1

Manual Integrations
APPROVED

mohammad
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Quant Time: Aug 04 05:11:57 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 04 04:24:24 2019
Response via : Initial Calibration



(20) Perylene-d12 (I)
23.457min (-0.024) 0.40ng/ul
response 11410

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	27.11
265.00	117.00	61.29#
0.00	0.00	0.00

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

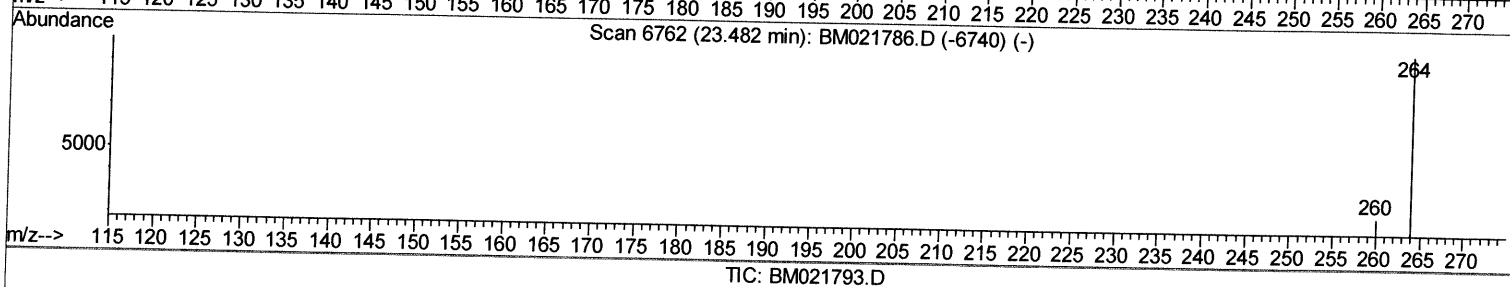
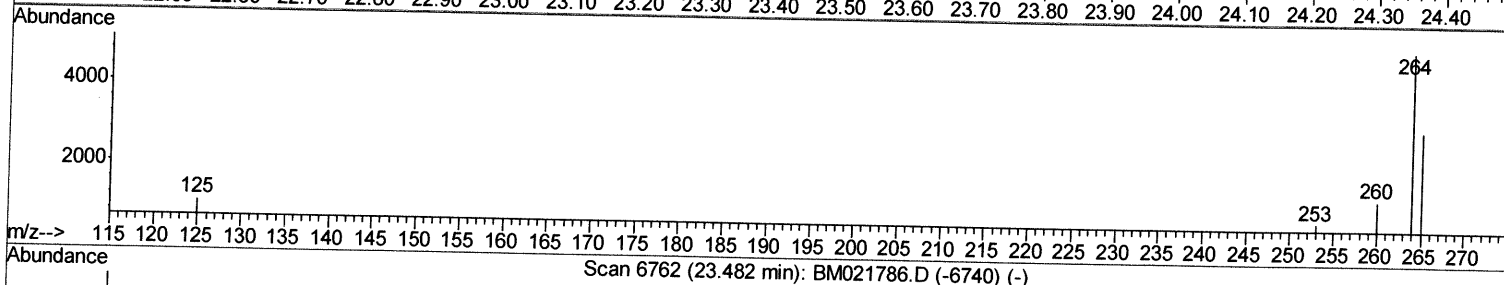
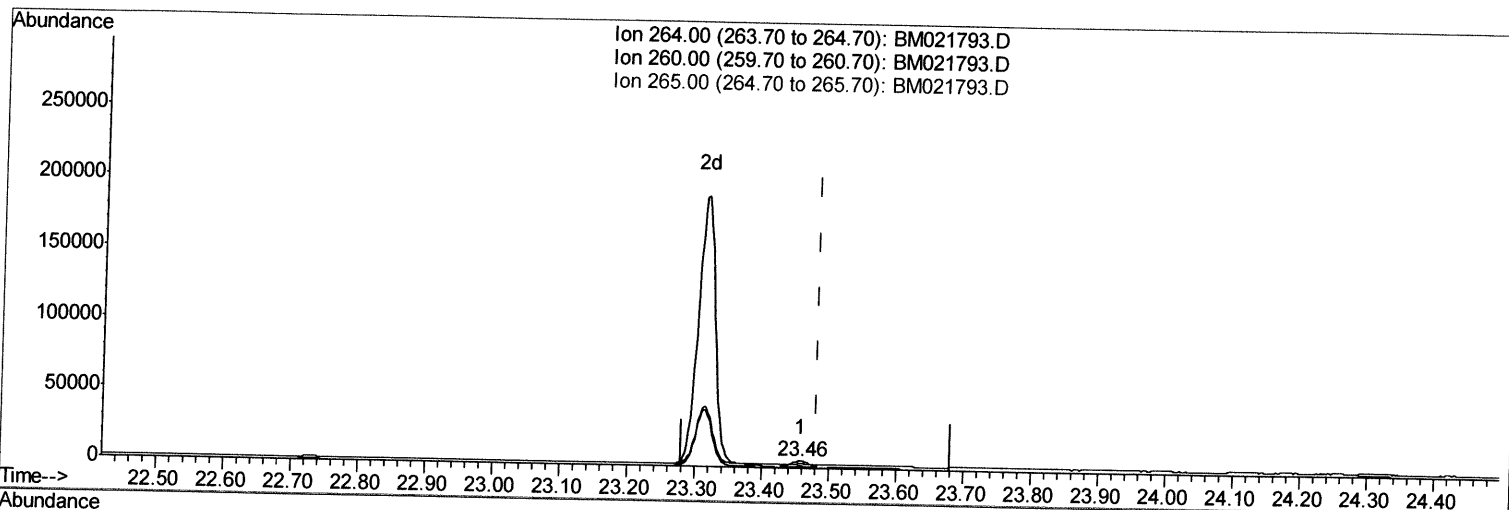
Data File : BM021793.D
Acq On : 04 Aug 2019 03:15
Operator : HP/JU
Sample : K3850-14
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENS1

