

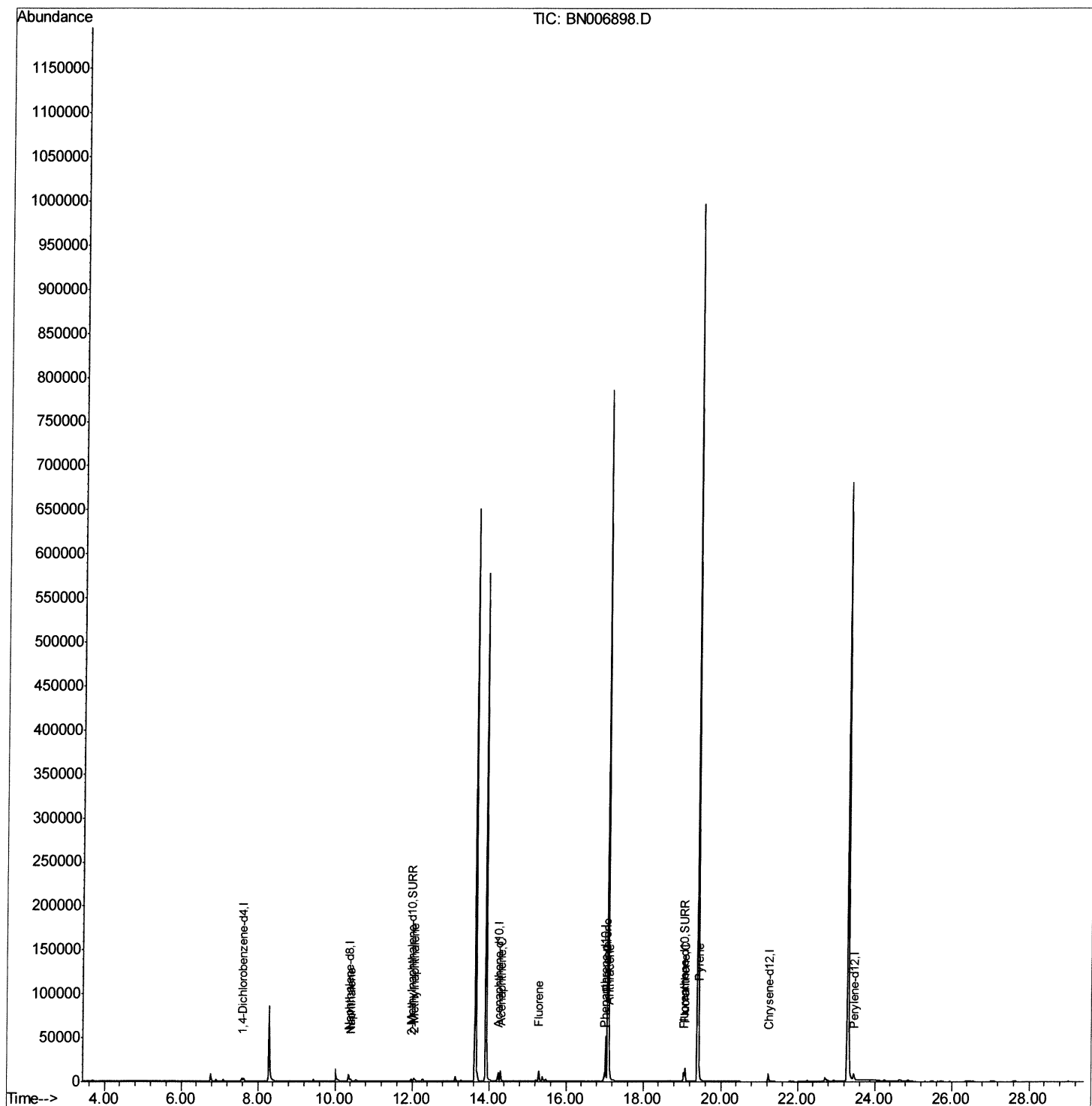
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
Data File : BN006898.D
Acq On : 18 Jul 2019 19:01
Operator : HP/JU
Sample : K3822-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BF4B5

Manual Integrations
APPROVED

mohammad
7/19/2019 3:59:37 PM

Quant Time: Jul 19 04:04:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 19 03:57:16 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

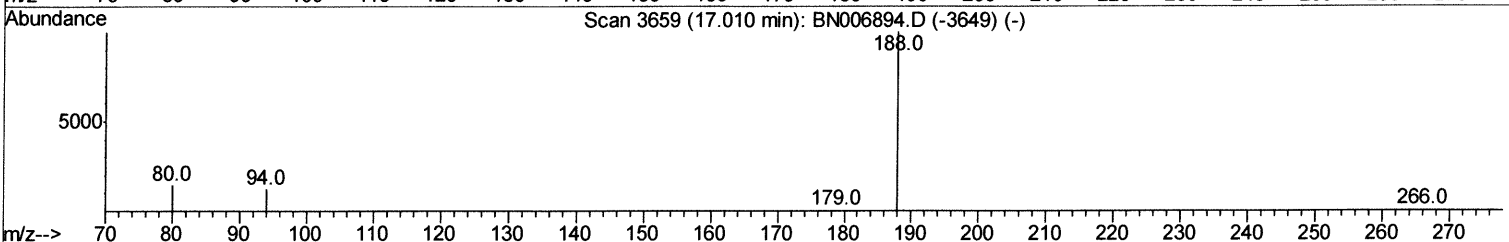
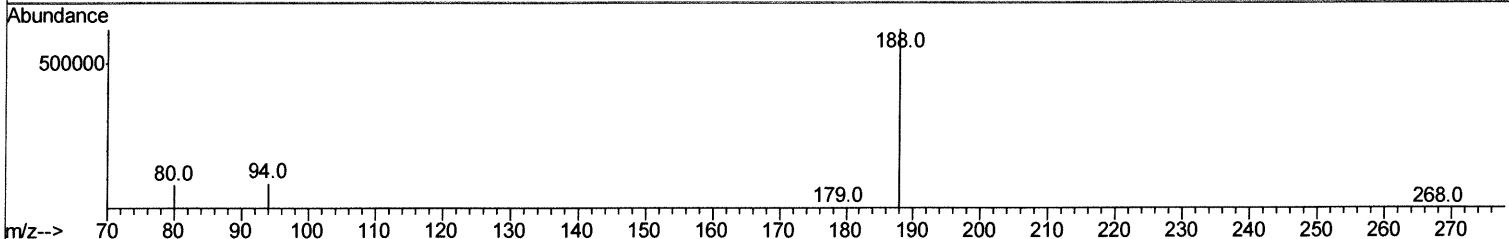
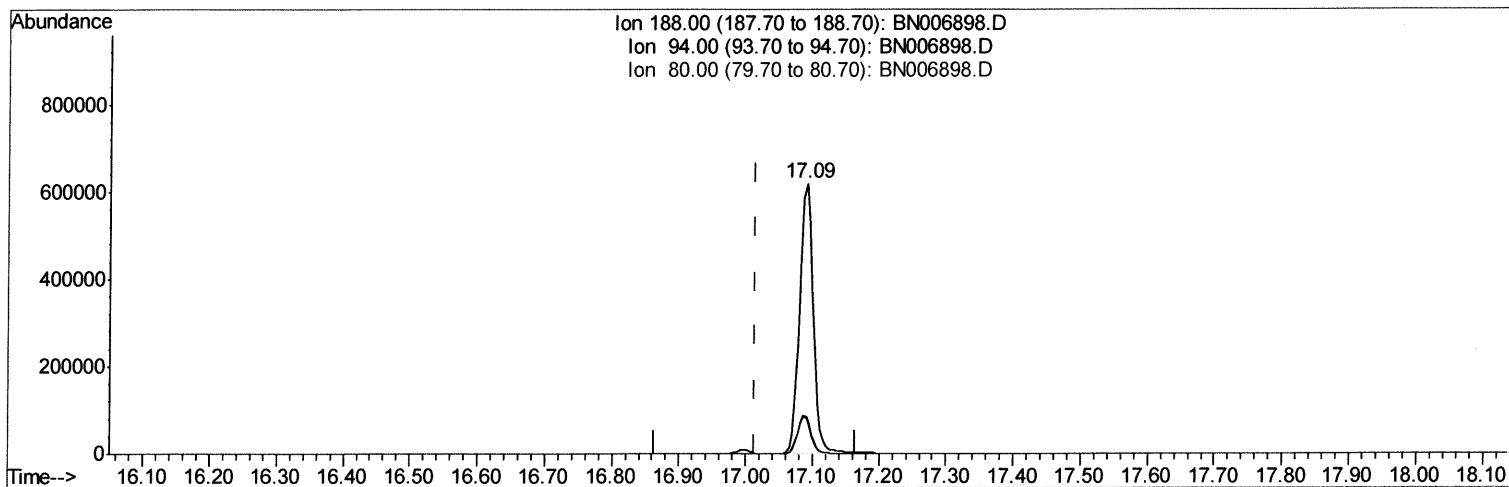
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
Data File : BN006898.D
Acq On : 18 Jul 2019 19:01
Operator : HP/JU
Sample : K3822-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BF4B5

Manual Integrations
APPROVED

mohammad
7/19/2019 3:59:37 PM

Quant Time: Jul 19 04:00:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 19 03:57:16 2019
Response via : Initial Calibration



TIC: BN006898.D

(10) Phenanthrene-d10 (I)

17.090min (+0.076) 0.40ng/ul

response 876487

Ion	Exp%	Act%
188.00	100	100
94.00	13.70	13.72
80.00	14.80	13.02
0.00	0.00	0.00

Quantitation Report (Qedit)

