

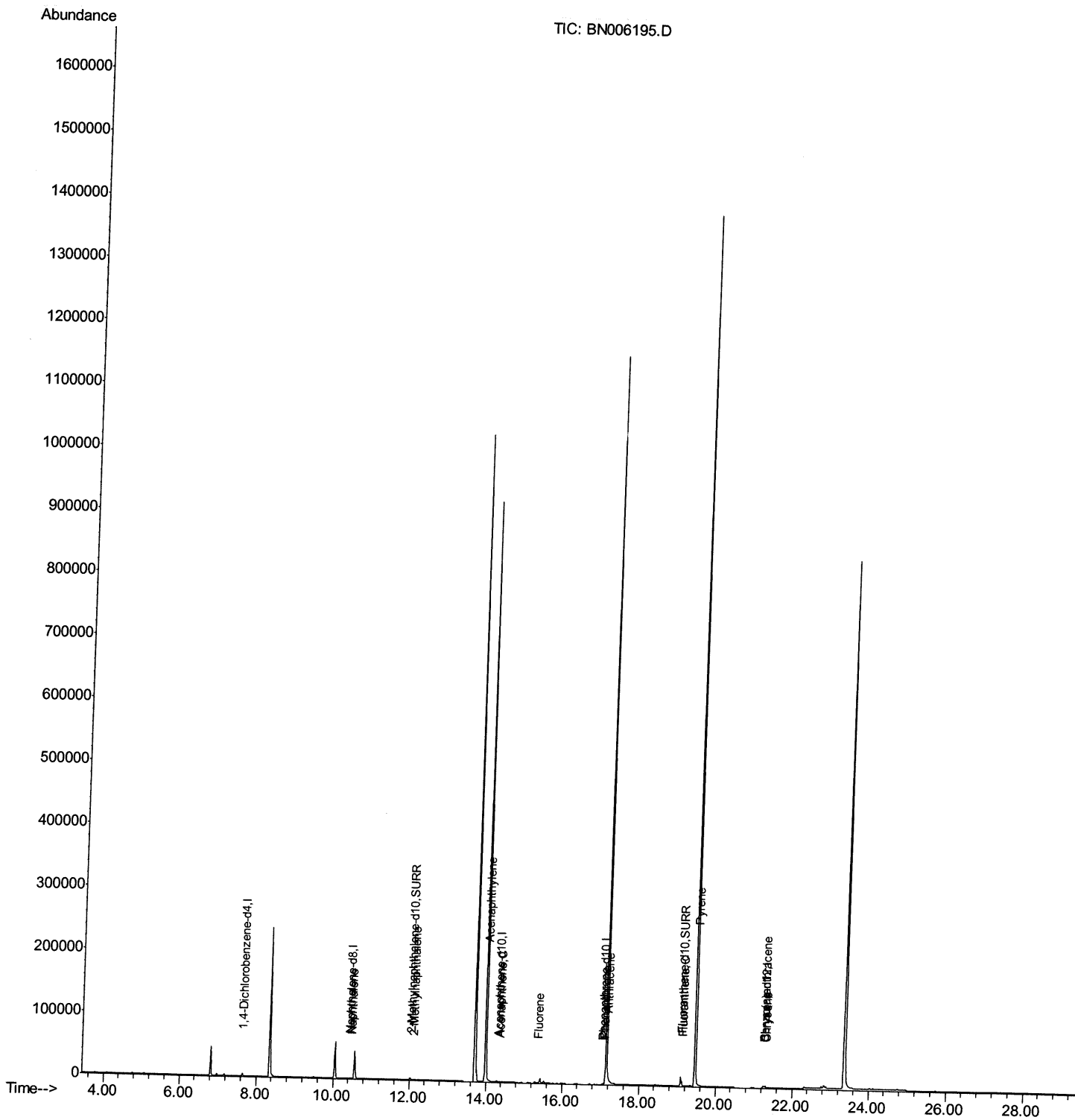
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060819\
Quantitation Report (QT Reviewed)
Data File : BN006195.D
Acq On : 08 Jun 2019 17:22
Operator : JU/SJ
Sample : K3016-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A51C8

Manual Integrations
APPROVED

mohammad
6/11/2019 4:31:03 PM

Quant Time: Jun 09 05:00:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 04:20:15 2019
Response via : Initial Calibration



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060819\
Quantitation Report (Qedit)

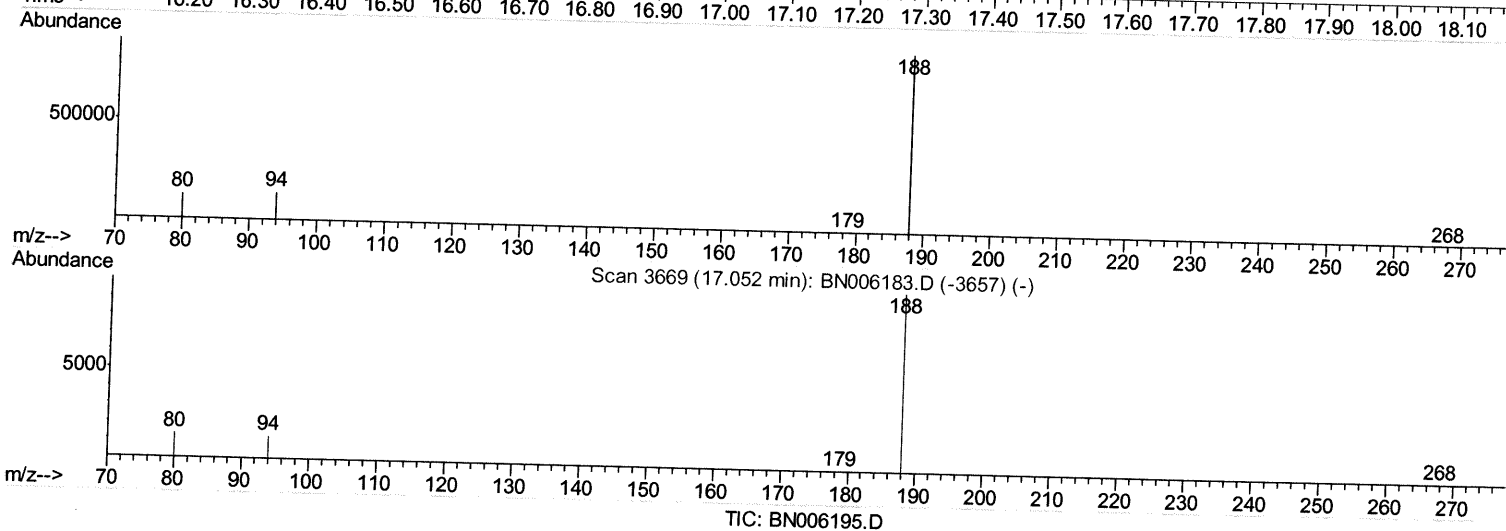
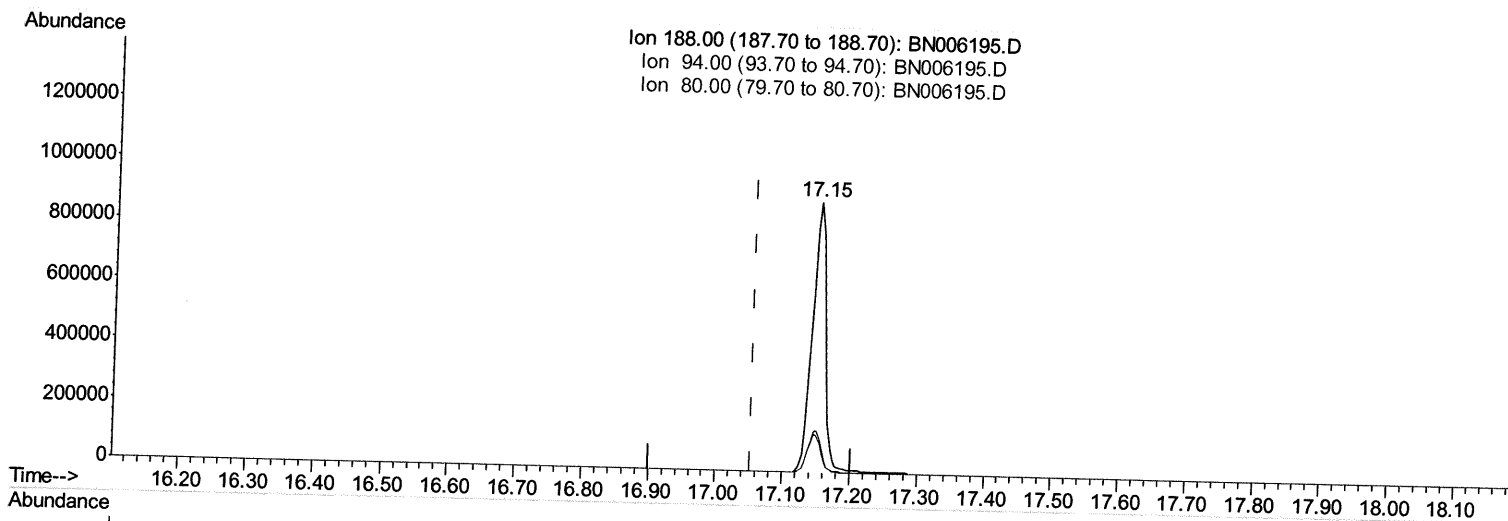
Data File : BN006195.D
Acq On : 08 Jun 2019 17:22
Operator : JU/SJ
Sample : K3016-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A51C8

Manual Integrations
APPROVED

mohammad
6/11/2019 4:31:03 PM

Quant Time: Jun 09 04:23:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 04:20:15 2019
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.149min (+0.097) 0.40ng/ul

response 1232621

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	15.29
80.00	13.60	13.81
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060819\
Quantitation Report (Qedit)

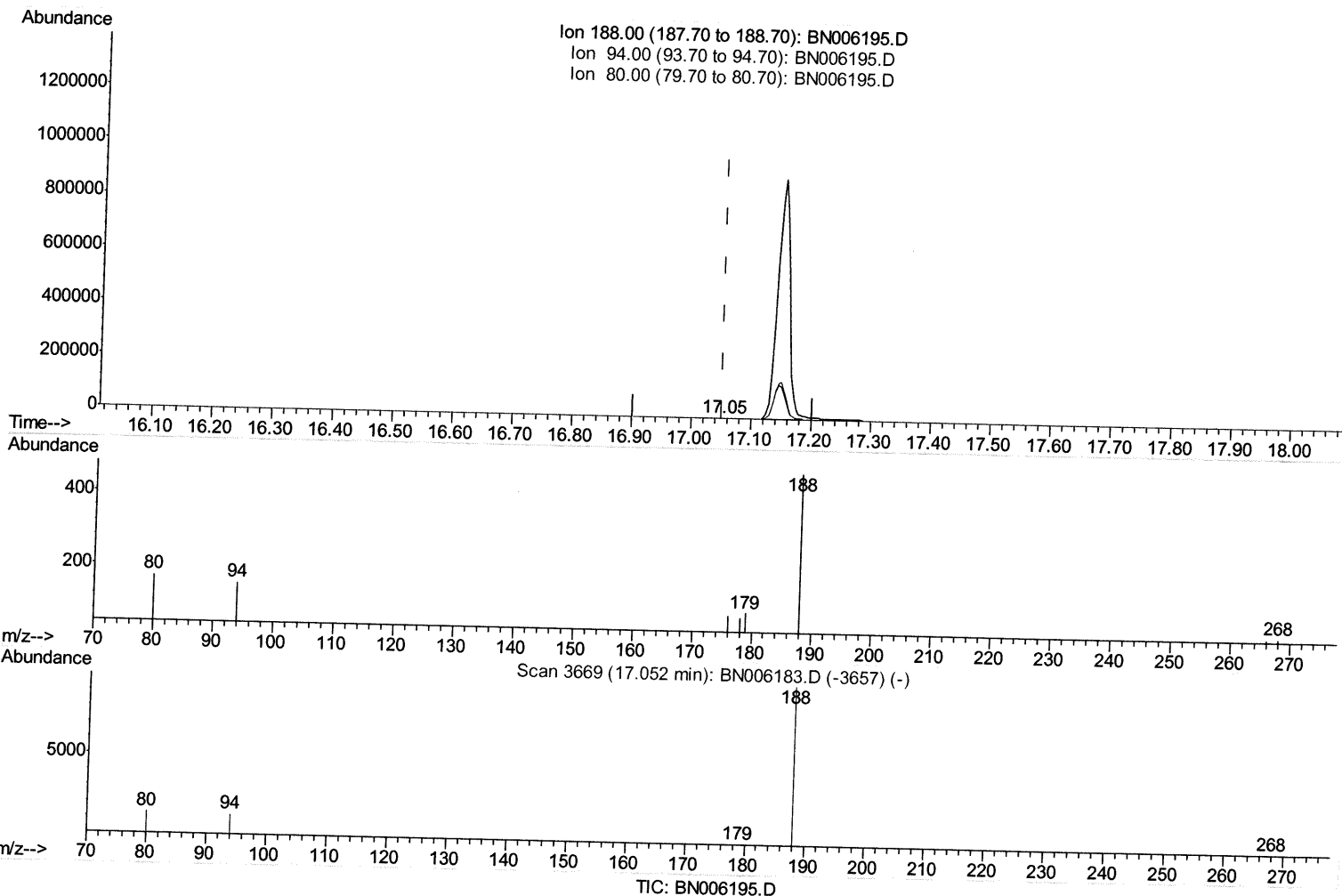
Data File : BN006195.D
Acq On : 08 Jun 2019 17:22
Operator : JU/SJ
Sample : K3016-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A51C8

