

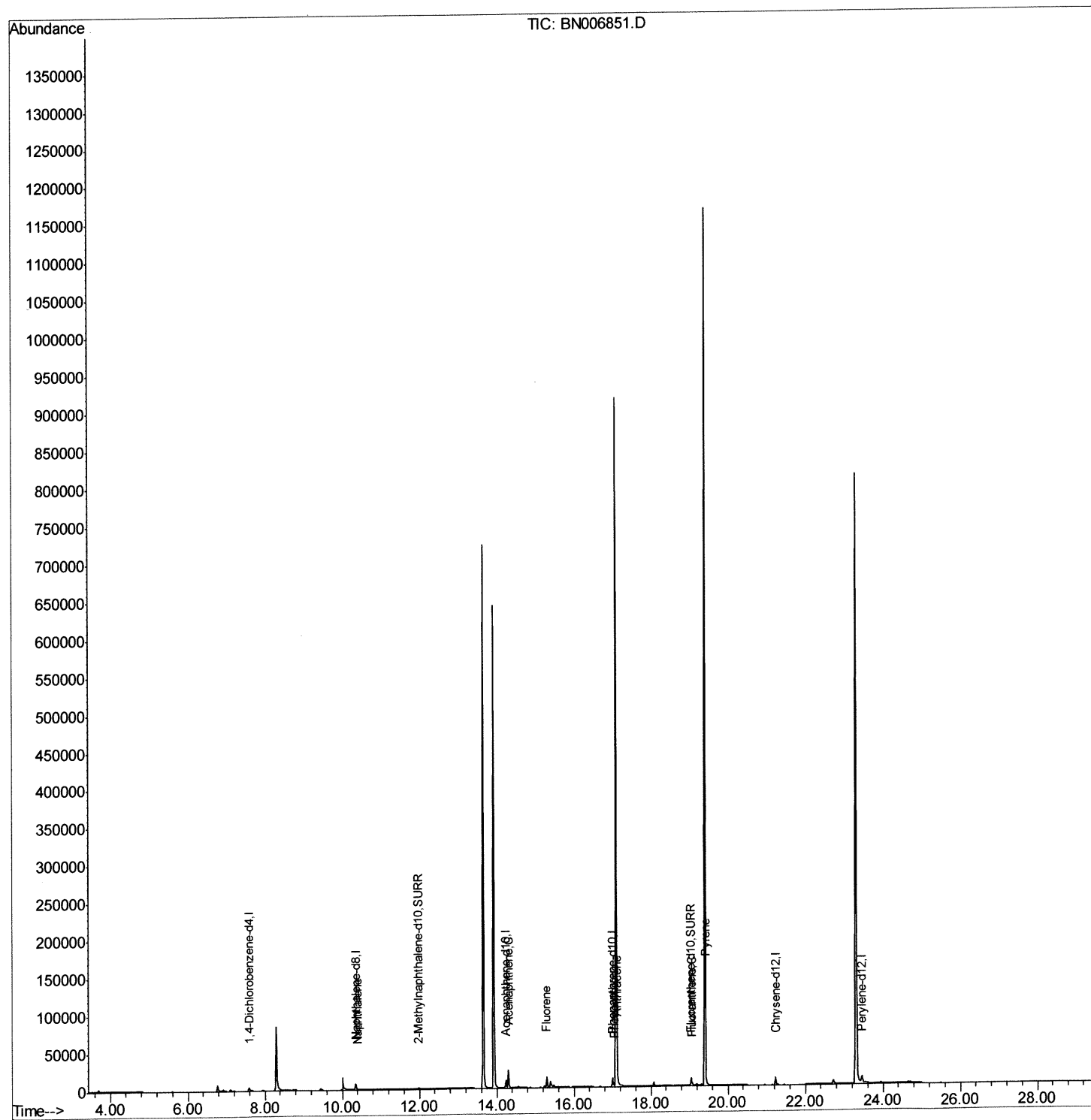
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071519\
Data File : BN006851.D
Acq On : 15 Jul 2019 16:04
Operator : HP/JU
Sample : K3762-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BF4B6

Manual Integrations
APPROVED

mohammad
7/16/2019 8:38:09 AM

Quant Time: Jul 15 17:56:51 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 12 06:39:20 2019
Response via : Initial Calibration



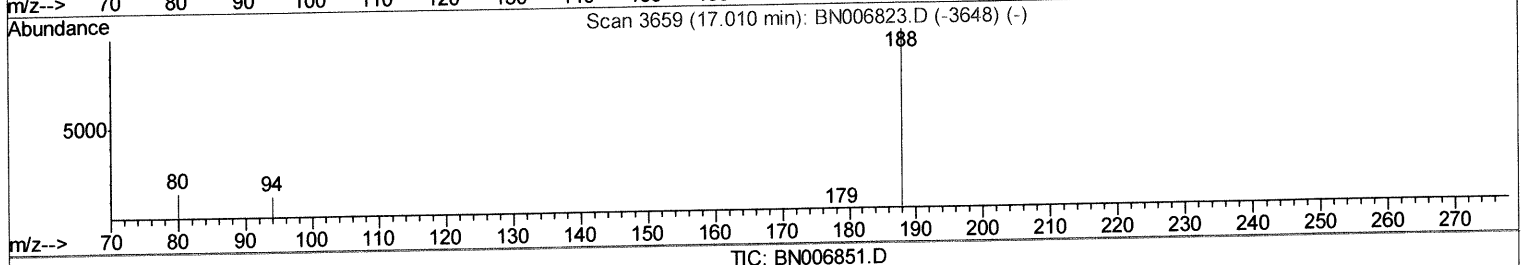
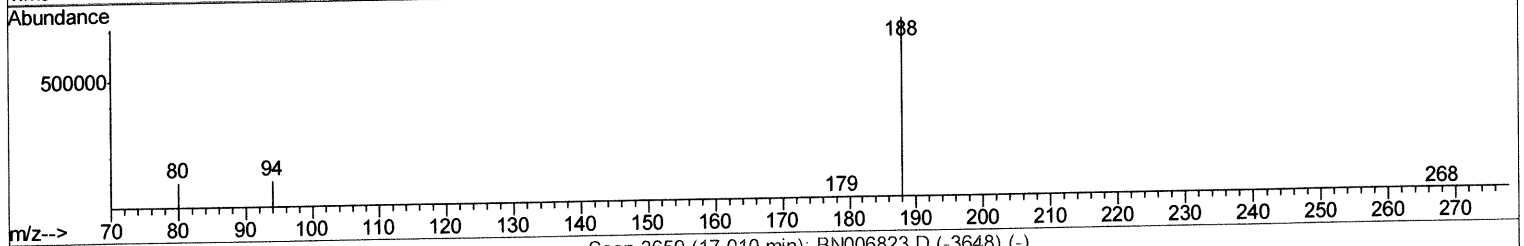
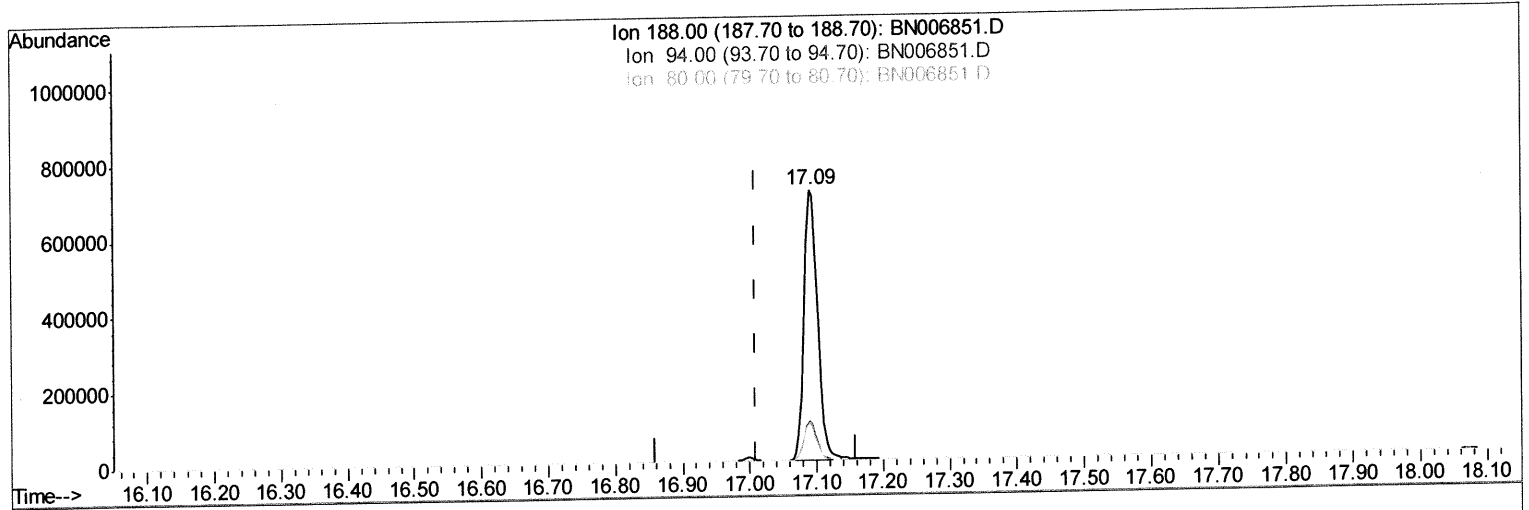
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071519\
Data File : BN006851.D
Acq On : 15 Jul 2019 16:04
Operator : HP/JU
Sample : K3762-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BF4B6

Manual Integrations
APPROVED

mohammad
7/16/2019 8:38:09 AM

Quant Time: Jul 15 17:52:15 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 12 06:39:20 2019
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.090min (+0.080) 0.40ng/ul

response 995485

Ion	Exp%	Act%
188.00	100	100
94.00	13.70	14.56
80.00	14.80	13.98
0.00	0.00	0.00

Quantitation Report (Qedit)