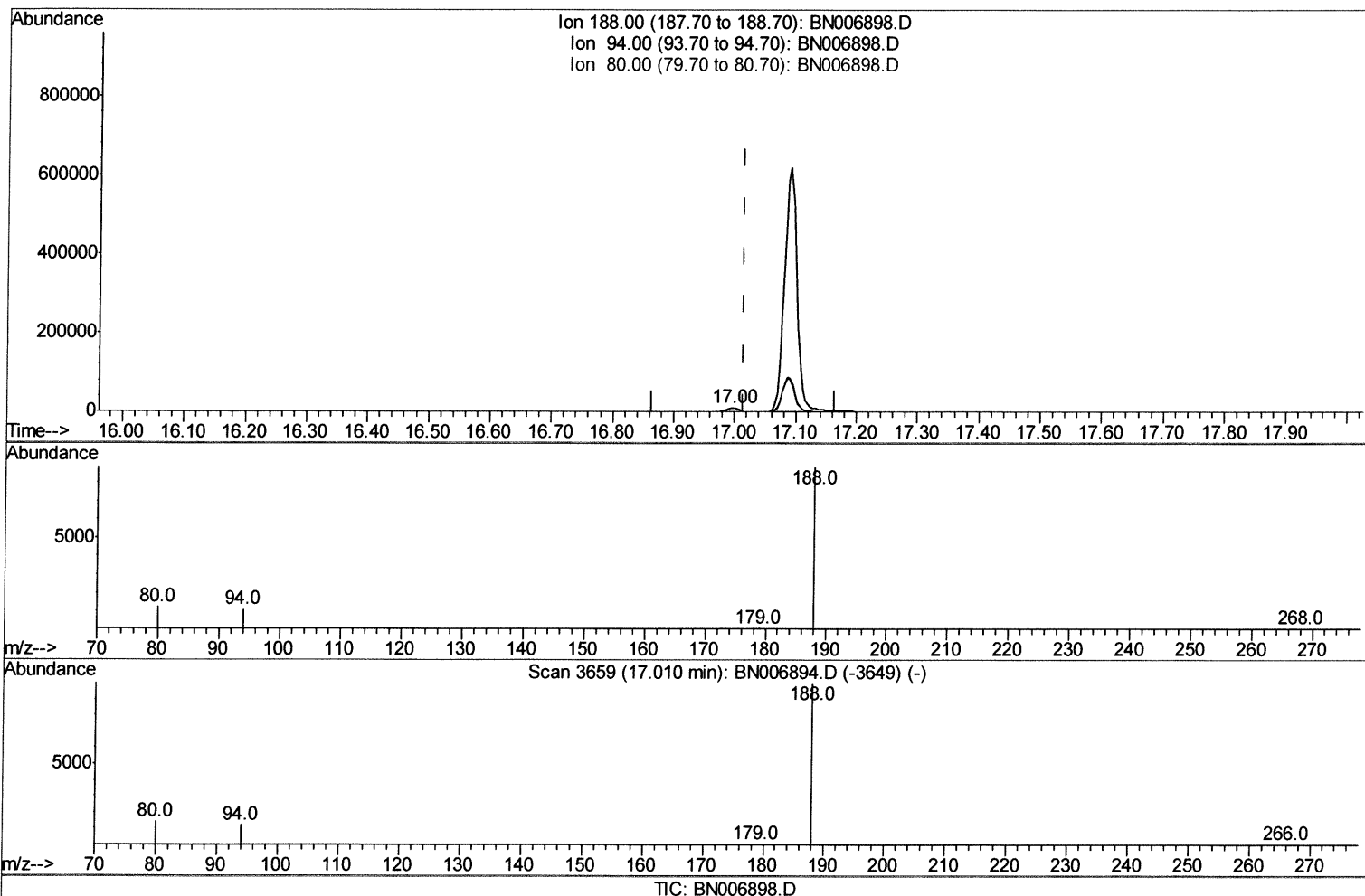
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
 Data File : BN006898.D
 Acq On : 18 Jul 2019 19:01
 Operator : HP/JU
 Sample : K3822-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BF4B5

Manual Integrations
 APPROVED

mohammad
 7/19/2019 3:59:37 PM

Quant Time: Jul 19 04:00:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 19 03:57:16 2019
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

16.998min (-0.017) 0.40ng/ul m

response 11914

Ion	Exp%	Act%
188.00	100	100
94.00	13.70	12.39
80.00	14.80	14.05
0.00	0.00	0.00

Quantitation Report (Qedit)

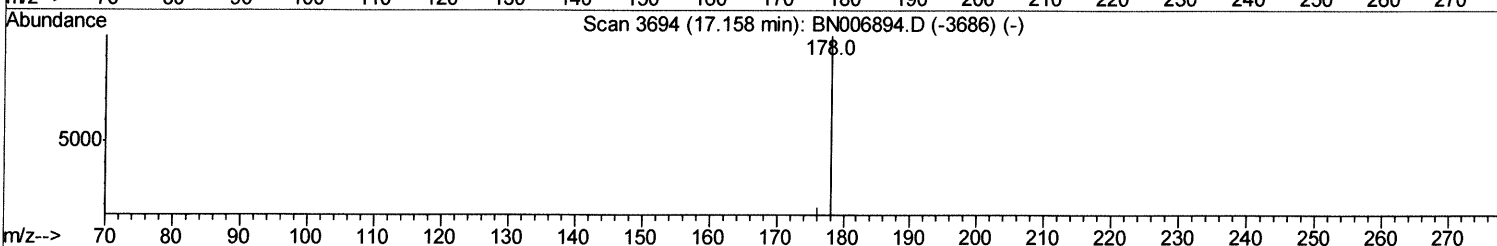
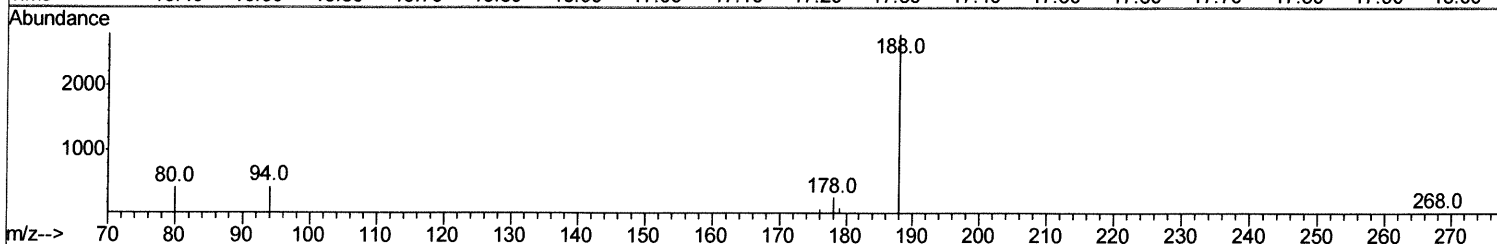
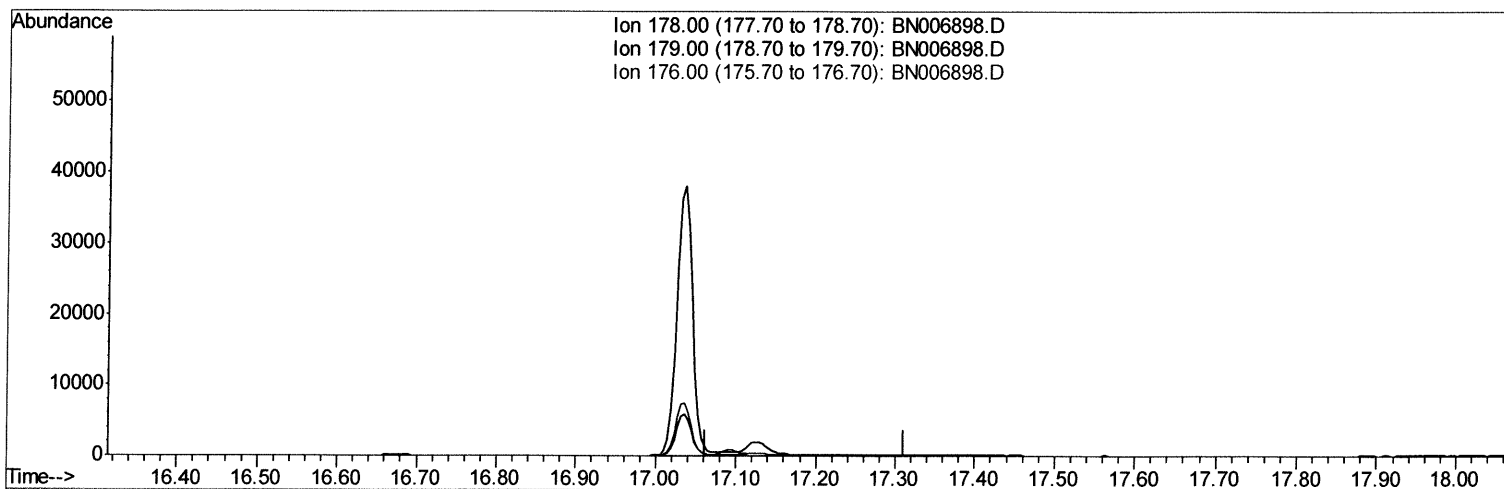
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
 Data File : BN006898.D
 Acq On : 18 Jul 2019 19:01
 Operator : HP/JU
 Sample : K3822-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
ClientSampleId :
 BF4B5

Manual Integrations
APPROVED

mohammad
 7/19/2019 3:59:37 PM

Quant Time: Jul 19 04:00:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 19 03:57:16 2019
 Response via : Initial Calibration



TIC: BN006898.D

(13) Anthracene

17.162min (-17.162) 0.00ng/ul

response 0

Ion	Exp%	Act%
178.00	100	0.00
179.00	15.90	0.00#
176.00	19.70	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

