

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

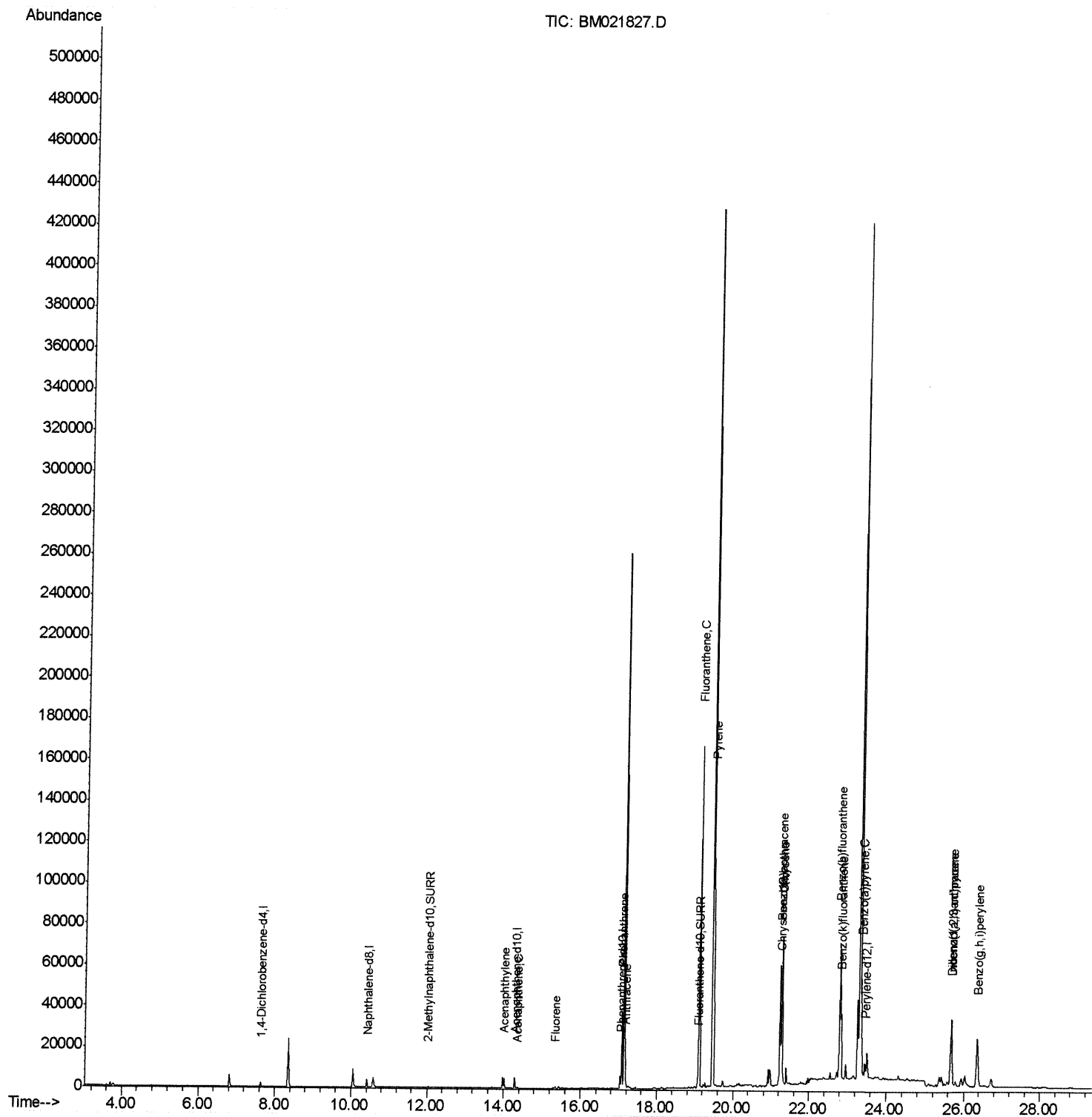
Data File : BM021827.D
Acq On : 05 Aug 2019 01:06
Operator : HP/JU
Sample : K3863-12
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A52F2

Manual Integrations
APPROVED

mohammad
8/5/2019 10:16:30 PM

Quant Time: Aug 05 08:43:06 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 08:19:16 2019
Response via : Initial Calibration



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

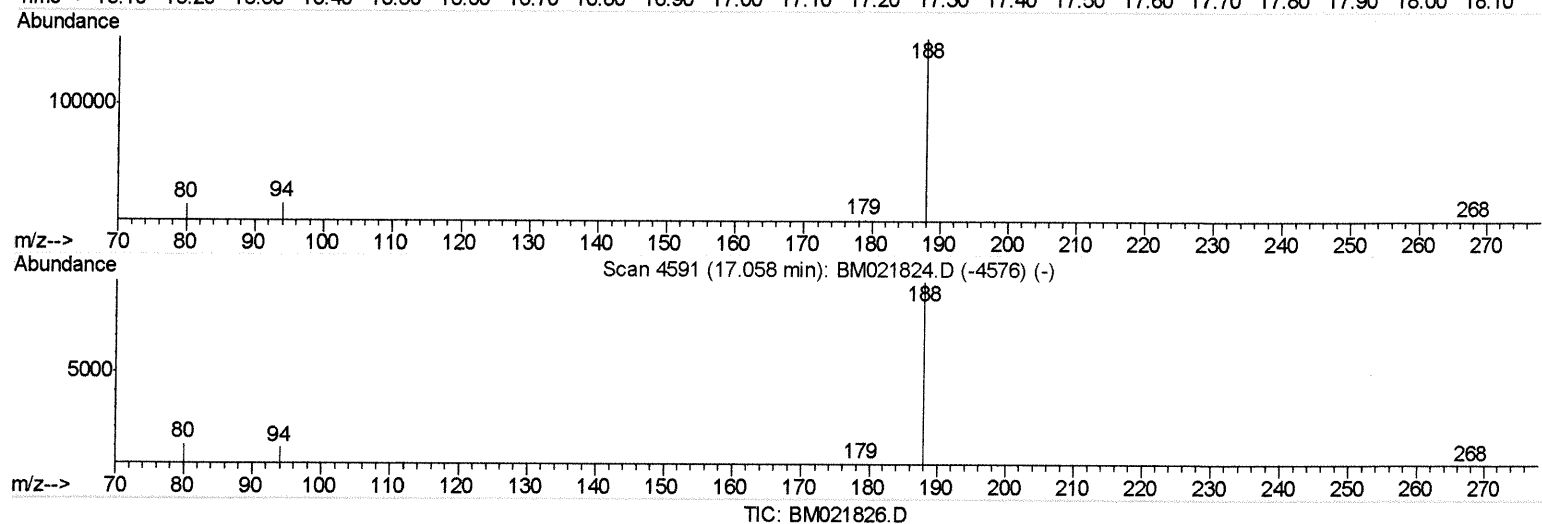
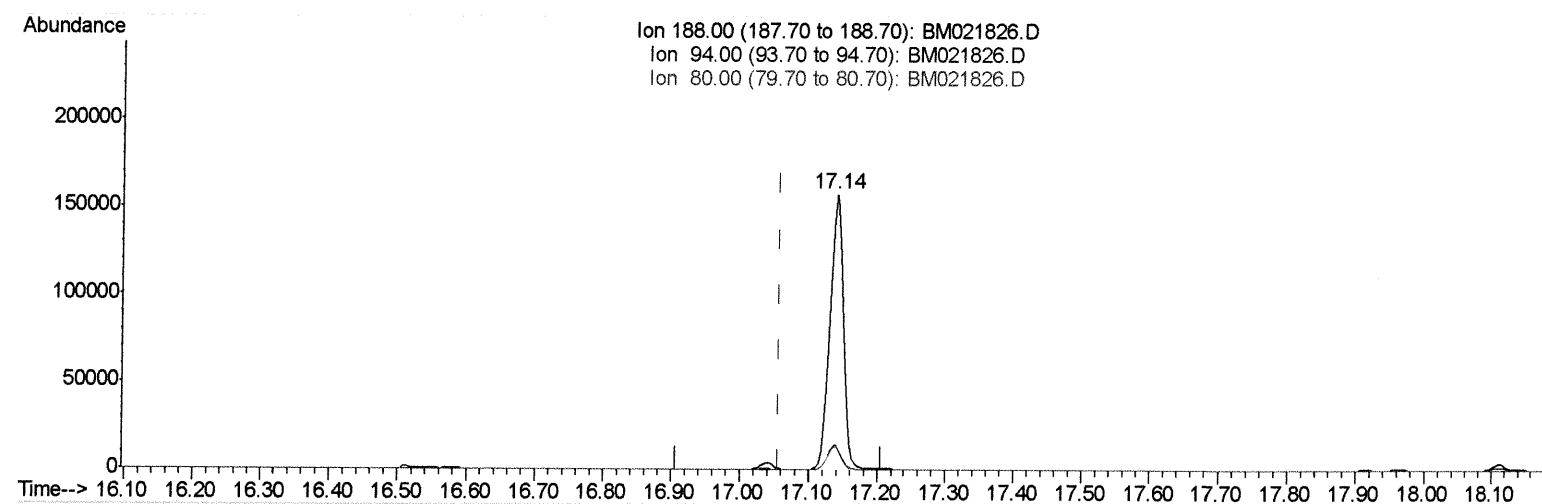
Data File : BM021826.D
Acq On : 05 Aug 2019 00:30
Operator : HP/JU
Sample : K3863-15
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A52F2

Manual Integrations
APPROVED

mohammad
8/5/2019 10:16:30 PM

Quant Time: Aug 05 08:24:07 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 08:19:16 2019
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.138min (+0.080) 0.40ng/ul

response 216549

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	9.07
80.00	11.40	8.58#
0.00	0.00	0.00