Manual Integrations
APPROVED

mohammad
8/5/2019 10:14:34 PM

Quant Time: Aug 04 05:11:57 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 : Sun Aug 04 04:24:24 2019
Response via : Initial Calibration



(20) Perylene-d12 (I)

23.457min (-0.024) 0.40ng/ul m *JU 08/05/19*

response 7638

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	27.11
265.00	117.00	61.29#
0.00	0.00	0.00

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

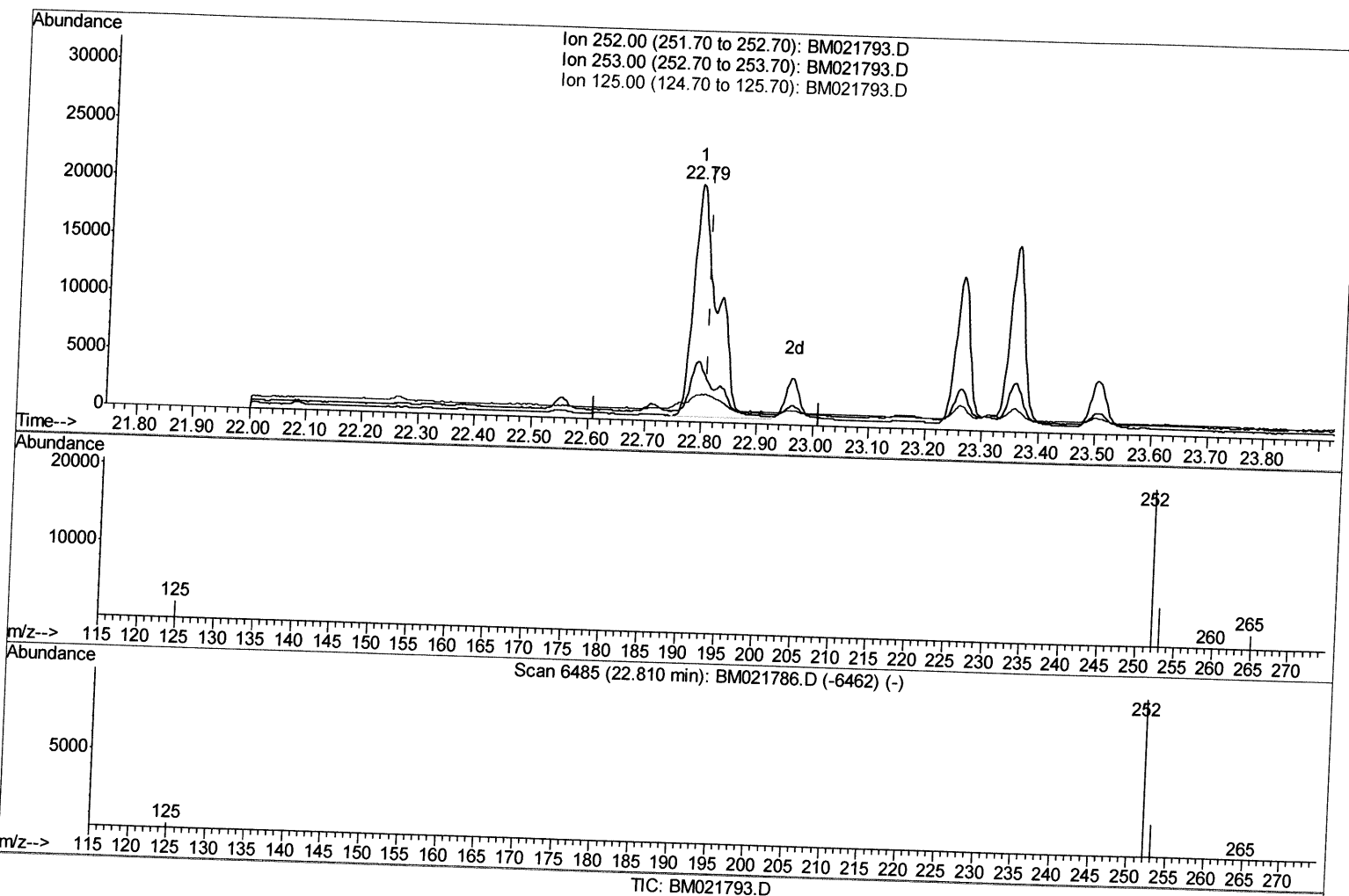
Data File : BM021793.D
Acq On : 04 Aug 2019 03:15
Operator : HP/JU
Sample : K3850-14
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENS1

Manual Integrations
APPROVED

mohammad
8/5/2019 10:14:34 PM

Quant Time: Aug 04 05:12:23 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 : Sun Aug 04 04:24:24 2019
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.791min (-0.019) 2.30ng/ul

response 59268

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	25.14
125.00	15.50	11.32
0.00	0.00	0.00

