

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082819\
Quantitation Report (QT Reviewed)

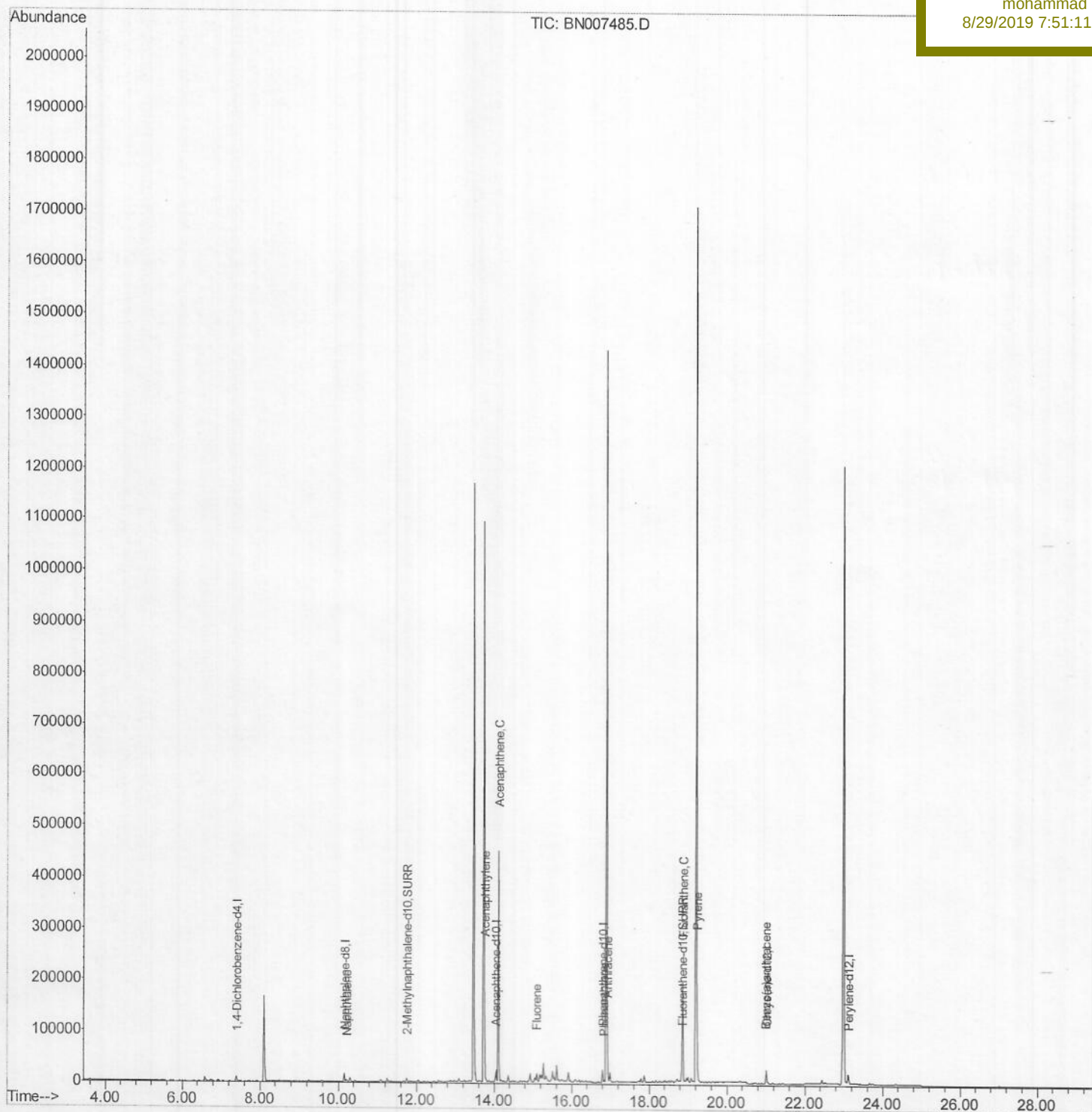
Data File : BN007485.D
Acq On : 29 Aug 2019 01:47
Operator : HP/JU
Sample : K4395-03
Misc :
ALS Vial : 61 Sample Multiplier: 1

Quant Time: Aug 29 03:41:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 03:32:53 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AE0

Manual Integrations
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mohammad
8/29/2019 7:51:11 AM



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082819\
Quantitation Report (Qedit)

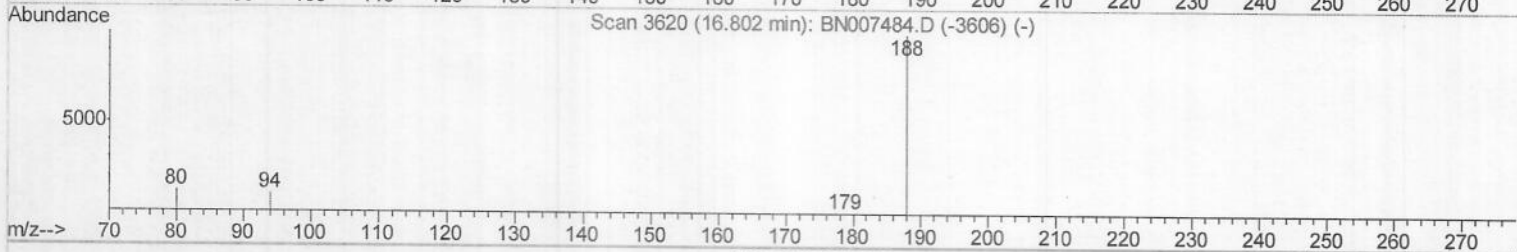
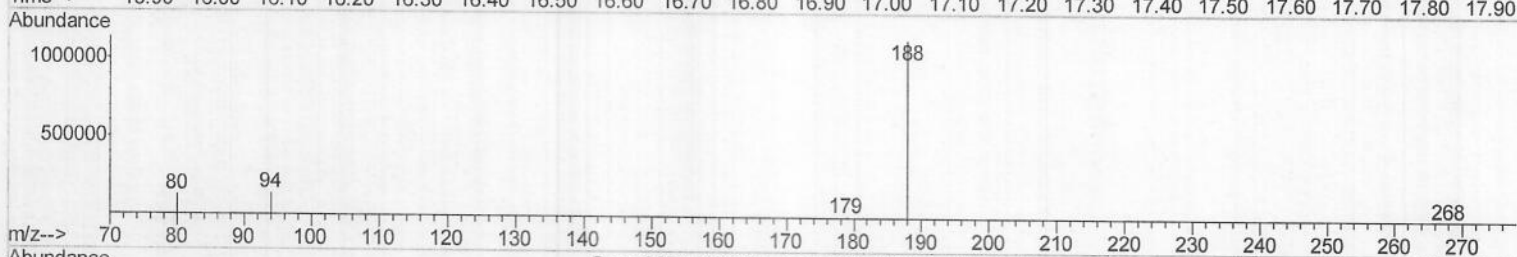
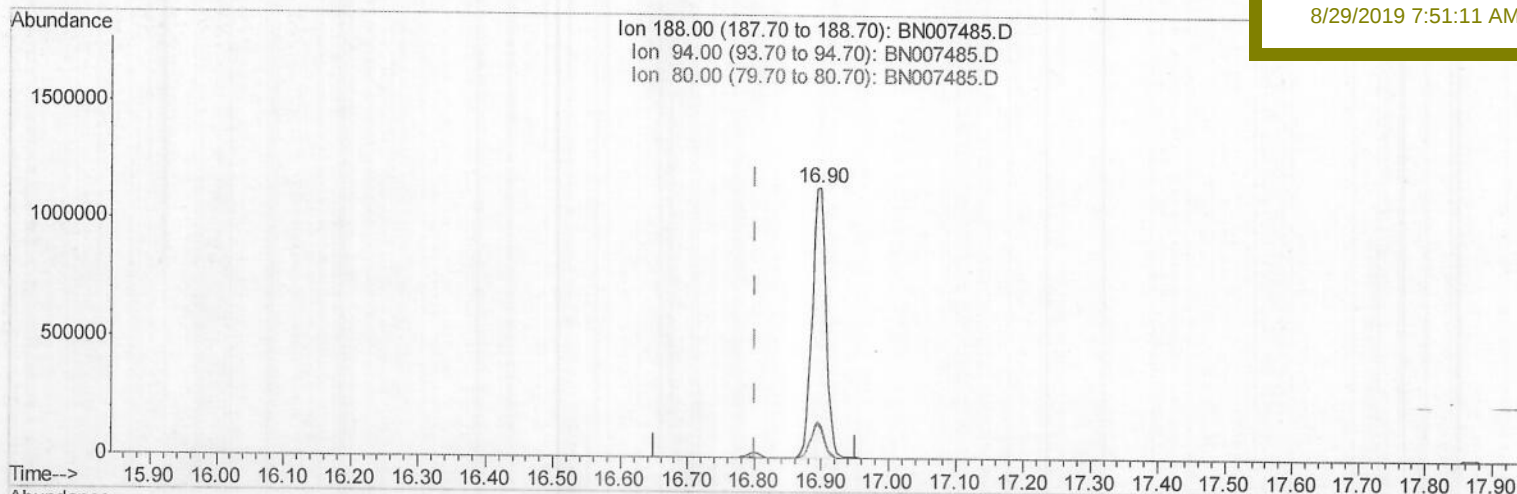
Data File : BN007485.D
Acq On : 29 Aug 2019 01:47
Operator : HP/JU
Sample : K4395-03
Misc :
ALS Vial : 61 Sample Multiplier: 1

Quant Time: Aug 29 03:35:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 03:32:53 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AE0

Manual Integrations
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TIC: BN007485.D

(10) Phenanthrene-d10 (I)

16.898min (+0.097) 0.40ng/ul

response 1641942

Ion	Exp%	Act%
188.00	100	100
94.00	11.30	11.93
80.00	12.40	10.88
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082819\
Quantitation Report (Qedit)