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

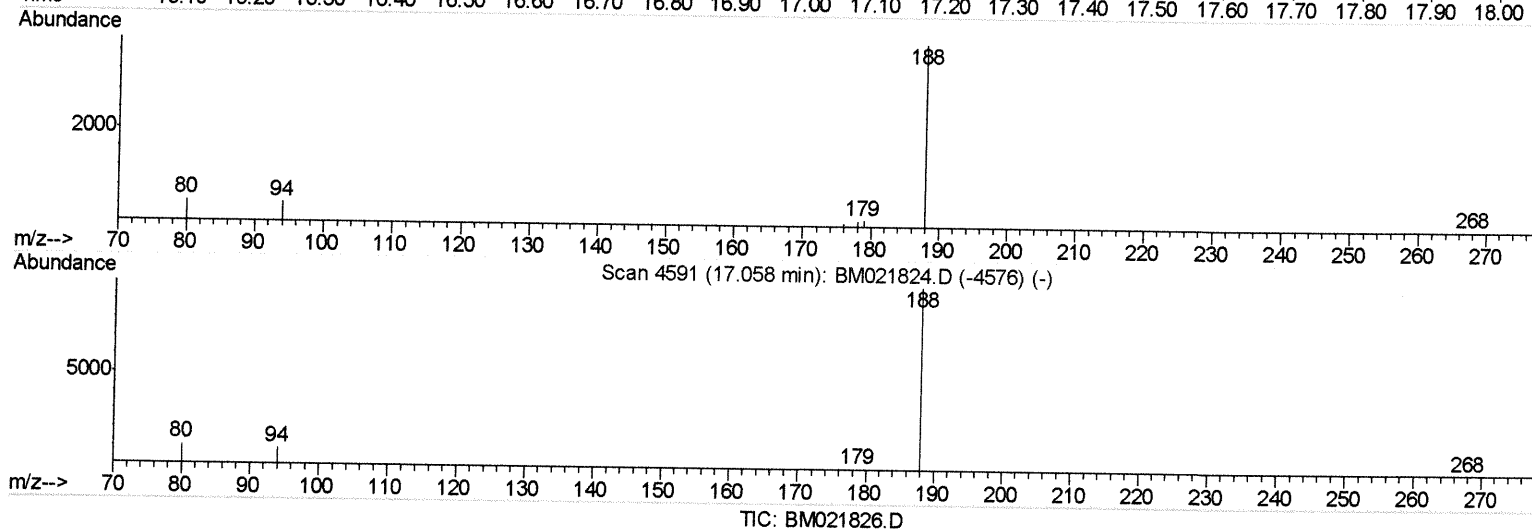
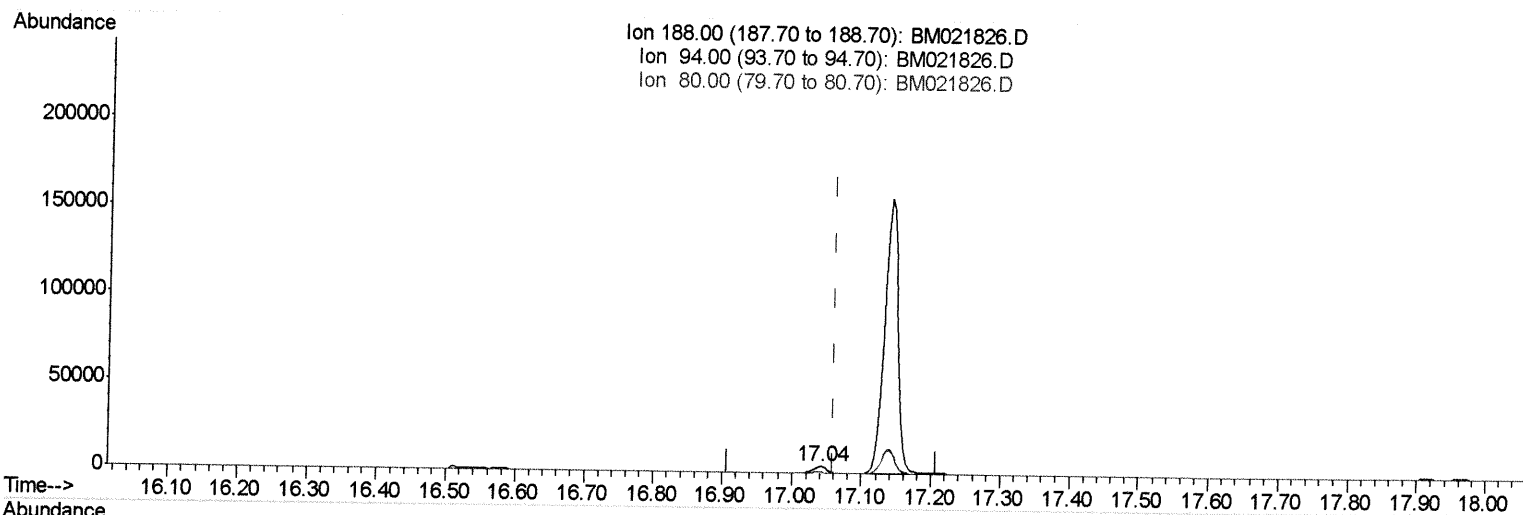
Data File : BM021826.D
Acq On : 05 Aug 2019 00:30
Operator : HP/JU
Sample : K3863-15
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A52F2

Manual Integrations
APPROVED

mohammad
8/5/2019 10:16:30 PM

Quant Time: Aug 05 08:24:07 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 08:19:16 2019
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.041 min (-0.017) 0.40 ng/ul m JU 08/05/19

response 5478

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	11.68
80.00	11.40	12.51
0.00	0.00	0.00

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

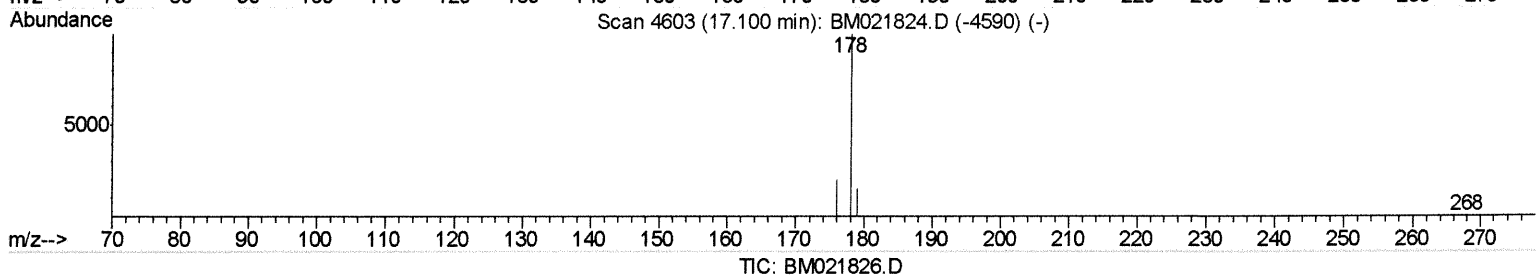
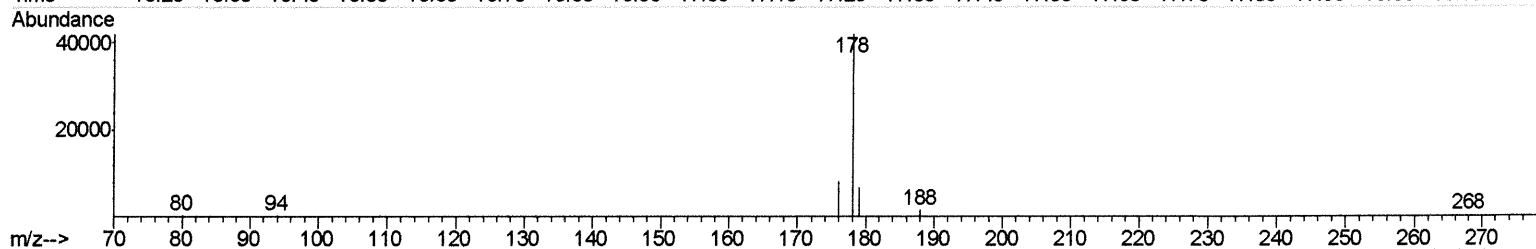
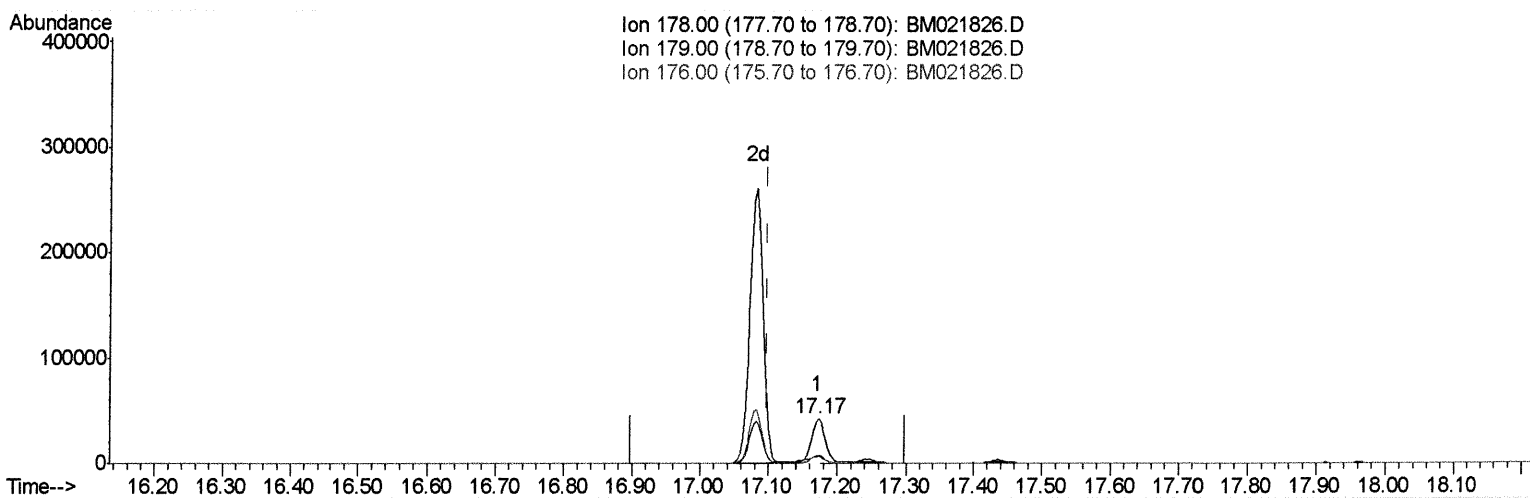
Data File : BM021826.D
Acq On : 05 Aug 2019 00:30
Operator : HP/JU
Sample : K3863-15
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A52F2