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

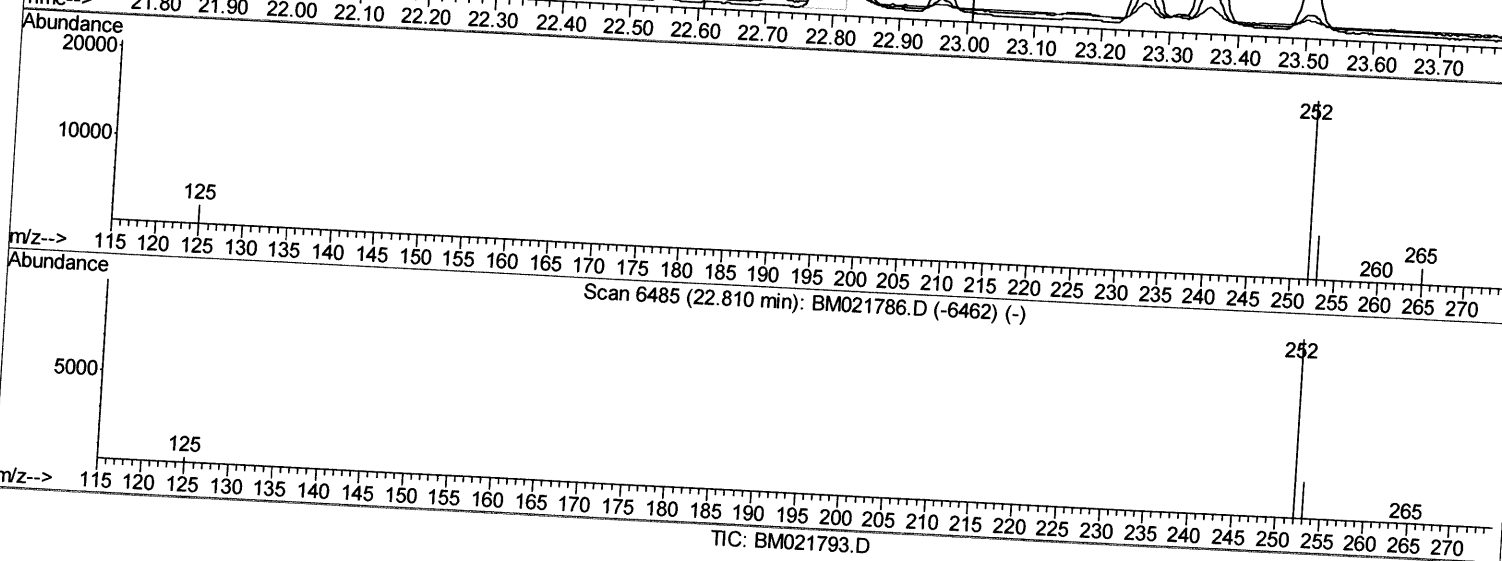
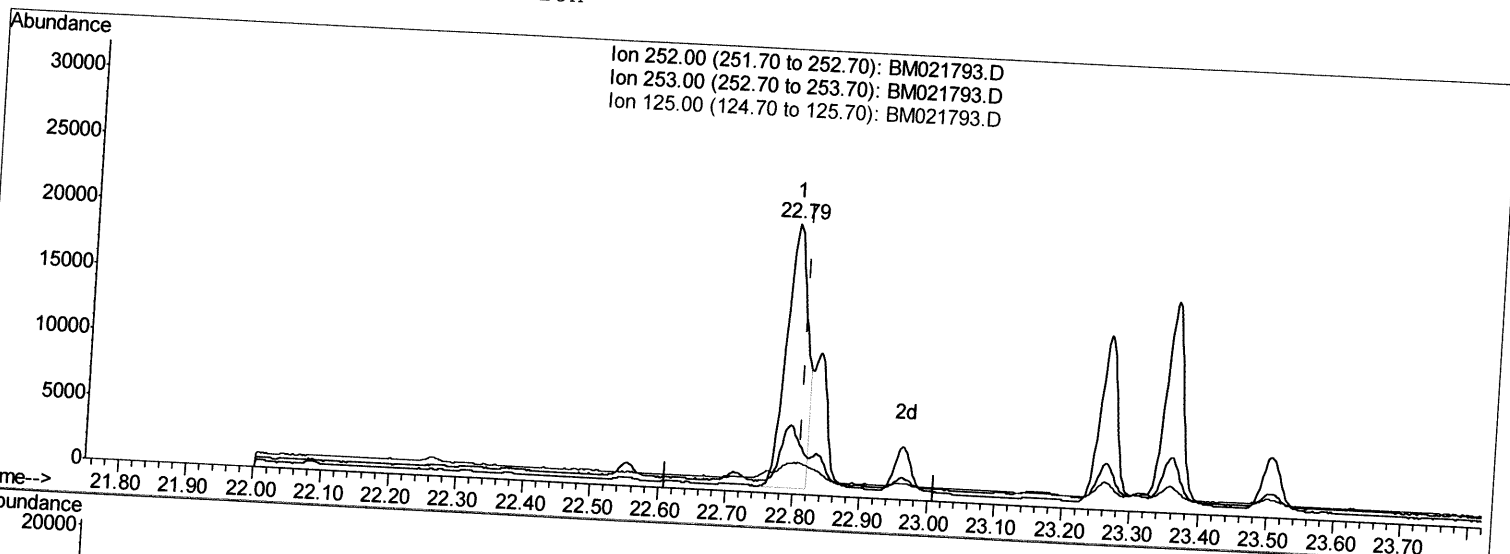
Data File : BM021793.D
Acq On : 04 Aug 2019 03:15
Operator : HP/JU
Sample : K3850-14
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BENS1