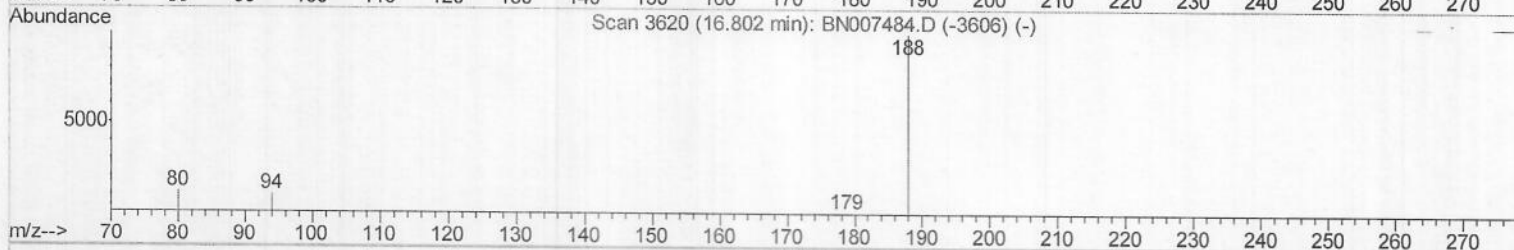
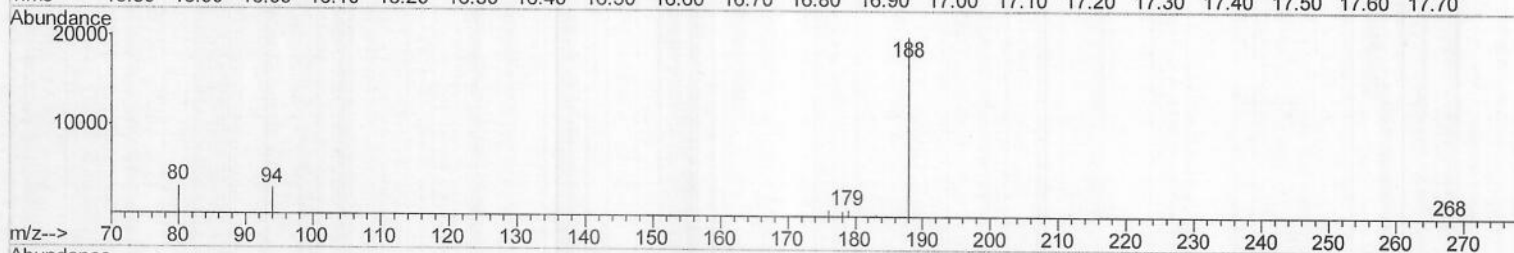
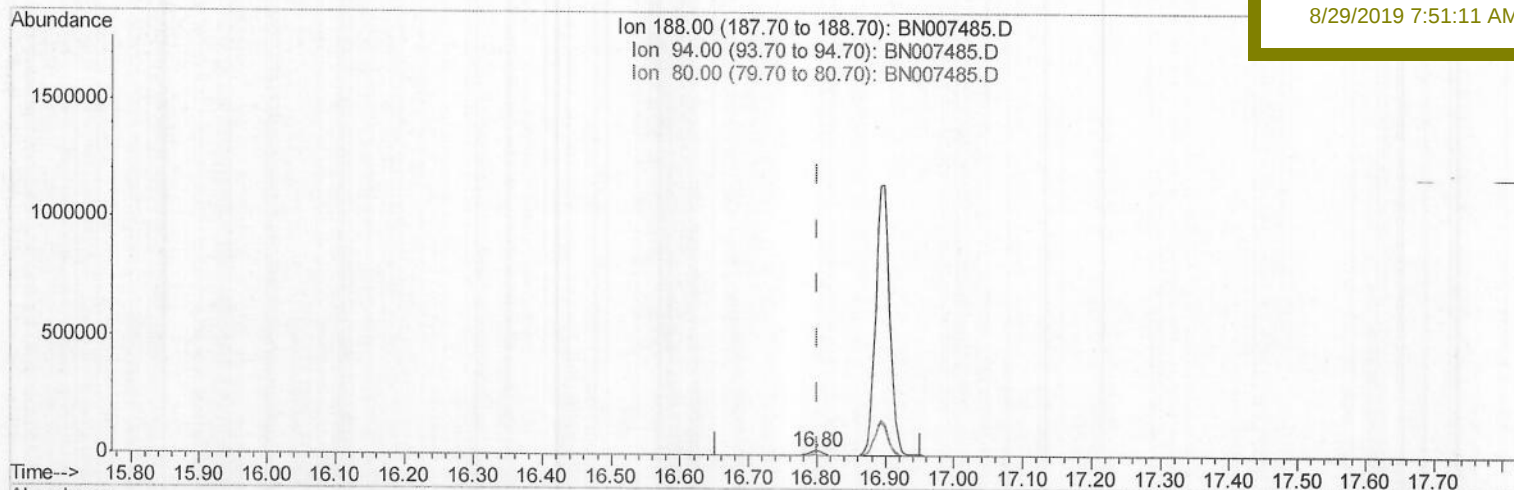
Data File : BN007485.D
Acq On : 29 Aug 2019 01:47
Operator : HP/JU
Sample : K4395-03
Misc :
ALS Vial : 61 Sample Multiplier: 1

Quant Time: Aug 29 03:35:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 03:32:53 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AE0

Manual Integrations
APPROVED

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TIC: BN007485.D

(10) Phenanthrene-d10 (I)

16.797min (-0.005) 0.40ng/ul m

response 28384

Ion	Exp%	Act%
188.00	100	100
94.00	11.30	14.62#
80.00	12.40	15.54#
0.00	0.00	0.00

JU
08/30/19

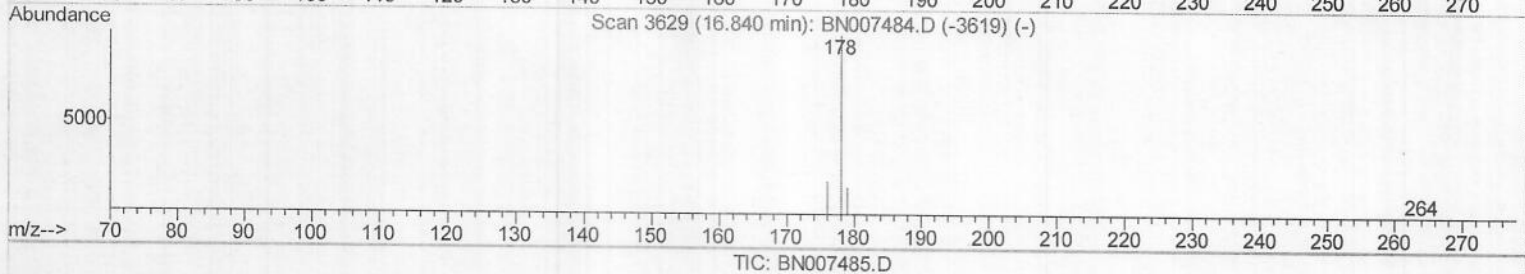
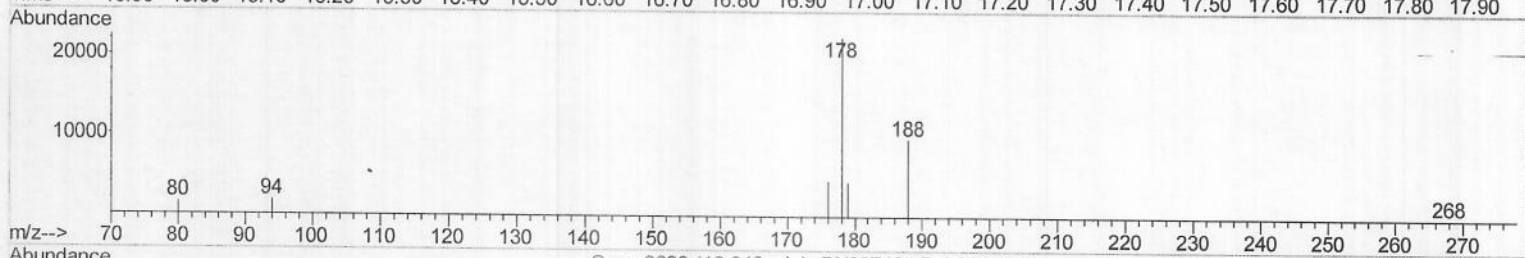
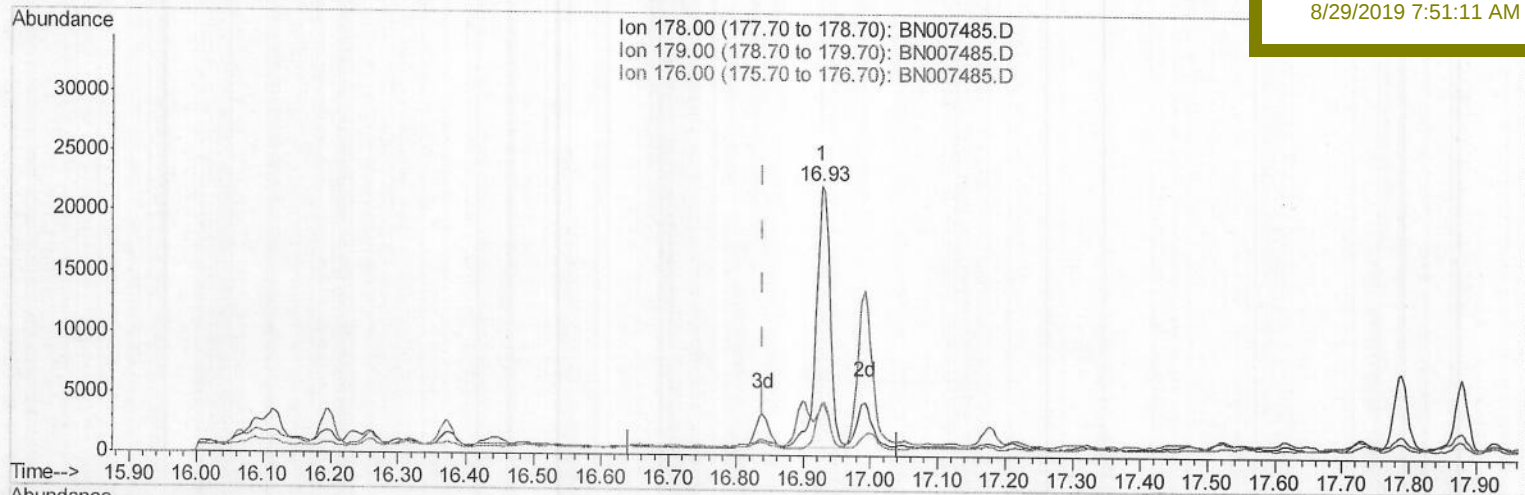
Data File : BN007485.D
Acq On : 29 Aug 2019 01:47
Operator : HP/JU
Sample : K4395-03
Misc :
ALS Vial : 61 Sample Multiplier: 1