Manual Integrations
APPROVED

mohammad
8/5/2019 10:16:30 PM

Quant Time: Aug 05 08:31:16 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 08:19:16 2019
Response via : Initial Calibration



(12) Phenanthrene

17.173min (+0.073) 3.63ng/ul

response 57828

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	16.22
176.00	21.00	19.08
0.00	0.00	0.00

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

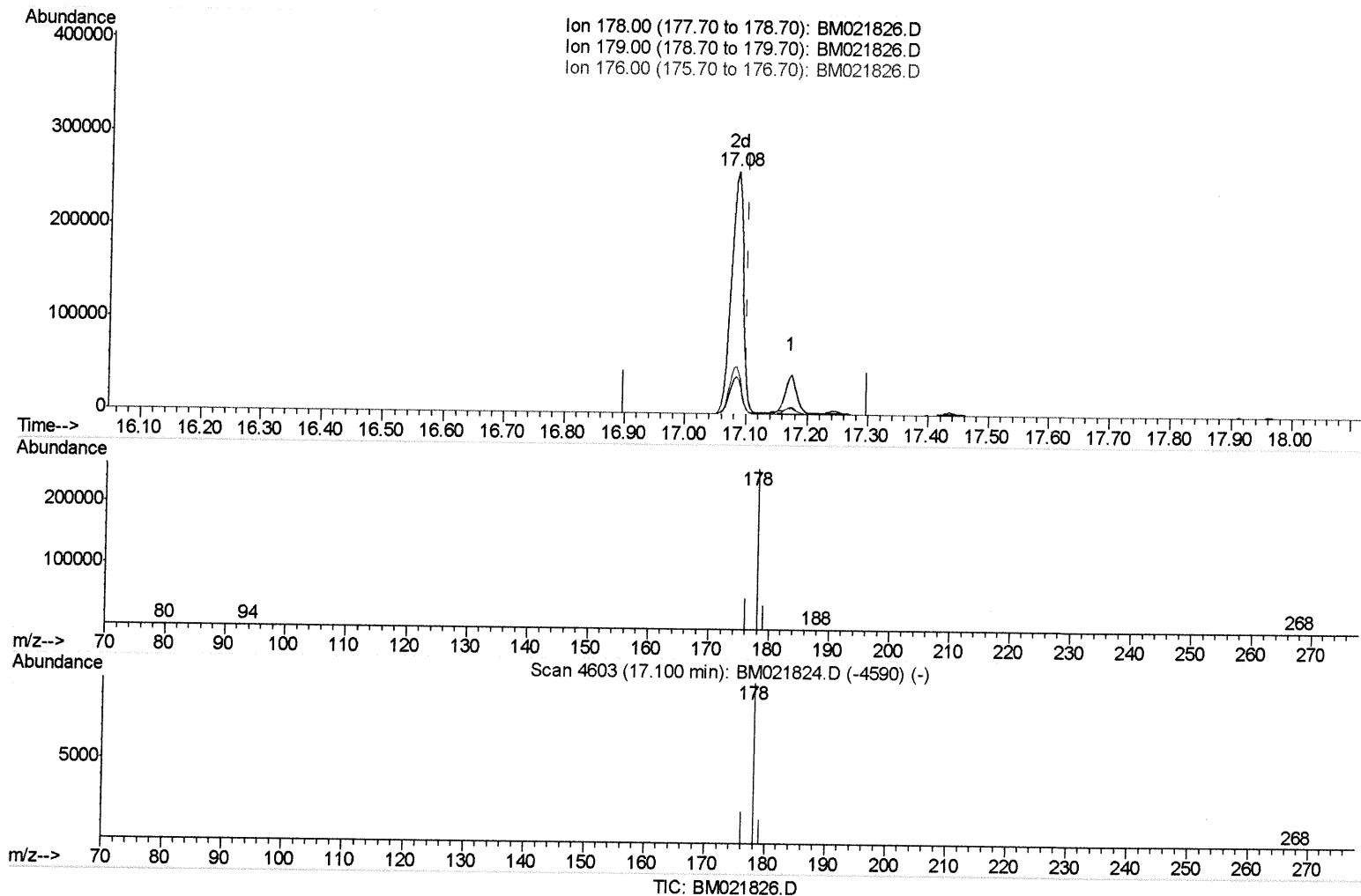
Data File : BM021826.D
Acq On : 05 Aug 2019 00:30
Operator : HP/JU
Sample : K3863-15
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A52F2

Manual Integrations
APPROVED

mohammad
8/5/2019 10:16:30 PM

Quant Time: Aug 05 08:31:16 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 08:19:16 2019
Response via : Initial Calibration



(12) Phenanthrene

17.083min (-0.017) 22.28ng/ul m *JU 05/05/19*

response 355115

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	15.42
176.00	21.00	19.44
0.00	0.00	0.00

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

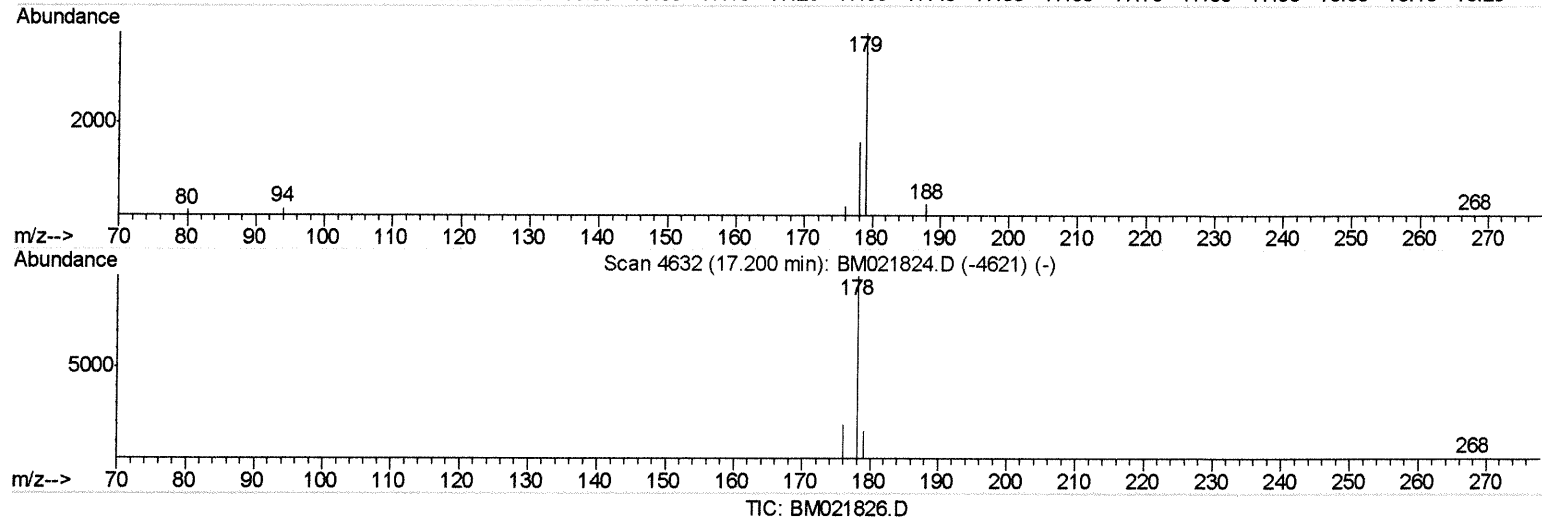
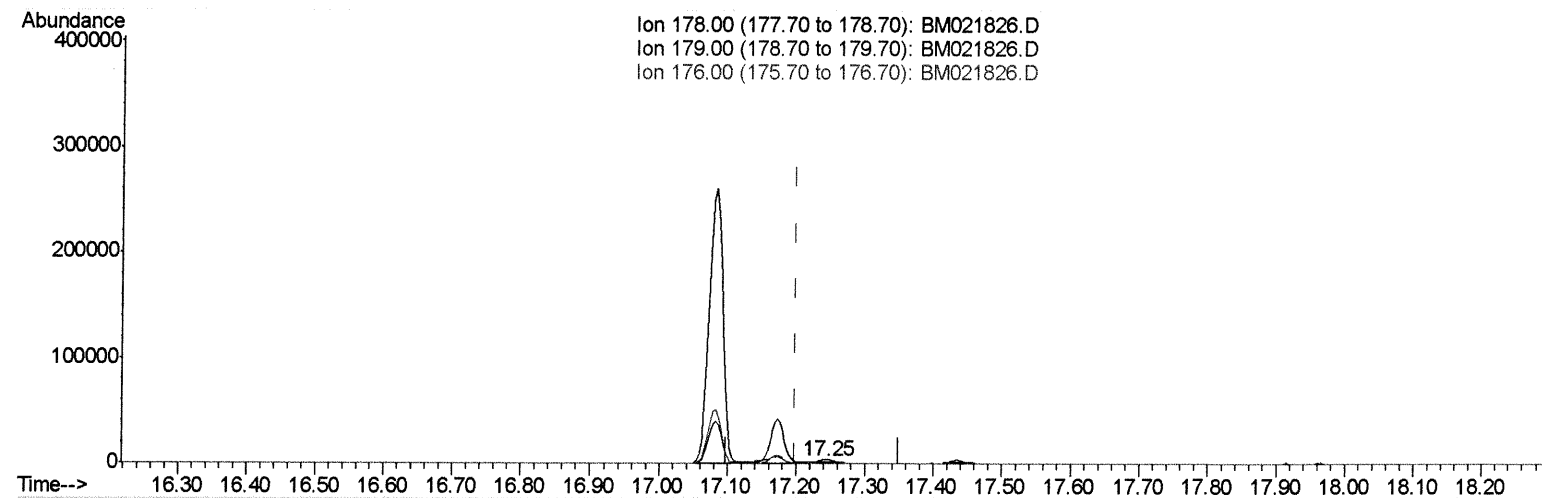
Data File : BM021826.D
Acq On : 05 Aug 2019 00:30
Operator : HP/JU
Sample : K3863-15
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A52F2