Manual Integrations
APPROVED

mohammad
8/5/2019 10:14:34 PM

Quant Time: Aug 04 05:12:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.791min (-0.019) 1.65ng/ul m *Ju* 08/05/19

response 42589

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	25.14
125.00	15.50	11.32
0.00	0.00	0.00

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

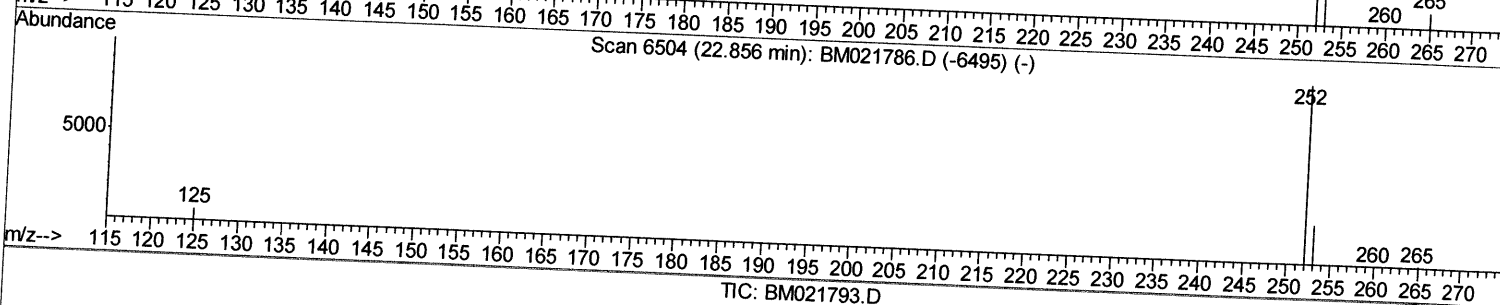
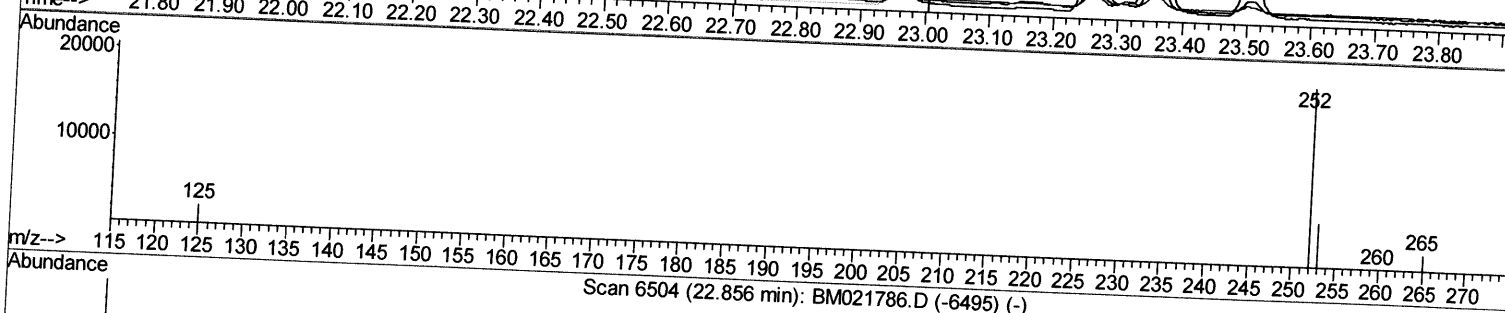
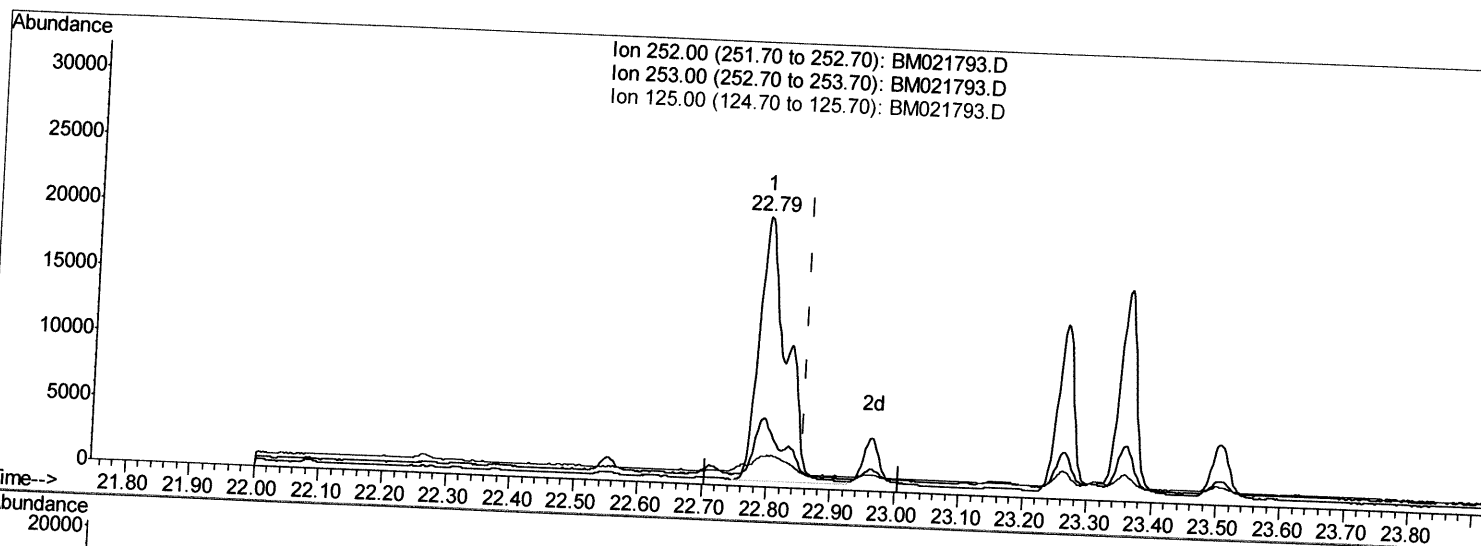
Data File : BM021793.D
Acq On : 04 Aug 2019 03:15
Operator : HP/JU
Sample : K3850-14
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENS1

Manual Integrations
APPROVED

mohammad
8/5/2019 10:14:34 PM

Quant Time: Aug 04 05:12:23 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 : Sun Aug 04 04:24:24 2019
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.791min (-0.065) 2.03ng/ul

response 59268

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	25.14#
125.00	15.20	11.32#
0.00	0.00	0.00