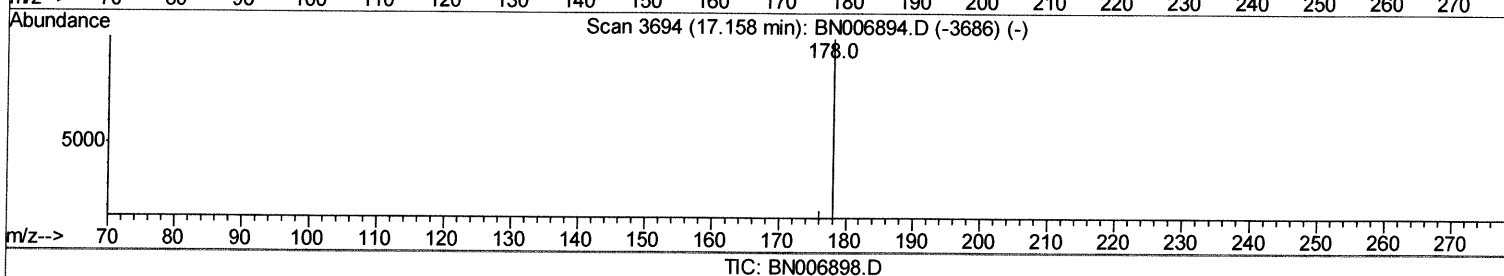
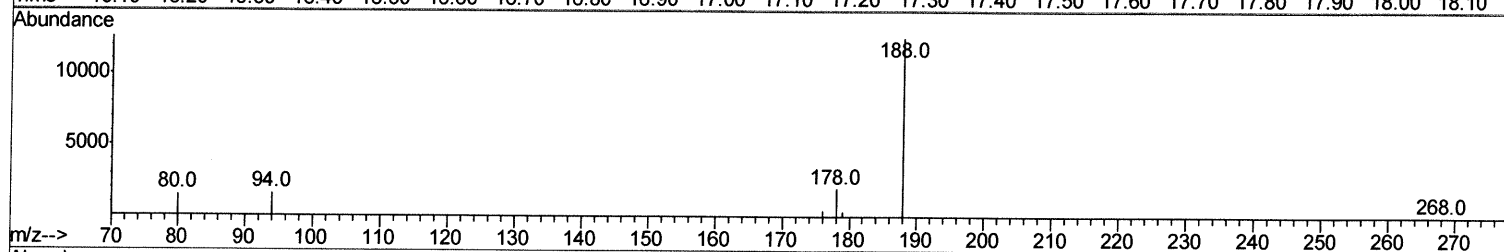
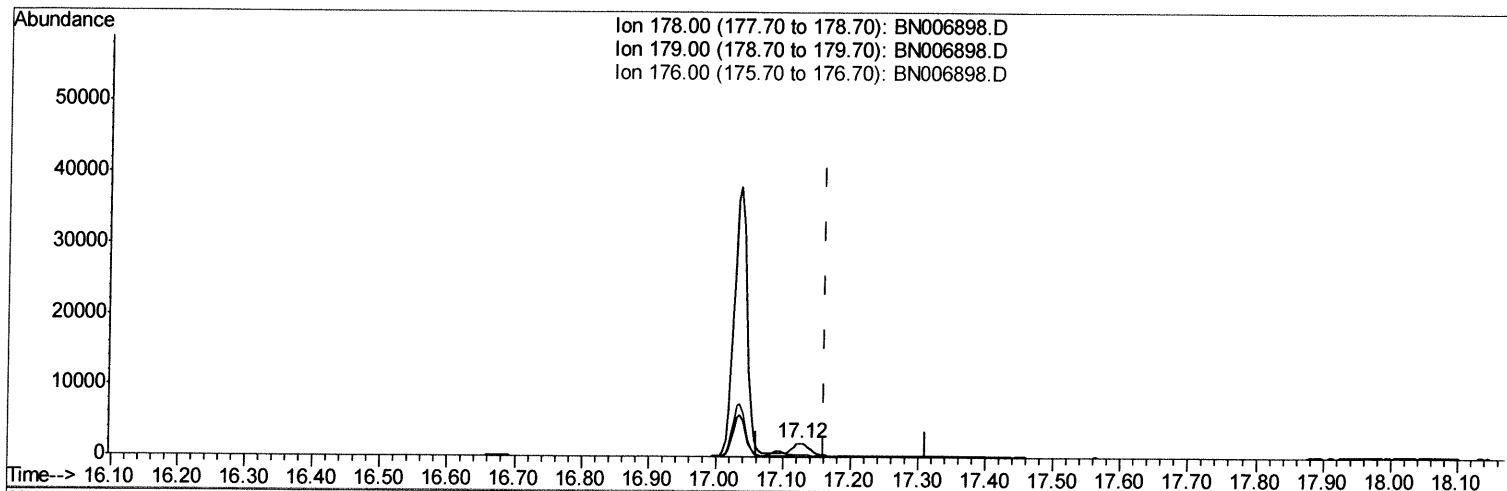
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
Data File : BN006898.D
Acq On : 18 Jul 2019 19:01
Operator : HP/JU
Sample : K3822-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BF4B5

Manual Integrations
APPROVED

mohammad
7/19/2019 3:59:37 PM

Quant Time: Jul 19 04:00:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 19 03:57:16 2019
Response via : Initial Calibration



TIC: BN006898.D

(13) Anthracene

17.124min (-0.038) 0.09ng/ul m

Ju
07/19/19

response 3141

Ion	Exp%	Act%
178.00	100	100
179.00	15.90	21.22#
176.00	19.70	21.83
0.00	0.00	0.00

Quantitation Report (Qedit)

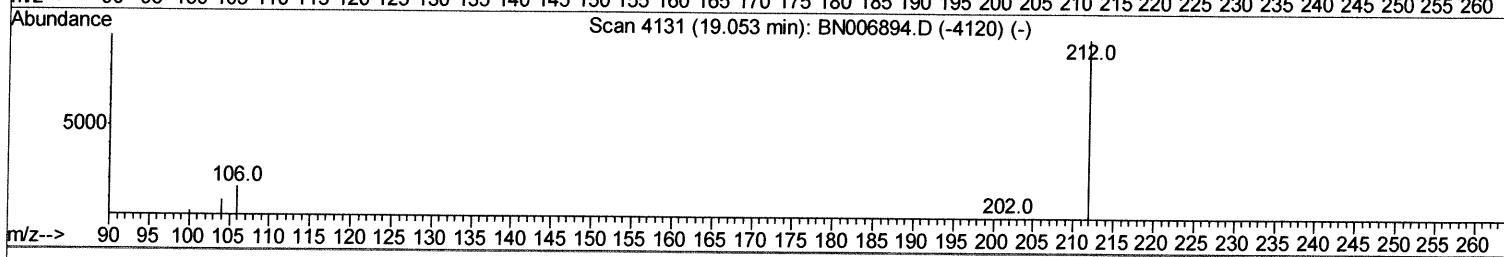
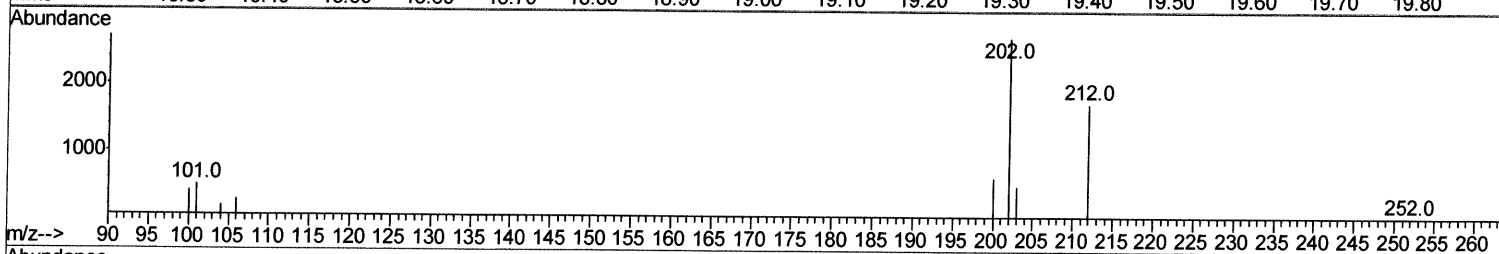
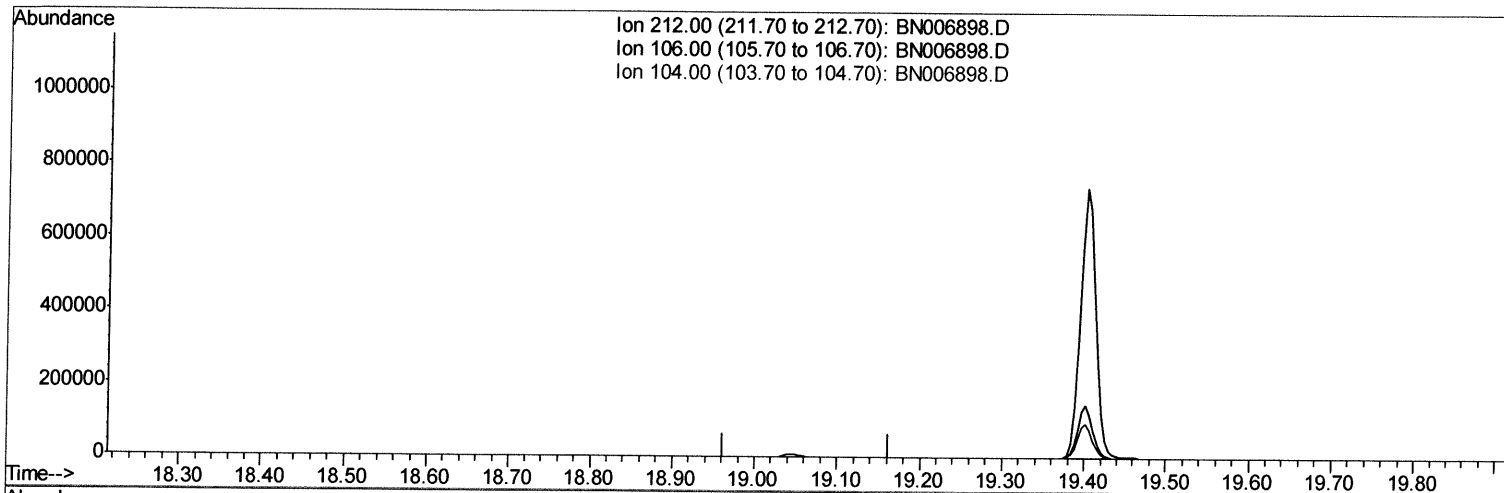
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
 Data File : BN006898.D
 Acq On : 18 Jul 2019 19:01
 Operator : HP/JU
 Sample : K3822-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 BF4B5

Manual Integrations
 APPROVED

mohammad
 7/19/2019 3:59:37 PM

Quant Time: Jul 19 04:00:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 19 03:57:16 2019
 Response via : Initial Calibration



TIC: BN006898.D

(14) Fluoranthene-d10 (SURR)

19.062min (-19.062) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	17.80	0.00#
104.00	9.70	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