Manual Integrations
APPROVED

mohammad
8/5/2019 10:16:30 PM

Quant Time: Aug 05 08:31:16 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 08:19:16 2019
Response via : Initial Calibration



(13) Anthracene

17.246min (+0.045) 0.15ng/ul

response 2056

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	243.26#
176.00	20.80	15.30#
0.00	0.00	0.00

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

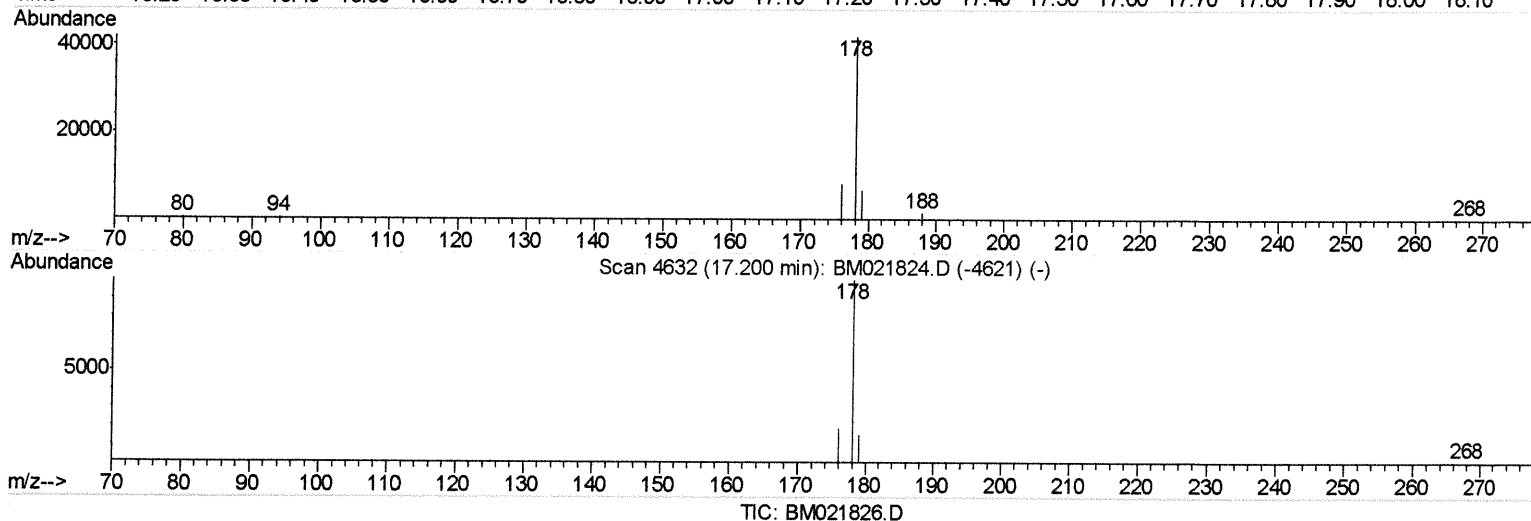
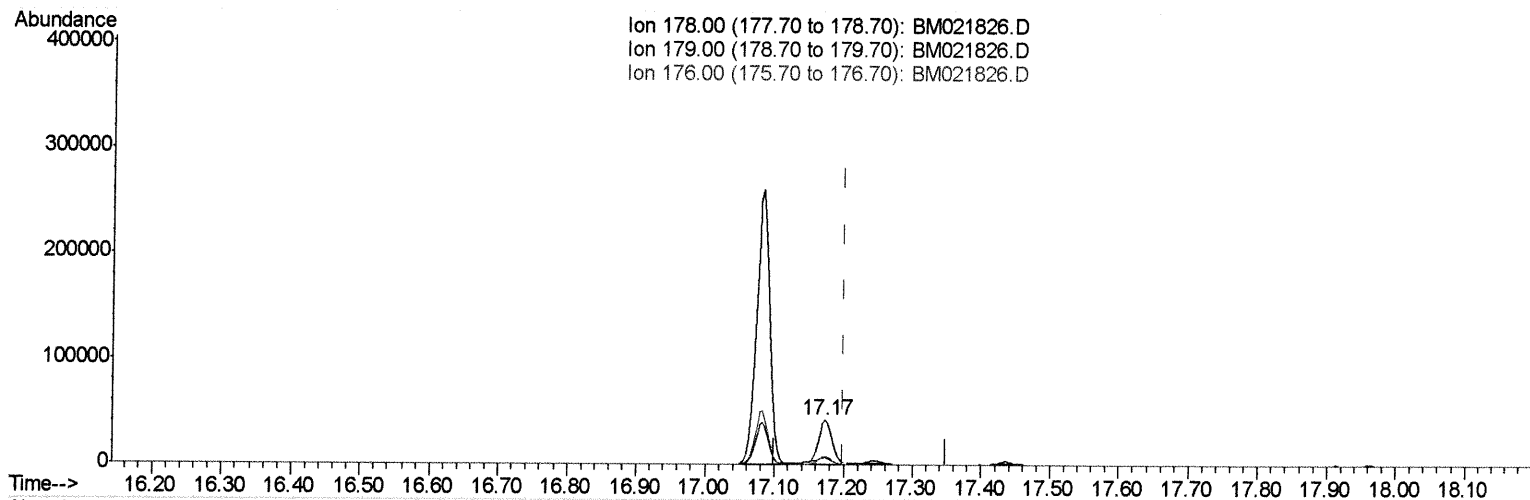
Data File : BM021826.D
Acq On : 05 Aug 2019 00:30
Operator : HP/JU
Sample : K3863-15
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A52F2

Manual Integrations
APPROVED

mohammad
8/5/2019 10:16:30 PM

Quant Time: Aug 05 08:31:16 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 08:19:16 2019
Response via : Initial Calibration



(13) Anthracene

17.173min (-0.028) 4.15ng/ul m *Ju 08/05/19*

response 56418

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	16.22
176.00	20.80	19.08
0.00	0.00	0.00

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

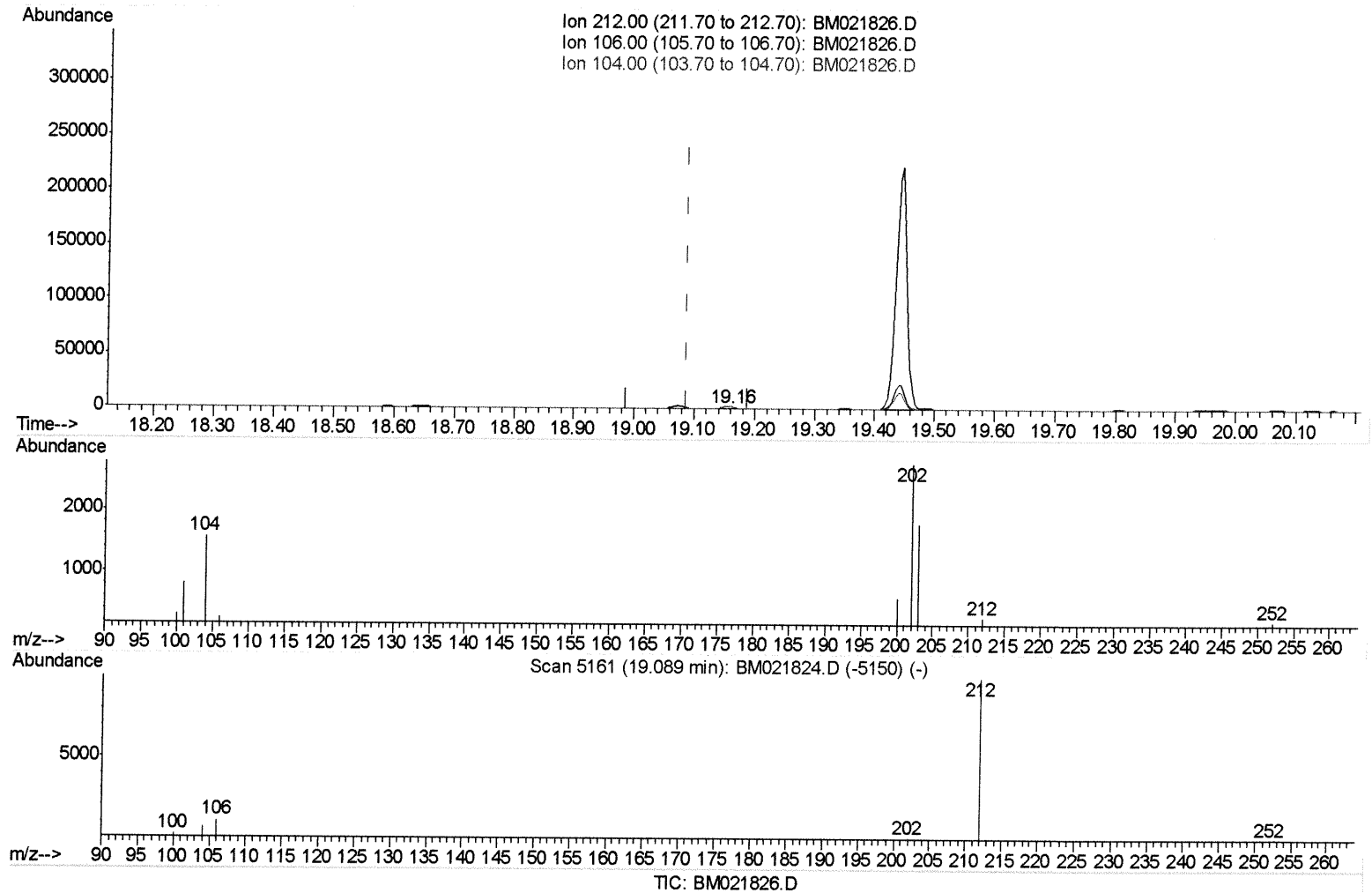
Data File : BM021826.D
Acq On : 05 Aug 2019 00:30
Operator : HP/JU
Sample : K3863-15
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A52F2

Manual Integrations
APPROVED

mohammad
8/5/2019 10:16:30 PM

Quant Time: Aug 05 08:31:16 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 08:19:16 2019
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.161min (+0.073) 0.01ng/ul

response 204

Ion	Exp%	Act%
212.00	100	100
106.00	9.90	12.25#
104.00	6.00	1254.90#
0.00	0.00	0.00