Quant Time: Aug 29 03:36:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 03:32:53 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AE0

Manual Integrations
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(12) Phenanthrene

16.928min (+0.088) 0.35ng/ul

response 31143

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	19.51#
176.00	19.00	20.16
0.00	0.00	0.00

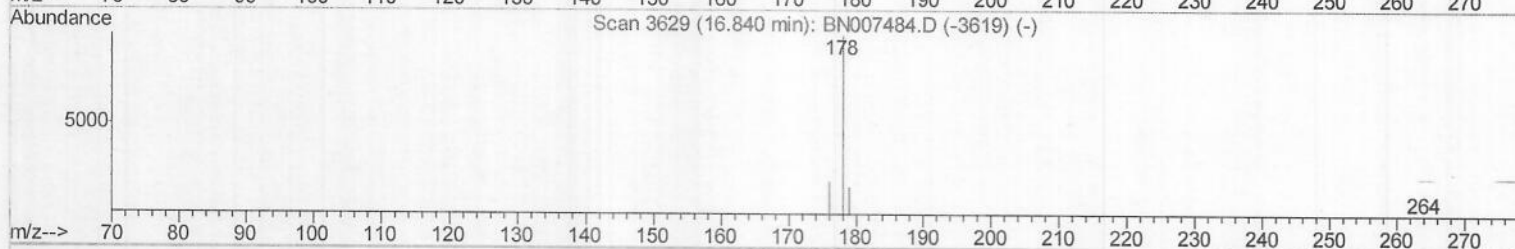
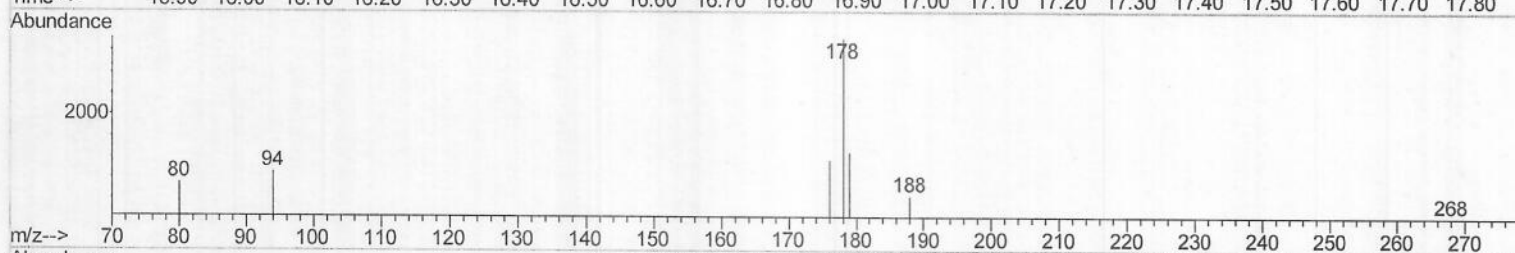
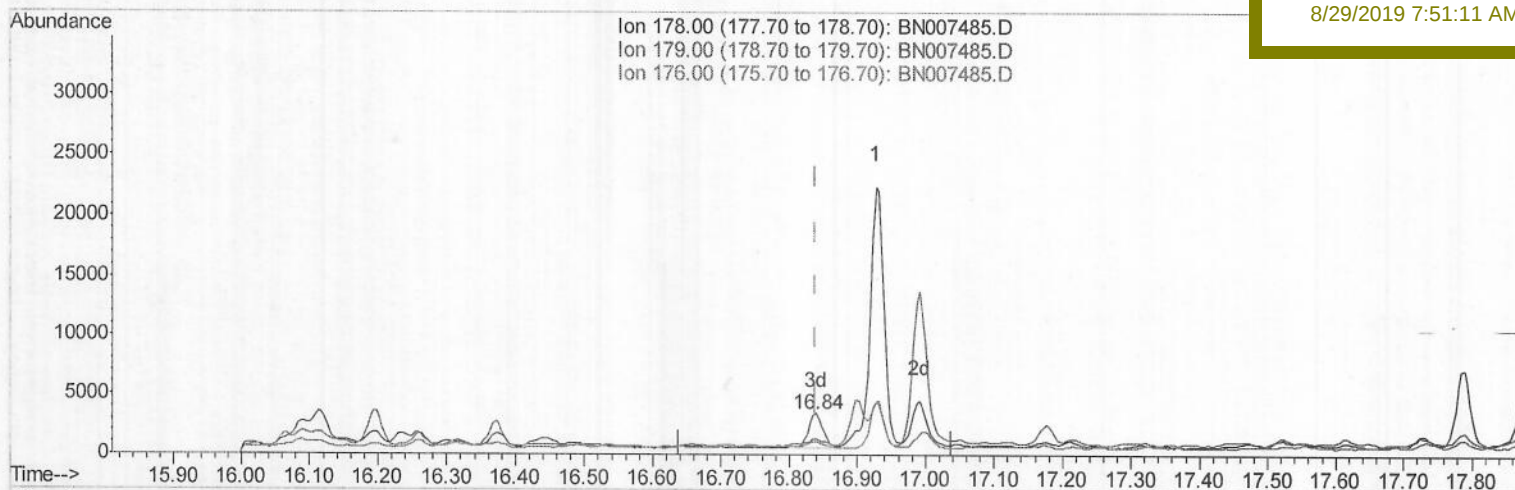
Data File : BN007485.D
Acq On : 29 Aug 2019 01:47
Operator : HP/JU
Sample : K4395-03
Misc :
ALS Vial : 61 Sample Multiplier: 1

Quant Time: Aug 29 03:36:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 03:32:53 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AE0

Manual Integrations
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TIC: BN007485.D

(12) Phenanthrene

16.839min (-0.000) 0.05ng/ul mJU
response 4039 08/30/19

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	37.69#
176.00	19.00	33.24#
0.00	0.00	0.00

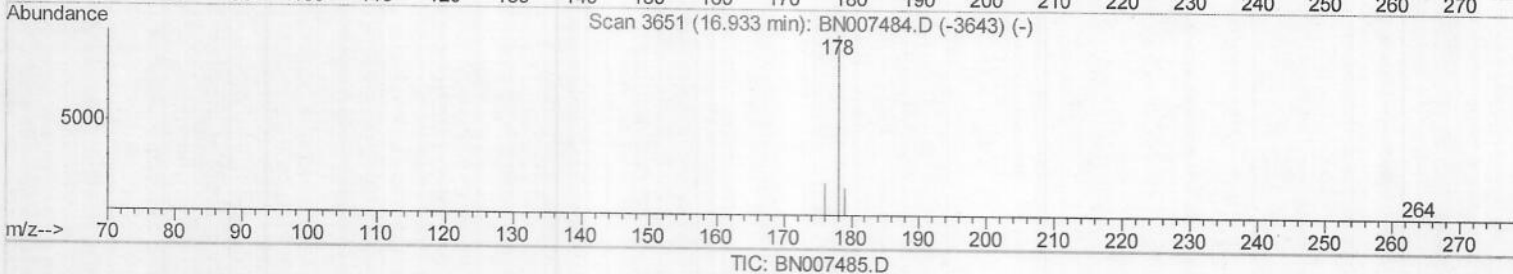
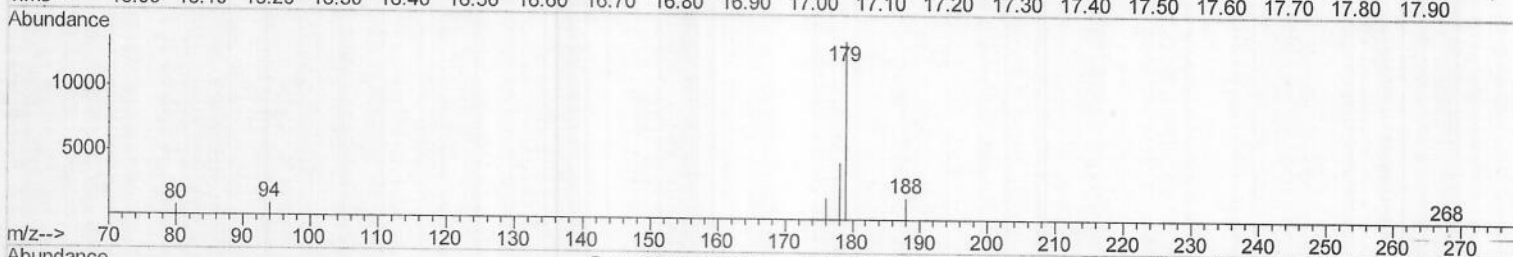
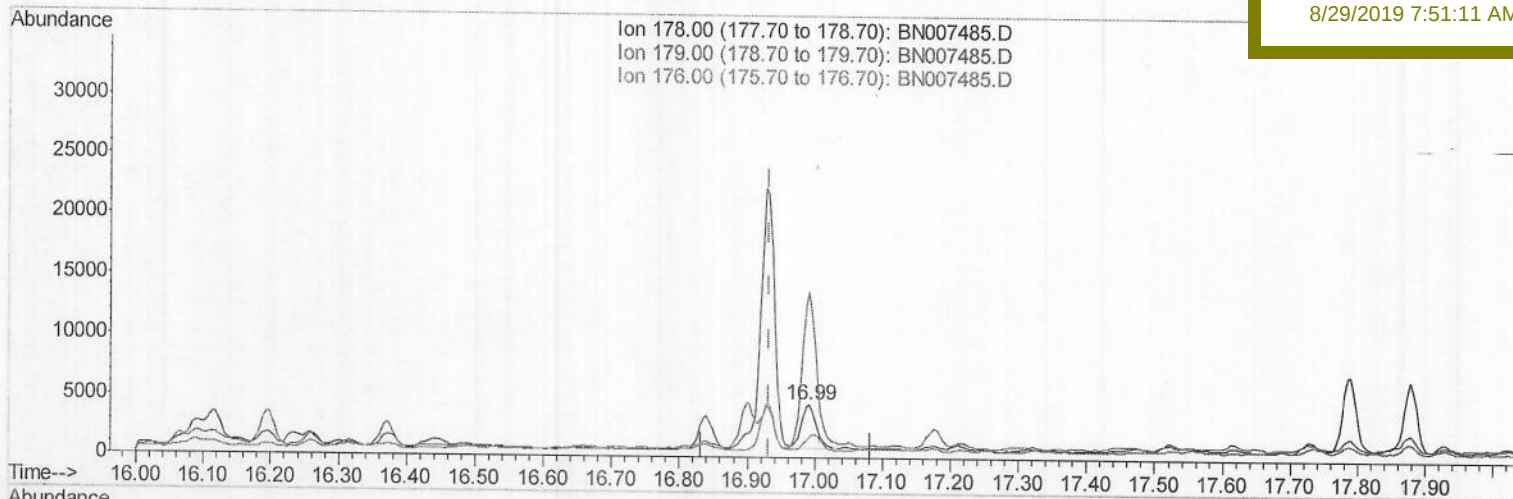
Data File : BN007485.D
Acq On : 29 Aug 2019 01:47
Operator : HP/JU
Sample : K4395-03
Misc :
ALS Vial : 61 Sample Multiplier: 1