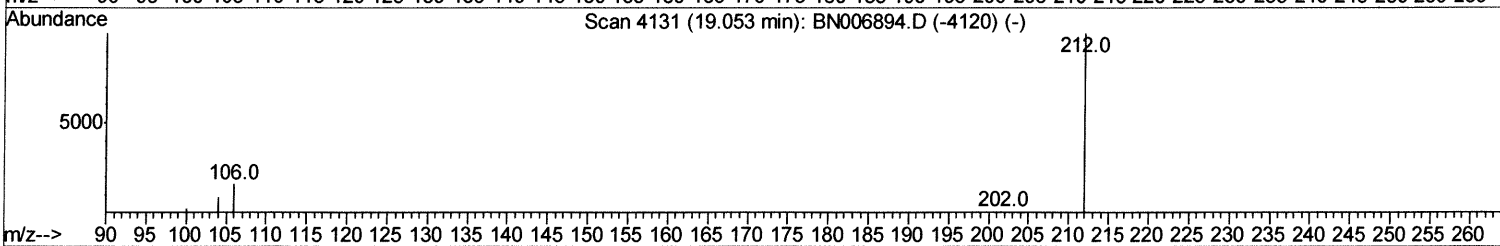
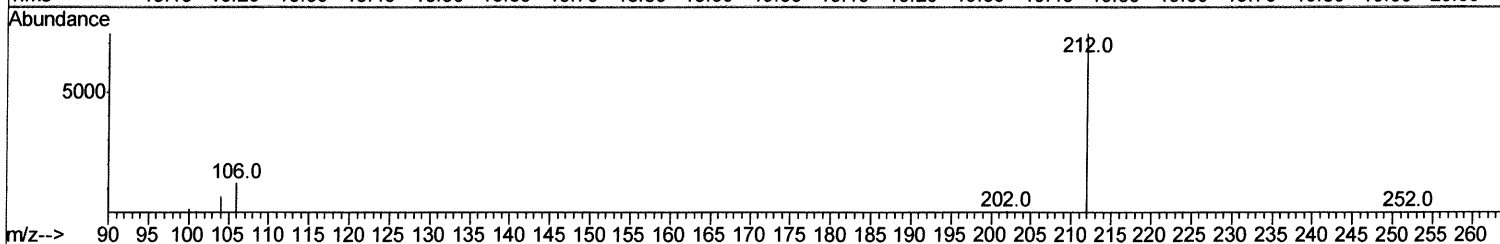
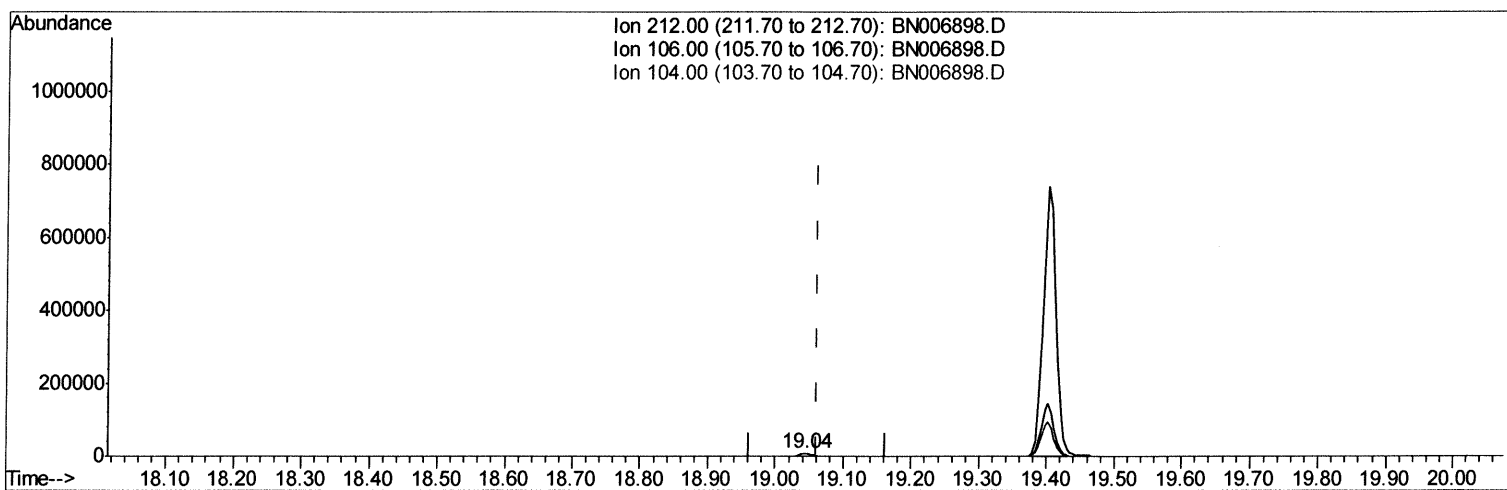
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
 Data File : BN006898.D
 Acq On : 18 Jul 2019 19:01
 Operator : HP/JU
 Sample : K3822-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BF4B5

Manual Integrations
 APPROVED

mohammad
 7/19/2019 3:59:37 PM

Quant Time: Jul 19 04:00:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 19 03:57:16 2019
 Response via : Initial Calibration



TIC: BN006898.D

(14) Fluoranthene-d10 (SURR)

19.044min (-0.018) 0.30ng/ul m

JU
 07/19/19

response 10428

Ion	Exp%	Act%
212.00	100	100
106.00	17.80	0.00#
104.00	9.70	0.00#
0.00	0.00	0.00

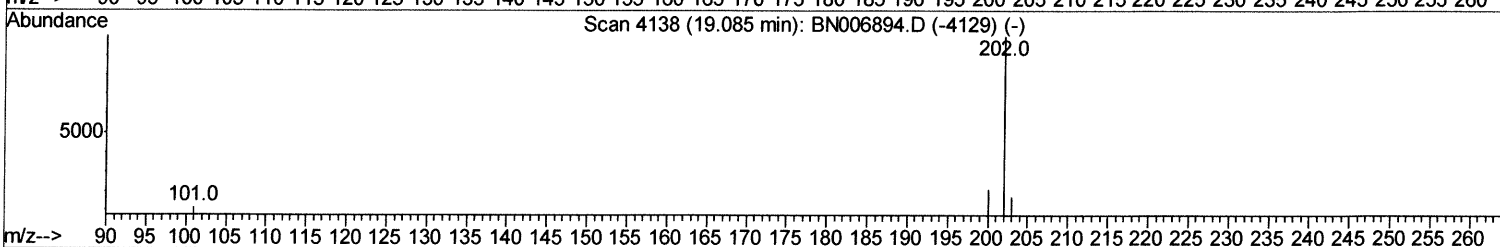
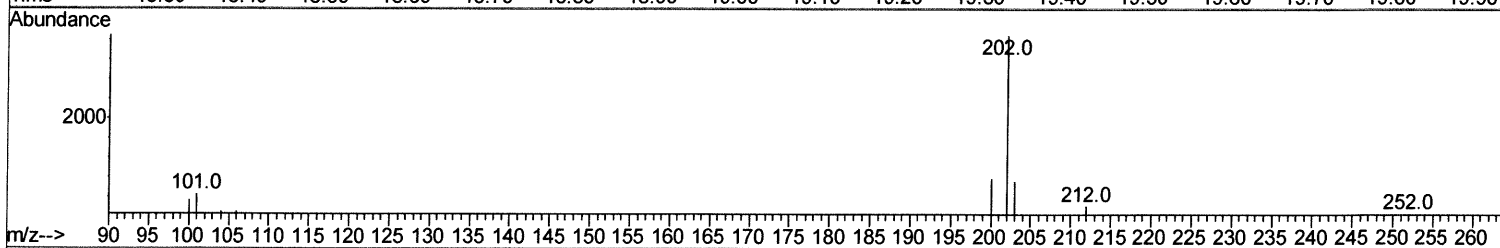
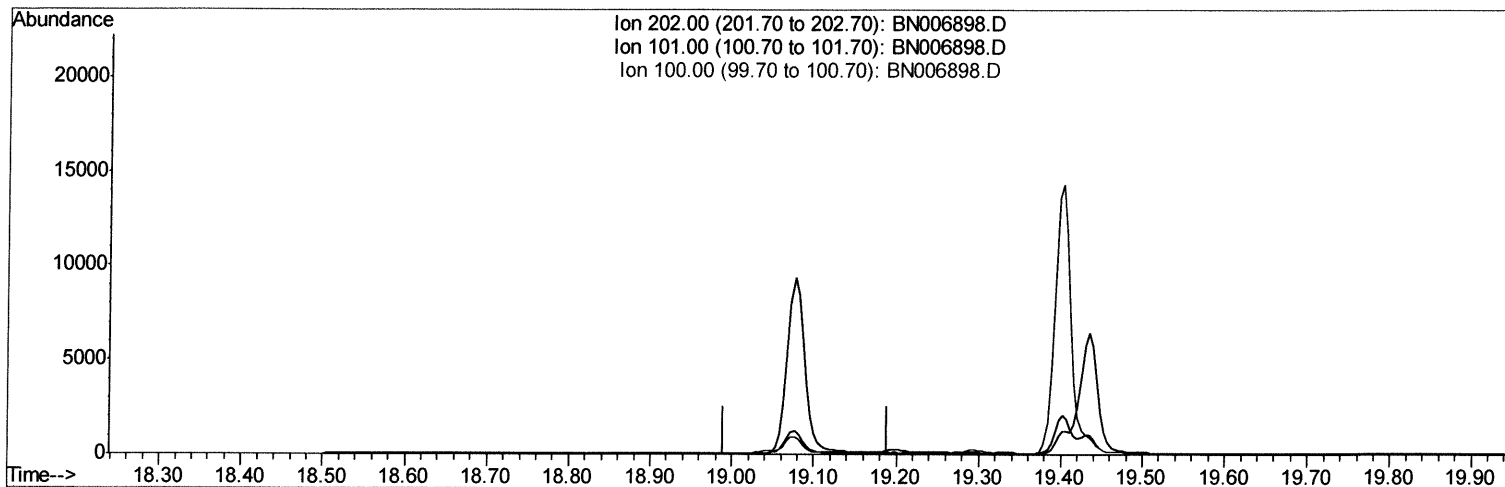
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
Data File : BN006898.D
Acq On : 18 Jul 2019 19:01
Operator : HP/JU
Sample : K3822-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BF4B5