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

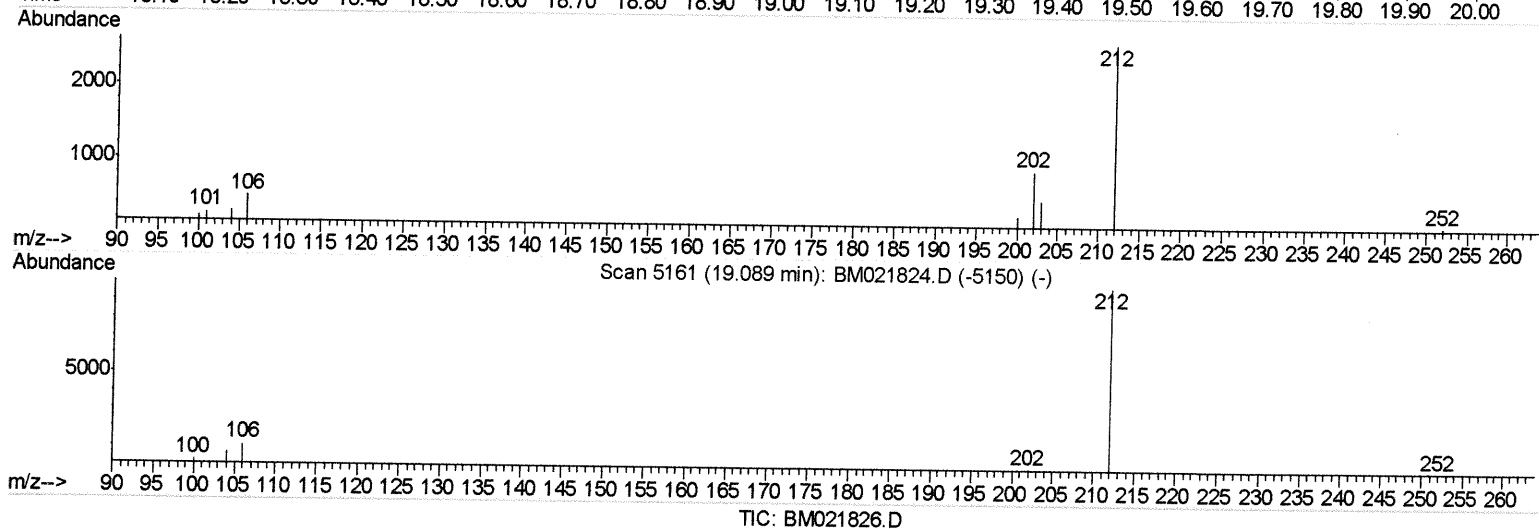
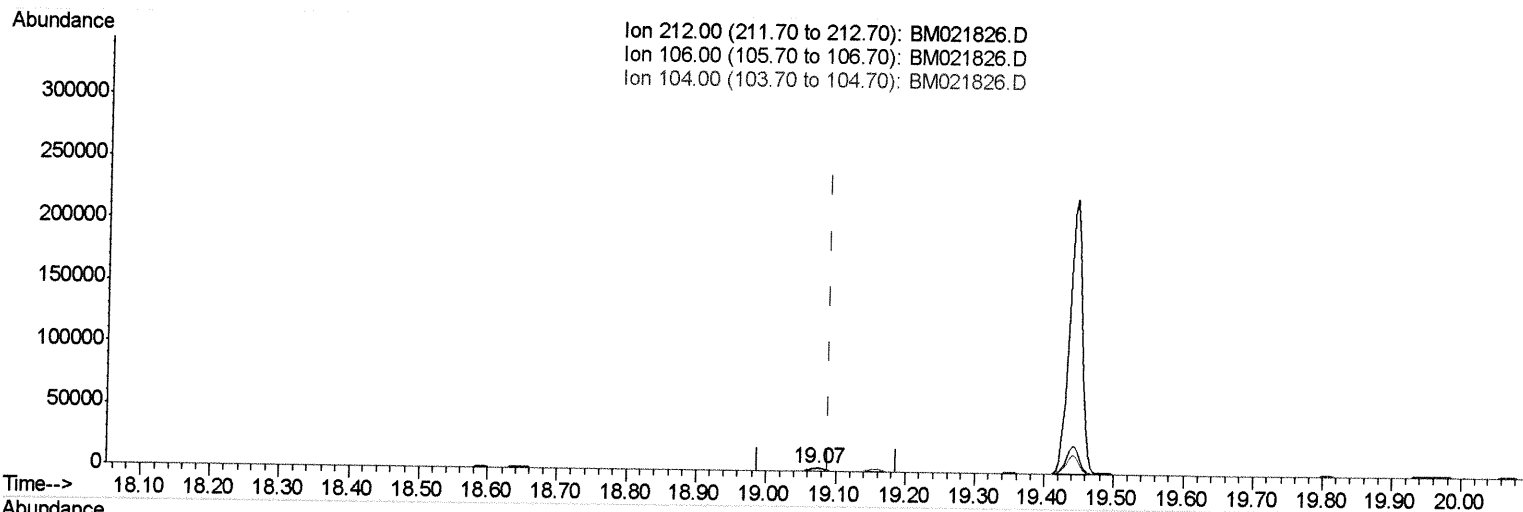
Data File : BM021826.D
Acq On : 05 Aug 2019 00:30
Operator : HP/JU
Sample : K3863-15
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A52F2

Manual Integrations
APPROVED

mohammad
8/5/2019 10:16:30 PM

Quant Time: Aug 05 08:31:16 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 08:19:16 2019
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.073min (-0.015) 0.21ng/ul m

JU
05/05/19

response 3824

Ion	Exp%	Act%
212.00	100	100
106.00	9.90	0.65#
104.00	6.00	66.95#
0.00	0.00	0.00

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

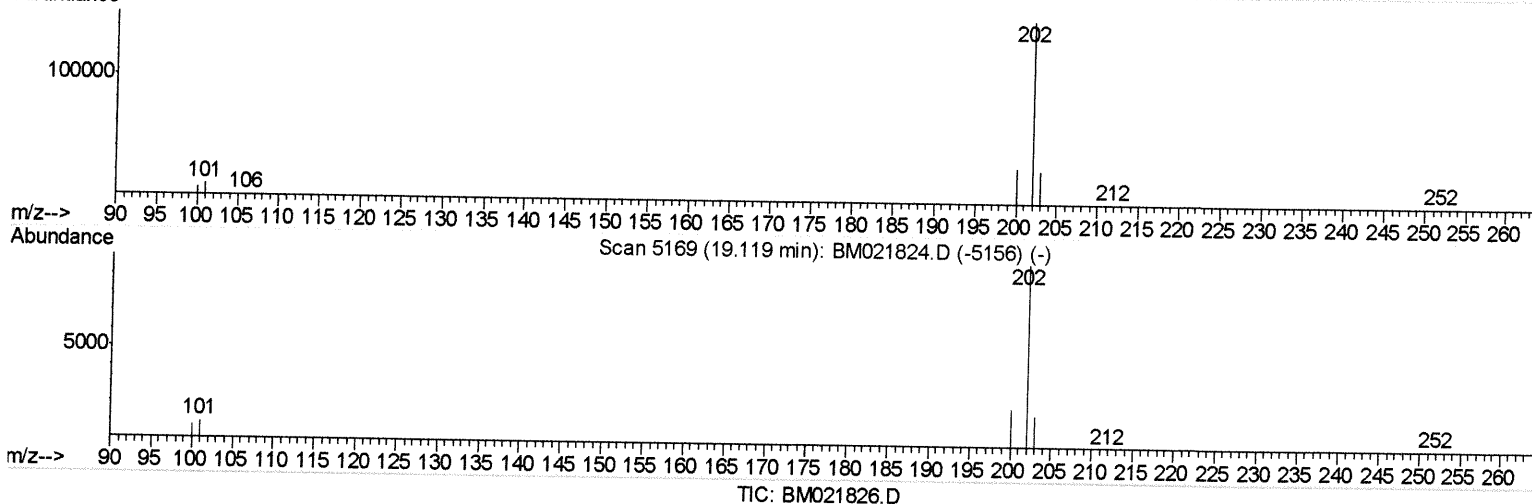
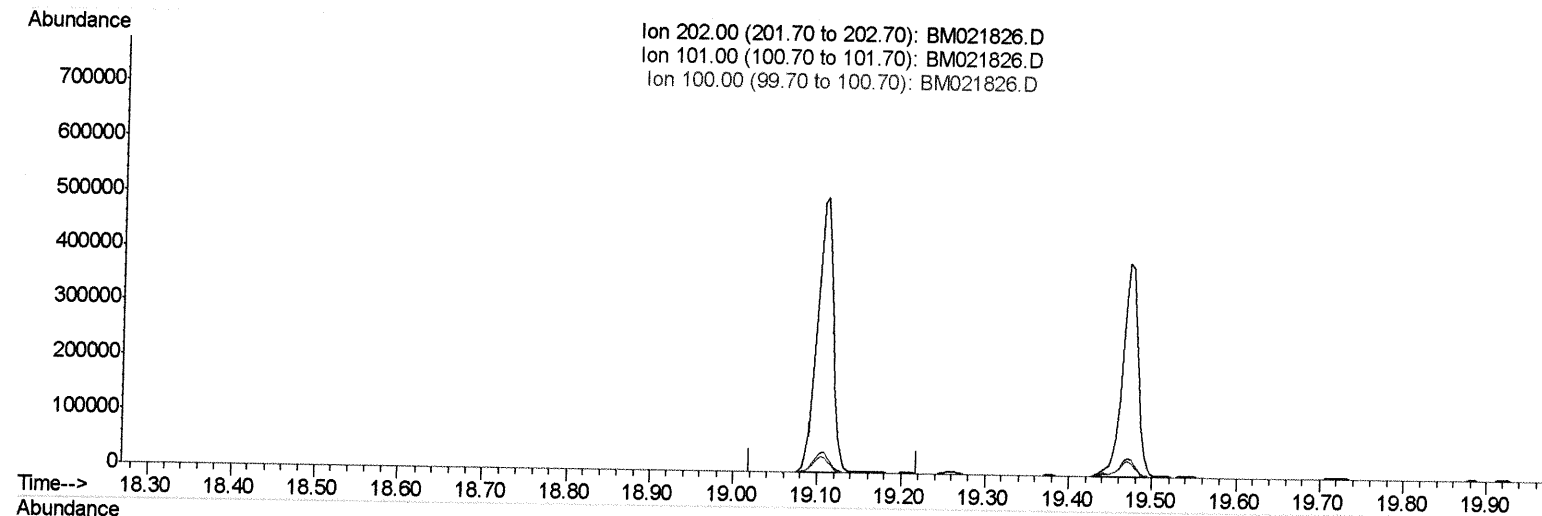
Data File : BM021826.D
Acq On : 05 Aug 2019 00:30
Operator : HP/JU
Sample : K3863-15
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A52F2