Manual Integrations
APPROVED

mohammad
6/11/2019 4:31:03 PM

Quant Time: Jun 09 04:23:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 04:20:15 2019
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.052min (-0.000) 0.40ng/ul m 06/10/19

response 605

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	32.29#
80.00	13.60	35.83#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060819\
Quantitation Report (Qedit)

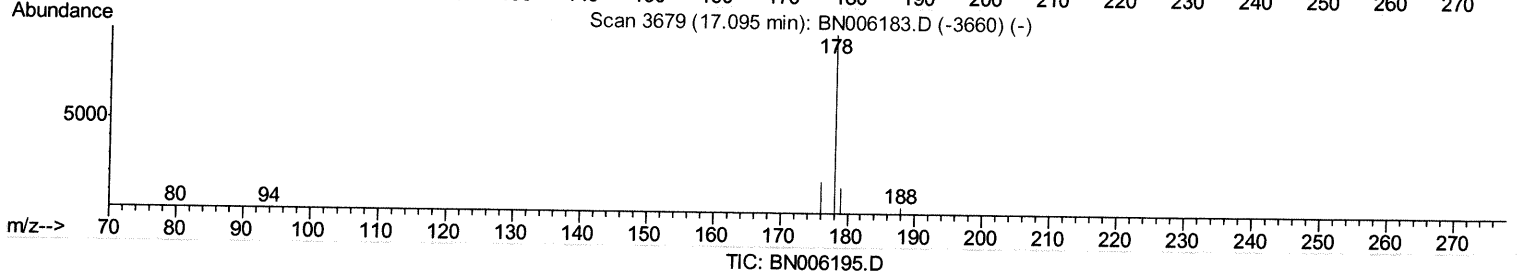
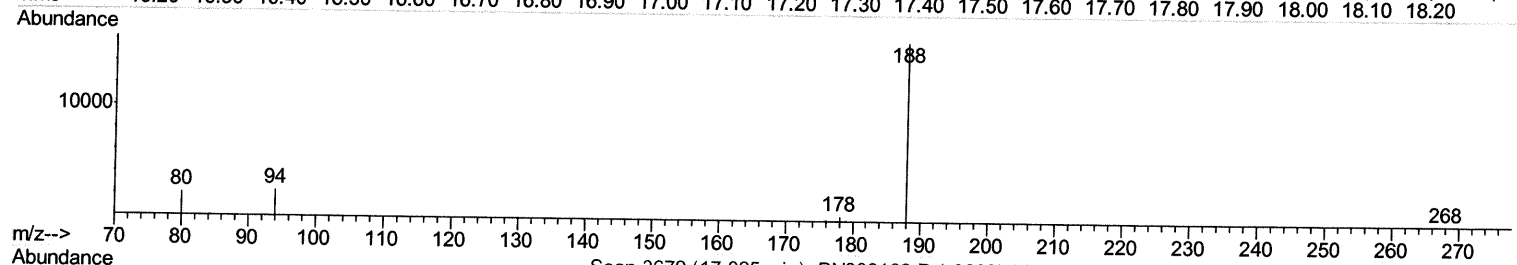
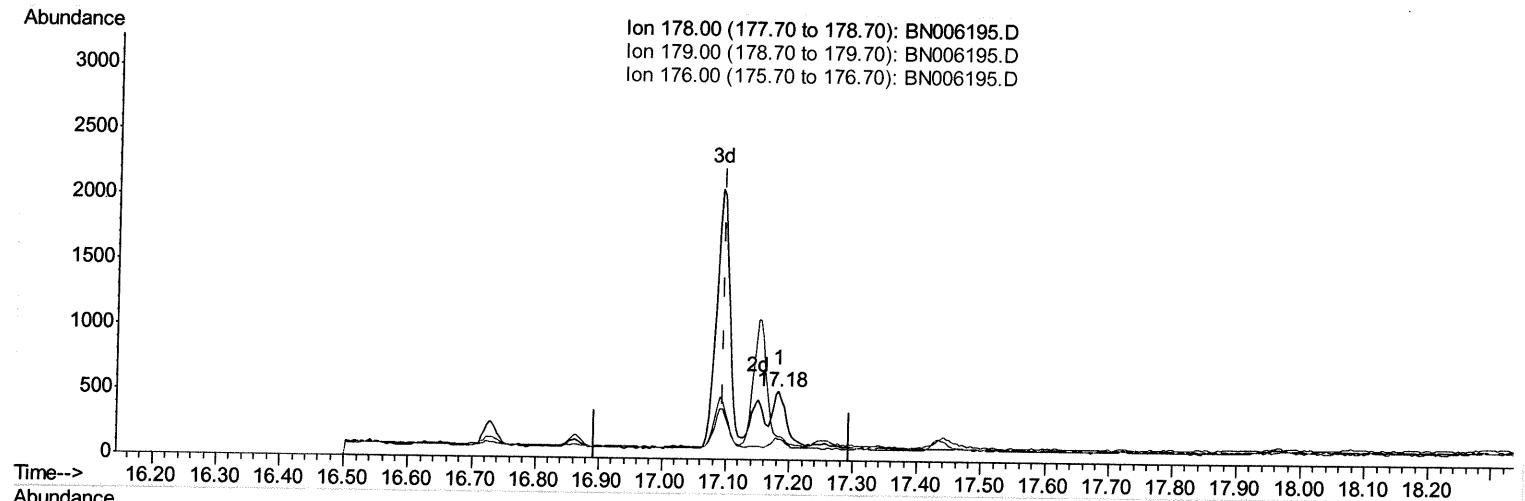
Data File : BN006195.D
Acq On : 08 Jun 2019 17:22
Operator : JU/SJ
Sample : K3016-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A51C8

Manual Integrations
APPROVED

mohammad
6/11/2019 4:31:03 PM

Quant Time: Jun 09 04:51:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 04:20:15 2019
Response via : Initial Calibration



(12) Phenanthrene

17.183min (+0.089) 0.40ng/ul

response 776

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	33.84#
176.00	19.10	30.81#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060819\
Quantitation Report (Qedit)

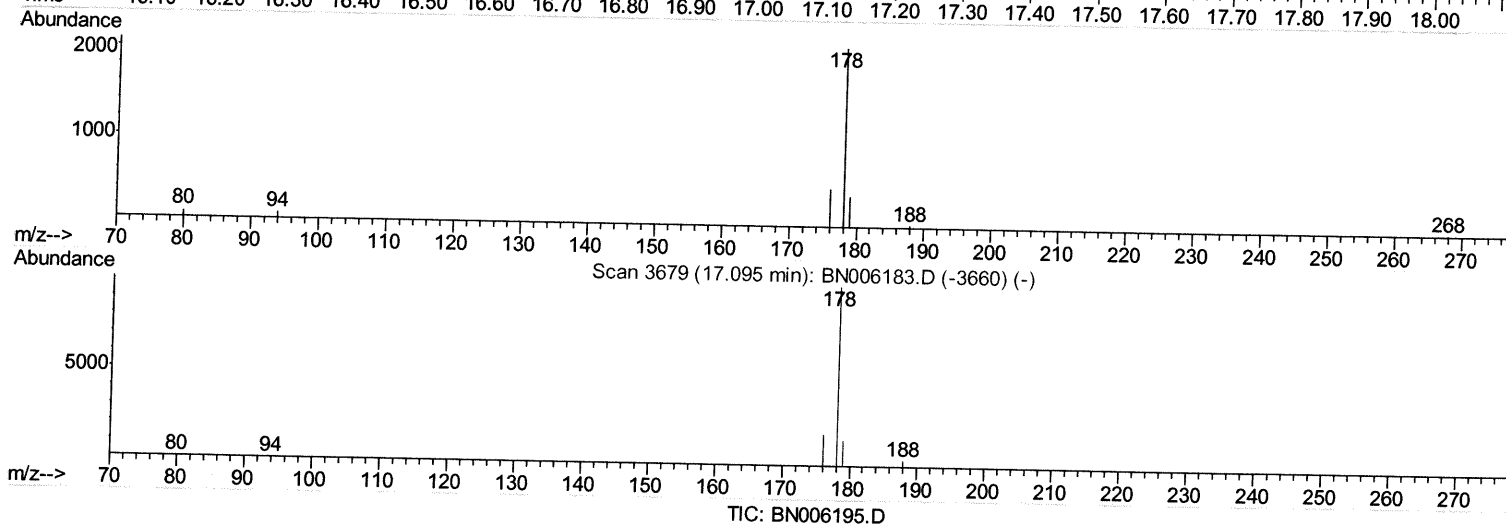
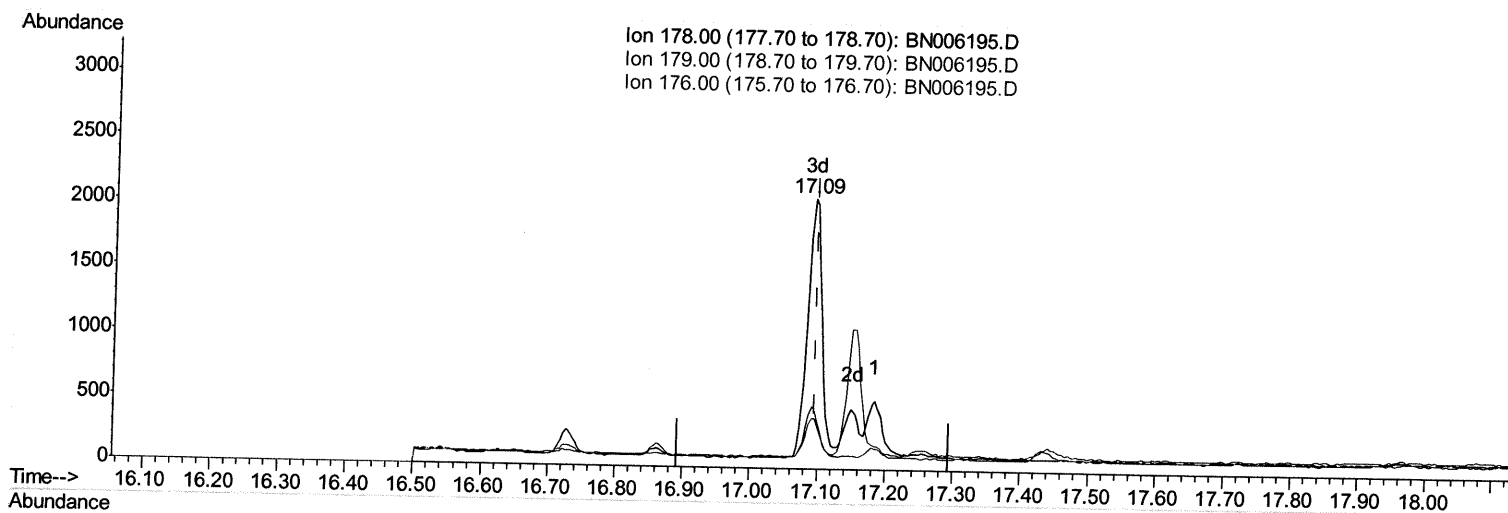
Data File : BN006195.D
Acq On : 08 Jun 2019 17:22
Operator : JU/SJ
Sample : K3016-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A51C8

Manual Integrations
APPROVED

mohammad
6/11/2019 4:31:03 PM

Quant Time: Jun 09 04:51:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 04:20:15 2019
Response via : Initial Calibration



(12) Phenanthrene

17.090min (-0.004) 1.50ng/ul m *JU 06/11/19*

response 2913

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	18.86#
176.00	19.10	23.33#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060819\
Quantitation Report (Qedit)