Manual Integrations
APPROVED

mohammad
7/19/2019 3:59:37 PM

Quant Time: Jul 19 04:00:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 19 03:57:16 2019
Response via : Initial Calibration



TIC: BN006898.D

(15) Fluoranthene (C)

19.090min (-19.090) 0.00ng/ul

response 0

Ion	Exp%	Act%
202.00	100	0.00
101.00	13.20	0.00
100.00	9.90	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

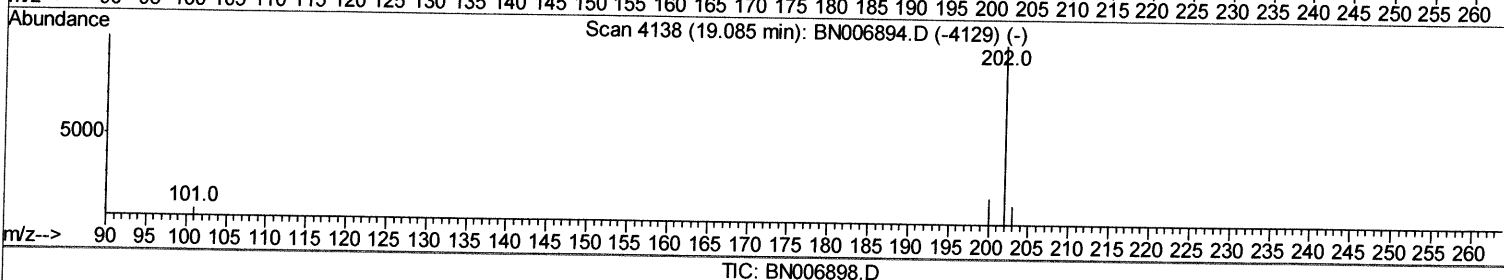
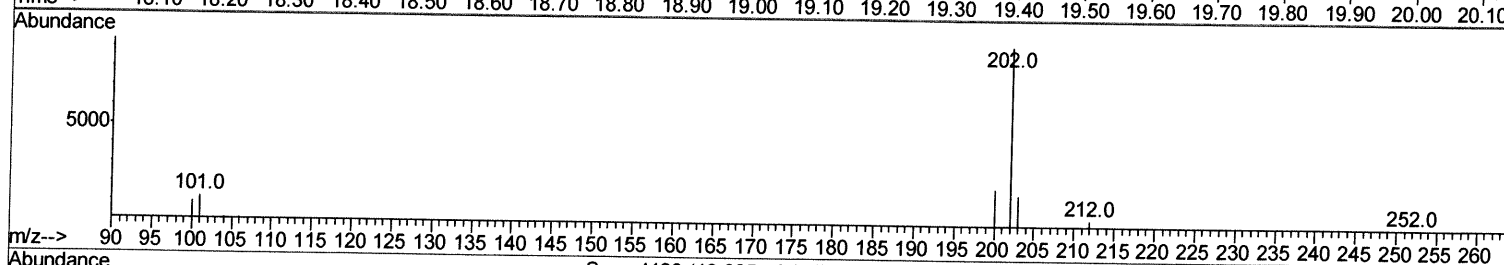
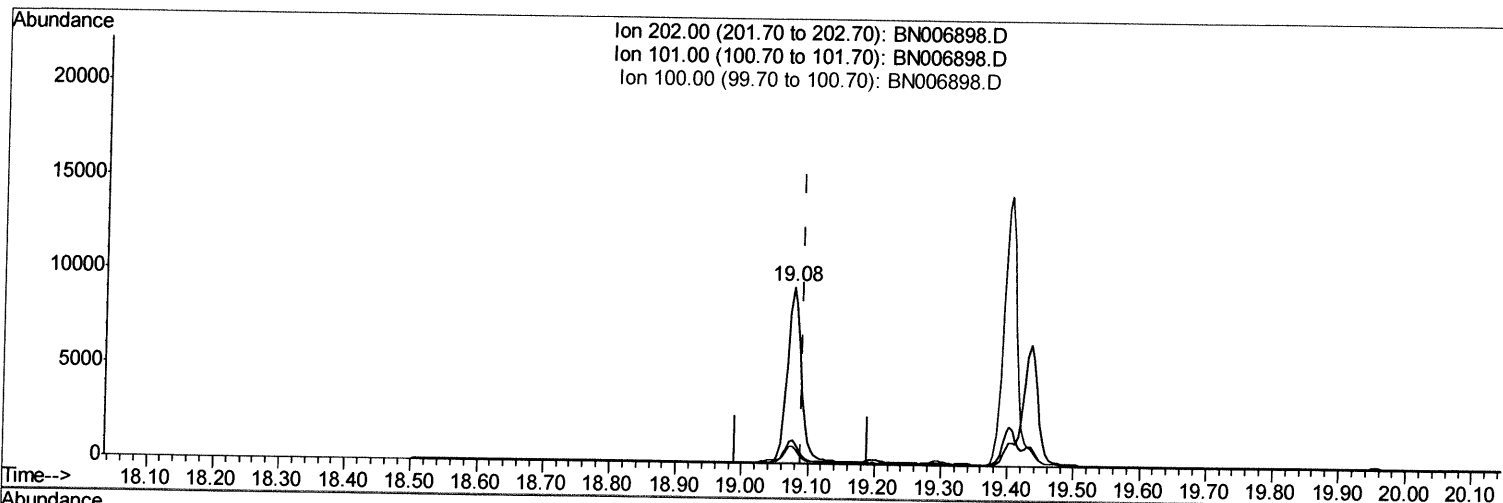
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
 Data File : BN006898.D
 Acq On : 18 Jul 2019 19:01
 Operator : HP/JU
 Sample : K3822-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BF4B5

Manual Integrations
 APPROVED

mohammad
 7/19/2019 3:59:37 PM

Quant Time: Jul 19 04:00:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 19 03:57:16 2019
 Response via : Initial Calibration



TIC: BN006898.D

(15) Fluoranthene (C)

19.076min (-0.014) 0.29ng/ul m

JU
 07/19/19

response 13937

Ion	Exp%	Act%
202.00	100	100
101.00	13.20	12.94
100.00	9.90	9.86
0.00	0.00	0.00

Quantitation Report (Qedit)

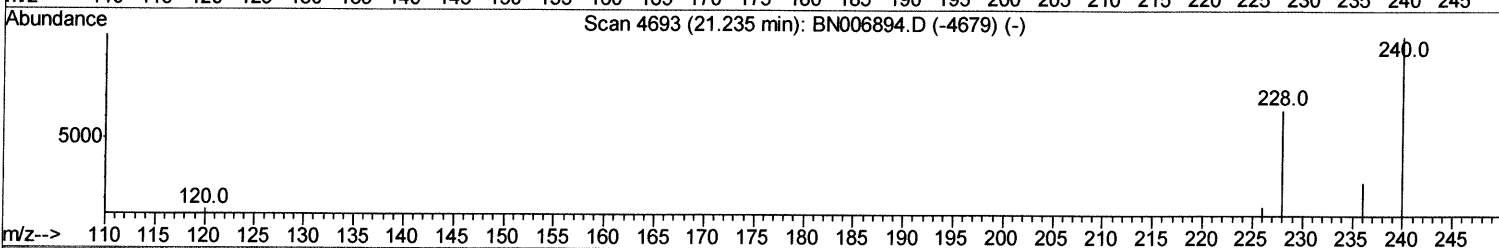
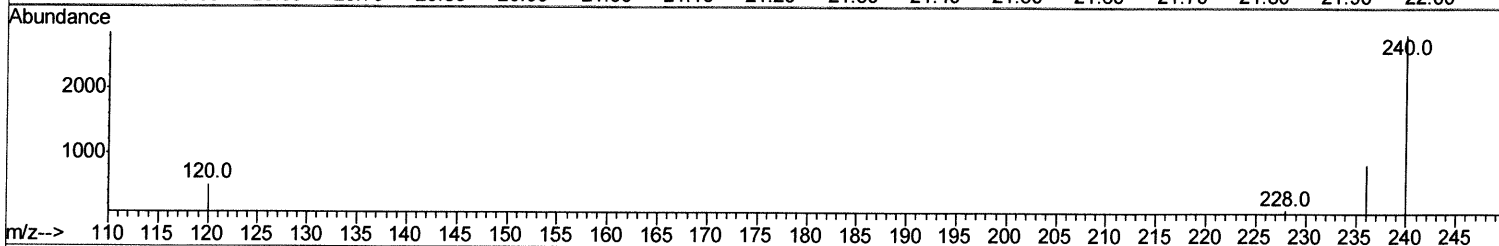
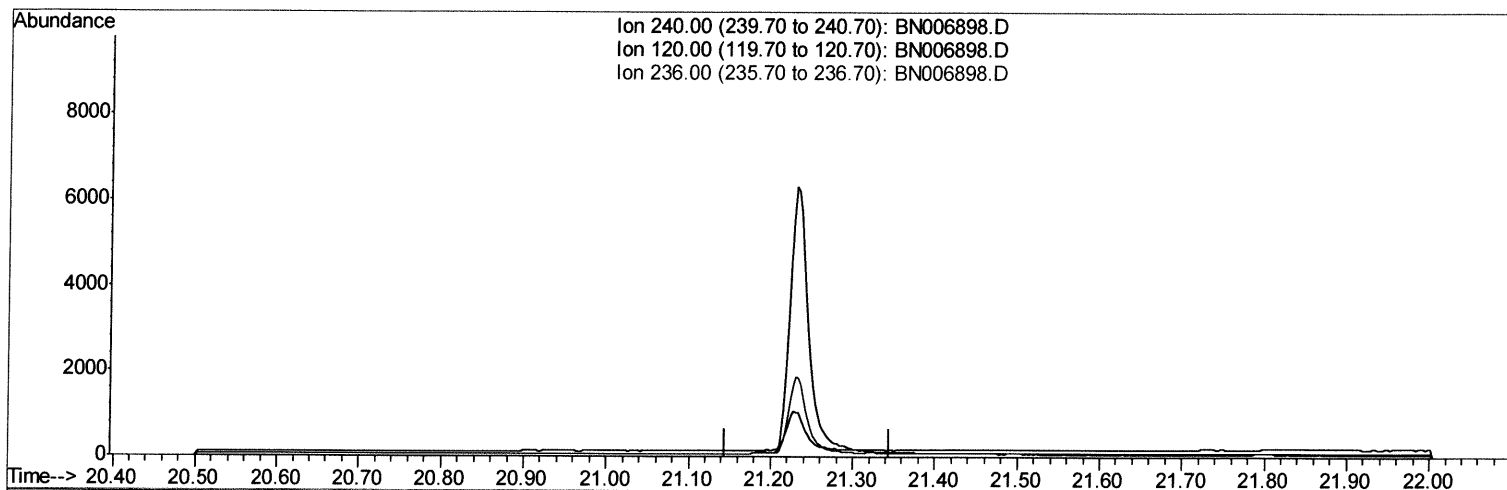
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
 Data File : BN006898.D
 Acq On : 18 Jul 2019 19:01
 Operator : HP/JU
 Sample : K3822-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
ClientSampleId :
 BF4B5