Quant Time: Aug 29 03:36:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 03:32:53 2019
Response via : Initial Calibration

Instrument :
BNA_N
Client Sampled :
C0AE0

Manual Integrations
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(13) Anthracene

16.991min (+0.059) 0.07ng/ul

response 5555

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	305.80#
176.00	18.20	38.94#
0.00	0.00	0.00

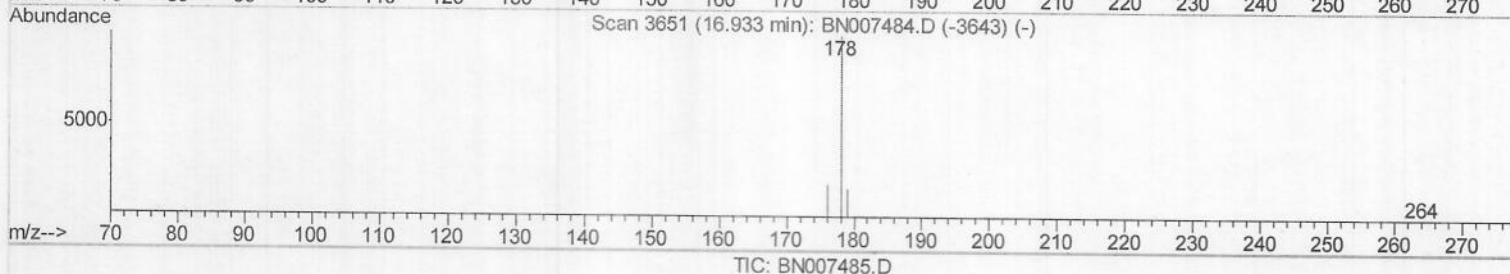
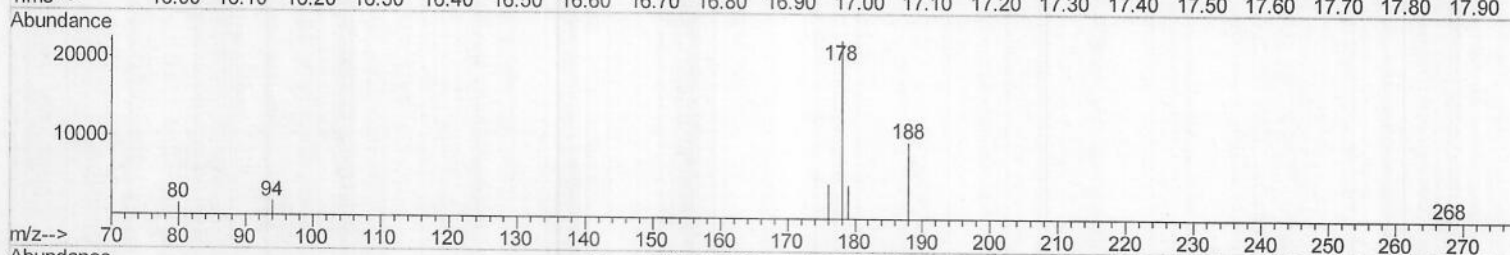
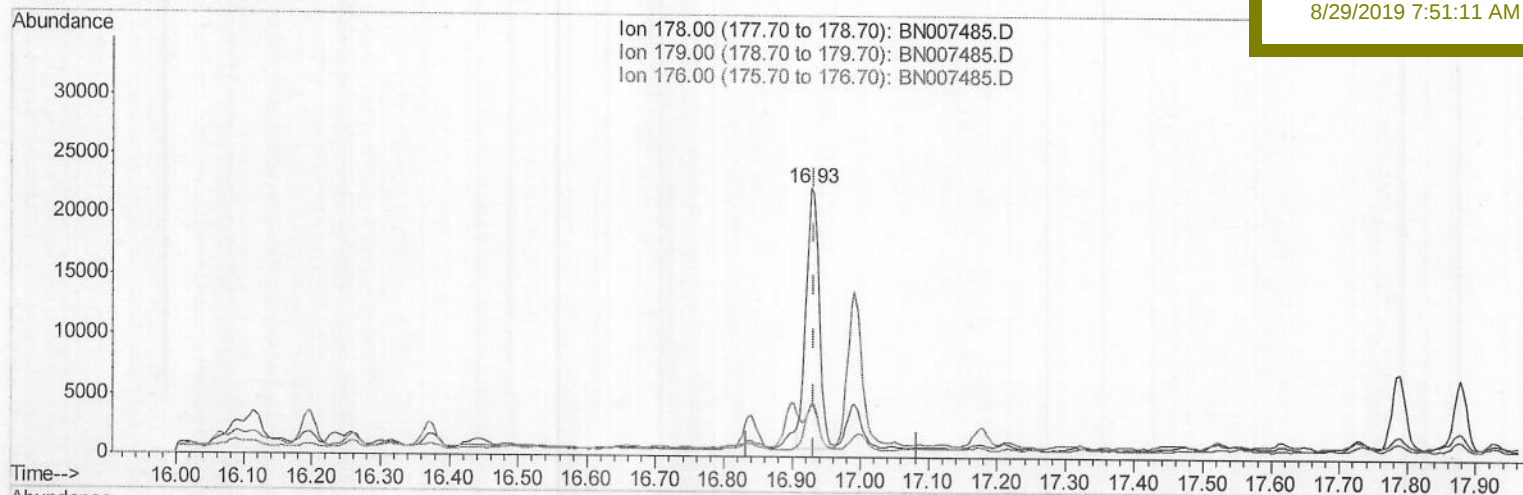
Data File : BN007485.D
Acq On : 29 Aug 2019 01:47
Operator : HP/JU
Sample : K4395-03
Misc :
ALS Vial : 61 Sample Multiplier: 1

Quant Time: Aug 29 03:36:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 03:32:53 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AE0

Manual Integrations
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(13) Anthracene

16.928min (-0.005) 0.35ng/ul m) JU
response 29224 08/30/19

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	19.51#
176.00	18.20	20.16
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082819\
Quantitation Report (Qedit)