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

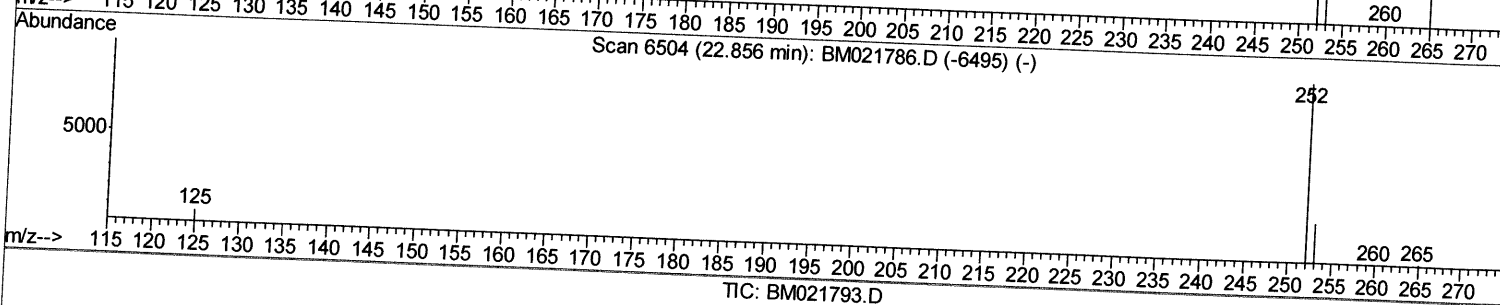
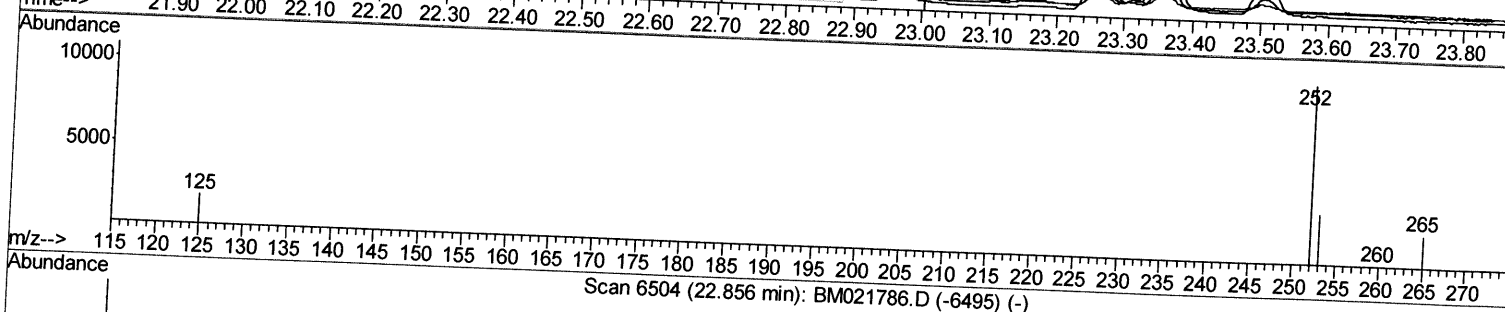
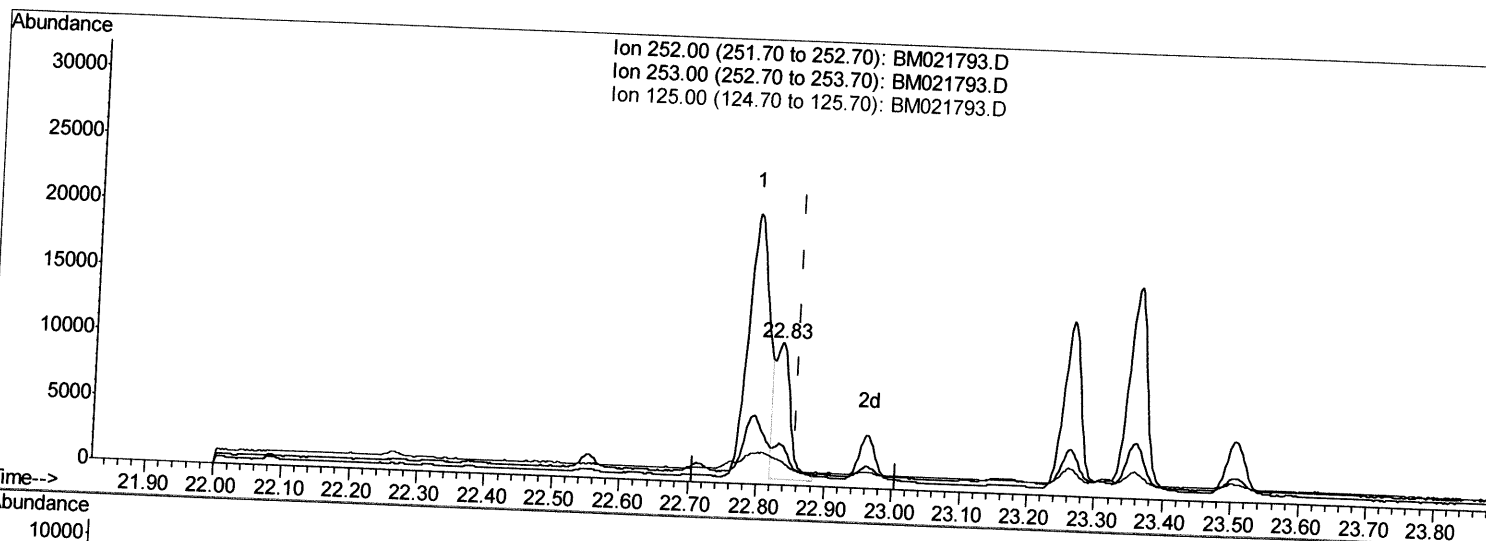
Data File : BM021793.D
Acq On : 04 Aug 2019 03:15
Operator : HP/JU
Sample : K3850-14
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENS1