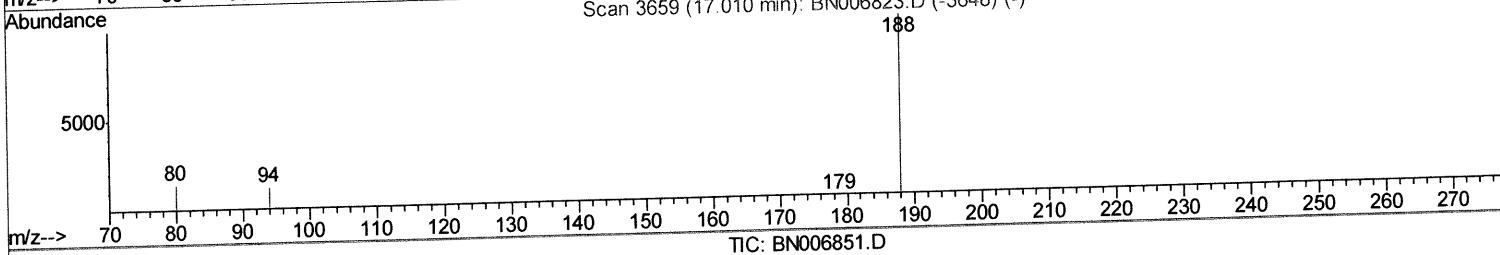
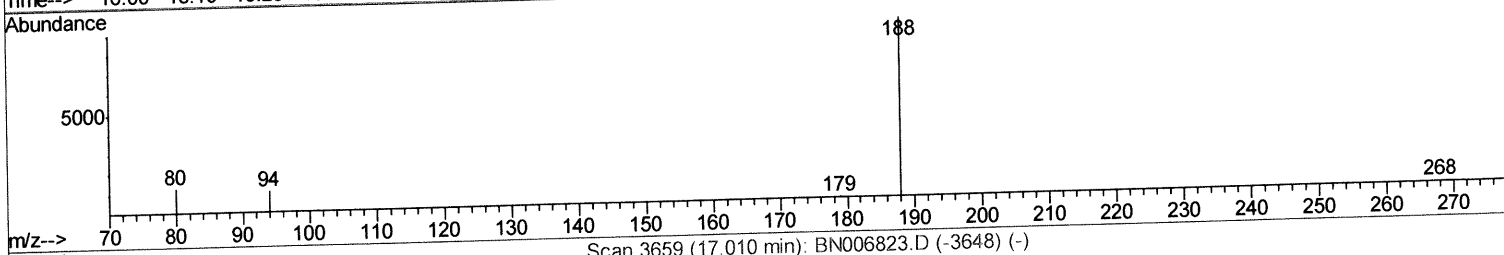
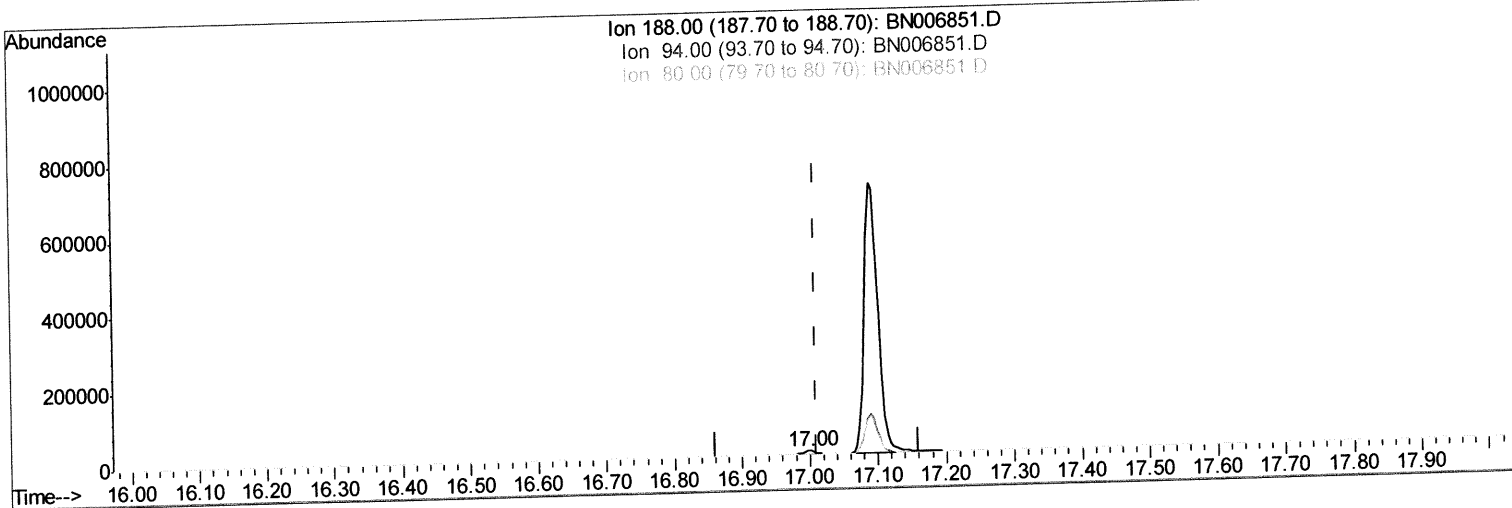
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071519\
 Data File : BN006851.D
 Acq On : 15 Jul 2019 16:04
 Operator : HP/JU
 Sample : K3762-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BF4B6

Manual Integrations
 APPROVED

mohammad
 7/16/2019 8:38:09 AM

Quant Time: Jul 15 17:52:15 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 12 06:39:20 2019
 Response via : Initial Calibration



(10) Phenanthrene-d10 (l)

17.002min (-0.009) 0.40ng/ul m *JG 6/16/19*

response 12585

Ion	Exp%	Act%
188.00	100	100
94.00	13.70	12.03
80.00	14.80	13.87
0.00	0.00	0.00

Quantitation Report (Qedit)

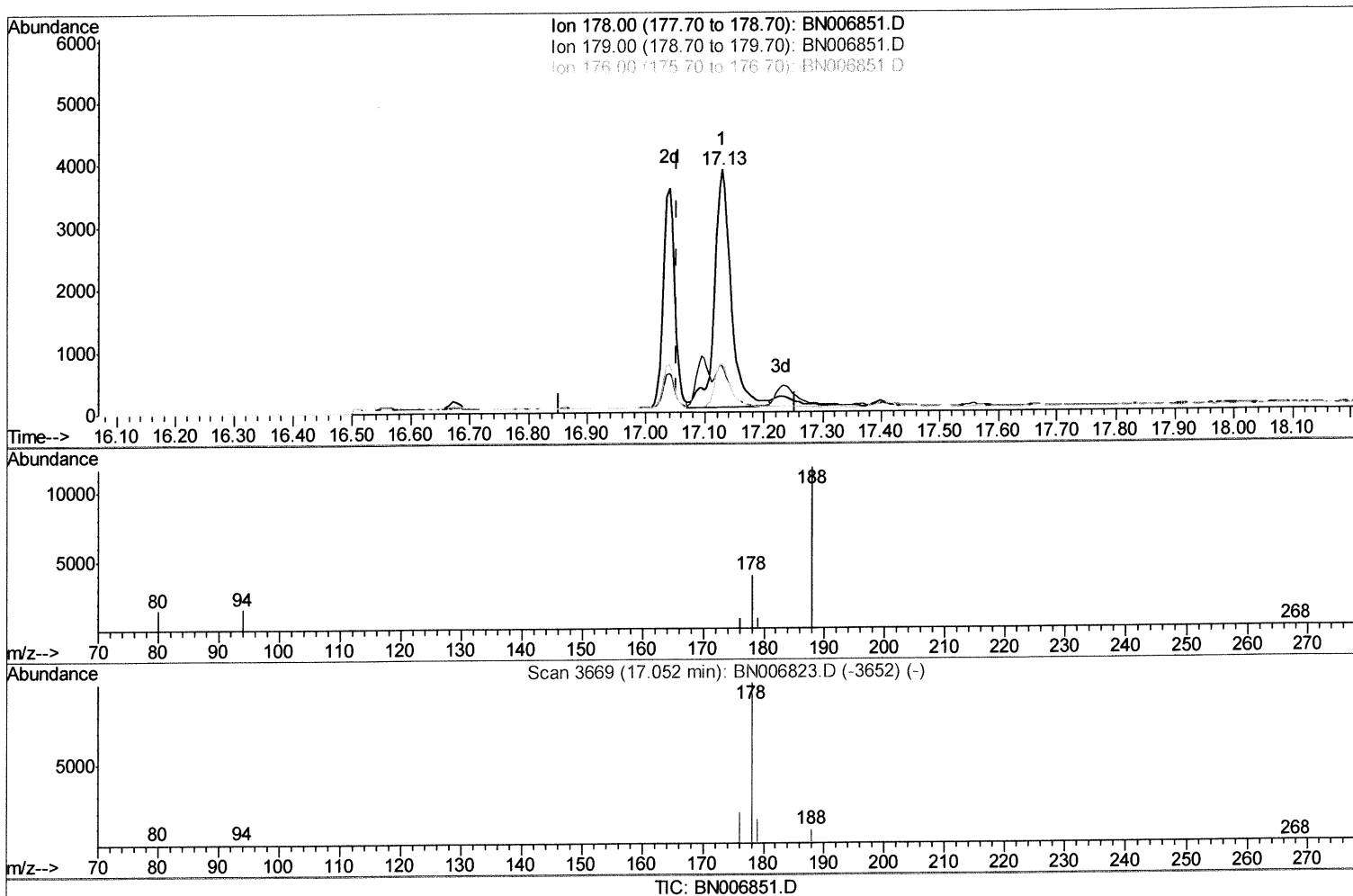
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071519\
Data File : BN006851.D
Acq On : 15 Jul 2019 16:04
Operator : HP/JU
Sample : K3762-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BF4B6

Manual Integrations
APPROVED

mohammad
7/16/2019 8:38:09 AM

Quant Time: Jul 15 17:53:33 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 12 06:39:20 2019
Response via : Initial Calibration



(12) Phenanthrene

17.128min (+0.076) 0.18ng/ul

response 7488

Ion	Exp%	Act%
178.00	100	100
179.00	15.80	18.95
176.00	19.80	20.13
0.00	0.00	0.00

Quantitation Report (Qedit)