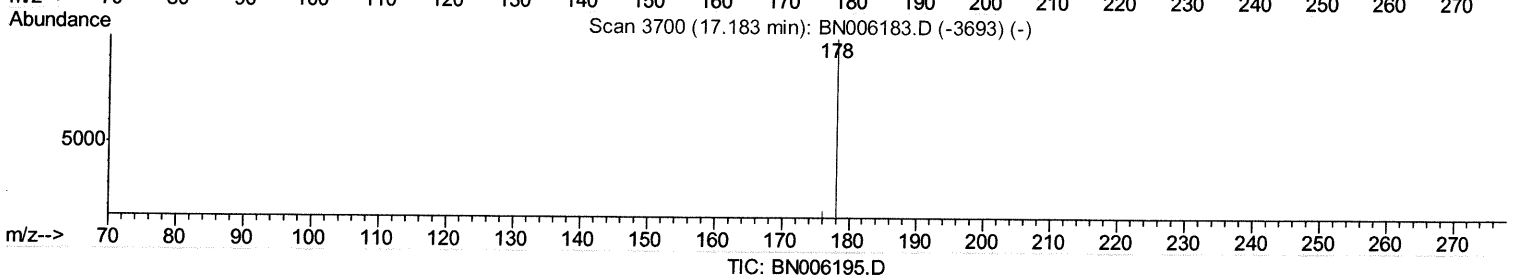
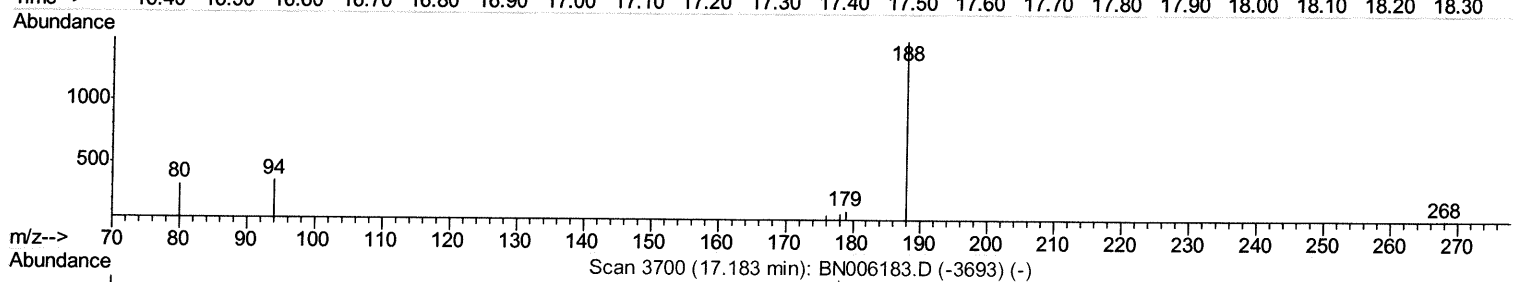
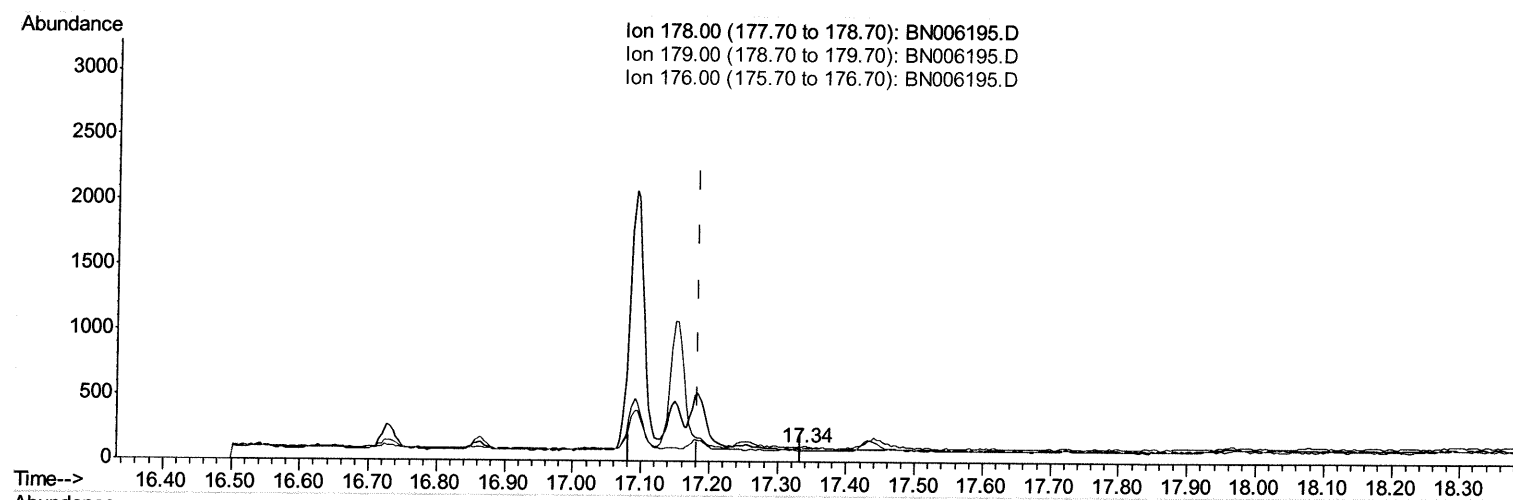
Data File : BN006195.D
Acq On : 08 Jun 2019 17:22
Operator : JU/SJ
Sample : K3016-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A51C8

Manual Integrations
APPROVED

mohammad
6/11/2019 4:31:03 PM

Quant Time: Jun 09 04:51:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 04:20:15 2019
Response via : Initial Calibration



(13) Anthracene

17.339min (+0.156) 0.01ng/ul

response 15

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	117.31#
176.00	18.90	85.58#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060819\
Quantitation Report (Qedit)

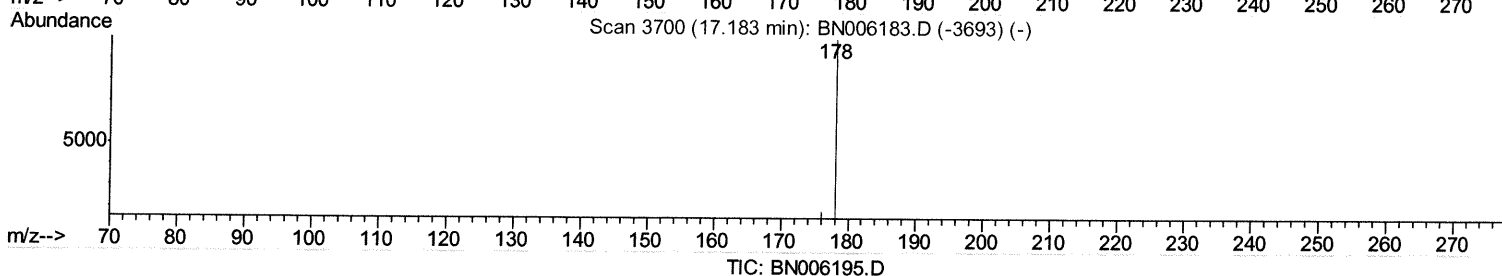
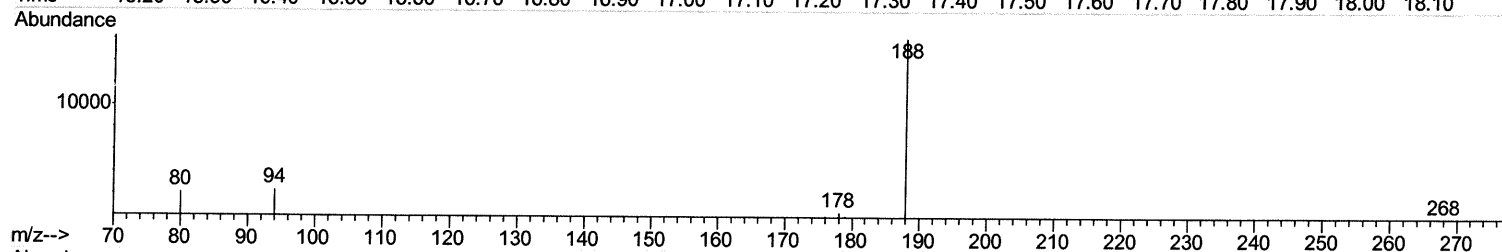
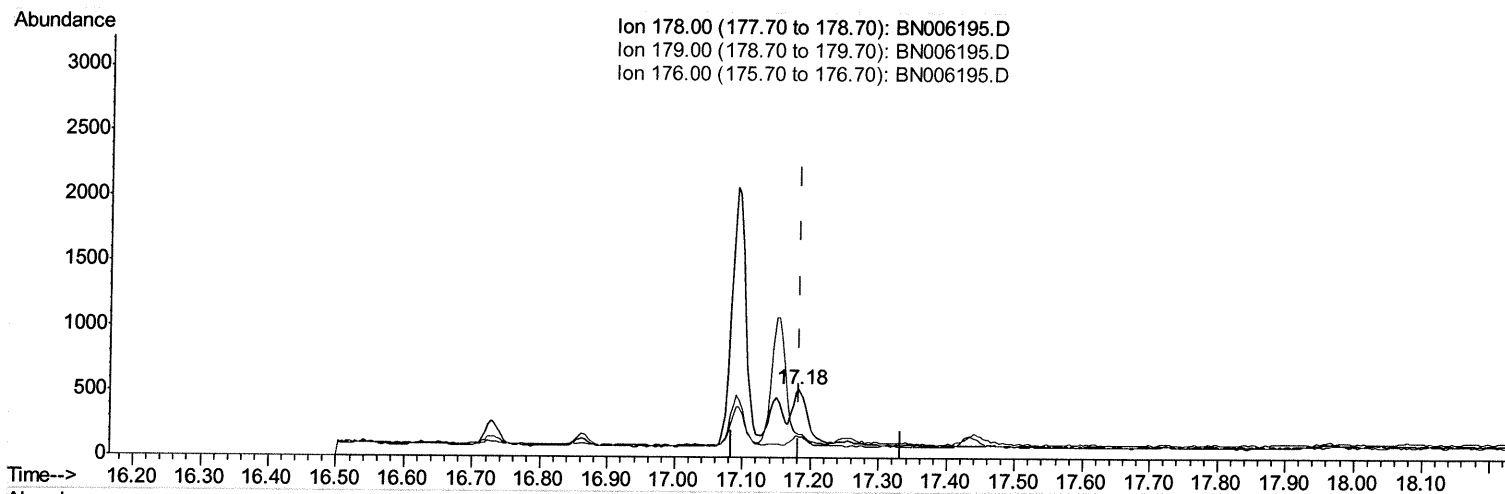
Data File : BN006195.D
Acq On : 08 Jun 2019 17:22
Operator : JU/SJ
Sample : K3016-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A51C8

Manual Integrations
APPROVED

mohammad
6/11/2019 4:31:03 PM

Quant Time: Jun 09 04:51:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 04:20:15 2019
Response via : Initial Calibration



(13) Anthracene

17.183min (-0.000) 0.34ng/ul m ^{JU} 06/10/19

response 626

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	33.84#
176.00	18.90	30.81#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060819\
Quantitation Report (Qedit)

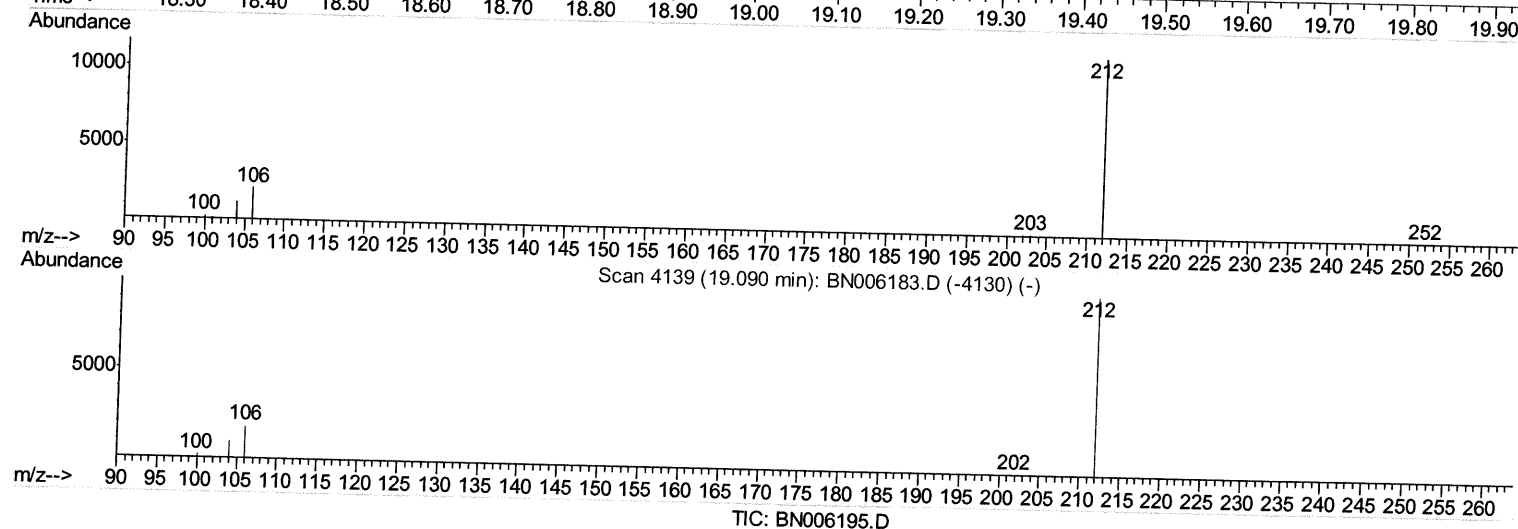
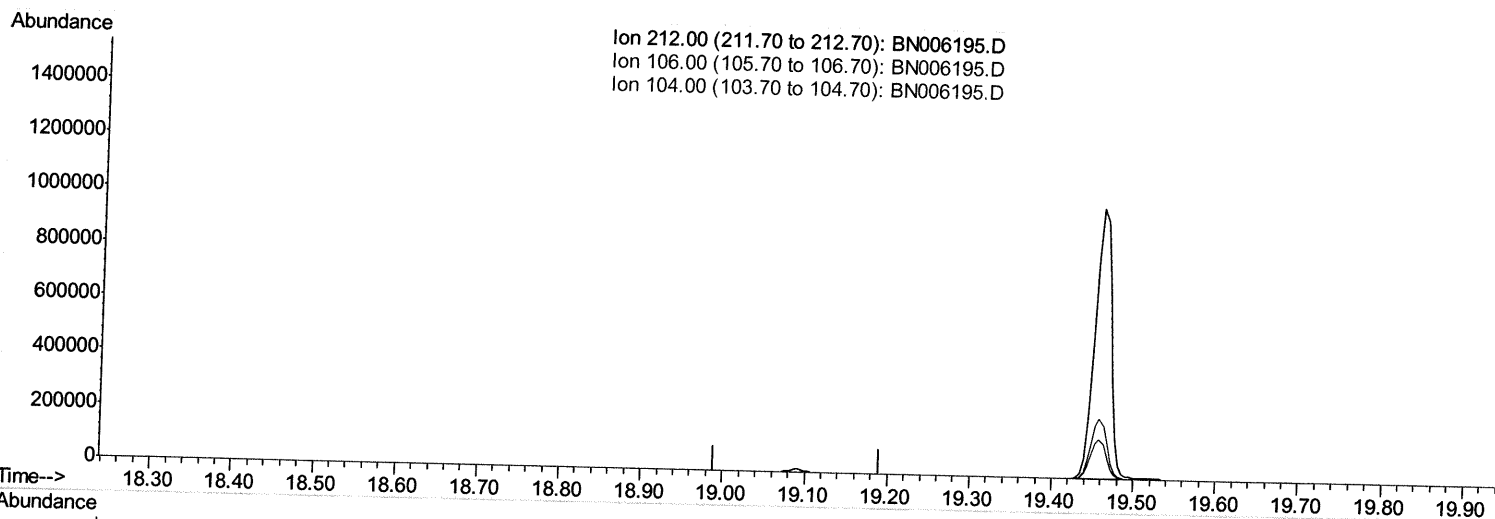
Data File : BN006195.D
Acq On : 08 Jun 2019 17:22
Operator : JU/SJ
Sample : K3016-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A51C8