Manual Integrations
APPROVED

mohammad
 7/19/2019 3:59:37 PM

Quant Time: Jul 19 04:00:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 19 03:57:16 2019
 Response via : Initial Calibration



TIC: BN006898.D

(16) Chrysene-d12 (I)

21.245min (-21.245) 0.00ng/ul

response 0

Ion	Exp%	Act%
240.00	100	0.00
120.00	20.20	0.00#
236.00	30.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

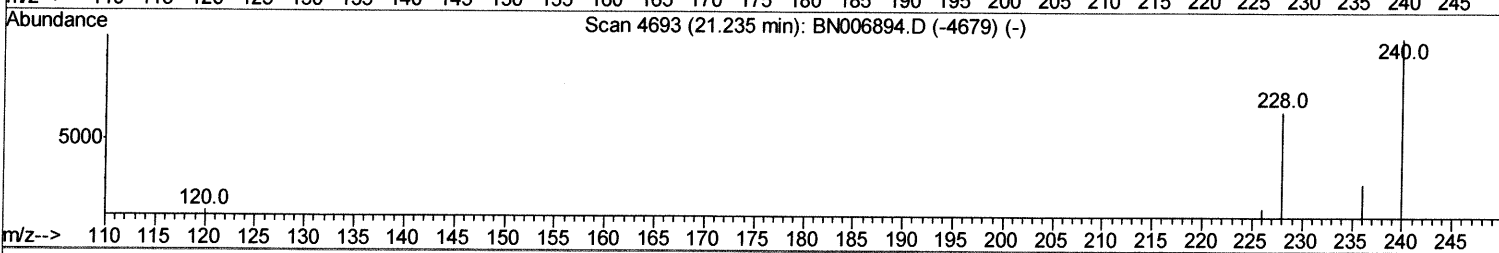
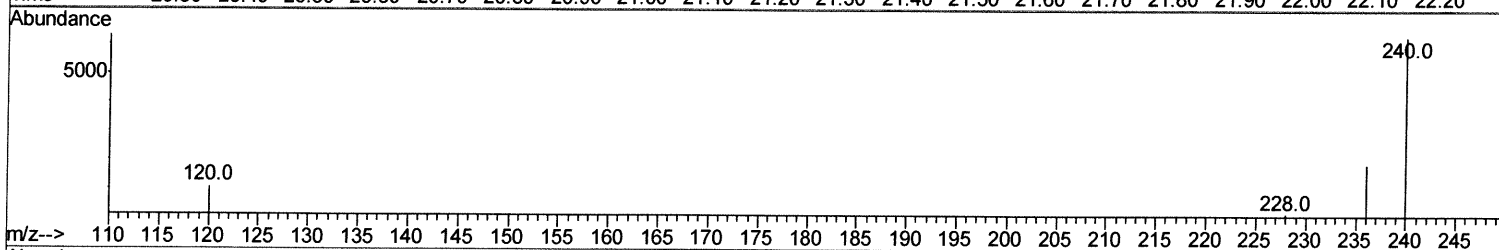
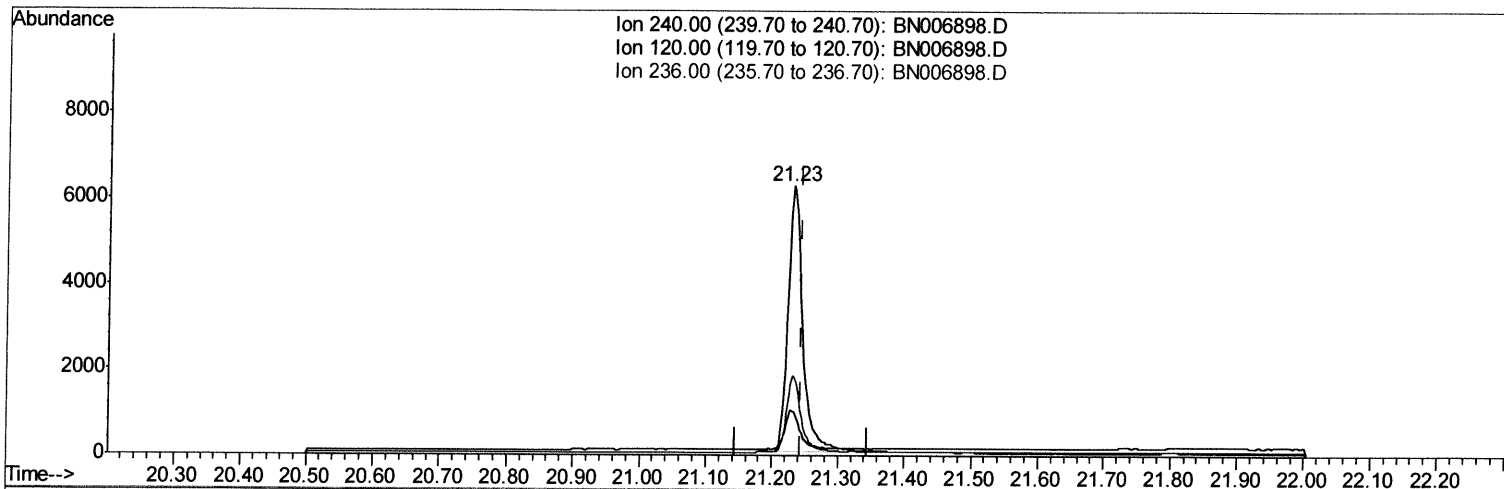
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
 Data File : BN006898.D
 Acq On : 18 Jul 2019 19:01
 Operator : HP/JU
 Sample : K3822-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 BF4B5

Manual Integrations
 APPROVED

mohammad
 7/19/2019 3:59:37 PM

Quant Time: Jul 19 04:00:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 19 03:57:16 2019
 Response via : Initial Calibration



TIC: BN006898.D

(16) Chrysene-d12 (I)

21.230min (-0.014) 0.40ng/ul m

JU
 21/19/19

response 9764

Ion	Exp%	Act%
240.00	100	100
120.00	20.20	16.50
236.00	30.00	29.60
0.00	0.00	0.00

Quantitation Report (Qedit)

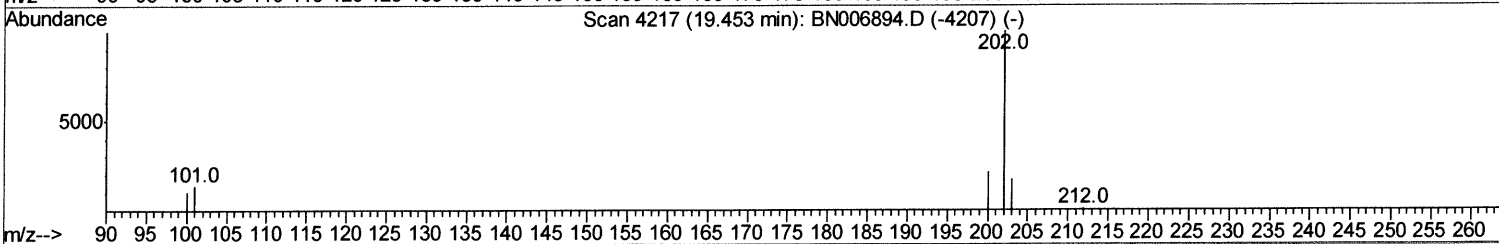
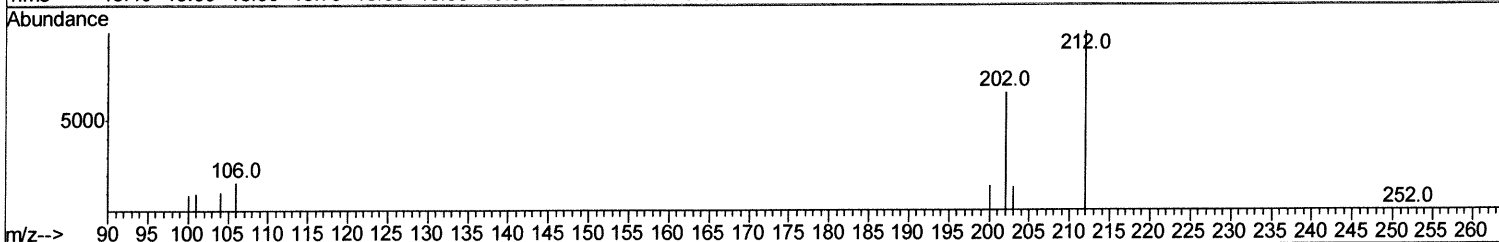
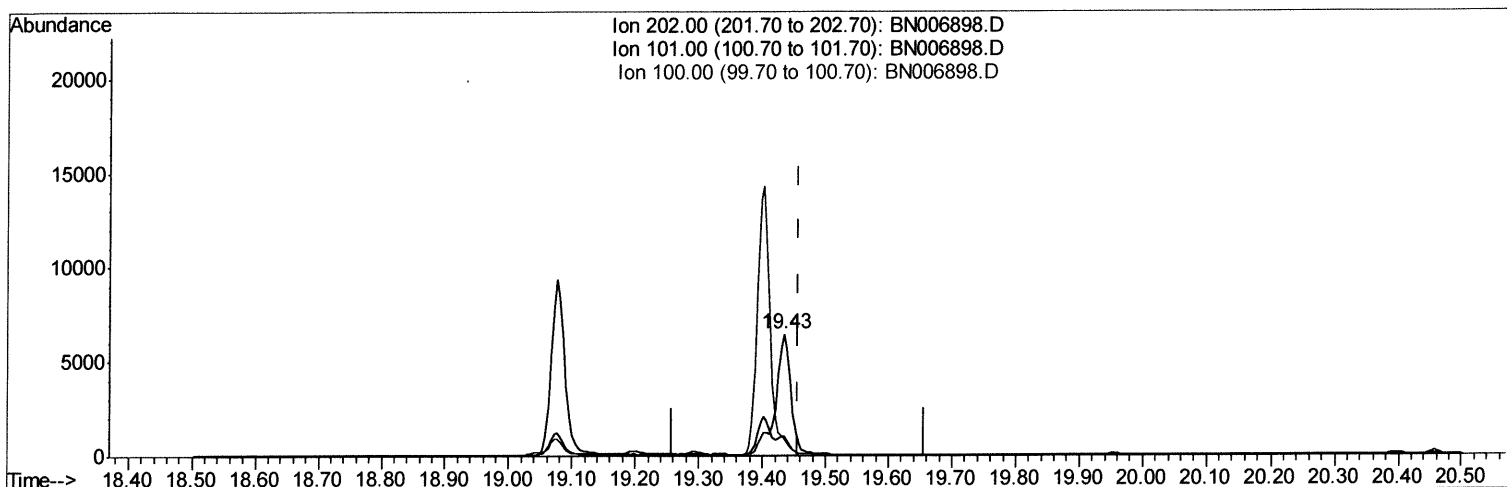
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
 Data File : BN006898.D
 Acq On : 18 Jul 2019 19:01
 Operator : HP/JU
 Sample : K3822-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BF4B5