Manual Integrations
APPROVED

mohammad
8/5/2019 10:14:34 PM

Quant Time: Aug 04 05:12:23 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 : Sun Aug 04 04:24:24 2019
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.832min (-0.024) 0.57ng/ul m

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08/05/19

response 16752

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	29.25
125.00	15.20	17.54
0.00	0.00	0.00

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

Quantitation Report (QT Reviewed)

Data File : BM021793.D

Acq On : 04 Aug 2019 03:15

Operator : HP/JU

Sample : K3850-14

Misc :

ALS Vial : 36 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

BENS1

Manual Integrations
APPROVED

mohammad
8/5/2019 10:14:34 PM

Quant Time: Aug 04 05:13:03 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 : Sun Aug 04 04:24:24 2019

Response via : Initial Calibration

Internal Standards

	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	1070	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.42	136	4253	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.29	164	2580	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.04	188	6698m >	0.40	ng/ul	-0.02
16) Chrysene-d12	21.24	240	7026m >	0.40	ng/ul	-0.01
20) Perylene-d12	23.46	264	7638m >	0.40	ng/ul	-0.02

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System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.03	152	992	0.14	ng/ul	-0.03
14) Fluoranthene-d10	19.08	212	3700m	0.16	ng/ul	-0.02

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.46	128	564	0.047	ng/ul#	77
5) 2-Methylnaphthalene	12.11	142	396	0.049	ng/ul	96
7) Acenaphthylene	14.01	152	2545	0.212	ng/ul	98
8) Acenaphthene	14.35	153	672	0.068	ng/ul	96
9) Fluorene	15.35	166	996	0.091	ng/ul#	96
12) Phenanthrene	17.09	178	19622	1.007	ng/ul	98
13) Anthracene	17.18	178	3767m >	0.227	ng/ul	98
15) Fluoranthene	19.11	202	50486m >	1.934	ng/ul	98
17) Pyrene	19.47	202	42750	1.481	ng/ul	96
18) Benzo(a)anthracene	21.23	228	24824	0.988	ng/ul	98
19) Chrysene	21.28	228	29266	0.905	ng/ul	97
21) Benzo(b)fluoranthene	22.79	252	42589m >	1.654	ng/ul	98
22) Benzo(k)fluoranthene	22.83	252	16752m >	0.575	ng/ul	98
23) Benzo(a)pyrene	23.36	252	28289	1.080	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	25.67	276	23990	0.767	ng/ul#	87
25) Dibenzo(a,h)anthracene	25.68	278	5339	0.211	ng/ul#	80
26) Benzo(g,h,i)perylene	26.36	276	23237	0.825	ng/ul	96

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