Manual Integrations
APPROVED

mohammad
6/11/2019 4:31:03 PM

Quant Time: Jun 09 04:51:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 04:20:15 2019
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.090min (-19.090) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	18.10	0.00#
104.00	9.90	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060819\
Quantitation Report (Qedit)

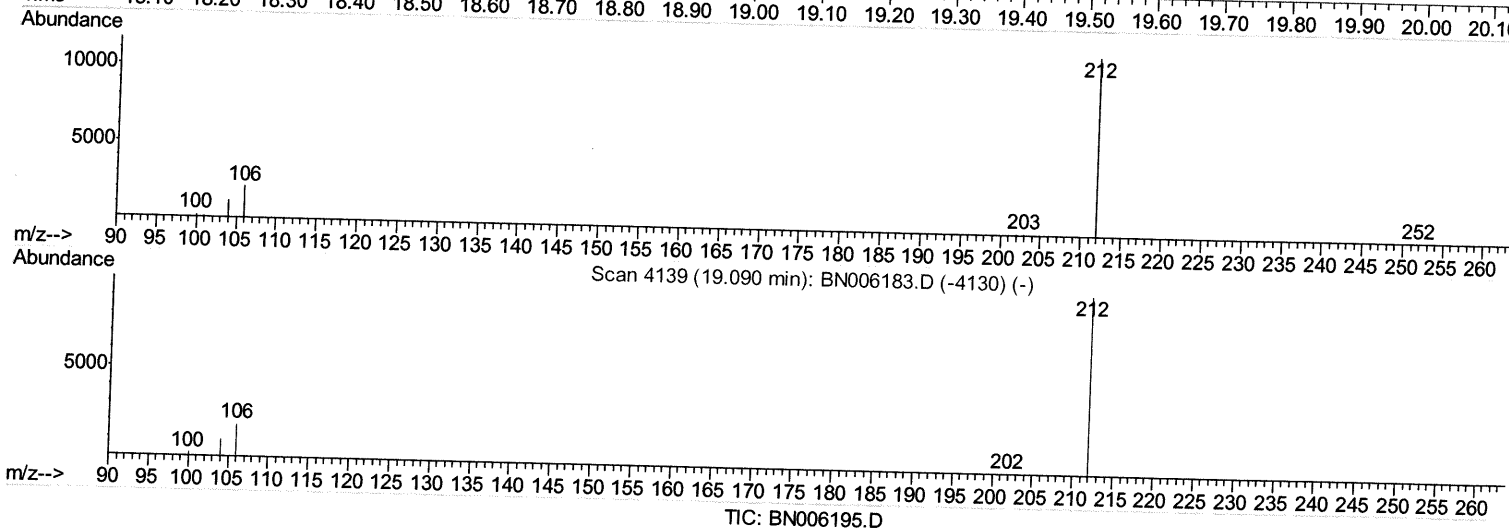
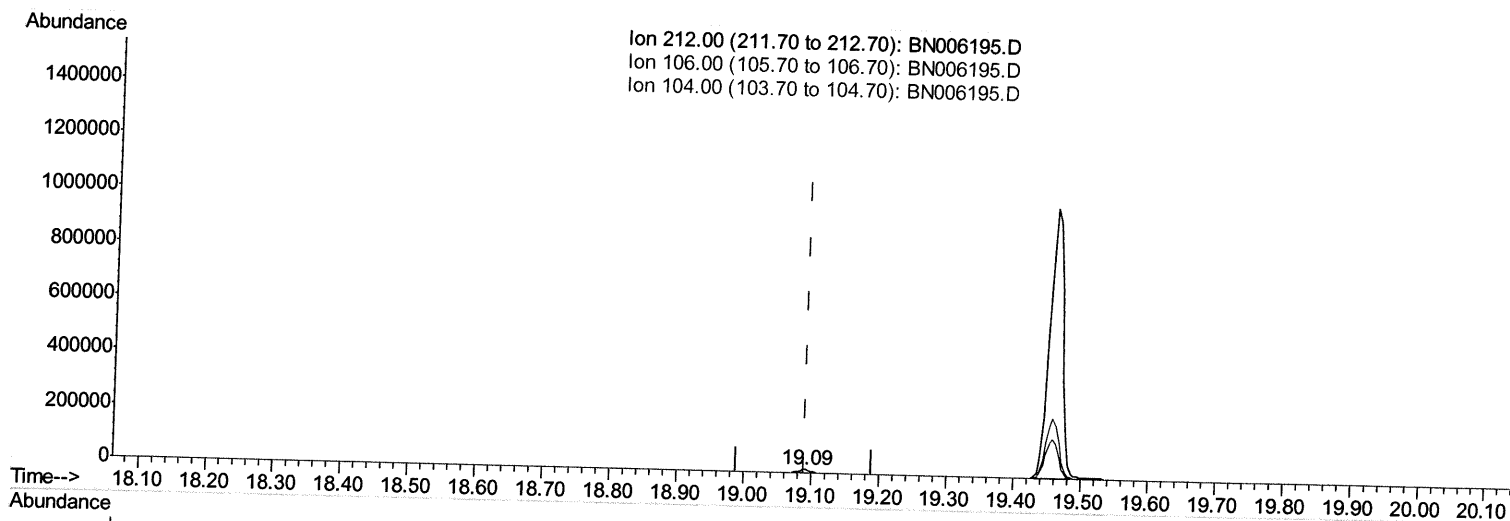
Data File : BN006195.D
Acq On : 08 Jun 2019 17:22
Operator : JU/SJ
Sample : K3016-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A51C8

Manual Integrations
APPROVED

mohammad
6/11/2019 4:31:03 PM

Quant Time: Jun 09 04:51:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 04:20:15 2019
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.090min (-0.000) 9.99ng/ul m

response 16234

Ion	Exp%	Act%
212.00	100	100
106.00	18.10	0.00#
104.00	9.90	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060819\
Quantitation Report (Qedit)

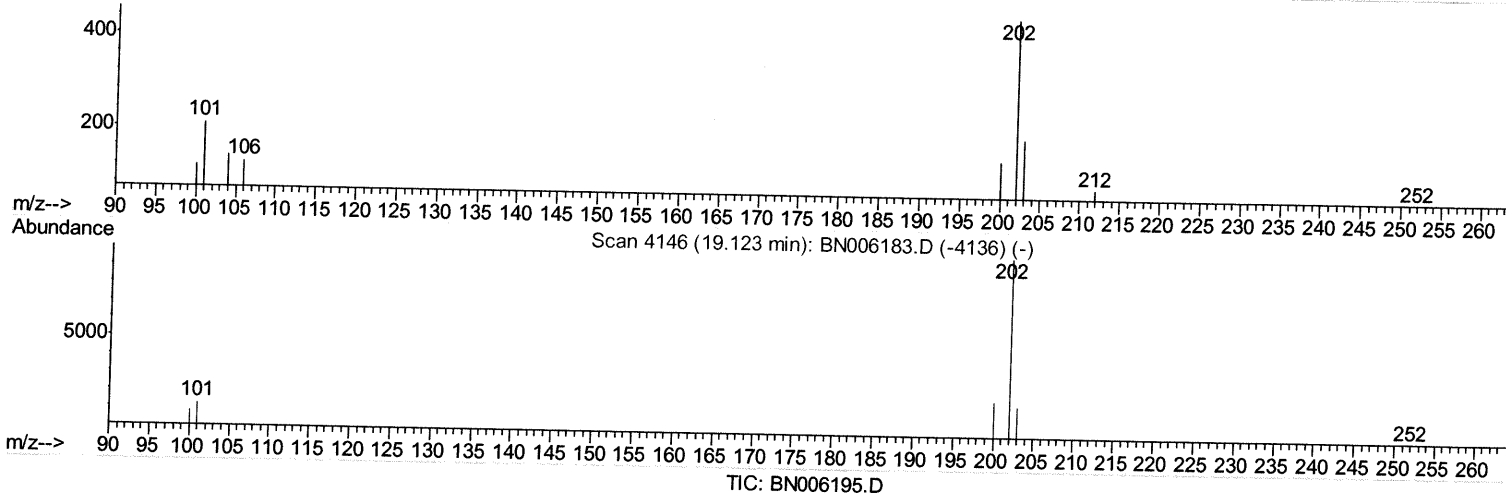
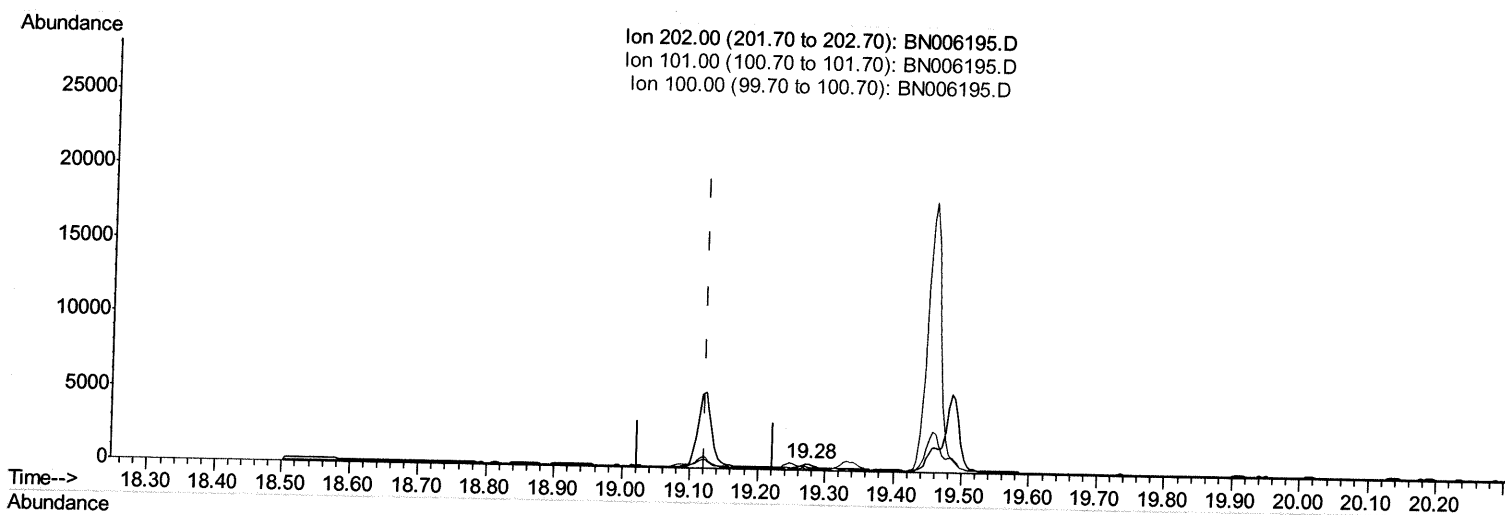
Data File : BN006195.D
Acq On : 08 Jun 2019 17:22
Operator : JU/SJ
Sample : K3016-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A51C8

Manual Integrations
APPROVED

mohammad
6/11/2019 4:31:03 PM

Quant Time: Jun 09 04:51:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 04:20:15 2019
Response via : Initial Calibration