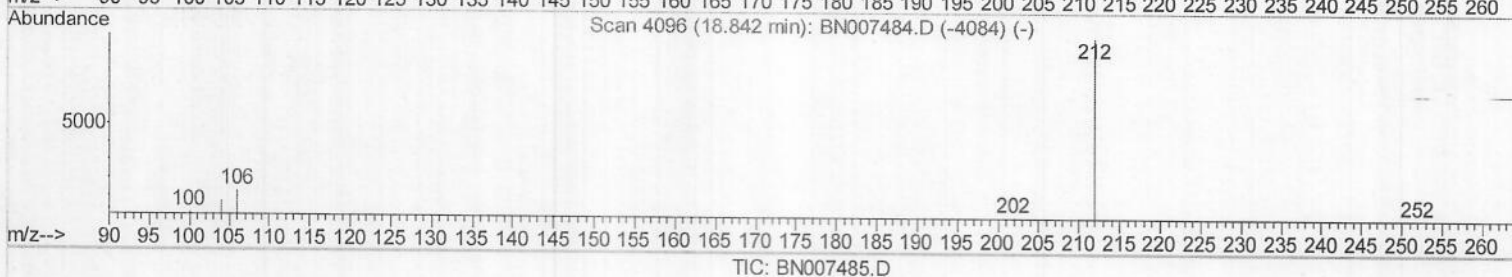
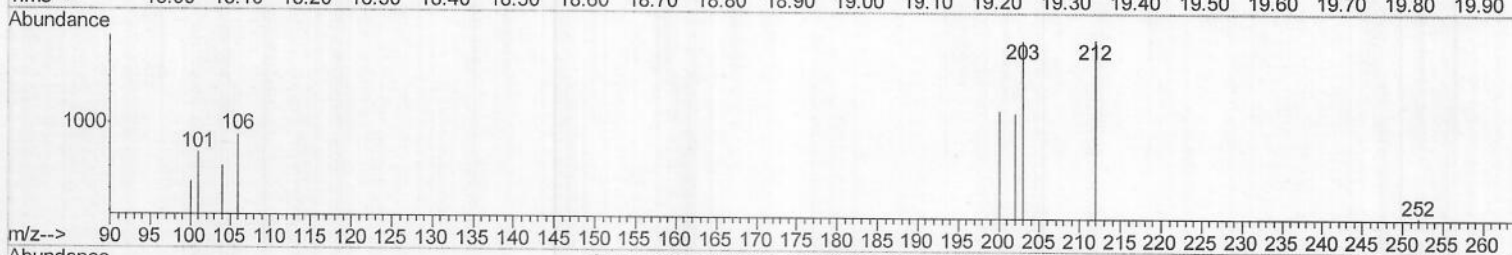
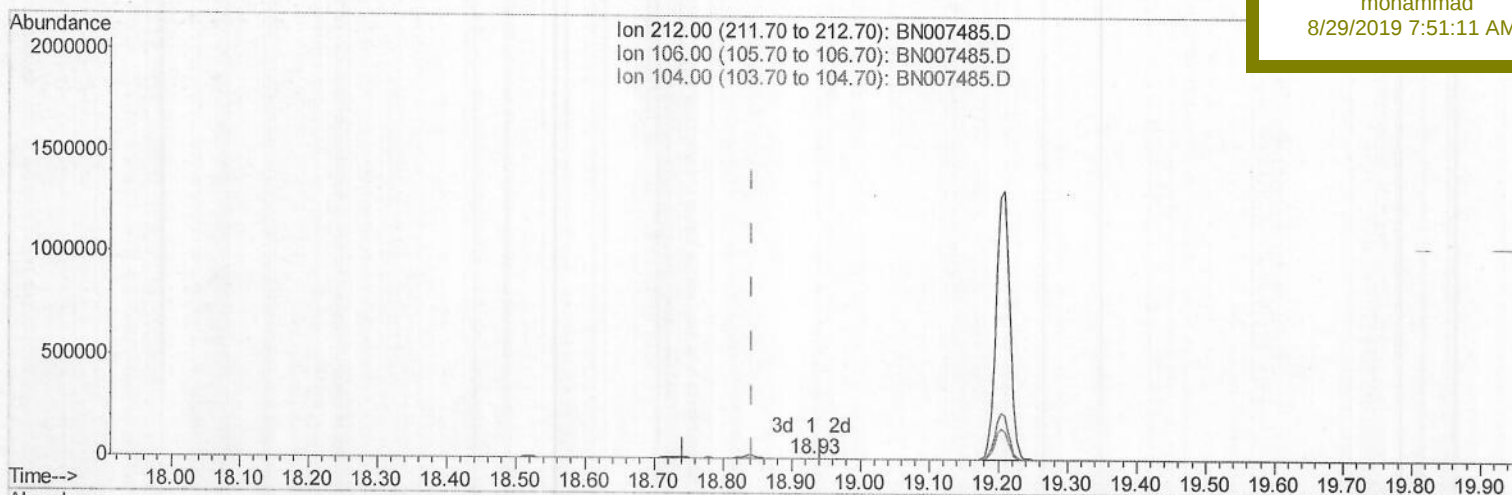
Data File : BN007485.D
Acq On : 29 Aug 2019 01:47
Operator : HP/JU
Sample : K4395-03
Misc :
ALS Vial : 61 Sample Multiplier: 1

Quant Time: Aug 29 03:36:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 03:32:53 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AE0

Manual Integrations
APPROVED

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8/29/2019 7:51:11 AM



(14) Fluoranthene-d10 (SURR)

18.930min (+0.088) 0.01ng/ul

response 1172

Ion	Exp%	Act%
212.00	100	100
106.00	14.30	13.74
104.00	8.00	6.14#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082819\
Quantitation Report (Qedit)

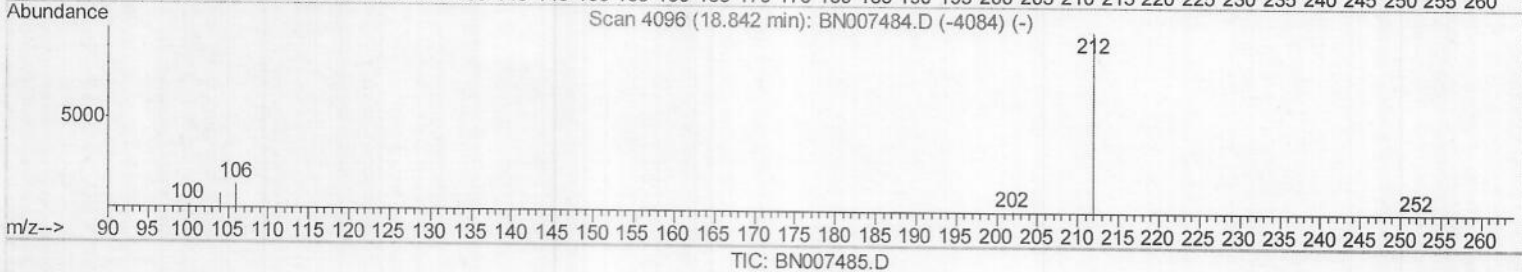
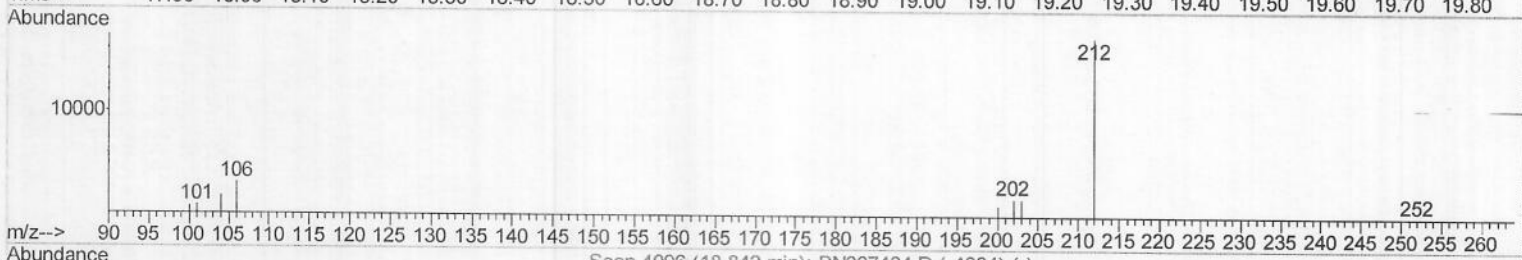
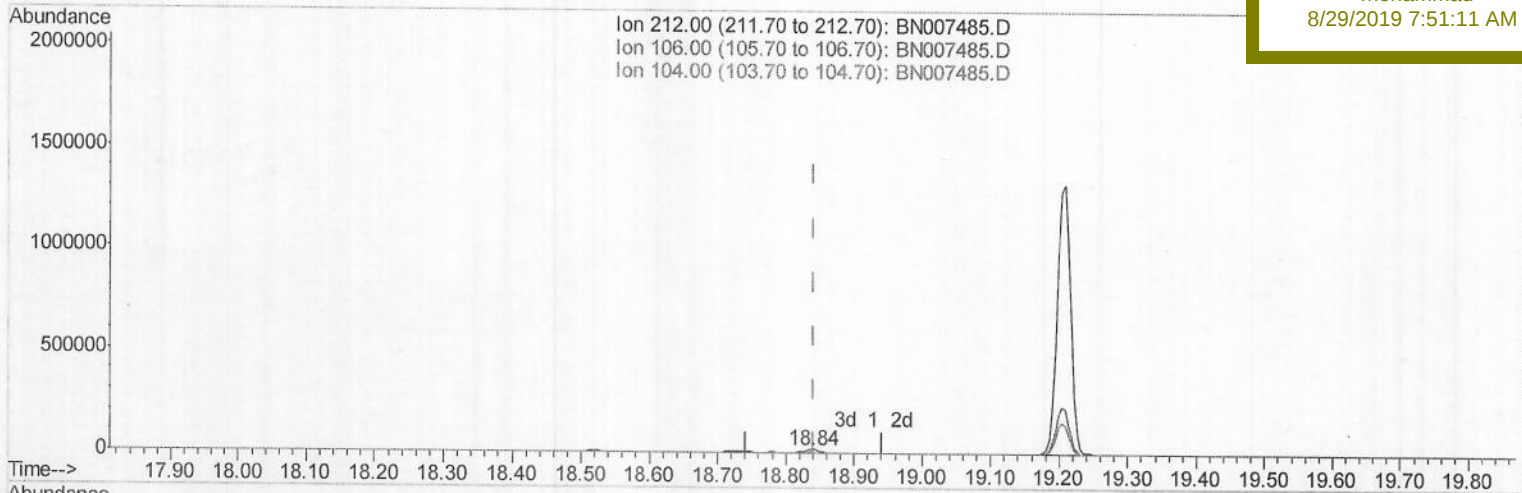
Data File : BN007485.D
Acq On : 29 Aug 2019 01:47
Operator : HP/JU
Sample : K4395-03
Misc :
ALS Vial : 61 Sample Multiplier: 1

Quant Time: Aug 29 03:36:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 03:32:53 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AE0

Manual Integrations
APPROVED

mohammad
8/29/2019 7:51:11 AM



(14) Fluoranthene-d10 (SURRE)