Manual Integrations
APPROVED

mohammad
8/5/2019 10:16:30 PM

Quant Time: Aug 05 08:31:16 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 08:19:16 2019
Response via : Initial Calibration



(15) Fluoranthene (C)

19.119min (-19.119) 0.00ng/ul

response 0

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

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

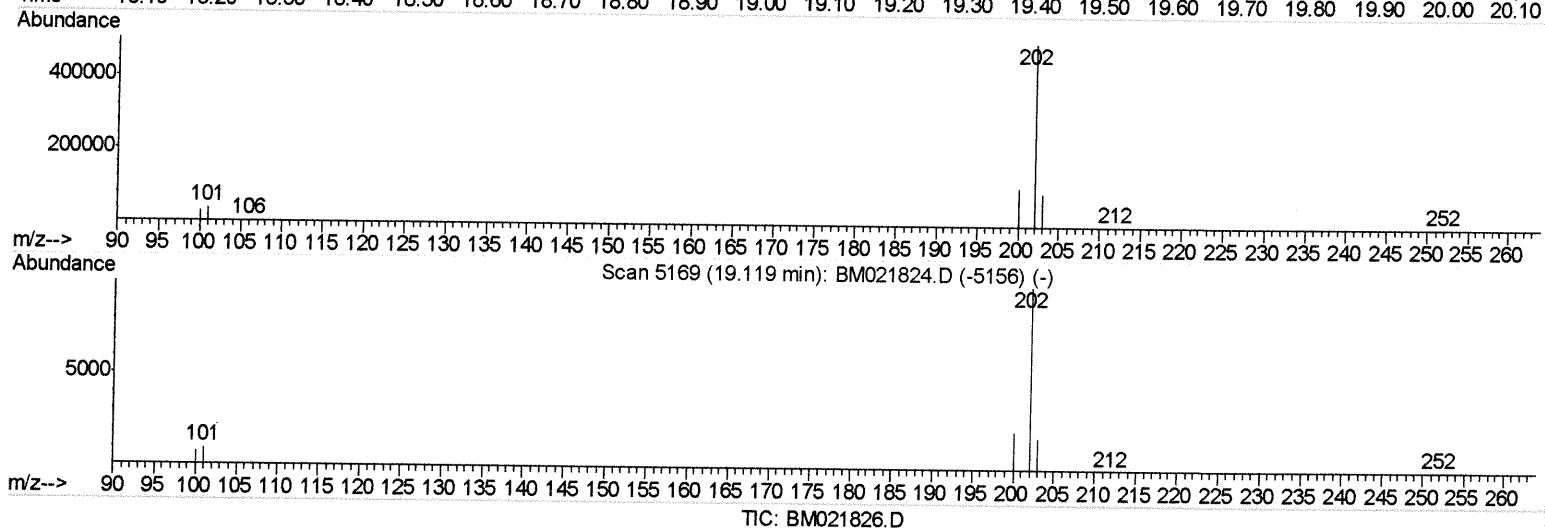
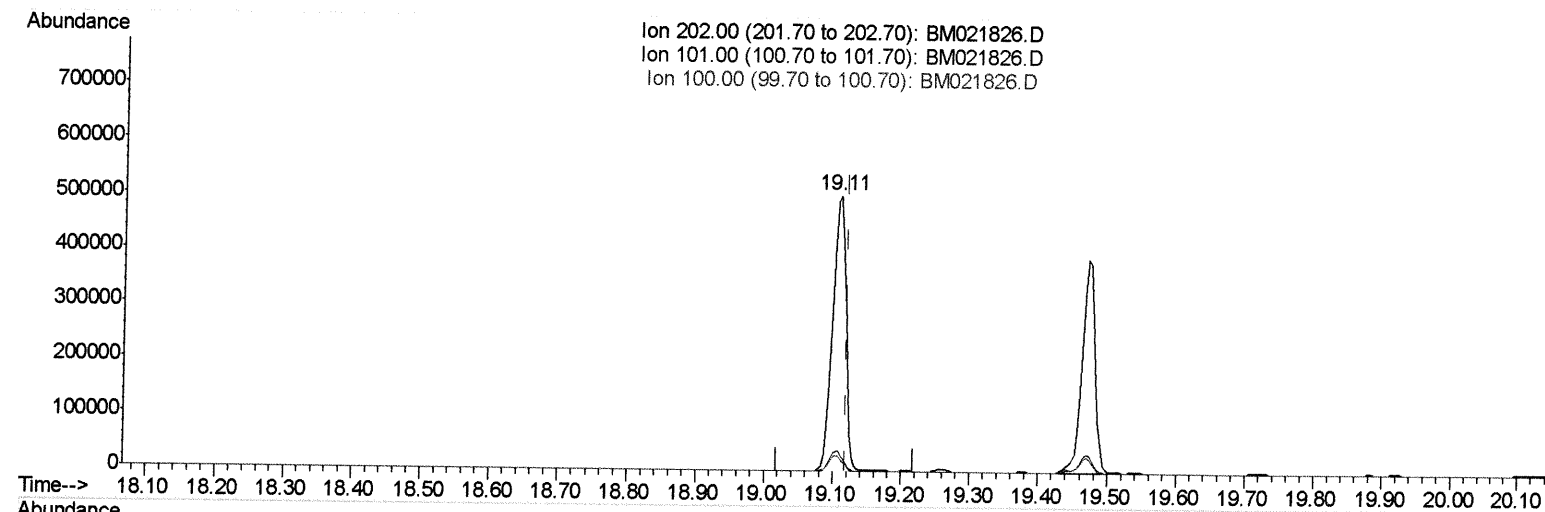
Data File : BM021826.D
Acq On : 05 Aug 2019 00:30
Operator : HP/JU
Sample : K3863-15
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A52F2

Manual Integrations
APPROVED

mohammad
8/5/2019 10:16:30 PM

Quant Time: Aug 05 08:31:16 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 08:19:16 2019
Response via : Initial Calibration



(15) Fluoranthene (C)

19.108min (-0.011) 31.14ng/ul m *JU* 05/05/19

response 664891

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	7.21
100.00	8.10	5.55
0.00	0.00	0.00

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

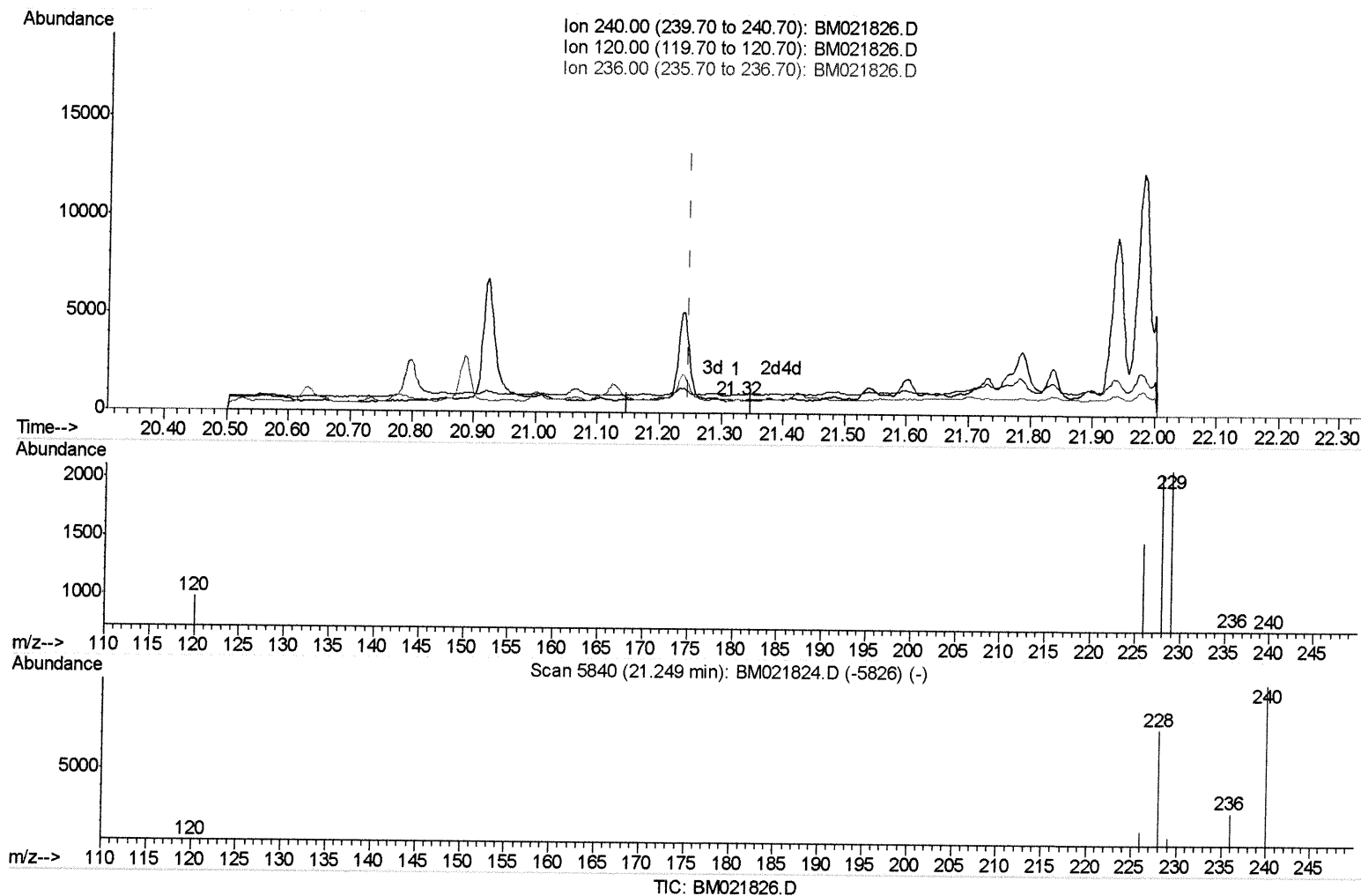
Data File : BM021826.D
Acq On : 05 Aug 2019 00:30
Operator : HP/JU
Sample : K3863-15
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A52F2