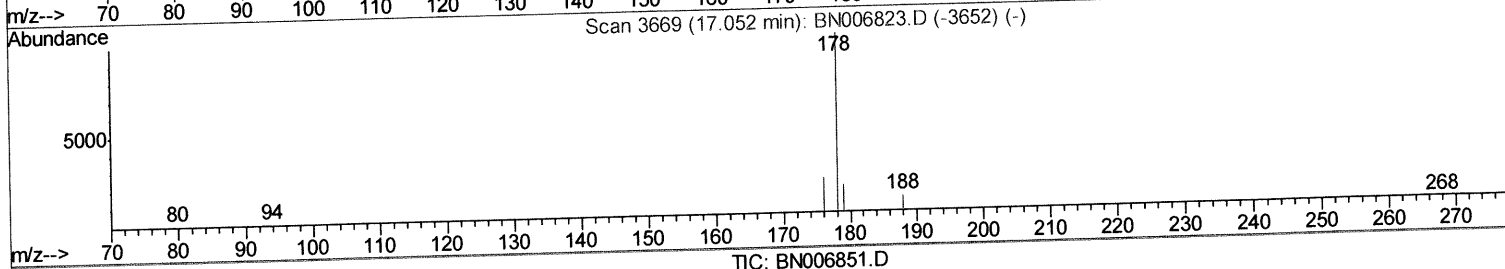
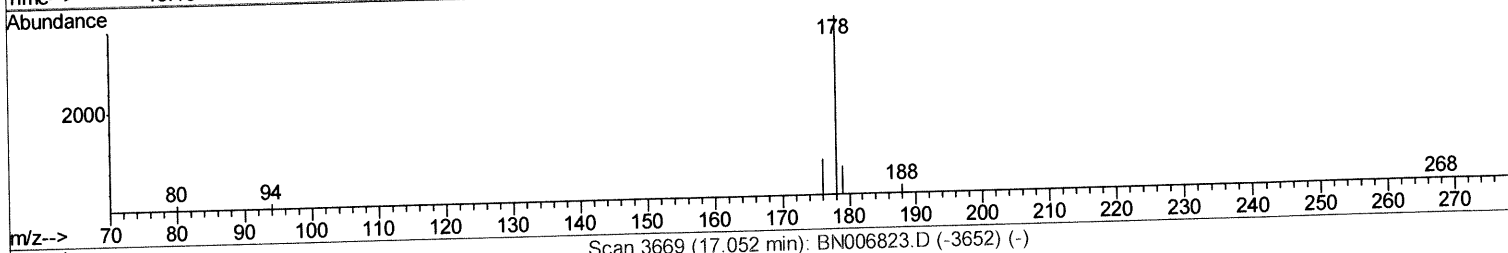
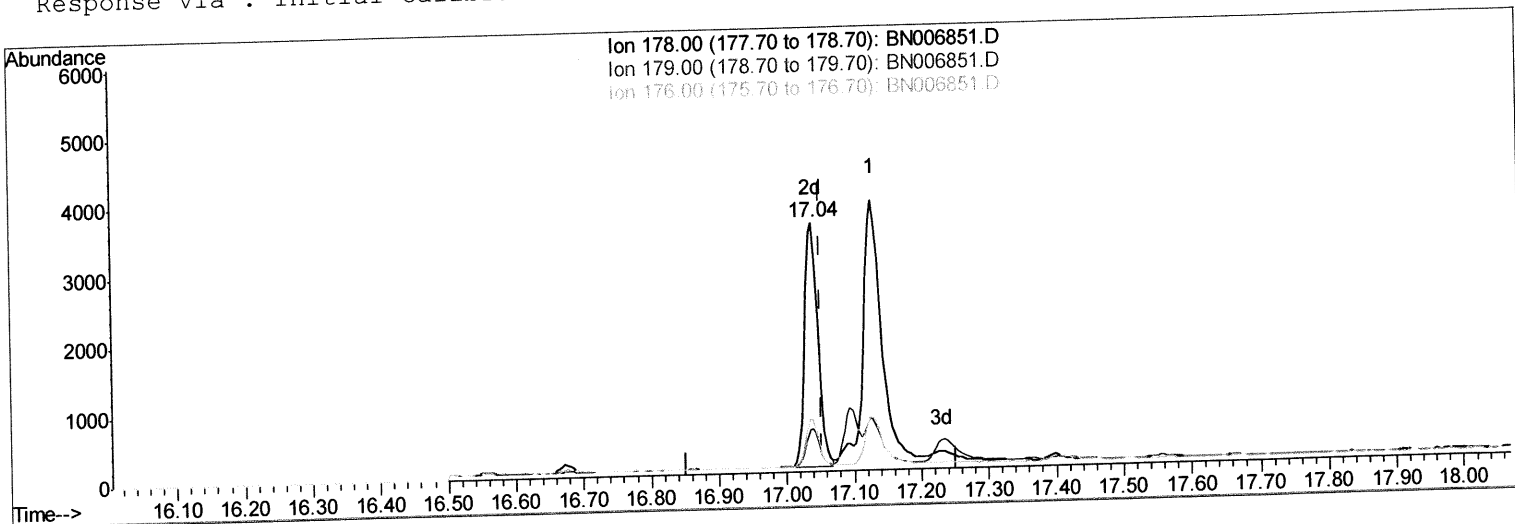
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071519\
Data File : BN006851.D
Acq On : 15 Jul 2019 16:04
Operator : HP/JU
Sample : K3762-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BF4B6

Manual Integrations
APPROVED

mohammad
7/16/2019 8:38:09 AM

Quant Time: Jul 15 17:53:33 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 12 06:39:20 2019
Response via : Initial Calibration



(12) Phenanthrene

17.040min (-0.013) 0.12ng/ul m *Ju 07/16/19*

response 4832

Ion	Exp%	Act%
178.00	100	100
179.00	15.80	17.02
176.00	19.80	21.09
0.00	0.00	0.00

Quantitation Report (Qedit)

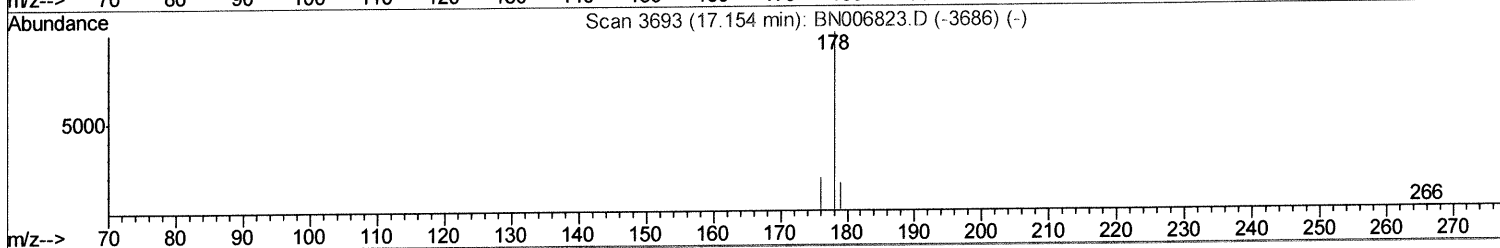
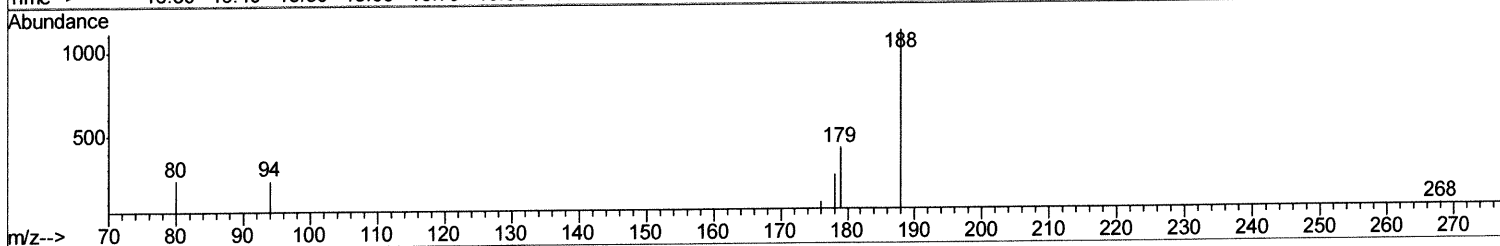
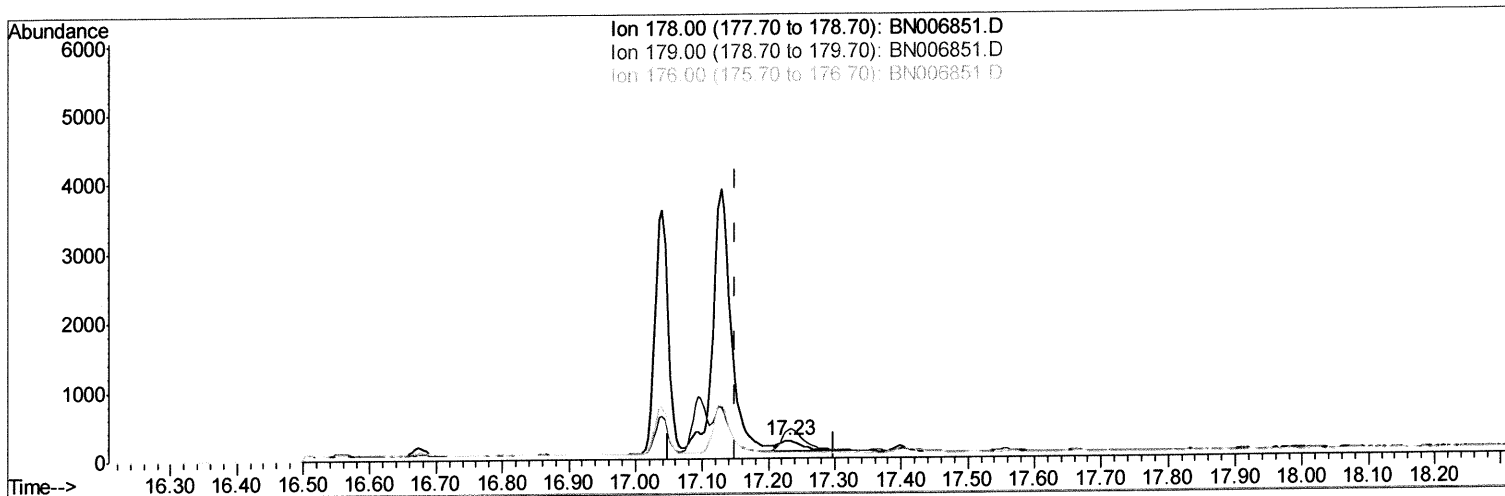
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071519\
 Data File : BN006851.D
 Acq On : 15 Jul 2019 16:04
 Operator : HP/JU
 Sample : K3762-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BF4B6