18.837min (-0.005) 0.28ng/ul m) JU
response 26175 08/30/19

Ion	Exp%	Act%
212.00	100	100
106.00	14.30	0.62#
104.00	8.00	0.28#
0.00	0.00	0.00

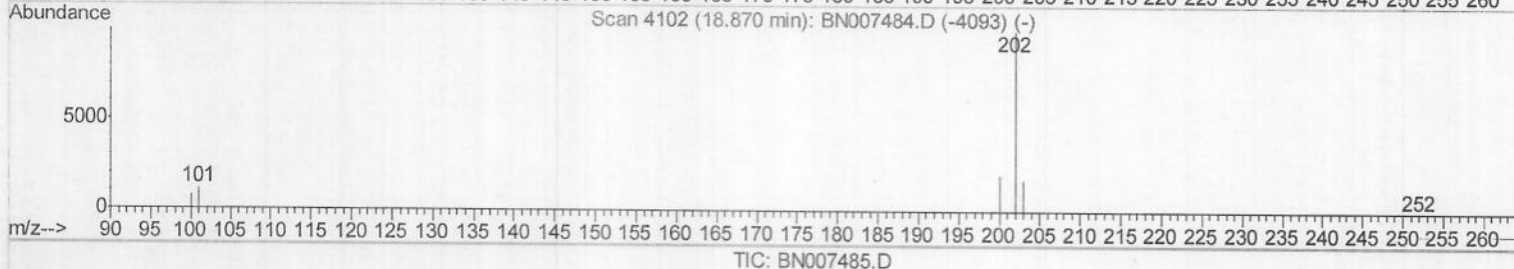
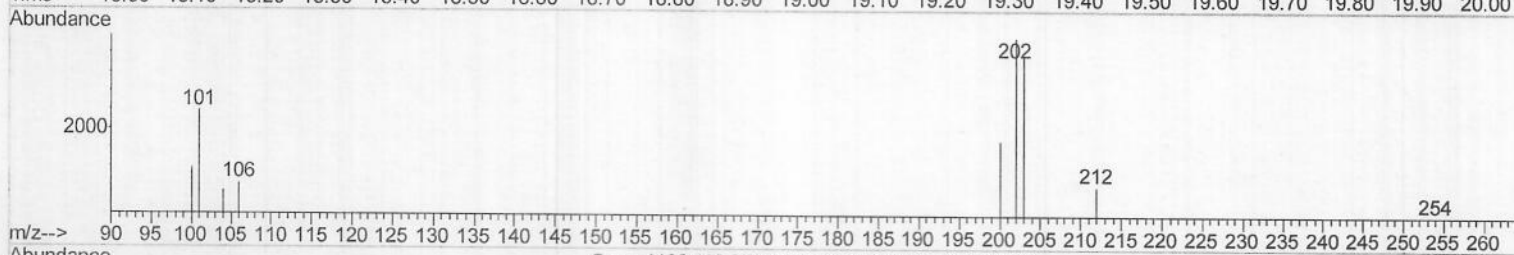
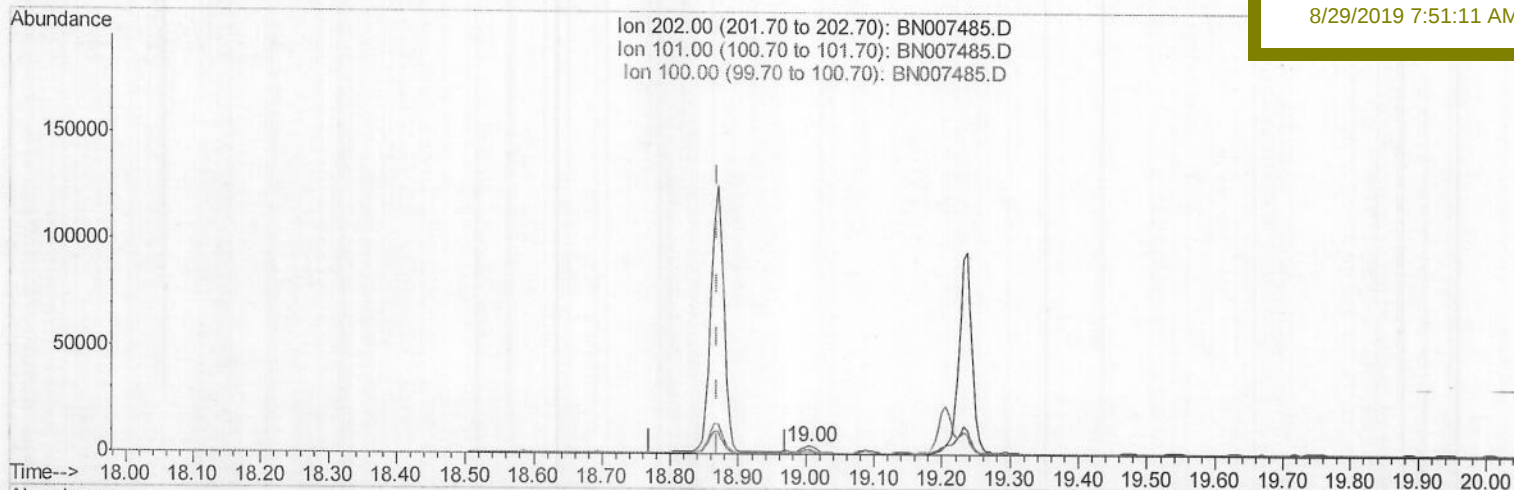
Data File : BN007485.D
Acq On : 29 Aug 2019 01:47
Operator : HP/JU
Sample : K4395-03
Misc :
ALS Vial : 61 Sample Multiplier: 1

Quant Time: Aug 29 03:36:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 03:32:53 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AE0

Manual Integrations
APPROVED

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8/29/2019 7:51:11 AM



(15) Fluoranthene (C)

19.004min (+0.134) 0.04ng/ul

response 4700

Ion	Exp%	Act%
202.00	100	100
101.00	11.30	59.82#
100.00	8.50	29.29#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082819\
Quantitation Report (Qedit)

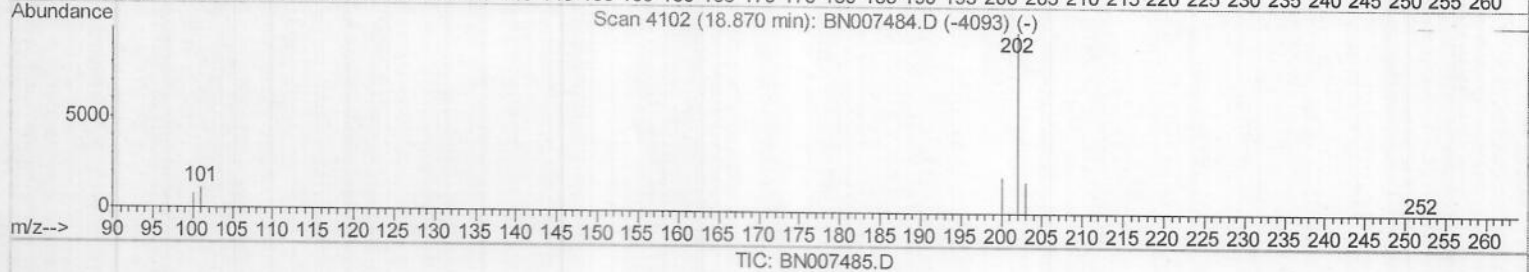
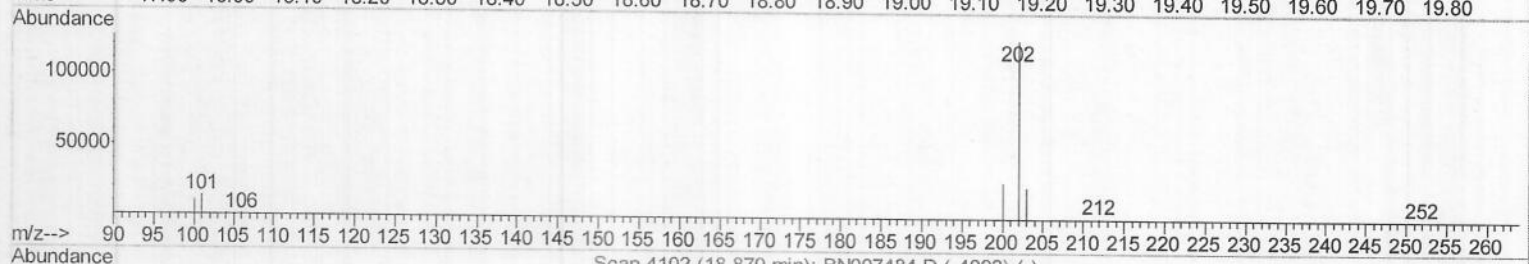
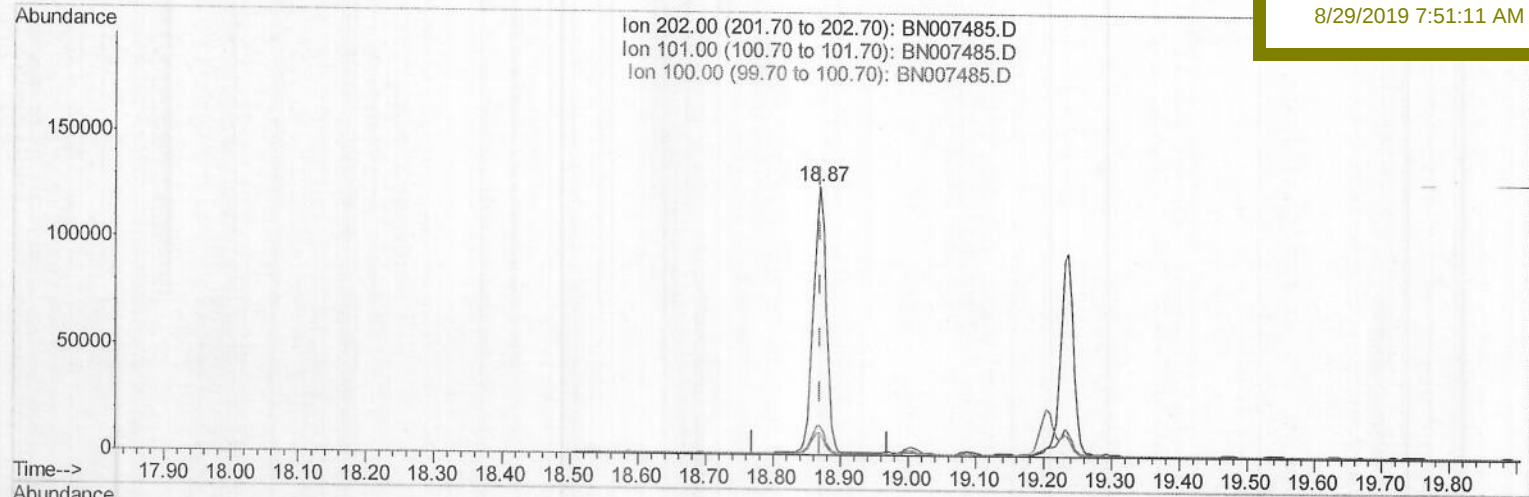
Data File : BN007485.D
Acq On : 29 Aug 2019 01:47
Operator : HP/JU
Sample : K4395-03
Misc :
ALS Vial : 61 Sample Multiplier: 1

Quant Time: Aug 29 03:36:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 03:32:53 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AE0