(15) Fluoranthene (C)

19.276min (+0.153) 0.21ng/ul

response 451

Ion	Exp%	Act%
202.00	100	100
101.00	12.10	45.61#
100.00	8.70	25.66
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060819\
Quantitation Report (Qedit)

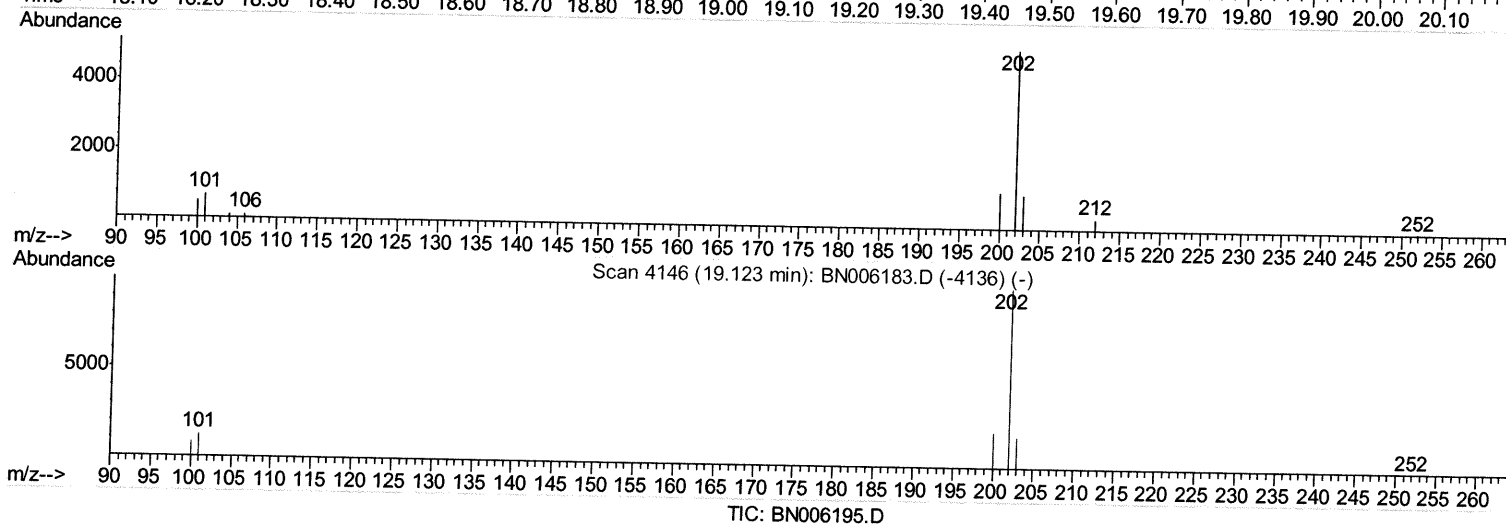
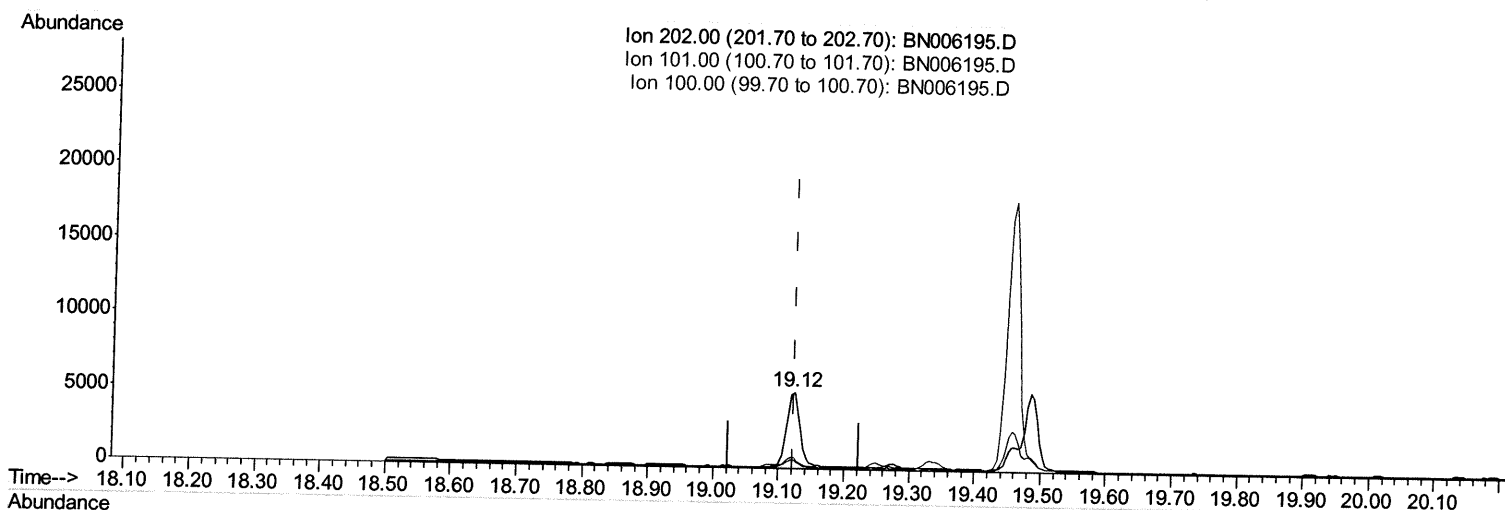
Data File : BN006195.D
Acq On : 08 Jun 2019 17:22
Operator : JU/SJ
Sample : K3016-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A51C8

Manual Integrations
APPROVED

mohammad
6/11/2019 4:31:03 PM

Quant Time: Jun 09 04:51:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 04:20:15 2019
Response via : Initial Calibration



(15) Fluoranthene (C)

19.123min (-0.000) 3.38ng/ul m *JU 06/10/19*

response 7238

Ion	Exp%	Act%
202.00	100	100
101.00	12.10	14.23
100.00	8.70	10.52
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060819\
Quantitation Report (Qedit)

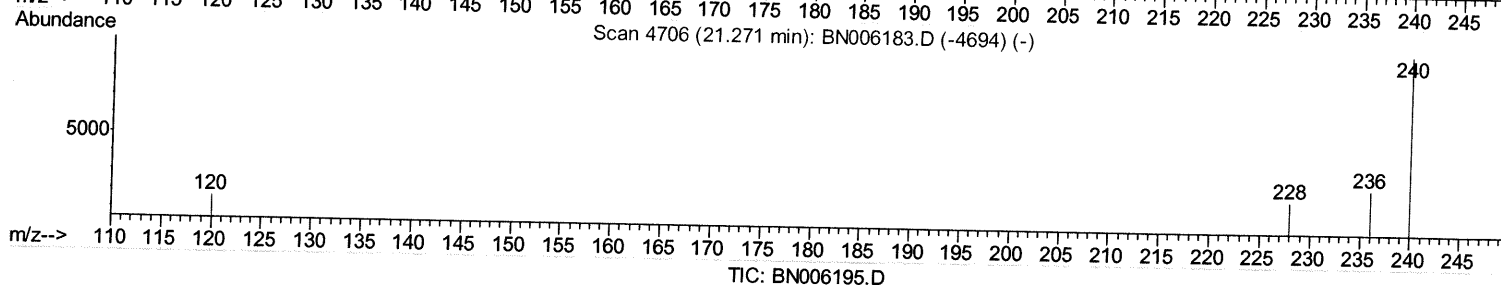
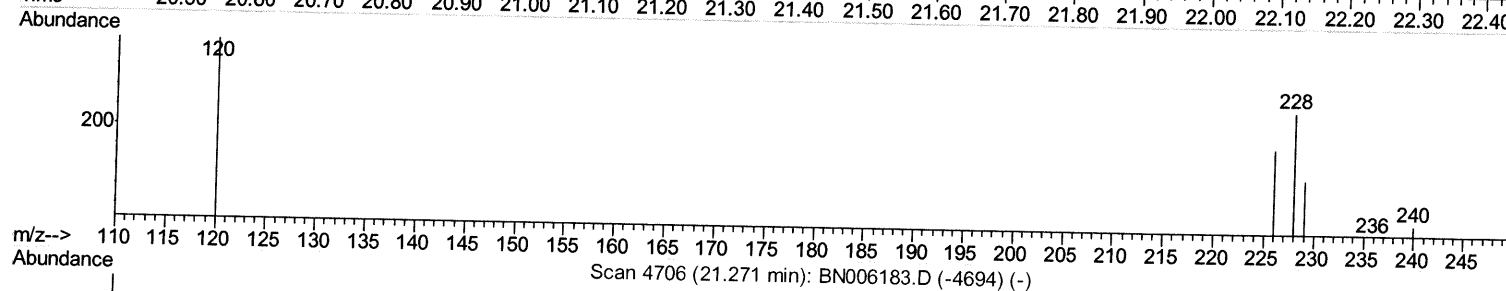
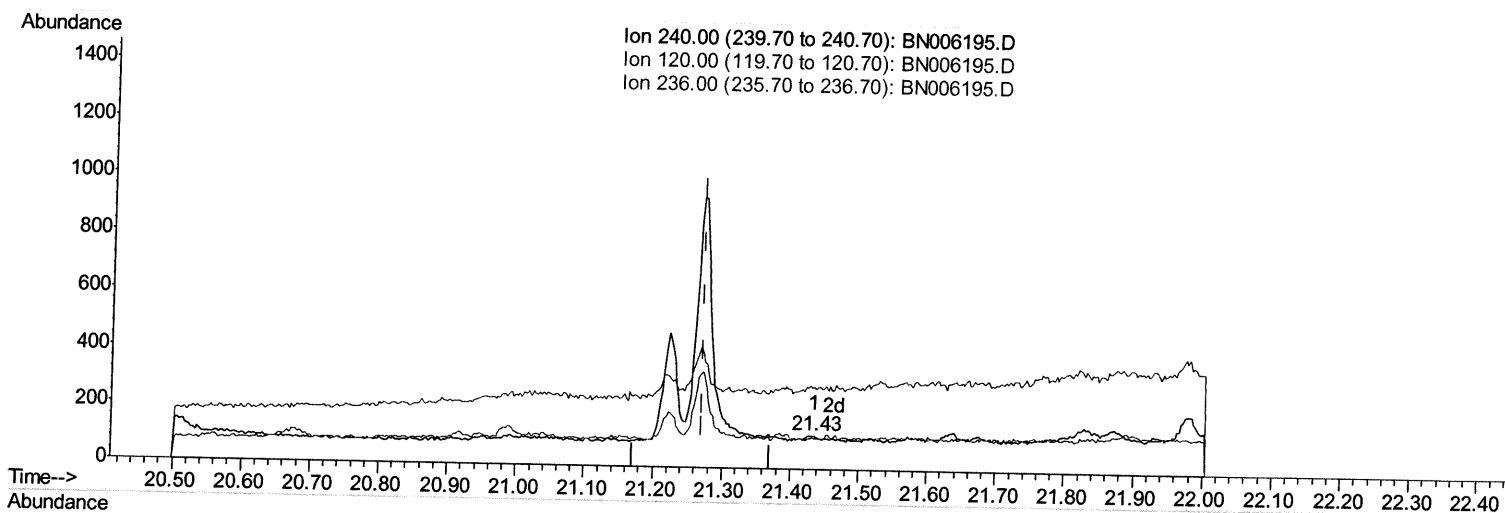
Data File : BN006195.D
Acq On : 08 Jun 2019 17:22
Operator : JU/SJ
Sample : K3016-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A51C8

Manual Integrations
APPROVED

mohammad
6/11/2019 4:31:03 PM

Quant Time: Jun 09 04:51:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 04:20:15 2019
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.435min (+0.163) 0.40ng/ul

response 21

Ion	Exp%	Act%
240.00	100	100
120.00	20.10	244.44#
236.00	30.10	91.45#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060819\
Quantitation Report (Qedit)

Data File : BN006195.D

Acq On : 08 Jun 2019 17:22

Operator : JU/SJ

Sample : K3016-09

Misc :