Manual Integrations
APPROVED

mohammad
8/5/2019 10:16:30 PM

Quant Time: Aug 05 08:31:16 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 08:19:16 2019
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.324min (+0.075) 0.40ng/ul

response 89

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	134.80#
236.00	32.30	100.69#
0.00	0.00	0.00

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

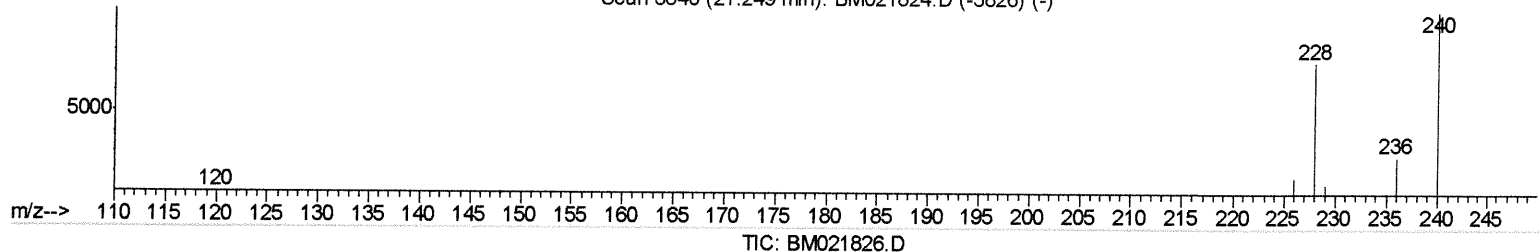
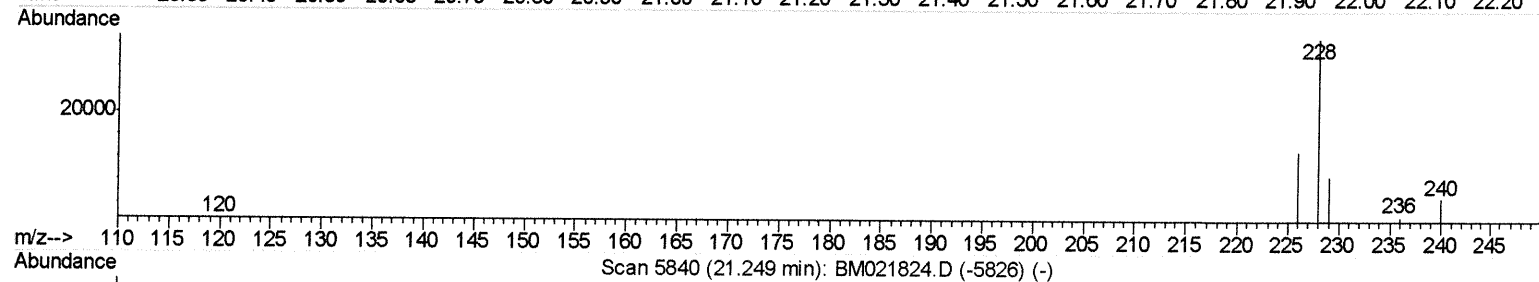
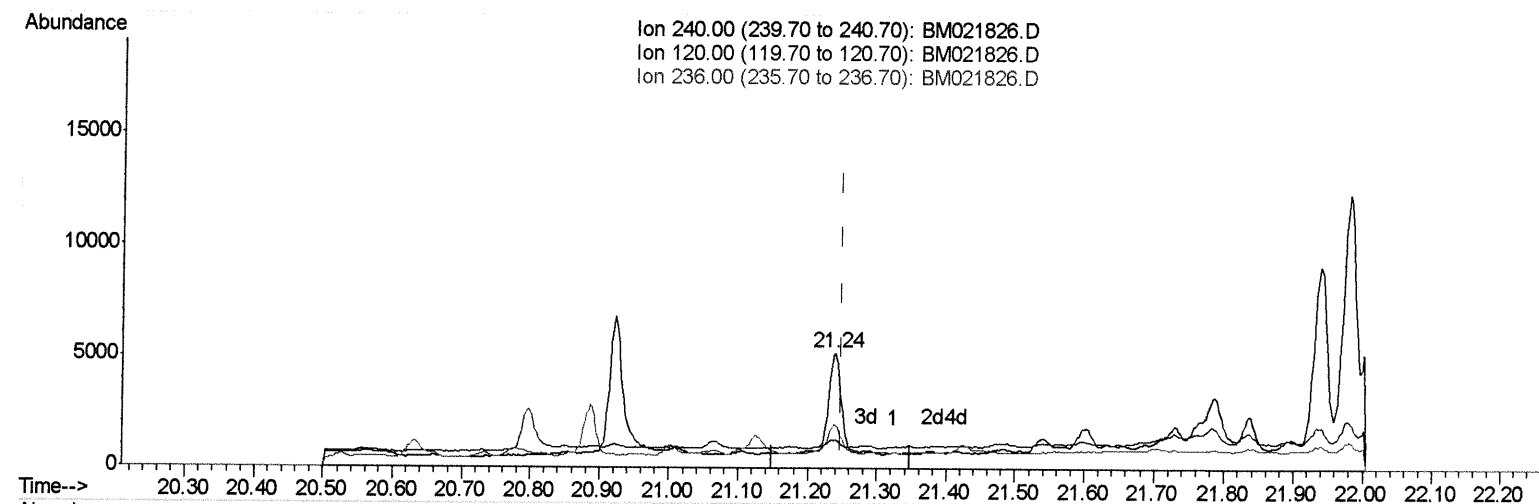
Data File : BM021826.D
Acq On : 05 Aug 2019 00:30
Operator : HP/JU
Sample : K3863-15
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A52F2

Manual Integrations
APPROVED

mohammad
8/5/2019 10:16:30 PM

Quant Time: Aug 05 08:31:16 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 08:19:16 2019
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.239min (-0.010) 0.40ng/ul m *JU 05/05/19*

response 5494

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	24.50#
236.00	32.30	38.03
0.00	0.00	0.00

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

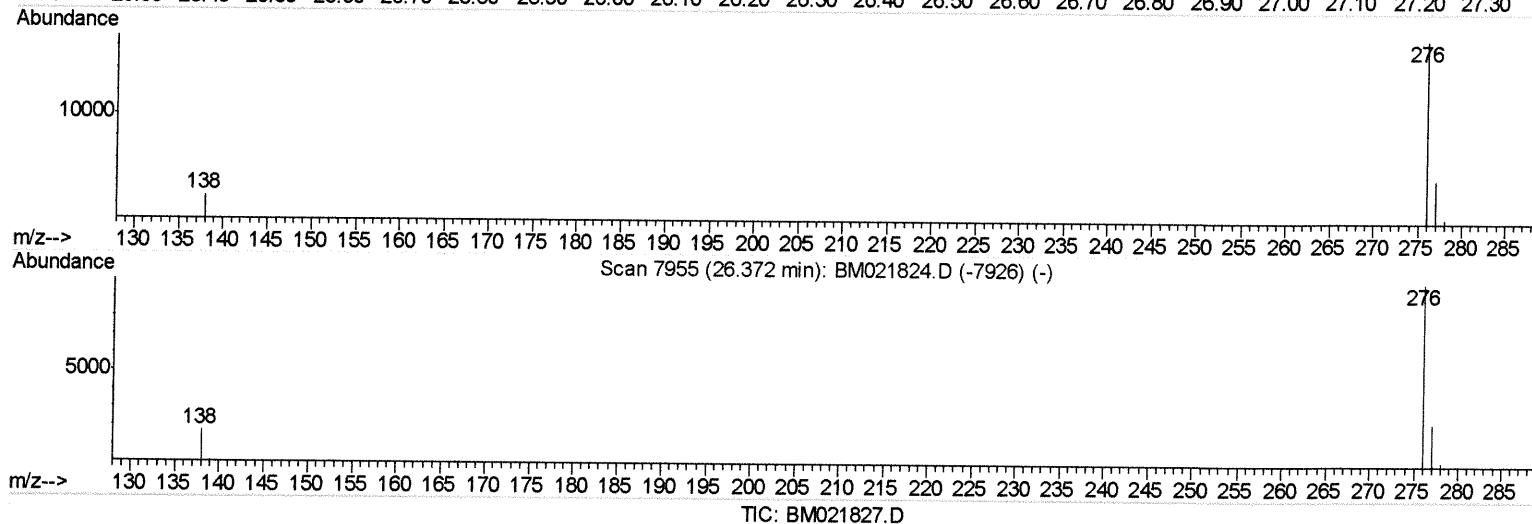
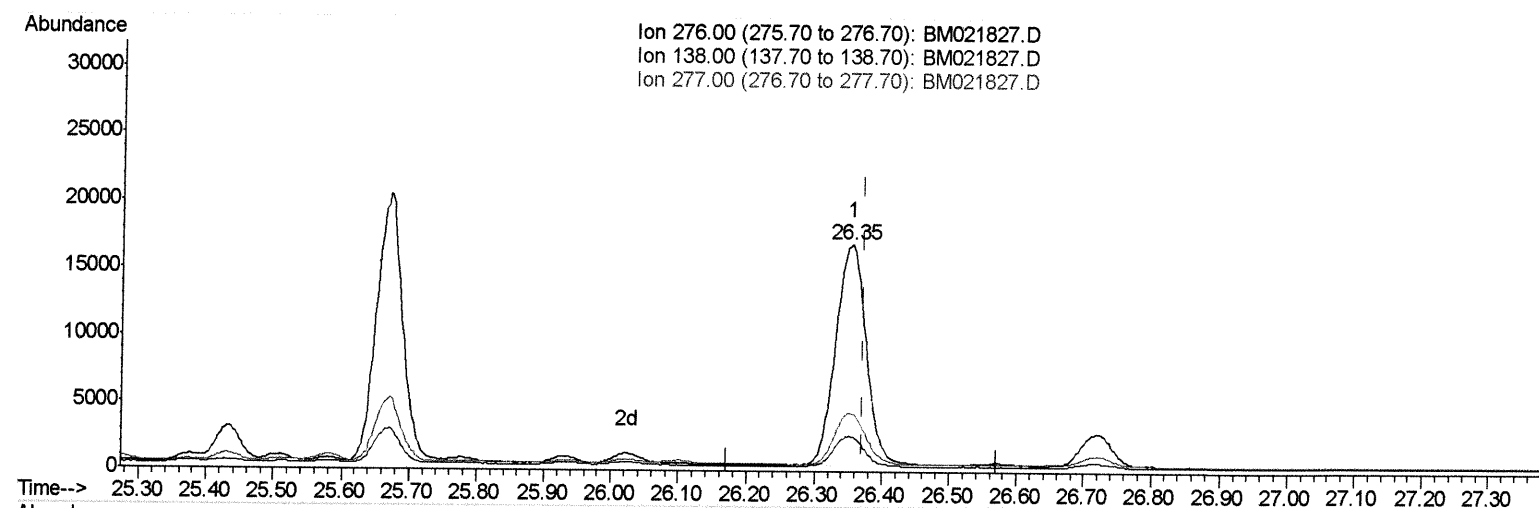
Data File : BM021827.D
Acq On : 05 Aug 2019 01:06
Operator : HP/JU
Sample : K3863-12
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
A52F2