Manual Integrations
 APPROVED

mohammad
 7/16/2019 8:38:09 AM

Quant Time: Jul 15 17:53:33 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 12 06:39:20 2019
 Response via : Initial Calibration



TIC: BN006851.D

(13) Anthracene

17.230min (+0.080) 0.01ng/ul

response 337

Ion	Exp%	Act%
178.00	100	100
179.00	15.90	160.39#
176.00	19.70	35.69#
0.00	0.00	0.00

Quantitation Report (Qedit)

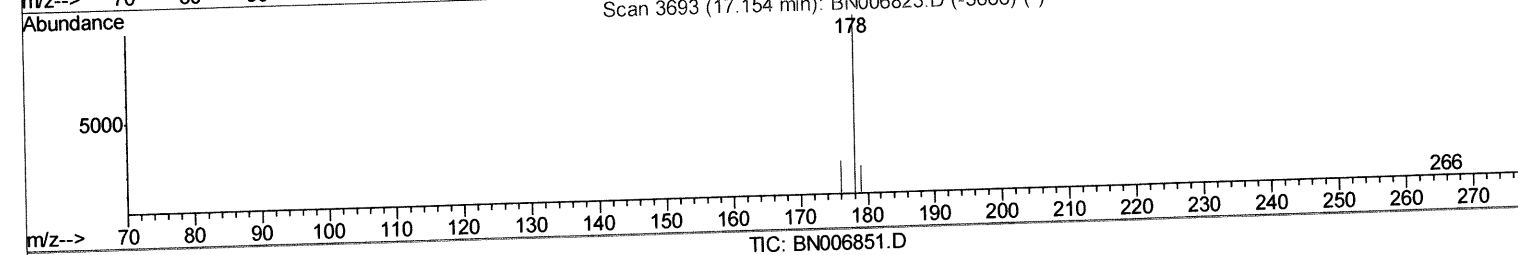
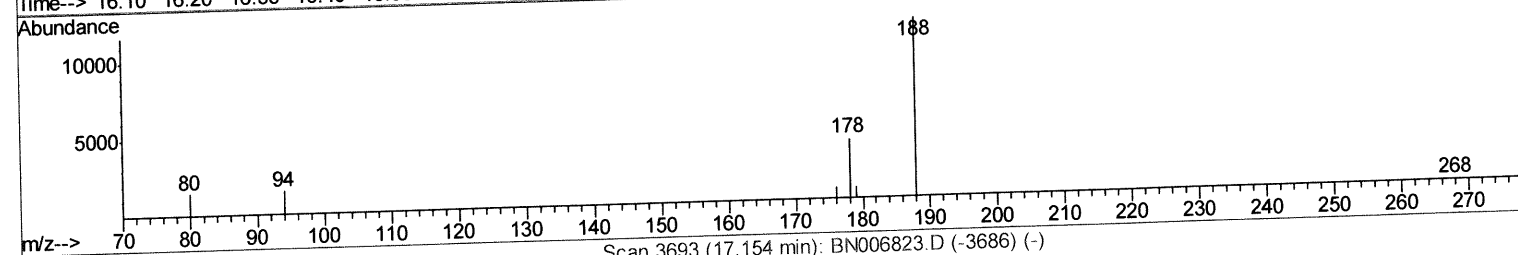
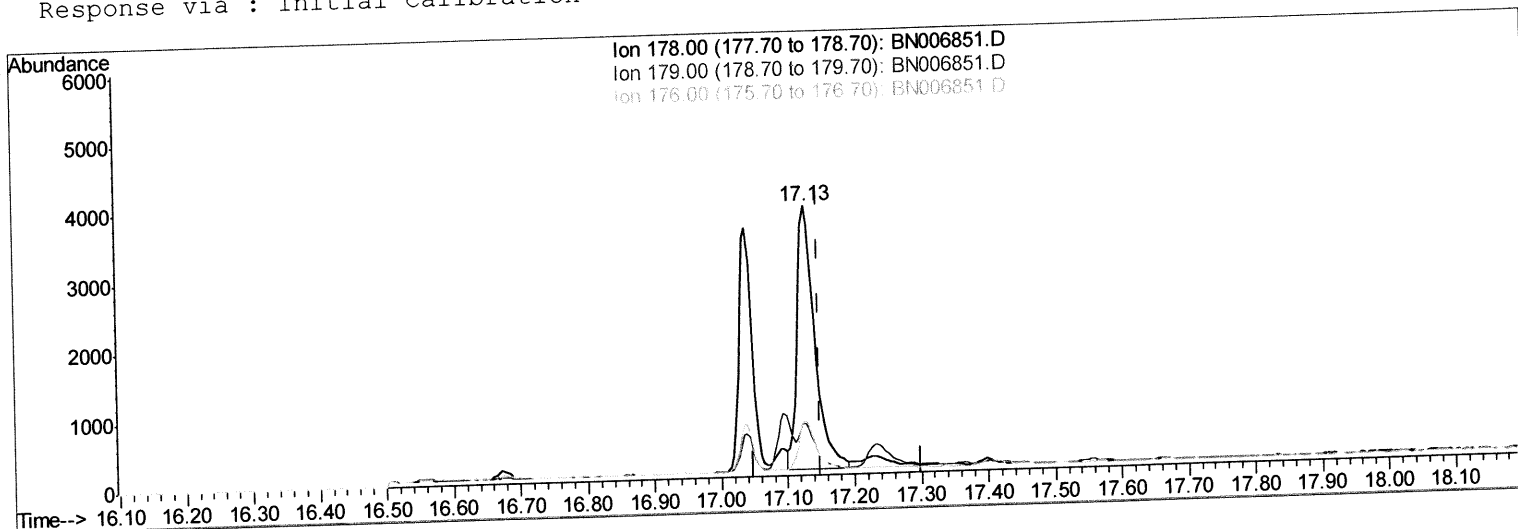
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071519\
 Data File : BN006851.D
 Acq On : 15 Jul 2019 16:04
 Operator : HP/JU
 Sample : K3762-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BF4B6

Manual Integrations
 APPROVED

mohammad
 7/16/2019 8:38:09 AM

Quant Time: Jul 15 17:53:33 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 12 06:39:20 2019
 Response via : Initial Calibration



(13) Anthracene

17.128min (-0.021) 0.20ng/ul m

JU
 07/16/19

response 7049

Ion	Exp%	Act%
178.00	100	100
179.00	15.90	18.95
176.00	19.70	20.13
0.00	0.00	0.00

Quantitation Report (Qedit)

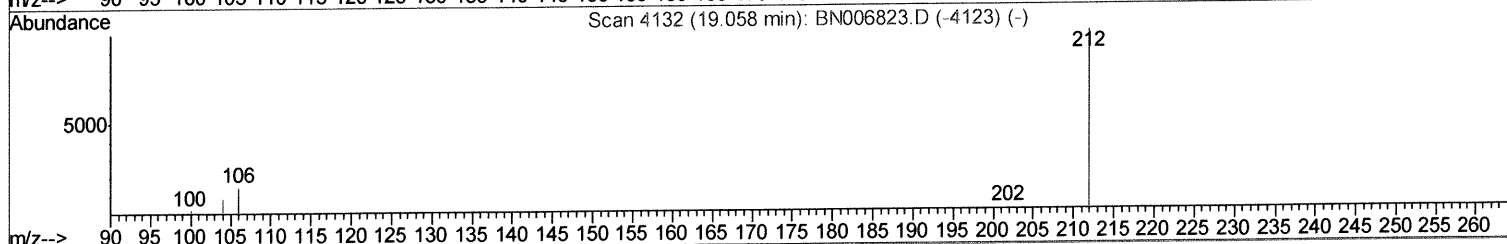
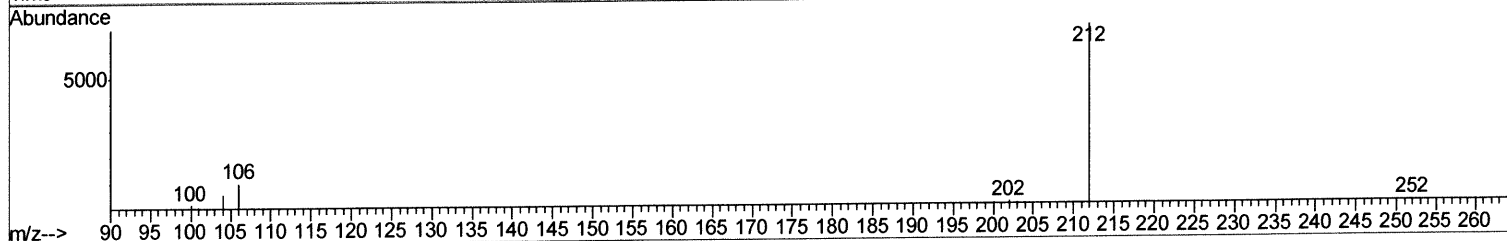
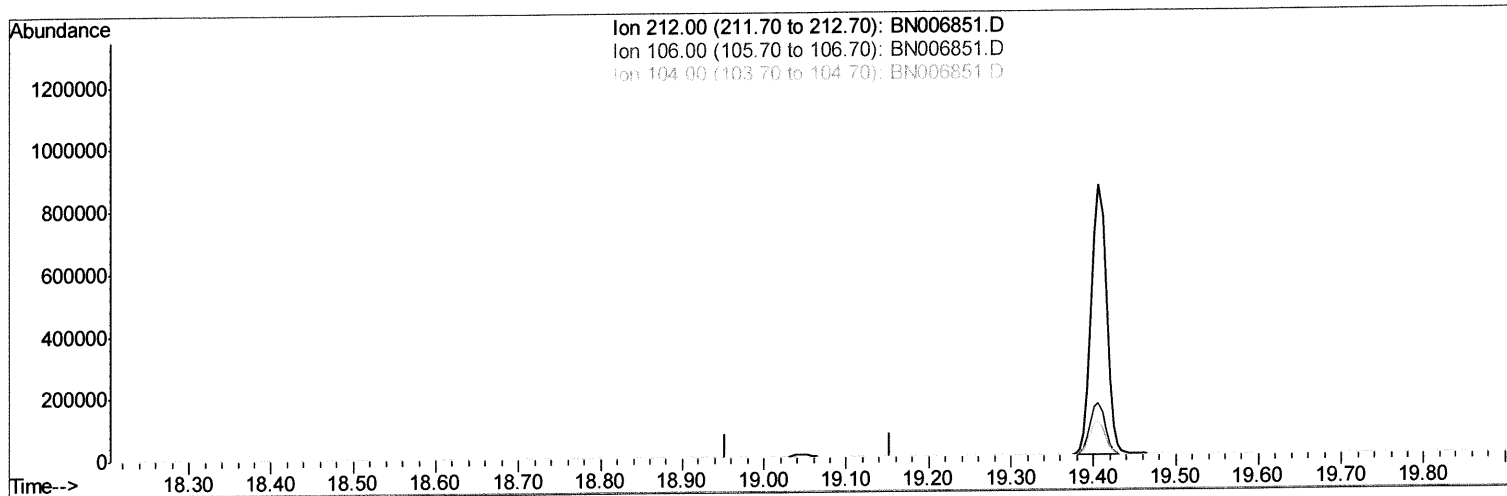
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071519\
Data File : BN006851.D
Acq On : 15 Jul 2019 16:04
Operator : HP/JU
Sample : K3762-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BF4B6