ALS Vial : 14 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

A51C8

Manual Integrations
APPROVED

mohammad
6/11/2019 4:31:03 PM

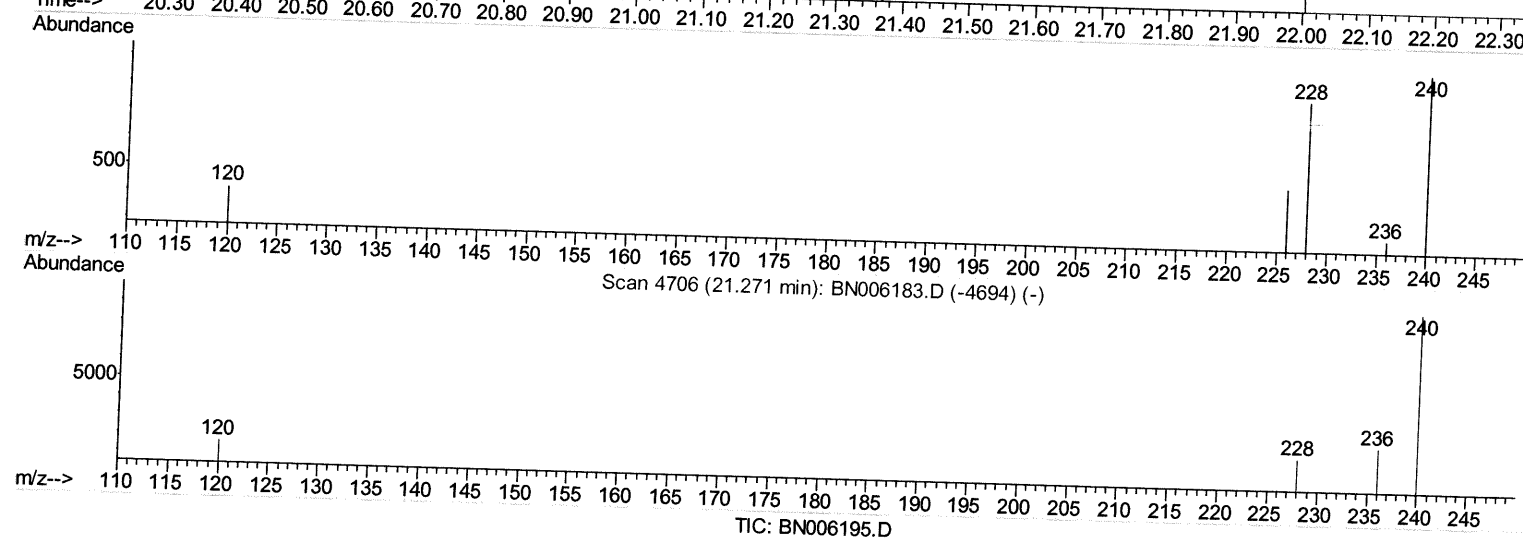
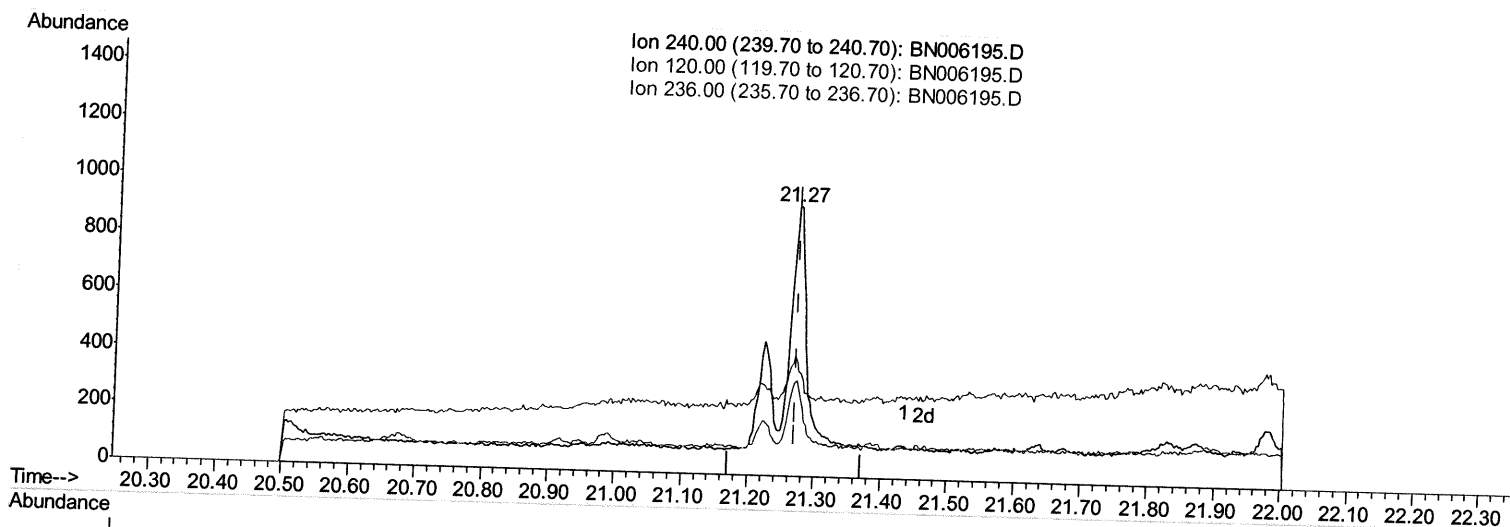
Quant Time: Jun 09 04:51:54 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sun Jun 09 04:20:15 2019

Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.268min (-0.003) 0.40ng/ul m *JU* 06/10/19

response 1264

Ion	Exp%	Act%
240.00	100	100
120.00	20.10	44.53#
236.00	30.10	34.54
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060819\
Quantitation Report (Qedit)

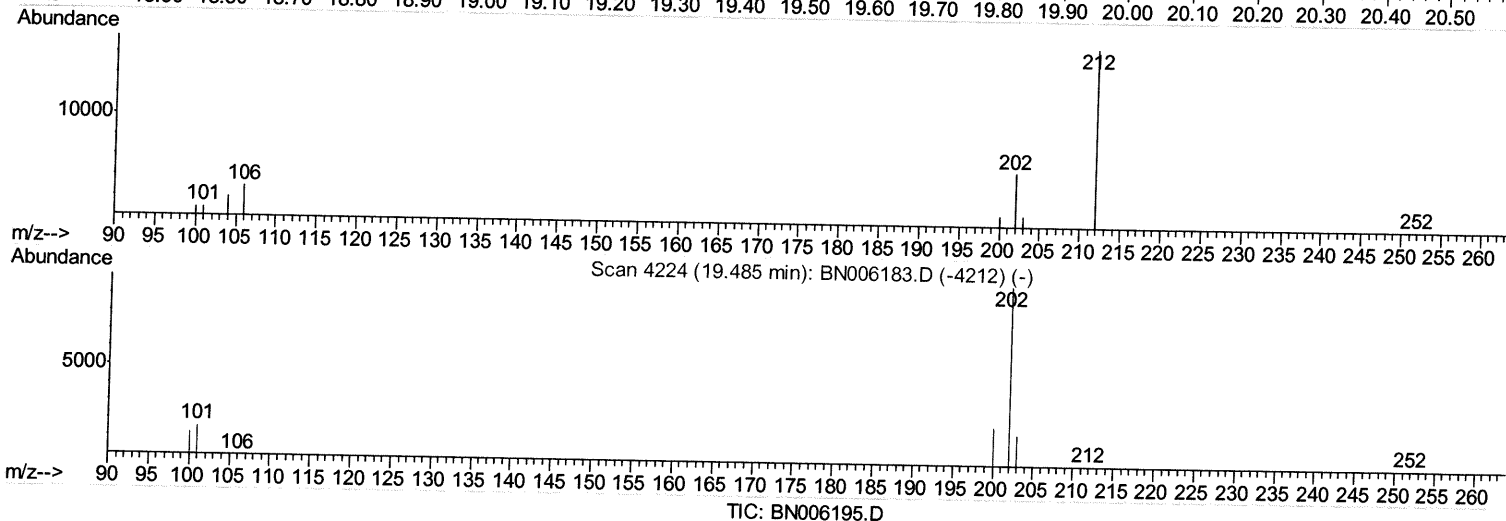
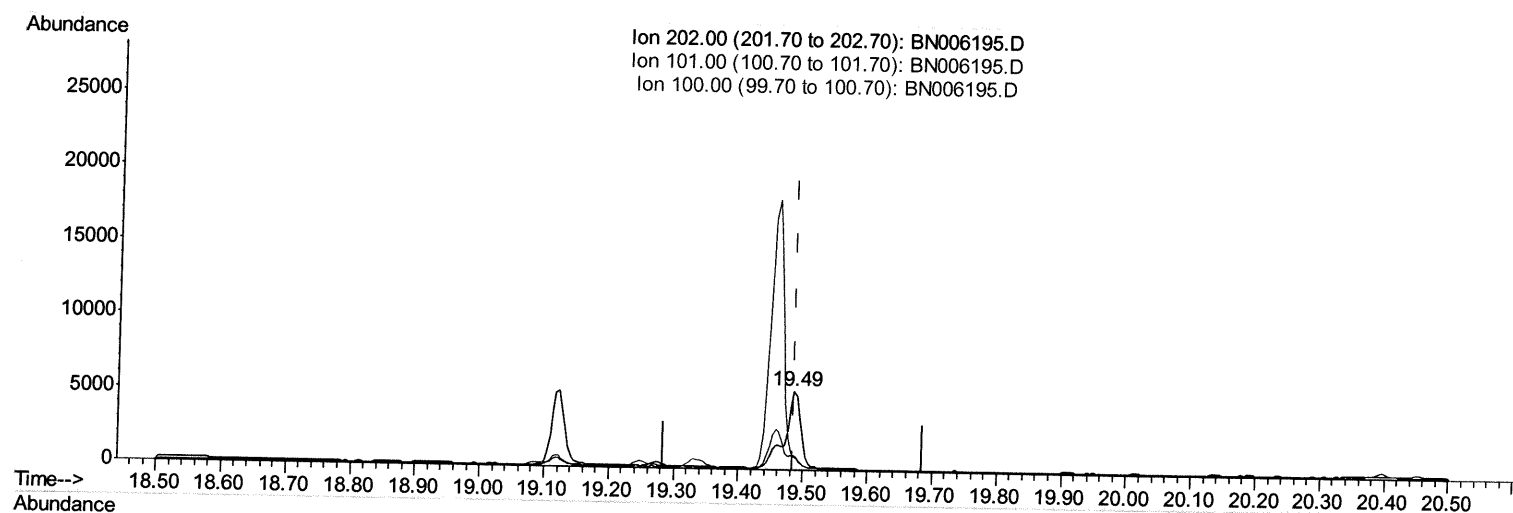
Data File : BN006195.D
Acq On : 08 Jun 2019 17:22
Operator : JU/SJ
Sample : K3016-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A51C8

Manual Integrations
APPROVED

mohammad
6/11/2019 4:31:03 PM

Quant Time: Jun 09 04:58:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 04:20:15 2019
Response via : Initial Calibration



(17) Pyrene

19.485min (-0.000) 1.35ng/ul

response 8988

Ion	Exp%	Act%
202.00	100	100
101.00	15.20	17.97
100.00	12.20	17.41#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060819\
Quantitation Report (Qedit)

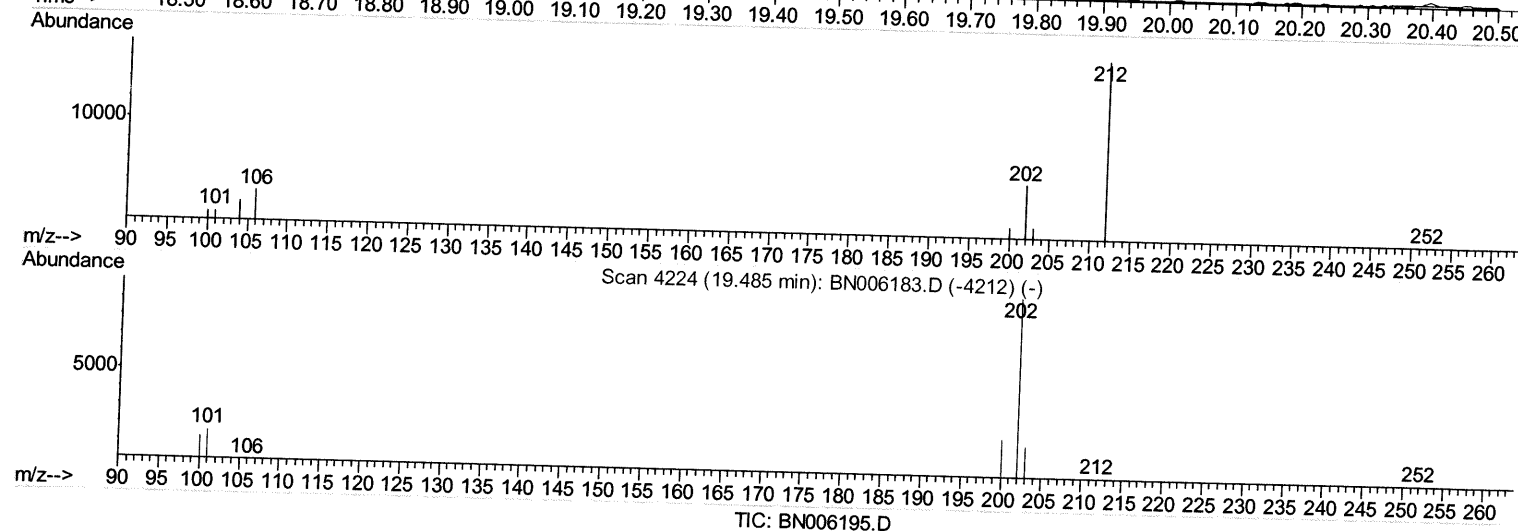
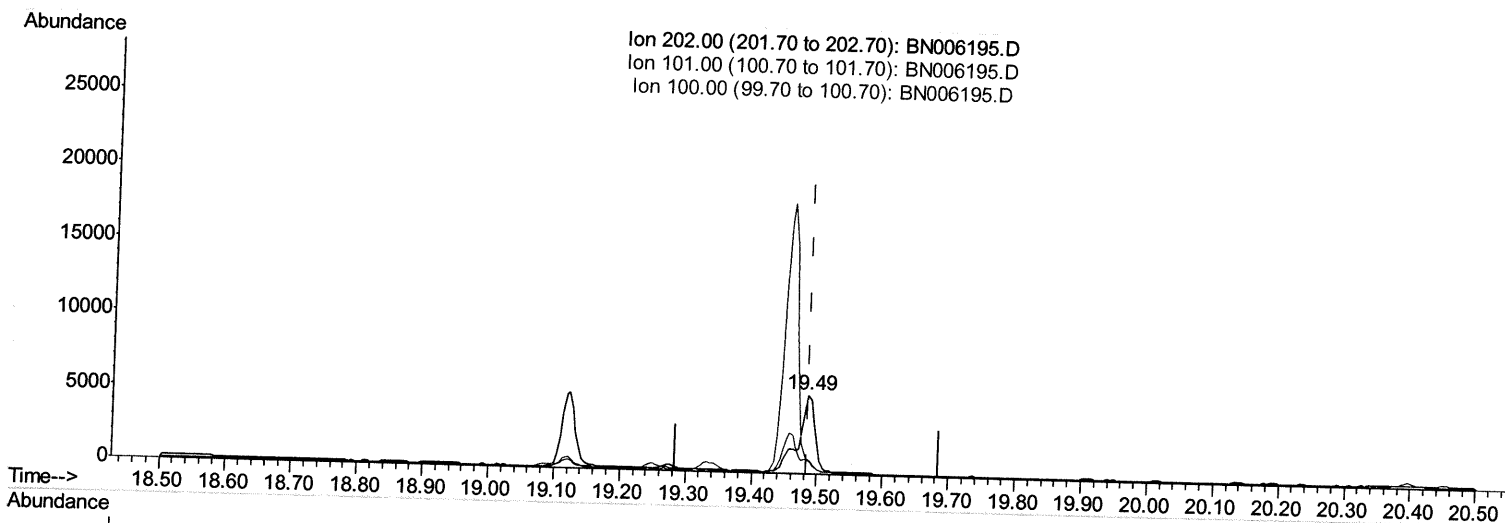
Data File : BN006195.D
Acq On : 08 Jun 2019 17:22
Operator : JU/SJ
Sample : K3016-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A51C8