Manual Integrations
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8/29/2019 7:51:11 AM



(15) Fluoranthene (C)

18.869min (-0.000) 1.40ng/ul m JU
08/30/19

response 166009

Ion	Exp%	Act%
202.00	100	100
101.00	11.30	10.88
100.00	8.50	8.21
0.00	0.00	0.00

Data File : BN007485.D

Acq On : 29 Aug 2019 01:47

Operator : HP/JU

Sample : K4395-03

Misc :

ALS Vial : 61 Sample Multiplier: 1

Quant Time: Aug 29 03:36:49 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN082819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Aug 29 03:32:53 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

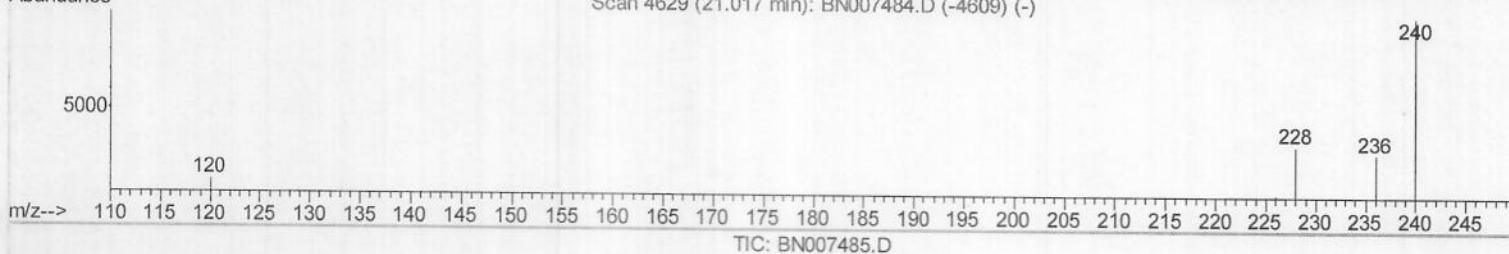
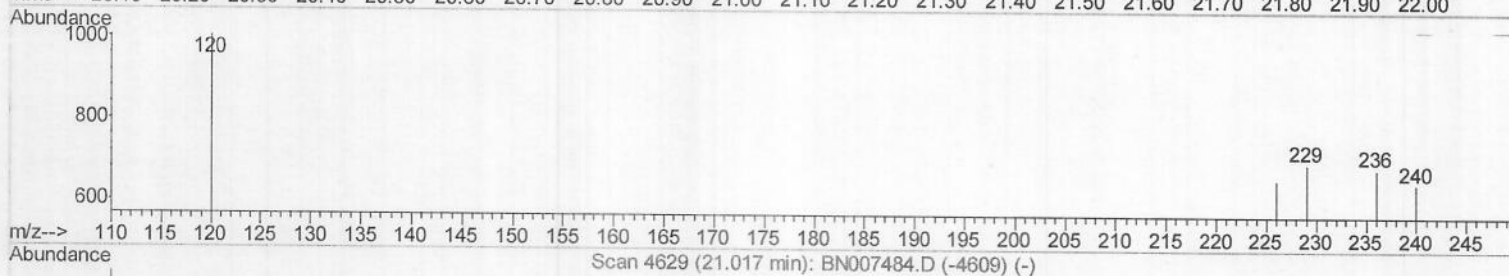
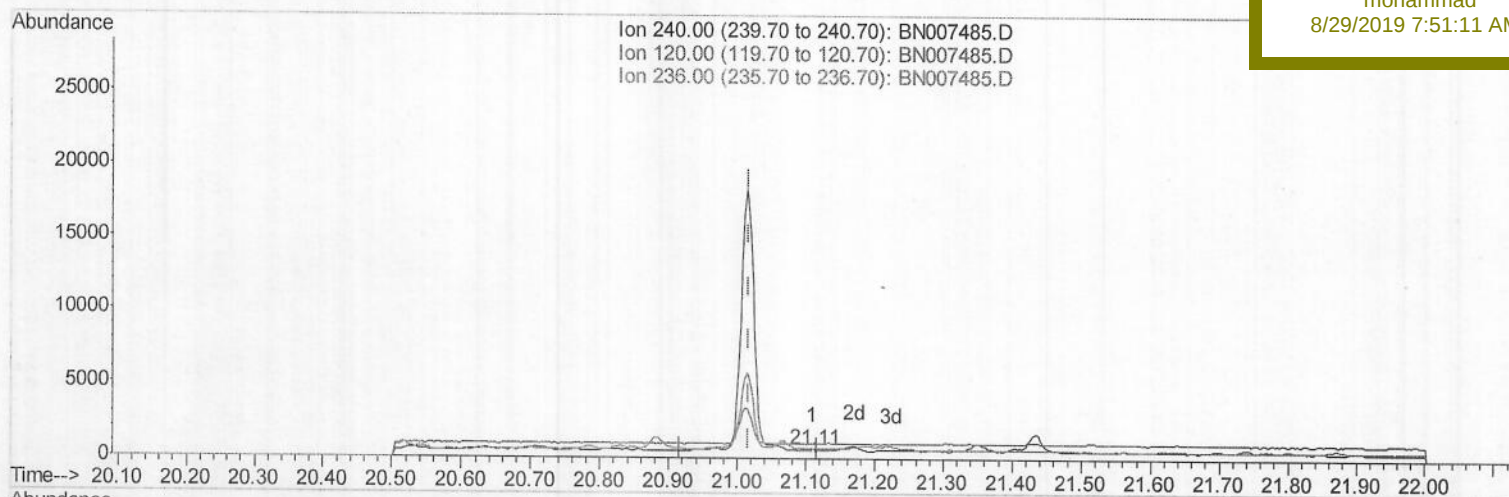
C0AE0

Manual Integrations

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(16) Chrysene-d12 (I)

21.110min (+0.093) 0.40ng/ul

response 201

Ion	Exp%	Act%
240.00	100	100
120.00	15.00	155.26#
236.00	28.60	105.73#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082819\
Quantitation Report (Qedit)

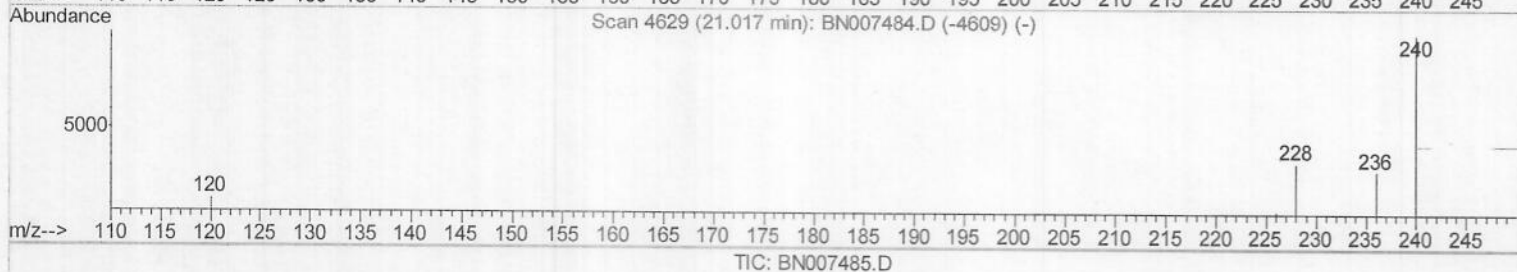
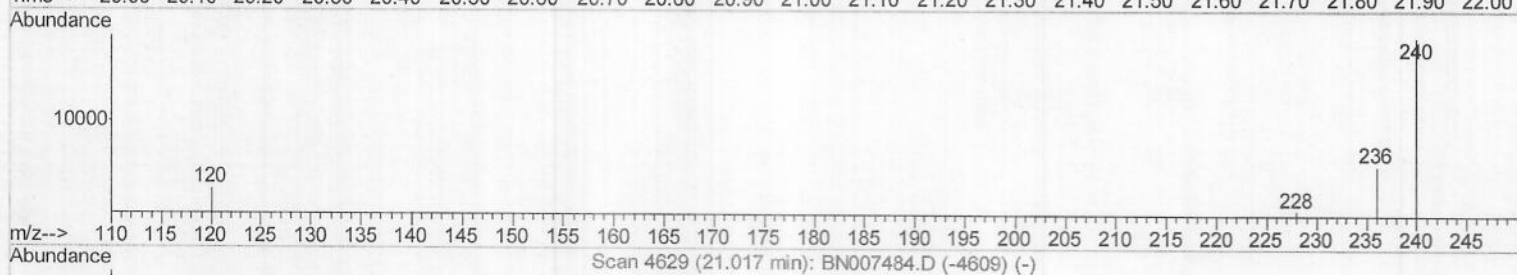
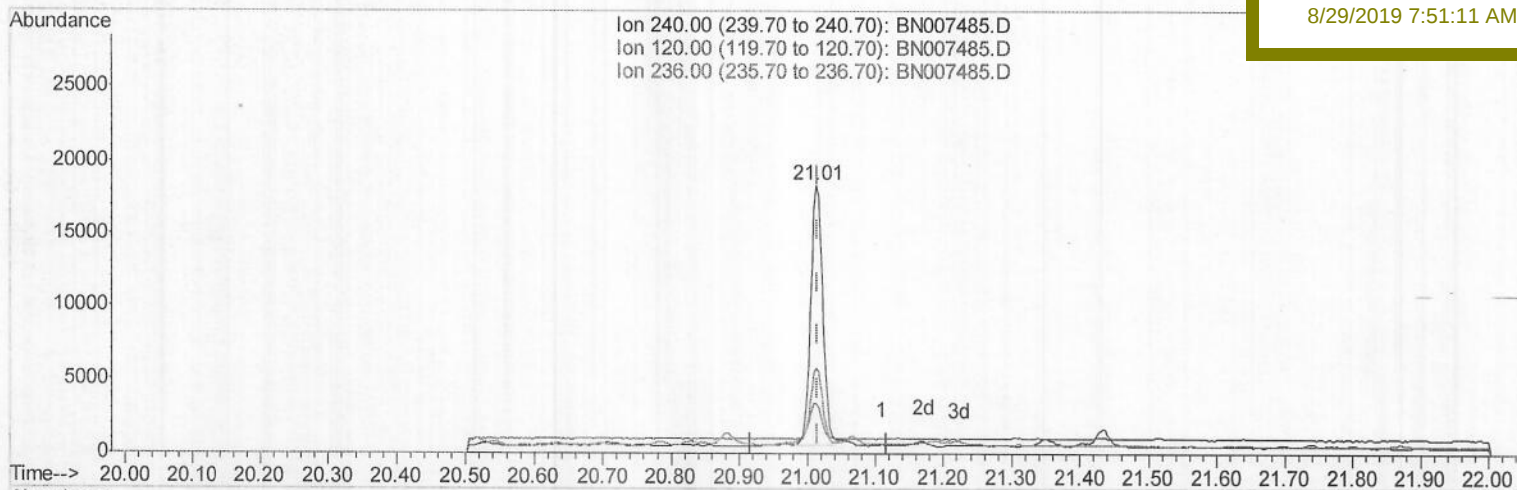
Data File : BN007485.D
Acq On : 29 Aug 2019 01:47
Operator : HP/JU
Sample : K4395-03
Misc :
ALS Vial : 61 Sample Multiplier: 1