Manual Integrations
APPROVED

mohammad
7/16/2019 8:38:09 AM

Quant Time: Jul 15 17:53:33 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 12 06:39:20 2019
Response via : Initial Calibration



TIC: BN006851.D

(14) Fluoranthene-d10 (SURR)

19.053min (-19.053) 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)

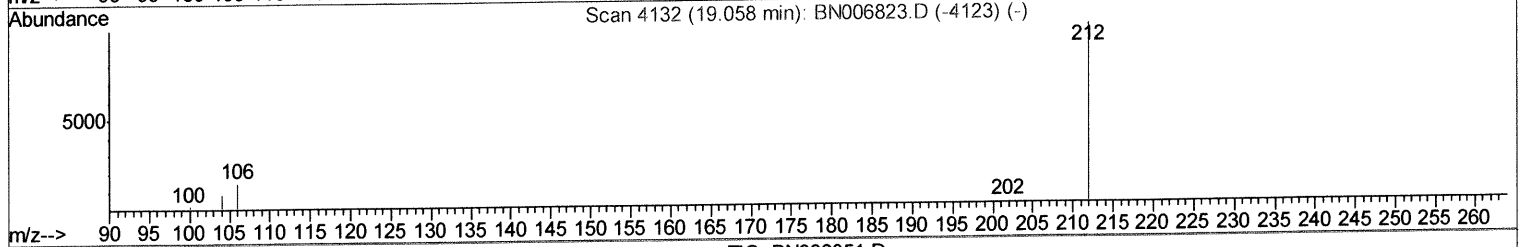
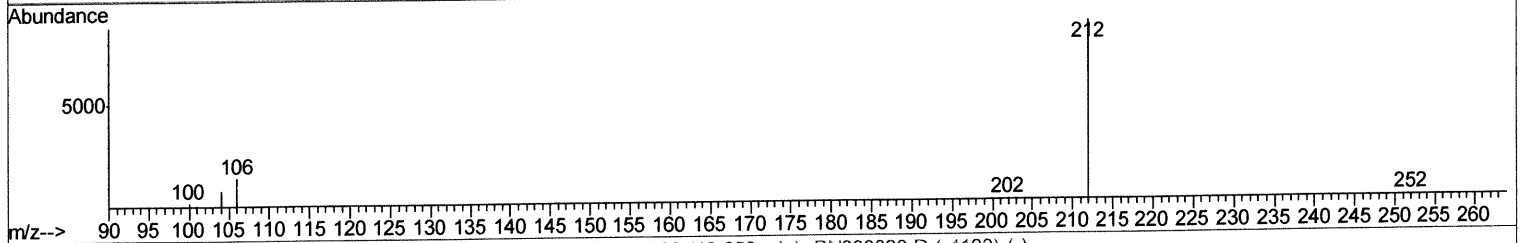
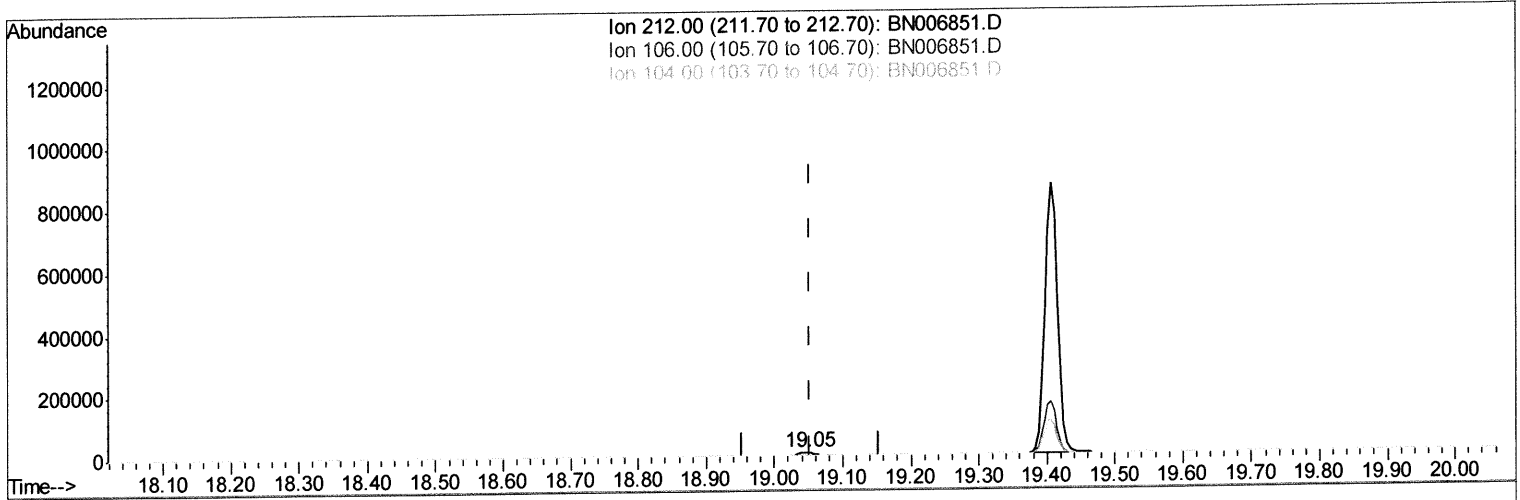
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071519\
 Data File : BN006851.D
 Acq On : 15 Jul 2019 16:04
 Operator : HP/JU
 Sample : K3762-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BF4B6

Manual Integrations
 APPROVED

mohammad
 7/16/2019 8:38:09 AM

Quant Time: Jul 15 17:53:33 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 12 06:39:20 2019
 Response via : Initial Calibration



TIC: BN006851.D

(14) Fluoranthene-d10 (SURR)

19.048min (-0.005) 0.33ng/ul m

JU
 07/16/19

response 12294

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

Quantitation Report (Qedit)