Manual Integrations
APPROVED

mohammad
6/11/2019 4:31:03 PM

Quant Time: Jun 09 04:58:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 04:20:15 2019
Response via : Initial Calibration



(17) Pyrene

19.485min (-0.000) 1.38ng/ul m

response 9192

Ion	Exp%	Act%
202.00	100	100
101.00	15.20	17.97
100.00	12.20	17.41#
0.00	0.00	0.00

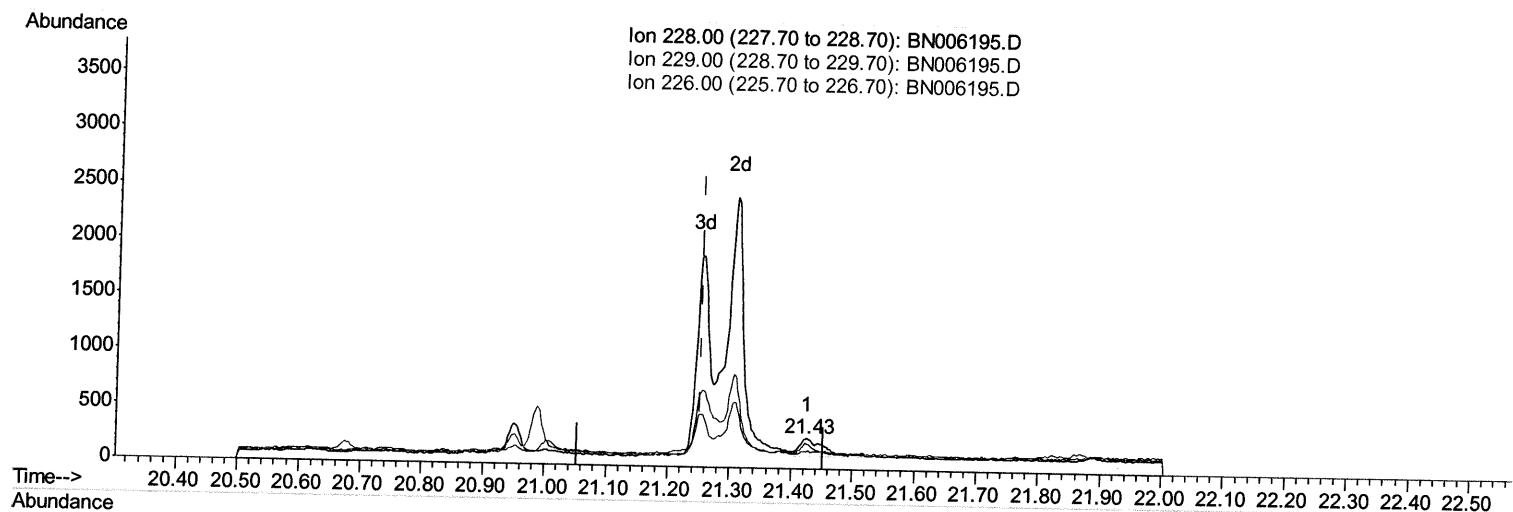
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060819\
 Quantitation Report (Qedit)
 Data File : BN006195.D
 Acq On : 08 Jun 2019 17:22
 Operator : JU/SJ
 Sample : K3016-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51C8

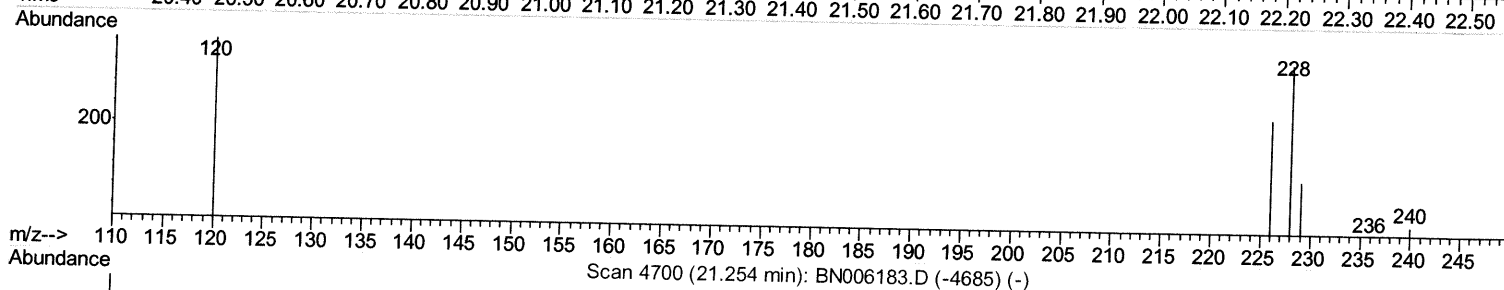
Manual Integrations
 APPROVED

mohammad
 6/11/2019 4:31:03 PM

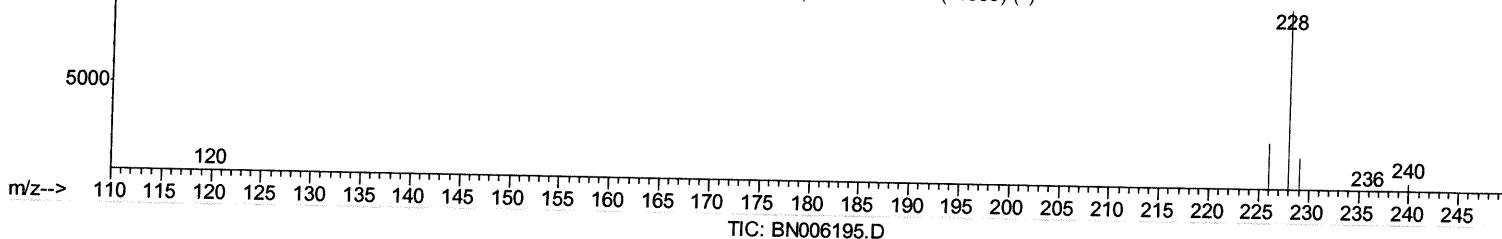
Quant Time: Jun 09 04:58:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 04:20:15 2019
 Response via : Initial Calibration



Ion 228.00 (227.70 to 228.70): BN006195.D
 Ion 229.00 (228.70 to 229.70): BN006195.D
 Ion 226.00 (225.70 to 226.70): BN006195.D



Scan 4700 (21.254 min): BN006183.D (-4685) (-)



TIC: BN006195.D

(18) Benzo(a)anthracene

21.426min (+0.172) 0.09ng/ul

response 508

Ion	Exp%	Act%
228.00	100	100
229.00	20.60	58.24#
226.00	28.50	79.85#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060819\
Quantitation Report (Qedit)

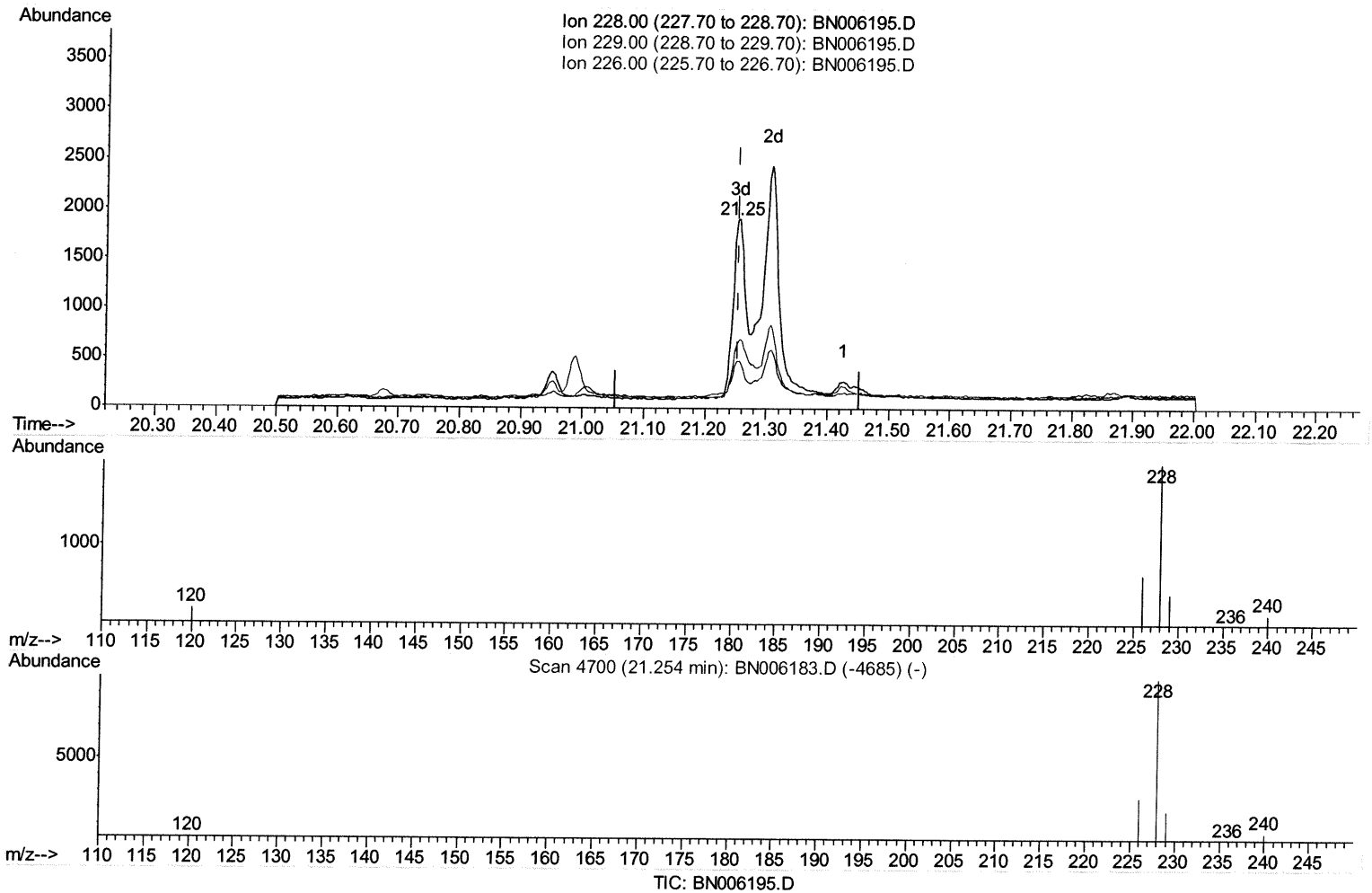
Data File : BN006195.D
Acq On : 08 Jun 2019 17:22
Operator : JU/SJ
Sample : K3016-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
A51C8

Manual Integrations
APPROVED

mohammad
6/11/2019 4:31:03 PM

Quant Time: Jun 09 04:58:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 04:20:15 2019
Response via : Initial Calibration