Manual Integrations
 APPROVED

mohammad
 7/19/2019 3:59:37 PM

Quant Time: Jul 19 04:03:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 19 03:57:16 2019
 Response via : Initial Calibration



TIC: BN006898.D

(17) Pyrene

19.434min (-0.023) 0.25ng/ul

response 11124

Ion	Exp%	Act%
202.00	100	100
101.00	15.20	15.65
100.00	12.30	14.41
0.00	0.00	0.00

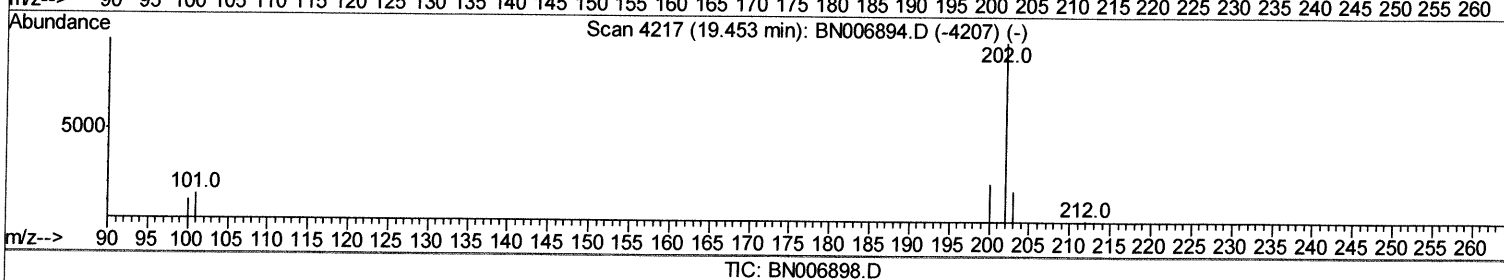
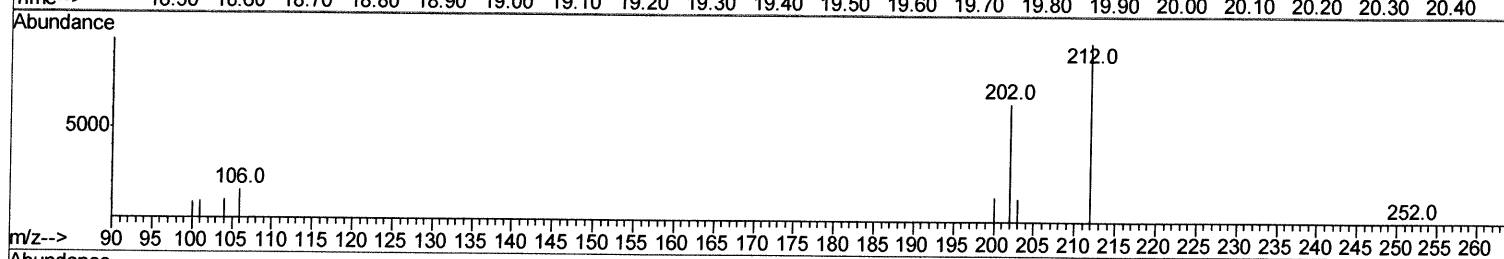
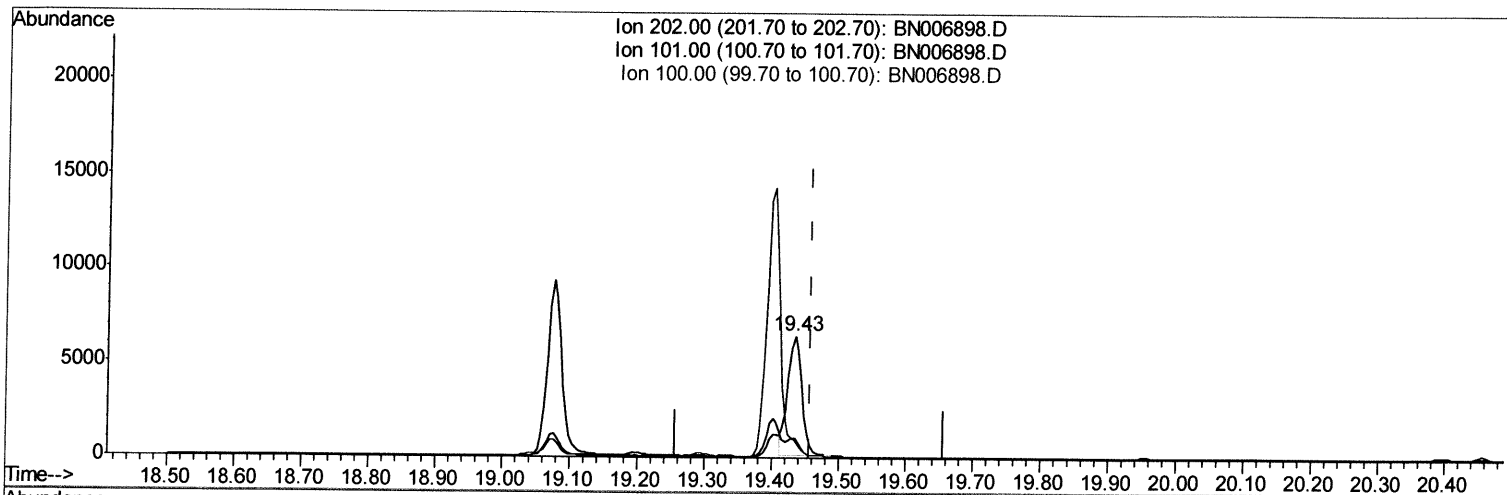
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
Data File : BN006898.D
Acq On : 18 Jul 2019 19:01
Operator : HP/JU
Sample : K3822-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BF4B5

Manual Integrations
APPROVED

mohammad
7/19/2019 3:59:37 PM

Quant Time: Jul 19 04:03:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 19 03:57:16 2019
Response via : Initial Calibration



(17) Pyrene

19.434min (-0.023) 0.21ng/ul m *JU 07/19/19*

response 9410

Ion	Exp%	Act%
202.00	100	100
101.00	15.20	15.65
100.00	12.30	14.41
0.00	0.00	0.00

Quantitation Report (Qedit)