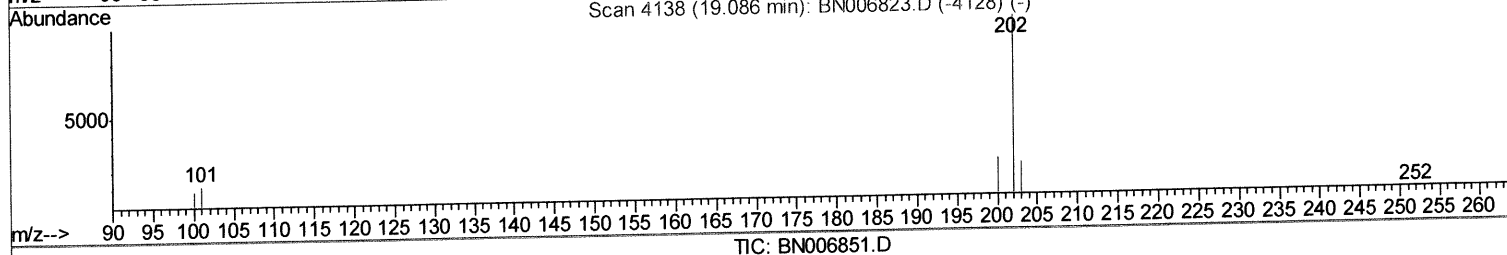
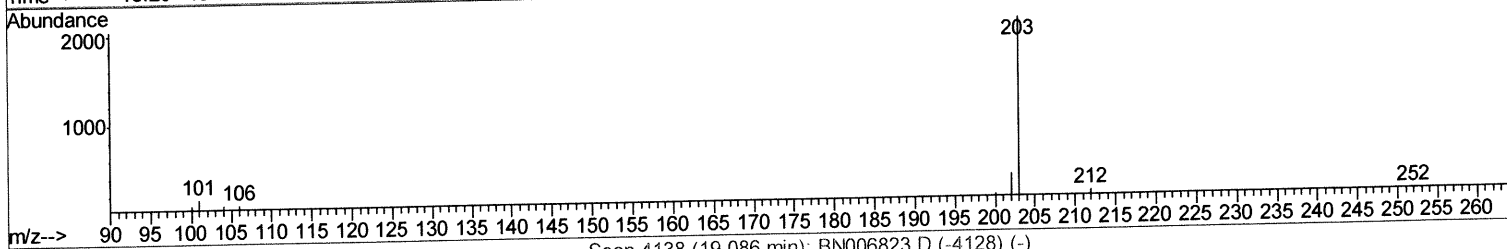
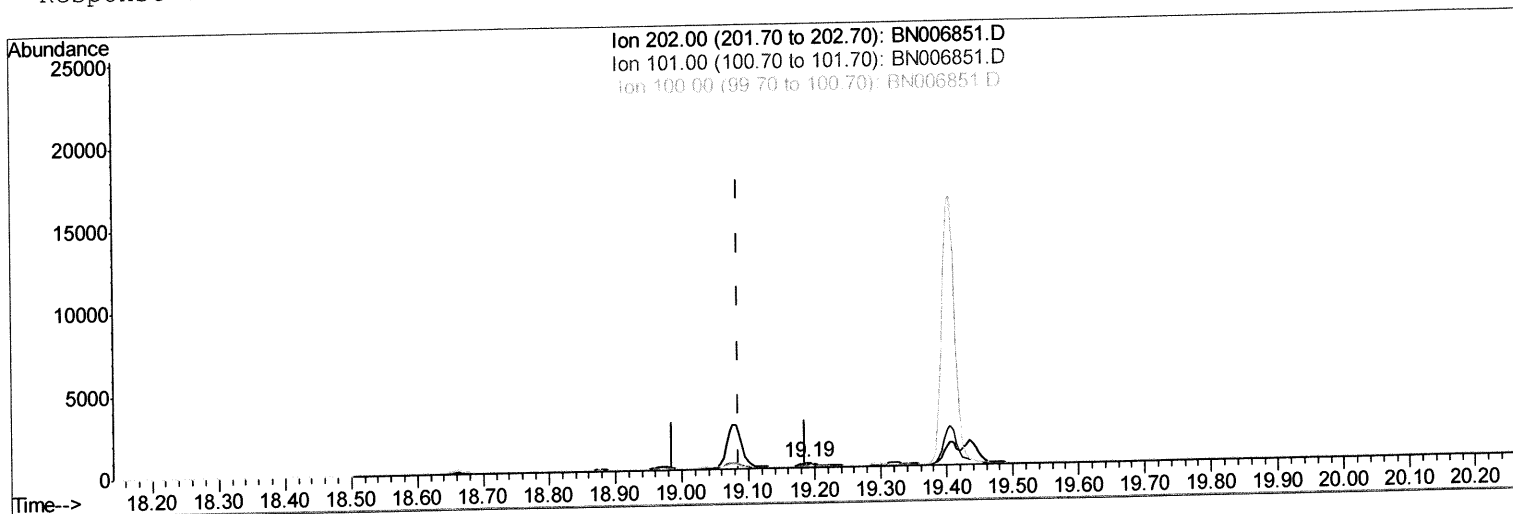
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071519\
Data File : BN006851.D
Acq On : 15 Jul 2019 16:04
Operator : HP/JU
Sample : K3762-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BF4B6

Manual Integrations
APPROVED

mohammad
7/16/2019 8:38:09 AM

Quant Time: Jul 15 17:53:33 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 12 06:39:20 2019
Response via : Initial Calibration



(15) Fluoranthene (C)

19.188min (+0.102) 0.01ng/ul

response 381

Ion	Exp%	Act%
202.00	100	100
101.00	13.20	55.26#
100.00	9.90	31.25#
0.00	0.00	0.00

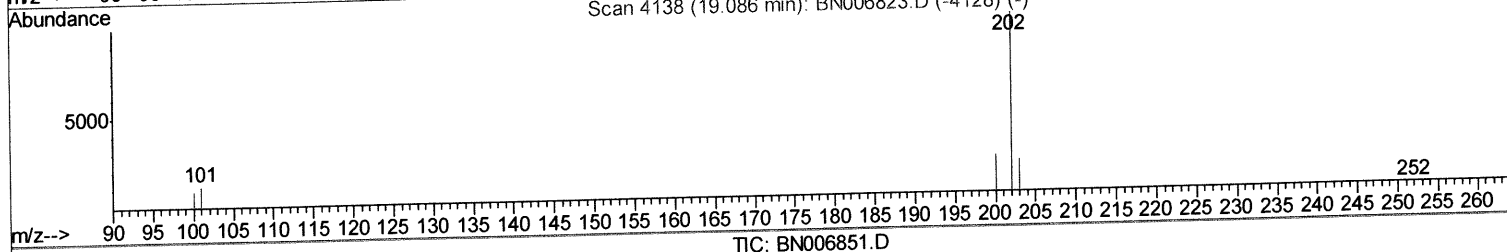
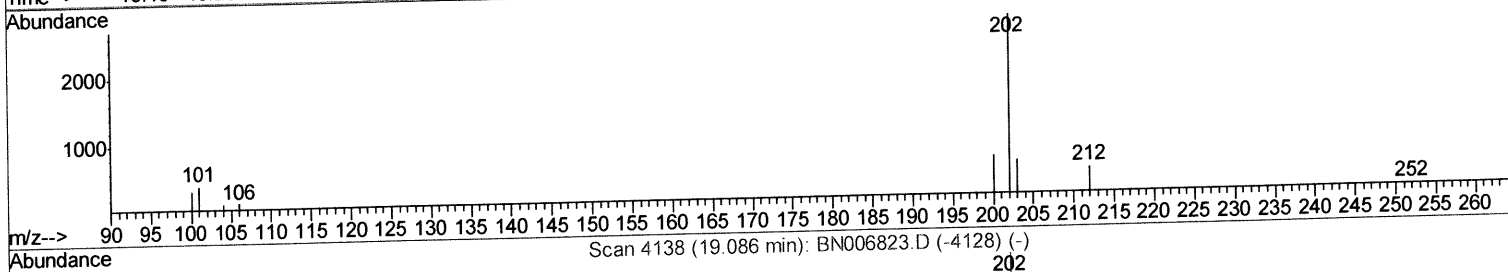
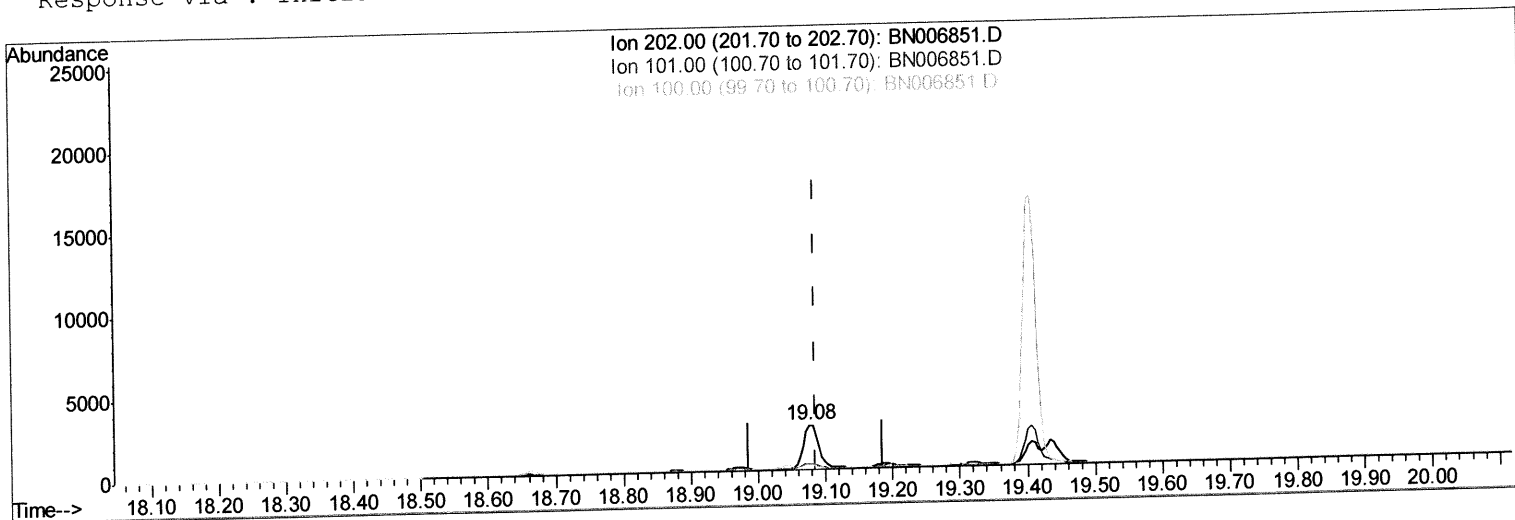
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071519\
Data File : BN006851.D
Acq On : 15 Jul 2019 16:04
Operator : HP/JU
Sample : K3762-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BF4B6

Manual Integrations
APPROVED

mohammad
7/16/2019 8:38:09 AM

Quant Time: Jul 15 17:53:33 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 12 06:39:20 2019
Response via : Initial Calibration



(15) Fluoranthene (C)

19.076min (-0.009) 0.09ng/ul m *JU* 07/16/19

response 4409

Ion	Exp%	Act%
202.00	100	100
101.00	13.20	14.94
100.00	9.90	11.91
0.00	0.00	0.00

Quantitation Report (Qedit)