(18) Benzo(a)anthracene

21.254min (-0.000) 0.46ng/ul m

JU
06/10/19

response 2577

Ion	Exp%	Act%
228.00	100	100
229.00	20.60	25.28#
226.00	28.50	36.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060819\
Quantitation Report (Qedit)

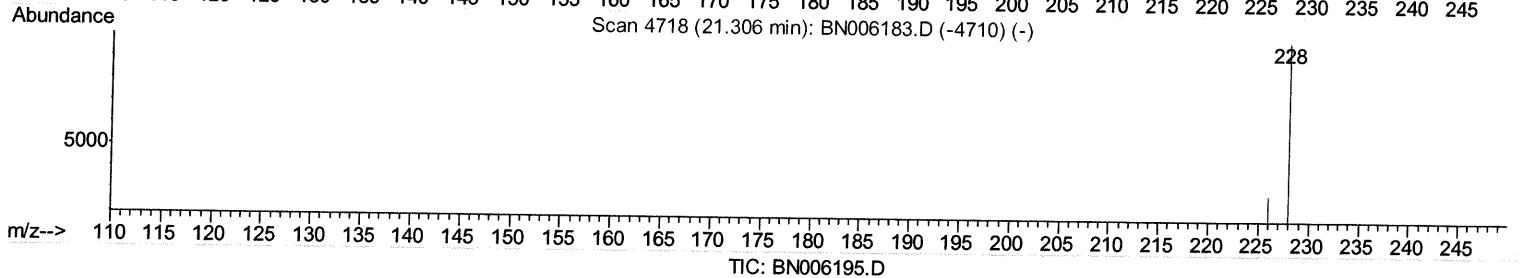
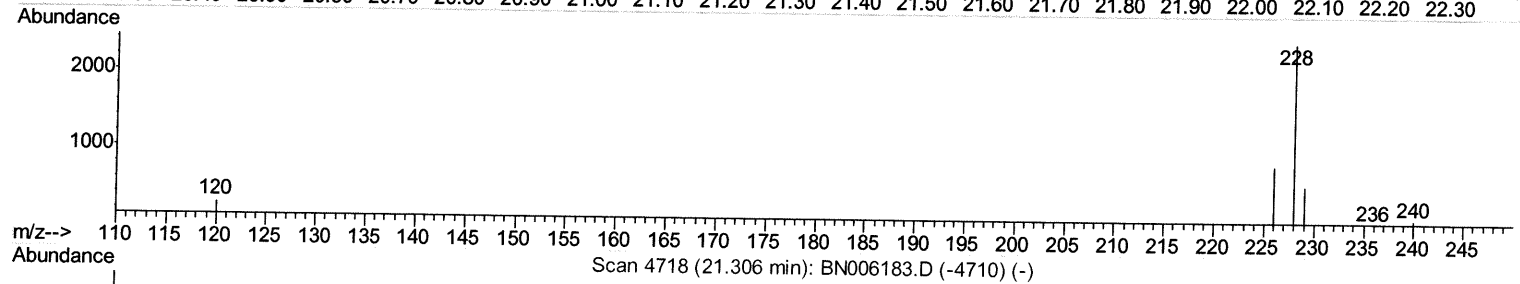
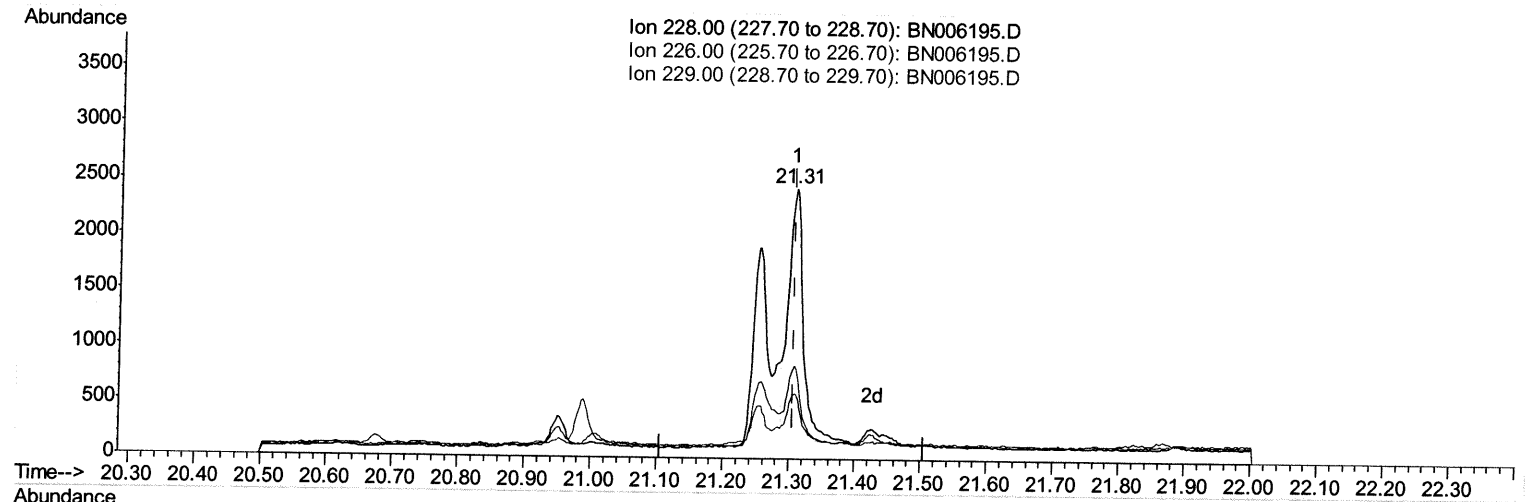
Data File : BN006195.D
Acq On : 08 Jun 2019 17:22
Operator : JU/SJ
Sample : K3016-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A51C8

Manual Integrations
APPROVED

mohammad
6/11/2019 4:31:03 PM

Quant Time: Jun 09 04:58:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 04:20:15 2019
Response via : Initial Calibration



(19) Chrysene

21.306min (-0.000) 0.71ng/ul

response 3720

Ion	Exp%	Act%
228.00	100	100
226.00	31.30	34.56
229.00	20.40	24.27
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060819\
Quantitation Report (Qedit)

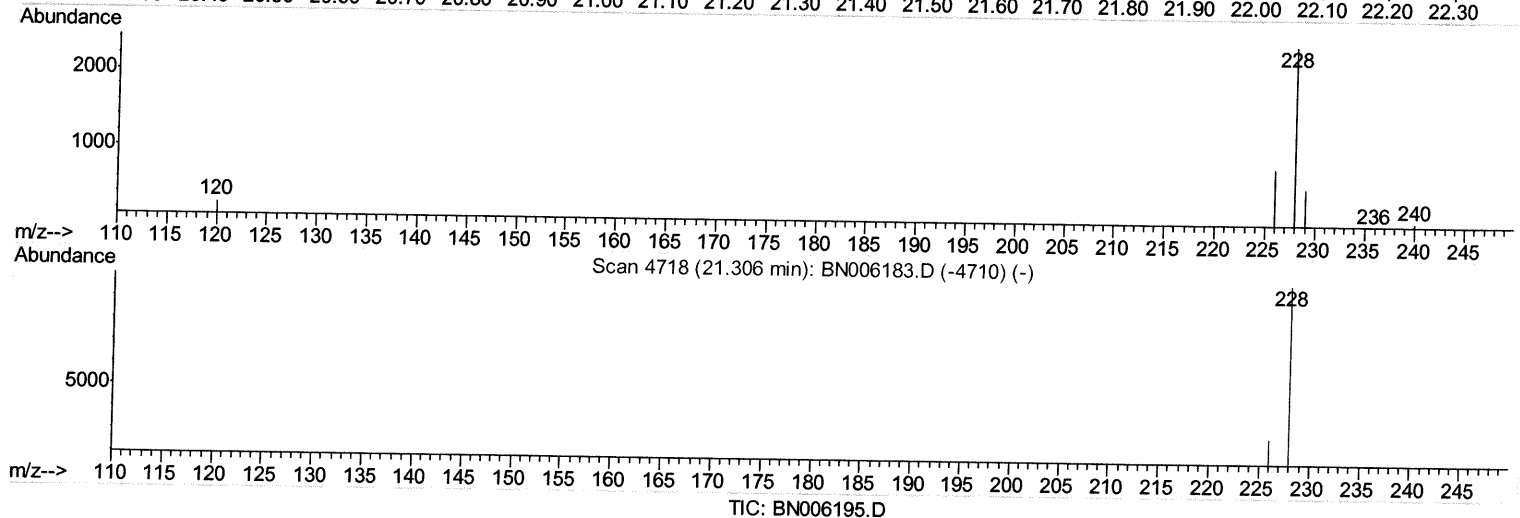
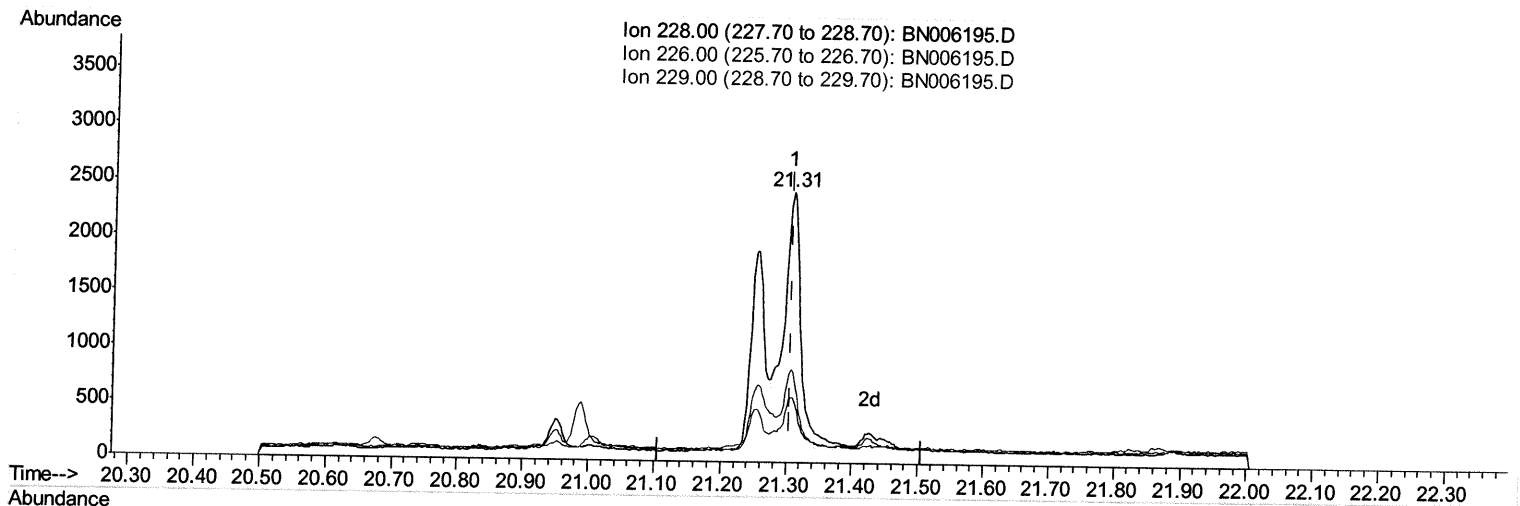
Data File : BN006195.D
Acq On : 08 Jun 2019 17:22
Operator : JU/SJ
Sample : K3016-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A51C8

Manual Integrations
APPROVED

mohammad
6/11/2019 4:31:03 PM

Quant Time: Jun 09 04:58:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 04:20:15 2019
Response via : Initial Calibration



(19) Chrysene

21.306min (-0.000) 0.84ng/ul m

JU
06/10/19

response 4394

Ion	Exp%	Act%
228.00	100	100
226.00	31.30	34.56
229.00	20.40	24.27
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060819\
Quantitation Report (QT Reviewed)

Data File : BN006195.D
Acq On : 08 Jun 2019 17:22
Operator : JU/SJ
Sample : K3016-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A51C8

Manual Integrations
APPROVED

mohammad
6/11/2019 4:31:03 PM

Quant Time: Jun 09 05:00:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 04:20:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	2804	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	1398	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	810	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	605m>	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	1264m>	0.40	ng/ul	0.00
20) Perylene-d12	0.00	264	0	0.00	ng/ul	-23.51

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.03	152	6821	3.19	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	16234m>	9.99	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.48	128	317	0.082	ng/ul#	31
5) 2-Methylnaphthalene	12.10	142	120	0.045	ng/ul	99
7) Acenaphthylene	14.01	152	1360	0.302	ng/ul#	81
8) Acenaphthene	14.36	153	115	0.037	ng/ul#	84
9) Fluorene	15.35	166	235	0.064	ng/ul#	84
12) Phenanthrene	17.09	178	2913m>	1.500	ng/ul	
13) Anthracene	17.18	178	626m>	0.338	ng/ul	
15) Fluoranthene	19.12	202	7238m>	3.375	ng/ul	
17) Pyrene	19.49	202	9192m>	1.381	ng/ul	
18) Benzo(a)anthracene	21.25	228	2577m>	0.461	ng/ul	
19) Chrysene	21.31	228	4394m>	0.837	ng/ul	

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

JU 06/10/19