Manual Integrations
APPROVED

mohammad
8/5/2019 10:16:30 PM

Quant Time: Aug 05 08:41:12 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 08:19:16 2019
Response via : Initial Calibration



(26) Benzo(g,h,i)perylene

26.355min (-0.017) 1.58ng/ul

response 48354

Ion	Exp%	Act%
276.00	100	100
138.00	19.40	15.55
277.00	26.80	25.95
0.00	0.00	0.00

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

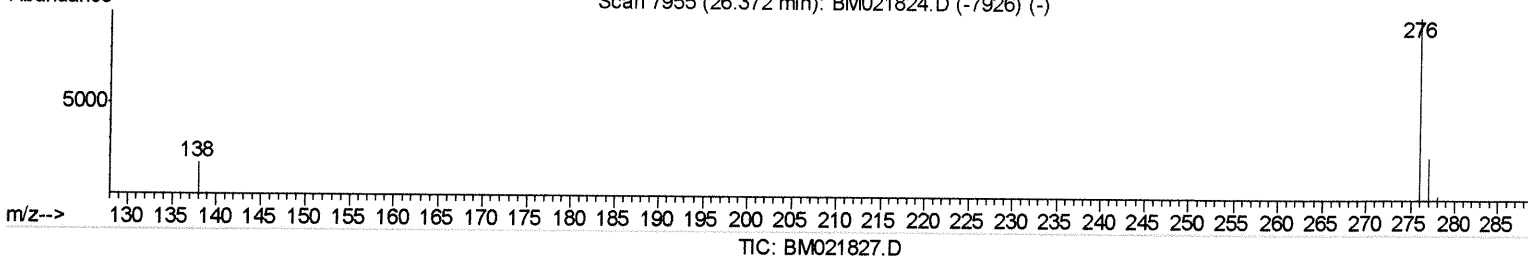
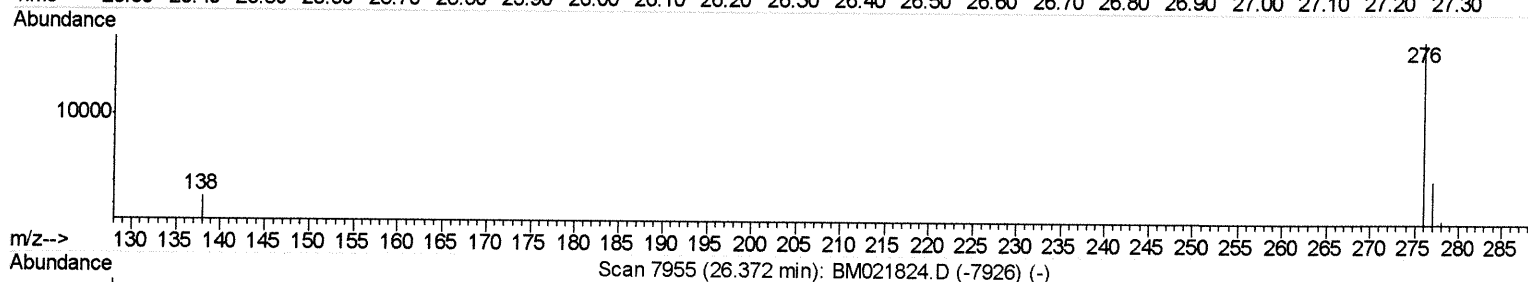
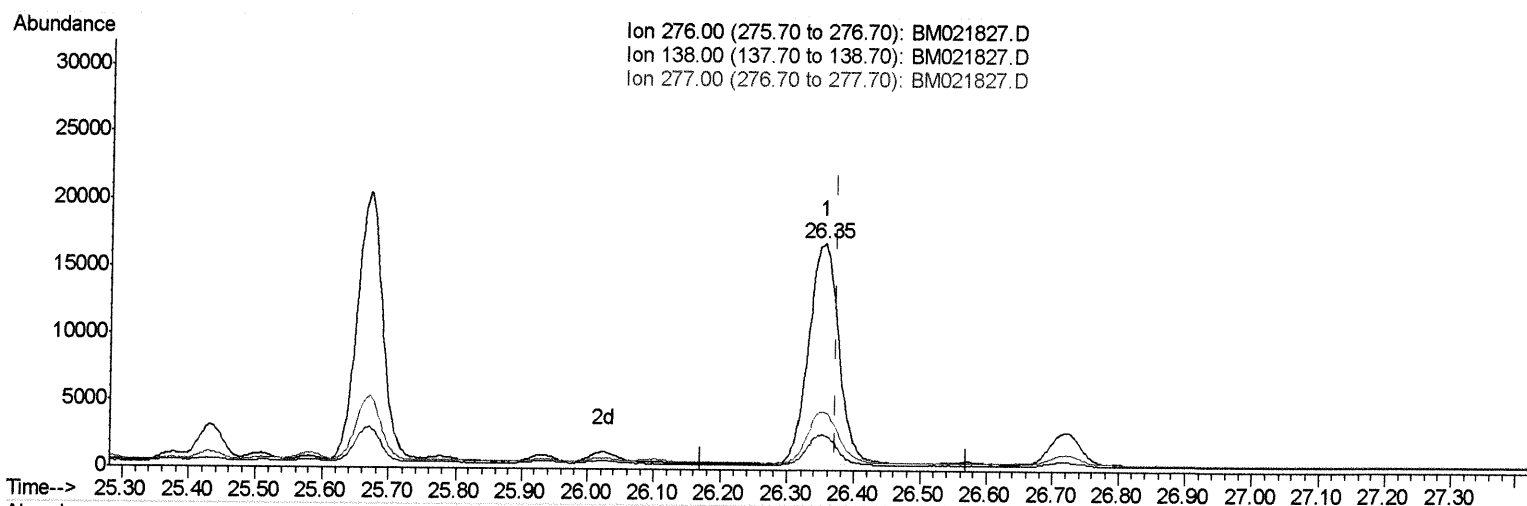
Data File : BM021827.D
Acq On : 05 Aug 2019 01:06
Operator : HP/JU
Sample : K3863-12
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
A52F2

Manual Integrations
APPROVED

mohammad
8/5/2019 10:16:30 PM

Quant Time: Aug 05 08:41:12 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 08:19:16 2019
Response via : Initial Calibration



(26) Benzo(g,h,i)perylene

26.355min (-0.017) 1.71ng/ul m *JU 8/5/2019*

response 52118

Ion	Exp%	Act%
276.00	100	100
138.00	19.40	15.55
277.00	26.80	25.95
0.00	0.00	0.00

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

Data File : BM021827.D
Acq On : 05 Aug 2019 01:06
Operator : HP/JU
Sample : K3863-12
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A52F2

Manual Integrations
APPROVED

mohammad
8/5/2019 10:16:30 PM

Quant Time: Aug 05 08:43:06 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 08:19:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	1230	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	4941	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.29	164	2824	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	7088m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.24	240	7288m	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	8278m	0.40	ng/ul	-0.01

Ju
08/05/19

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.02	152	1218	0.15	ng/ul	-0.02
14) Fluoranthene-d10	19.08	212	5628m	0.24	ng/ul	-0.01

Ju 08/05/19

Target Compounds

					Qvalue
7) Acenaphthylene	14.01	152	1265	0.096	ng/ul# 93
8) Acenaphthene	14.35	153	360	0.033	ng/ul 93
9) Fluorene	15.34	166	714	0.060	ng/ul# 96
12) Phenanthrene	17.08	178	38633	1.873	ng/ul 97
13) Anthracene	17.17	178	3773m	0.214	ng/ul } Ju 08/05/19
15) Fluoranthene	19.11	202	144087m	5.215	ng/ul
17) Pyrene	19.47	202	117494	3.923	ng/ul 97
18) Benzo(a)anthracene	21.22	228	49626	1.904	ng/ul 98
19) Chrysene	21.27	228	73739	2.199	ng/ul 98
21) Benzo(b)fluoranthene	22.79	252	103034m	3.691	ng/ul
22) Benzo(k)fluoranthene	22.83	252	38048m	1.204	ng/ul } Ju 08/05/19
23) Benzo(a)pyrene	23.36	252	60773m	2.141	ng/ul
24) Indeno(1,2,3-cd)pyrene	25.67	276	53573m	1.581	ng/ul
25) Dibenzo(a,h)anthracene	25.67	278	11996m	0.438	ng/ul
26) Benzo(g,h,i)perylene	26.35	276	52118m	1.708	ng/ul

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