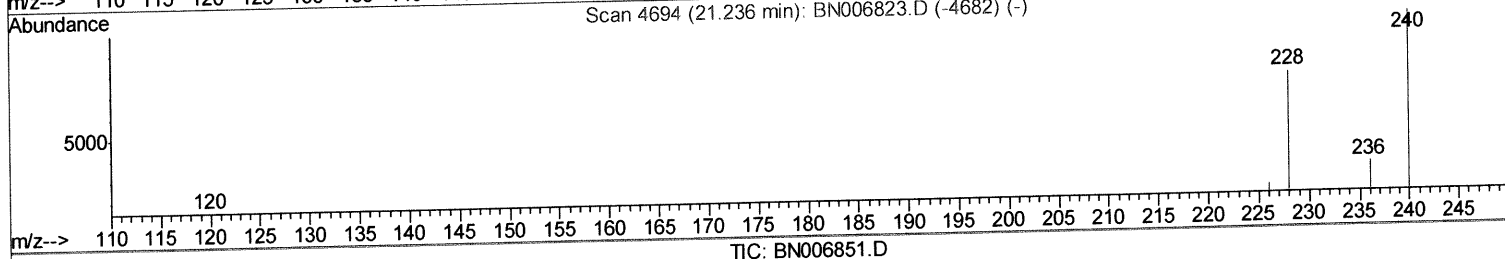
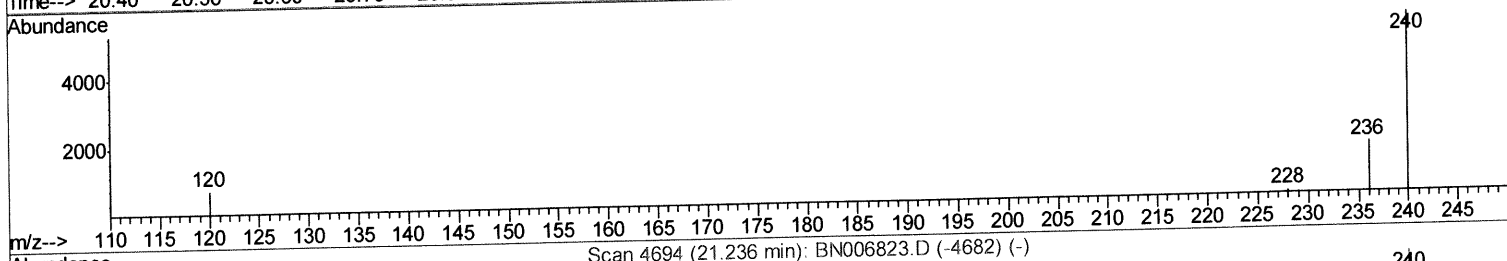
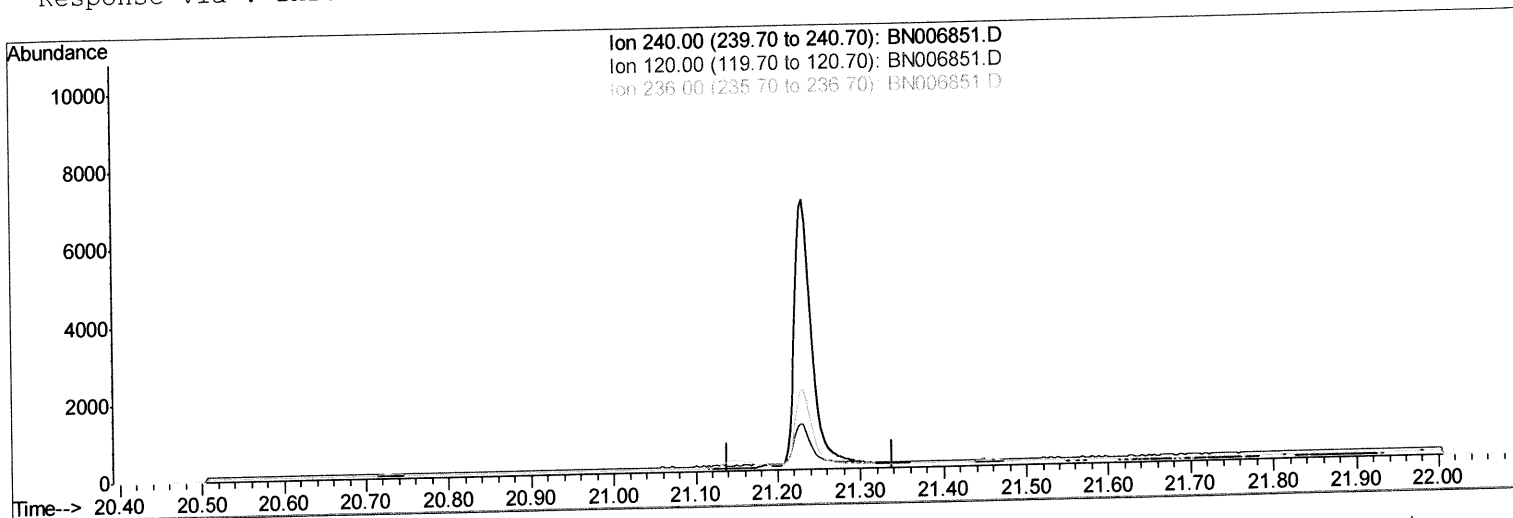
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071519\
 Data File : BN006851.D
 Acq On : 15 Jul 2019 16:04
 Operator : HP/JU
 Sample : K3762-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BF4B6

Manual Integrations
 APPROVED

mohammad
 7/16/2019 8:38:09 AM

Quant Time: Jul 15 17:53:33 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 12 06:39:20 2019
 Response via : Initial Calibration



(16) Chrysene-d12 (I)
 21.239min (-21.239) 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)

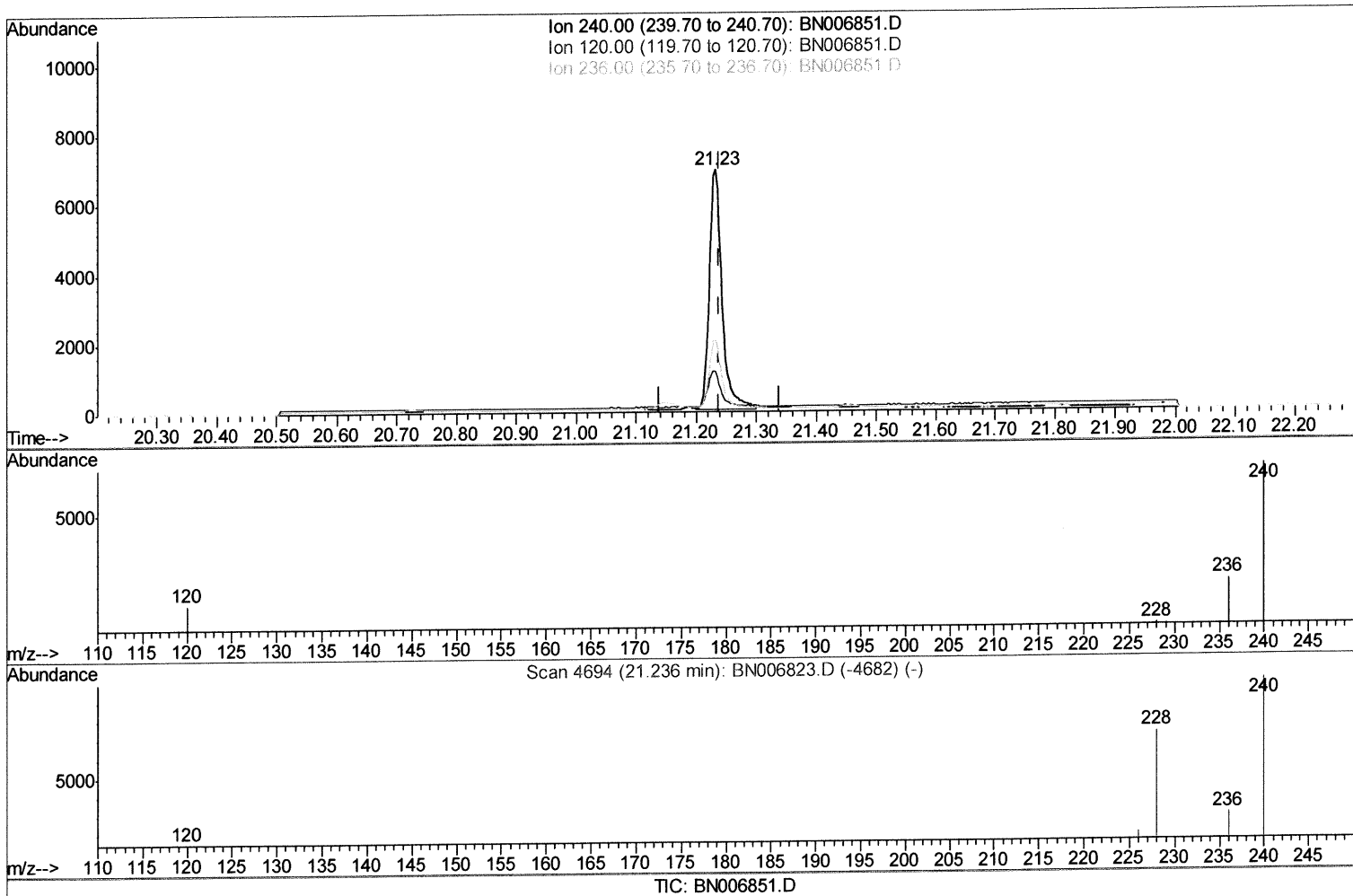
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071519\
Data File : BN006851.D
Acq On : 15 Jul 2019 16:04
Operator : HP/JU
Sample : K3762-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BF4B6

Manual Integrations
APPROVED

mohammad
7/16/2019 8:38:09 AM

Quant Time: Jul 15 17:53:33 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 12 06:39:20 2019
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.232min (-0.007) 0.40ng/ul m ^{JU} 6/16/19

response 10063

Ion	Exp%	Act%
240.00	100	100
120.00	20.20	16.65
236.00	30.00	29.50
0.00	0.00	0.00

Quantitation Report (Qedit)