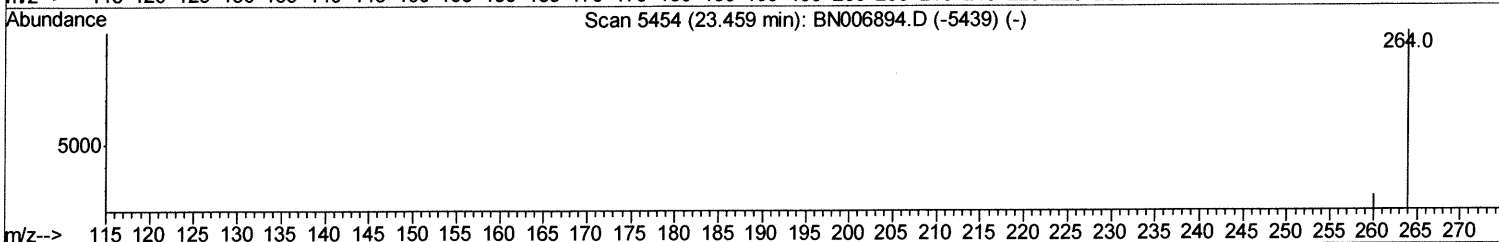
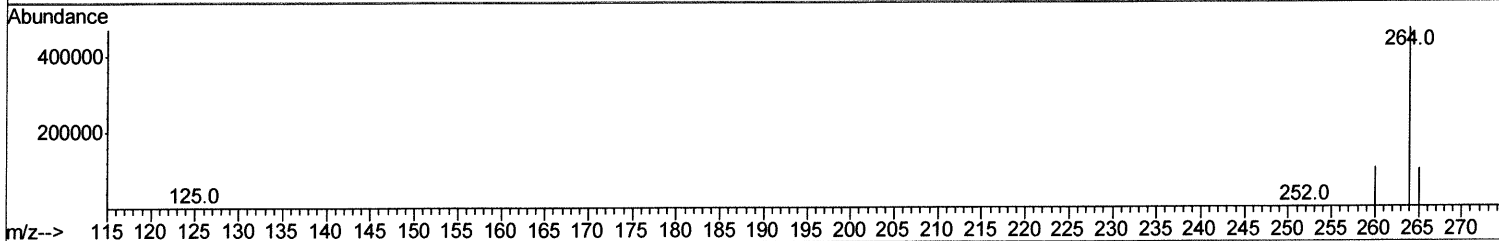
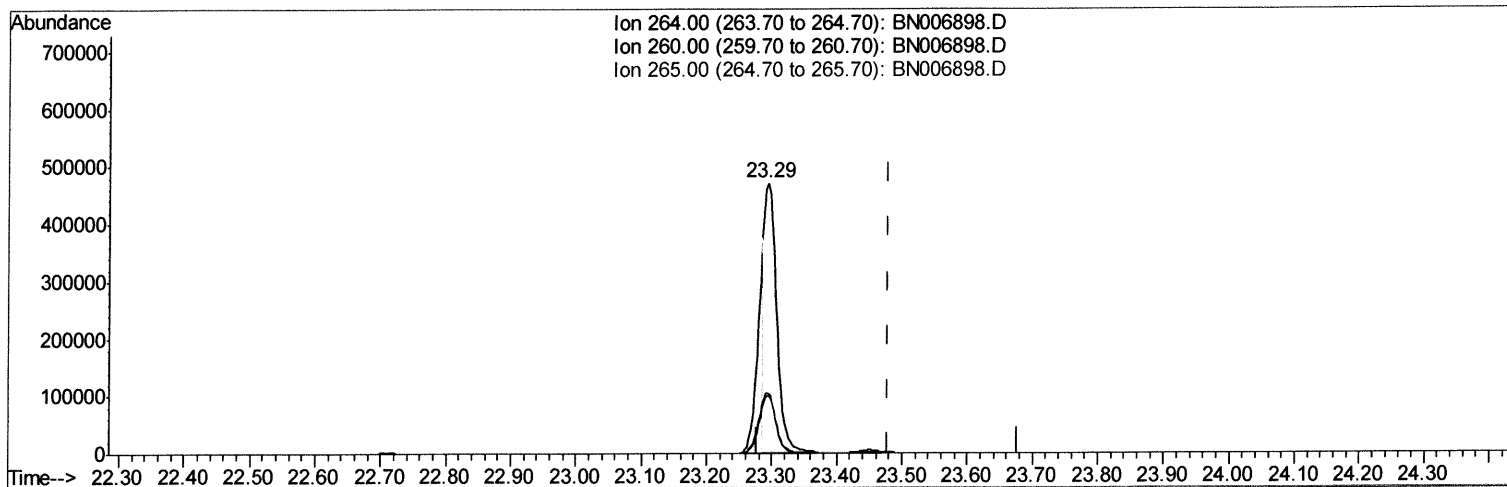
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
Data File : BN006898.D
Acq On : 18 Jul 2019 19:01
Operator : HP/JU
Sample : K3822-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BF4B5

Manual Integrations
APPROVED

mohammad
7/19/2019 3:59:37 PM

Quant Time: Jul 19 04:03:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 19 03:57:16 2019
Response via : Initial Calibration



TIC: BN006898.D

(20) Perylene-d12 (I)

23.294min (-0.184) 0.40ng/ul

response 625962

Ion	Exp%	Act%
264.00	100	100
260.00	27.80	22.41
265.00	36.10	21.48#
0.00	0.00	0.00

Quantitation Report (Qedit)

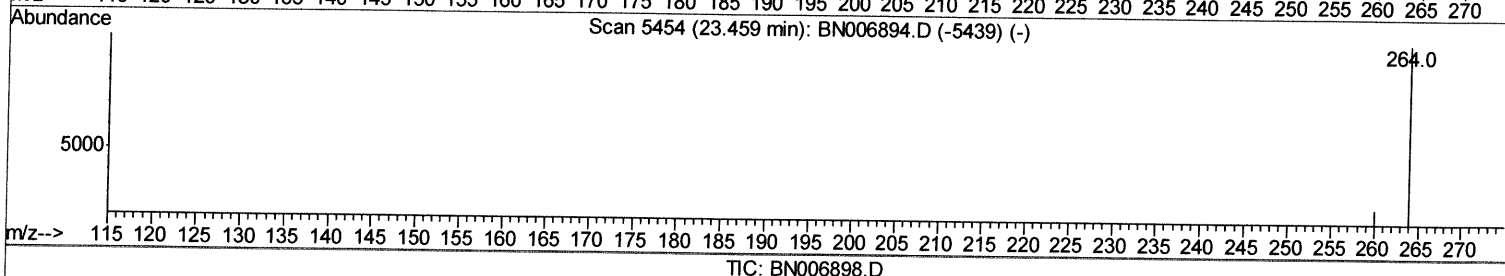
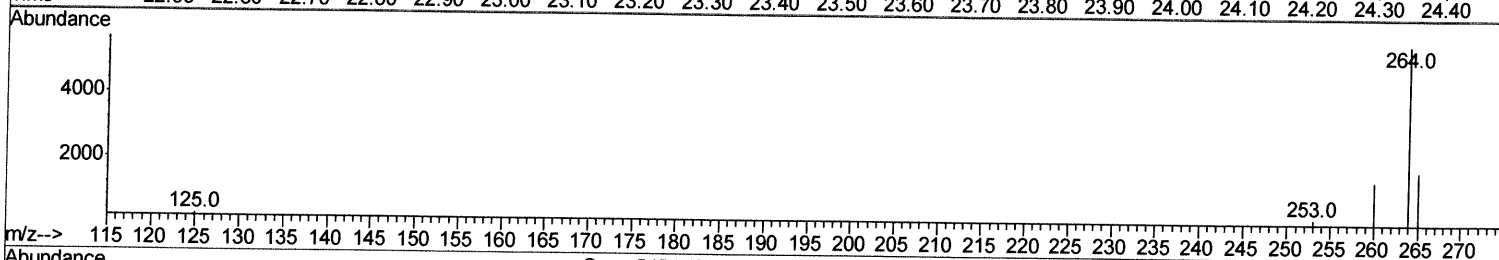
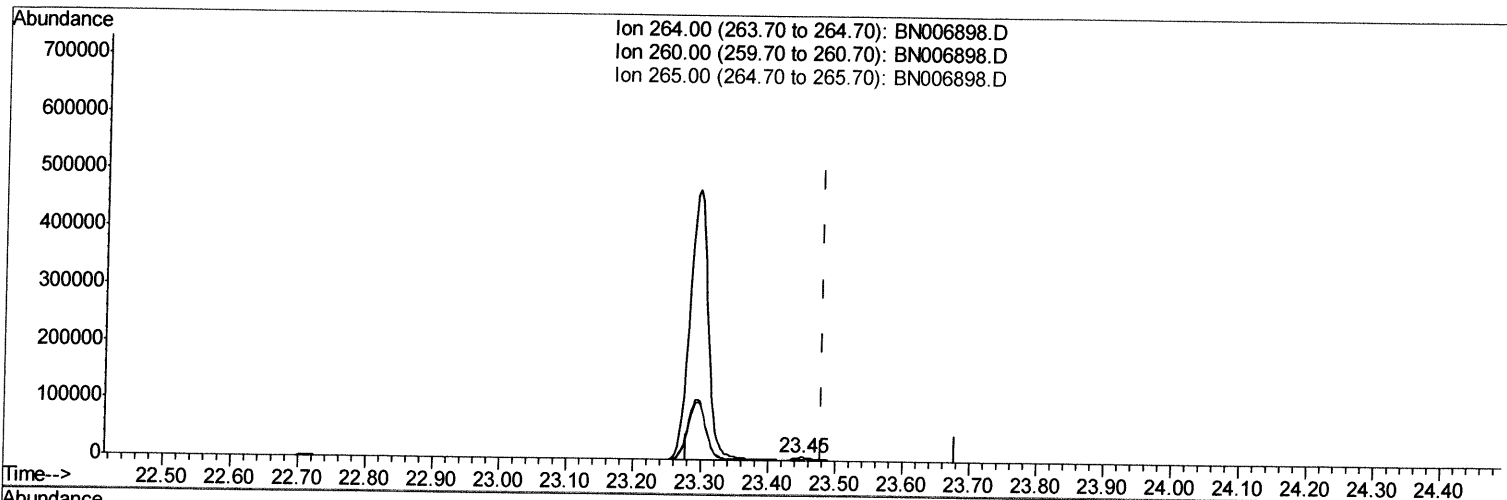
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
 Data File : BN006898.D
 Acq On : 18 Jul 2019 19:01
 Operator : HP/JU
 Sample : K3822-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BF4B5

Manual Integrations
 APPROVED

mohammad
 7/19/2019 3:59:37 PM

Quant Time: Jul 19 04:03:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 19 03:57:16 2019
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.449min (-0.029) 0.40ng/ul m *JU 07/19/19*

response 8557

Ion	Exp%	Act%
264.00	100	100
260.00	27.80	26.59
265.00	36.10	31.87
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
 Data File : BN006898.D
 Acq On : 18 Jul 2019 19:01
 Operator : HP/JU
 Sample : K3822-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BF4B5

Manual Integrations
 APPROVED

mohammad
 7/19/2019 3:59:37 PM

Quant Time: Jul 19 04:04:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 19 03:57:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	2879	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.35	136	10638	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.24	164	5520	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	11914m >	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	9764m >	0.40	ng/ul	-0.01
20) Perylene-d12	23.45	264	8557m >	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	4248	0.26	ng/ul	-0.01
14) Fluoranthene-d10	19.04	212	10428m >	0.30	ng/ul	-0.02
Target Compounds						
3) Naphthalene	10.40	128	4174	0.137	ng/ul#	94
5) 2-Methylnaphthalene	12.05	142	4699	0.228	ng/ul	99
8) Acenaphthene	14.30	153	7482	0.341	ng/ul	99
9) Fluorene	15.29	166	8524	0.354	ng/ul	99
12) Phenanthrene	17.04	178	51532	1.345	ng/ul	99
13) Anthracene	17.12	178	3141m >	0.095	ng/ul	
15) Fluoranthene	19.08	202	13937m >	0.294	ng/ul	
17) Pyrene	19.43	202	9410m >	0.211	ng/ul	

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