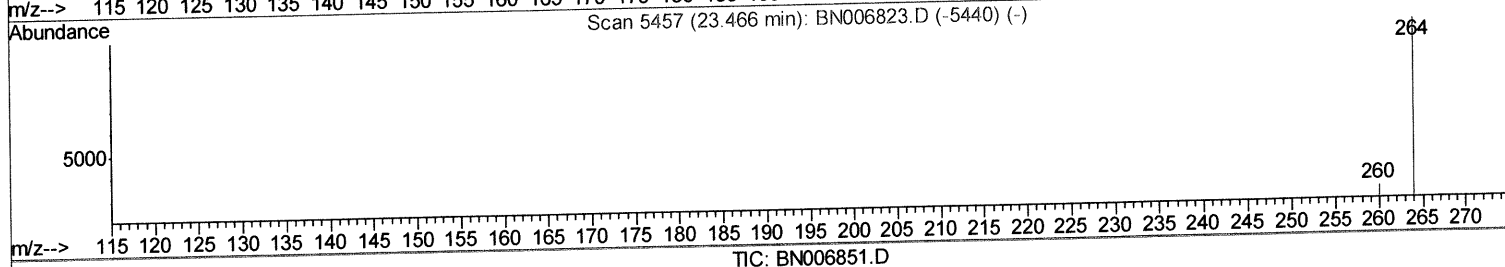
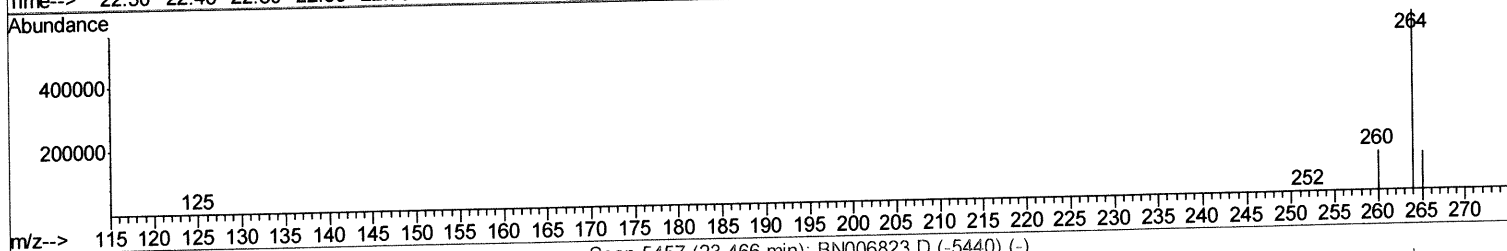
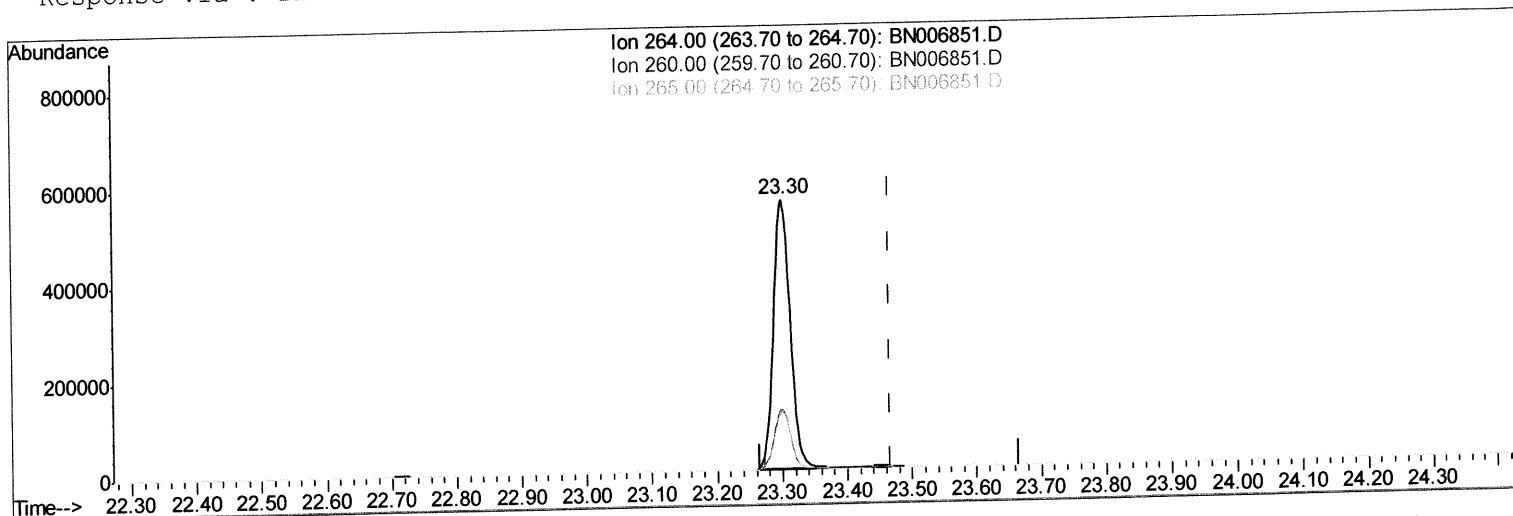
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071519\
 Data File : BN006851.D
 Acq On : 15 Jul 2019 16:04
 Operator : HP/JU
 Sample : K3762-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BF4B6

Manual Integrations
 APPROVED

mohammad
 7/16/2019 8:38:09 AM

Quant Time: Jul 15 17:56:08 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 12 06:39:20 2019
 Response via : Initial Calibration



TIC: BN006851.D

(20) Perylene-d12 (I)

23.301min (-0.165) 0.40ng/ul

response 994301

Ion	Exp%	Act%
264.00	100	100
260.00	27.80	22.40
265.00	36.10	21.69#
0.00	0.00	0.00

Quantitation Report (Qedit)

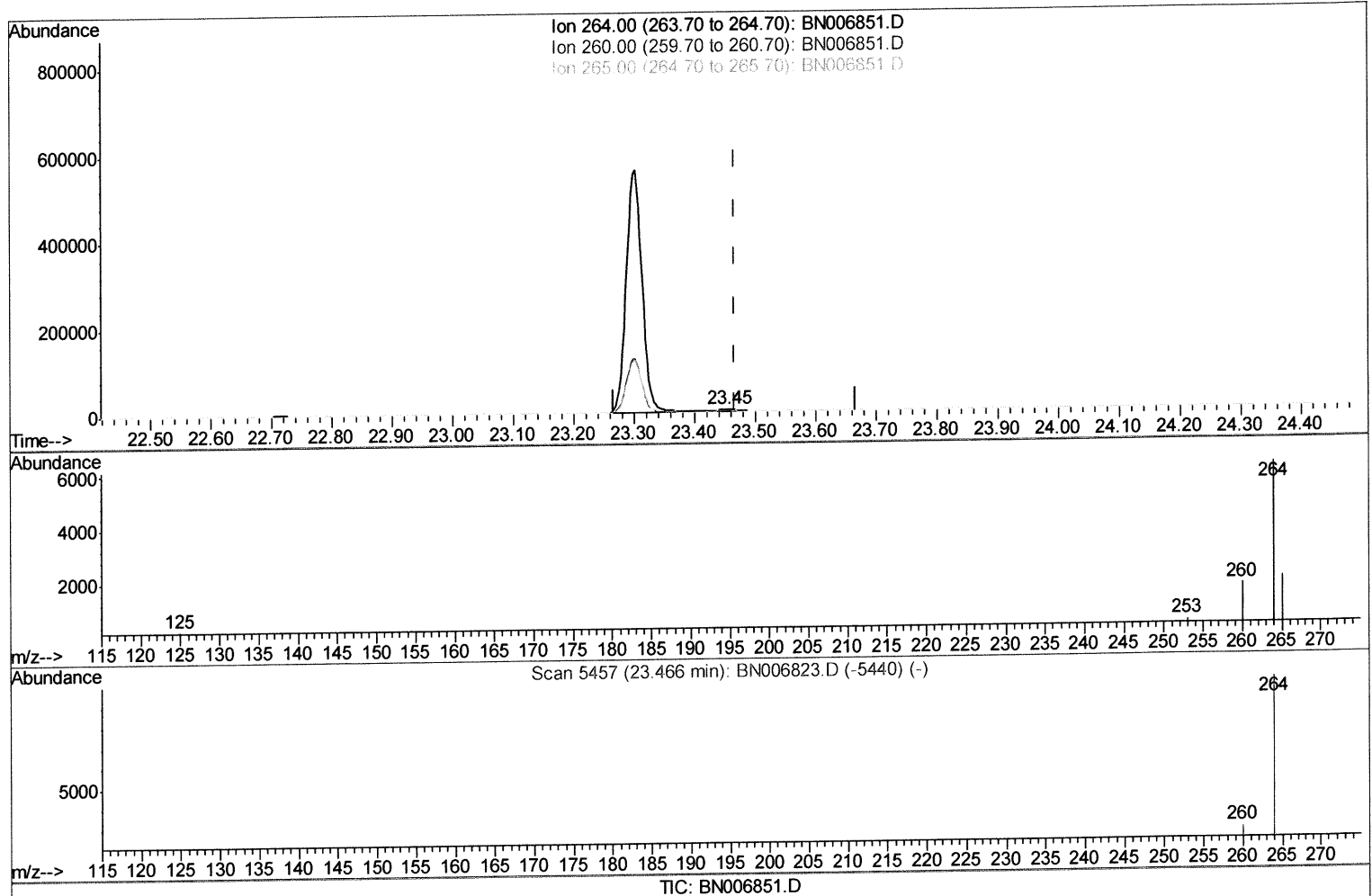
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071519\
 Data File : BN006851.D
 Acq On : 15 Jul 2019 16:04
 Operator : HP/JU
 Sample : K3762-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BF4B6

Manual Integrations
 APPROVED

mohammad
 7/16/2019 8:38:09 AM

Quant Time: Jul 15 17:56:08 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 12 06:39:20 2019
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.453min (-0.013) 0.40ng/ul m *JU* 07/16/19

response 9321

Ion	Exp%	Act%
264.00	100	100
260.00	27.80	26.69
265.00	36.10	30.71
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071519\
 Data File : BN006851.D
 Acq On : 15 Jul 2019 16:04
 Operator : HP/JU
 Sample : K3762-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BF4B6

Manual Integrations
 APPROVED

mohammad
 7/16/2019 8:38:09 AM

Quant Time: Jul 15 17:56:51 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 12 06:39:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	3098	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	11103	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.24	164	5702	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	12585m>	0.40	ng/ul	0.00
16) Chrysene-d12	21.23	240	10063m>	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	9321m>	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	4438	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	12294m>	0.33	ng/ul	0.00
Target Compounds						
3) Naphthalene	10.41	128	1329	0.042	ng/ul#	81
8) Acenaphthene	14.30	153	14744	0.650	ng/ul	99
9) Fluorene	15.30	166	10027	0.403	ng/ul	99
12) Phenanthrene	17.04	178	4832m>	0.119	ng/ul	
13) Anthracene	17.13	178	7049m>	0.201	ng/ul	
15) Fluoranthene	19.08	202	4409m>	0.088	ng/ul	
17) Pyrene	19.43	202	2025	0.044	ng/ul#	76

50 07/16/19

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