Quant Time: Aug 29 03:36:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 03:32:53 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AE0

Manual Integrations
APPROVED

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8/29/2019 7:51:11 AM



(16) Chrysene-d12 (I)

21.013min (-0.003) 0.40ng/ul m

response 21943

Ion	Exp%	Act%
240.00	100	100
120.00	15.00	18.36#
236.00	28.60	31.40
0.00	0.00	0.00

JU
08/30/19

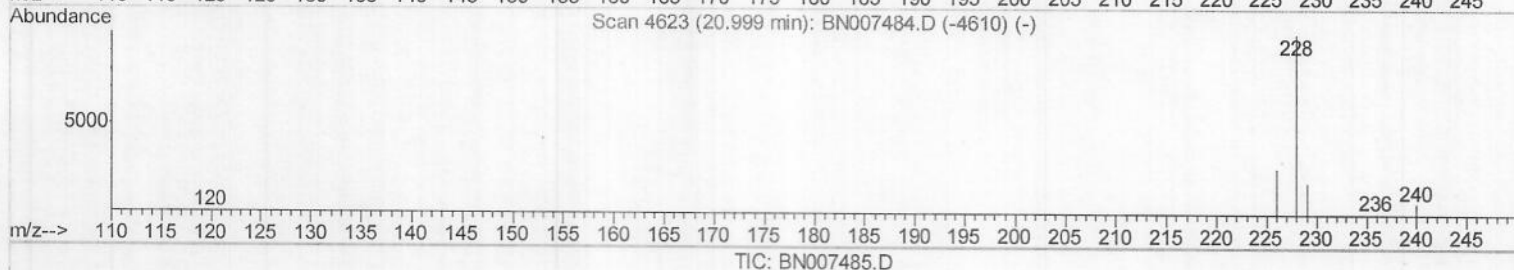
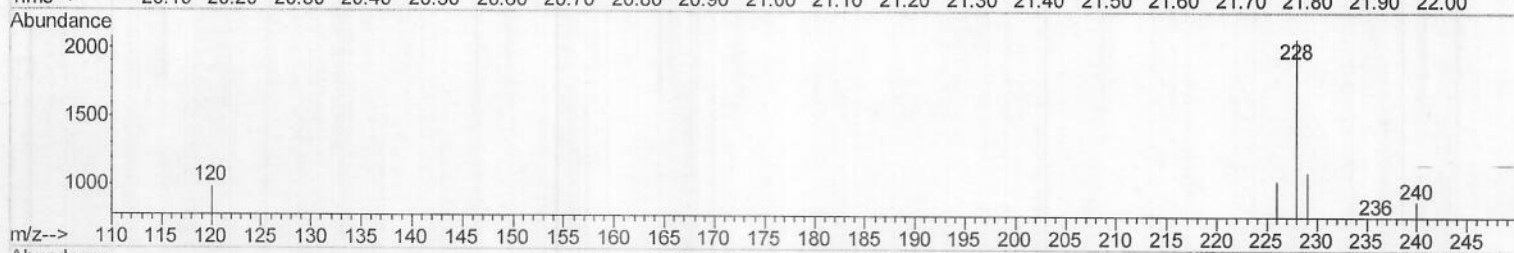
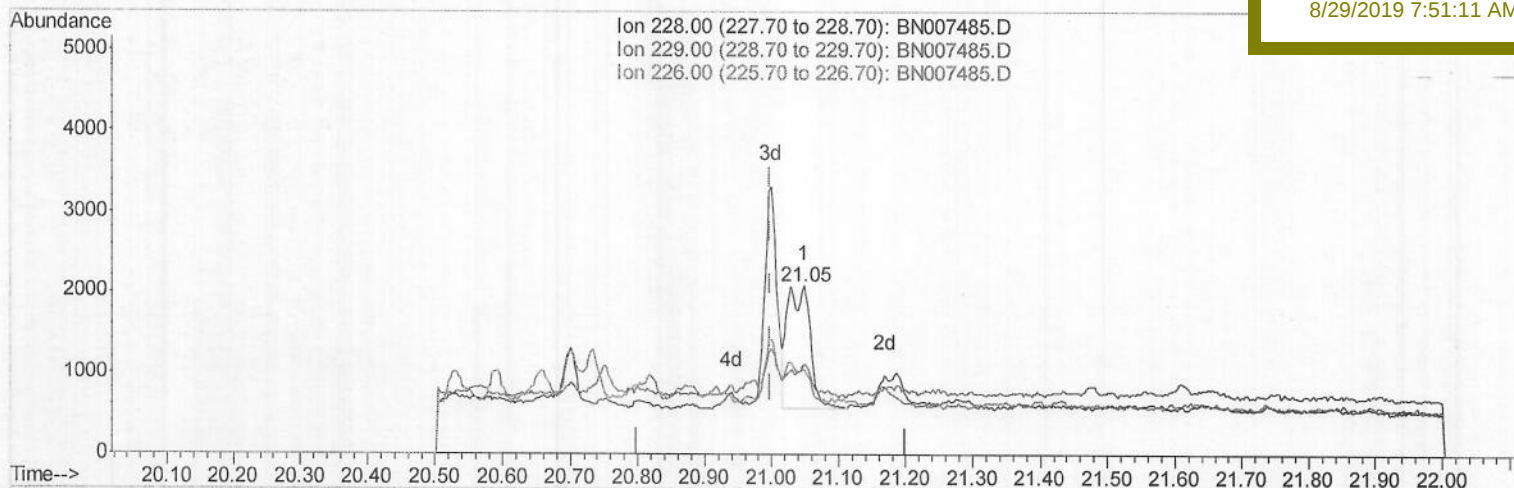
Data File : BN007485.D
Acq On : 29 Aug 2019 01:47
Operator : HP/JU
Sample : K4395-03
Misc :
ALS Vial : 61 Sample Multiplier: 1

Quant Time: Aug 29 03:38:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 03:32:53 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AE0

Manual Integrations
APPROVED

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8/29/2019 7:51:11 AM



(18) Benzo(a)anthracene

21.049min (+0.049) 0.04ng/ul

response 3533

Ion	Exp%	Act%
228.00	100	100
229.00	19.30	53.05#
226.00	27.50	50.12#
0.00	0.00	0.00

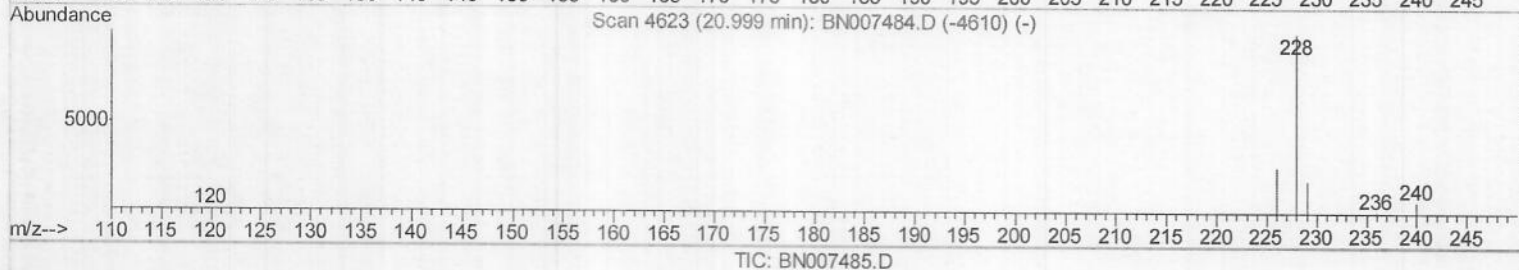
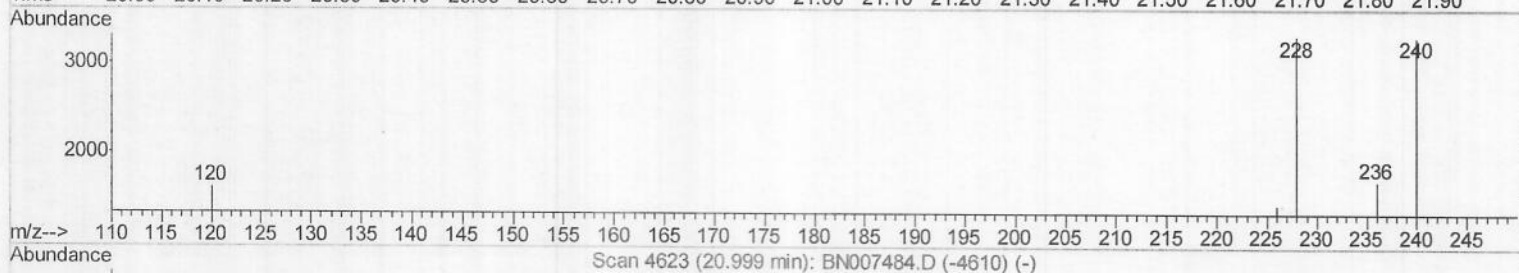
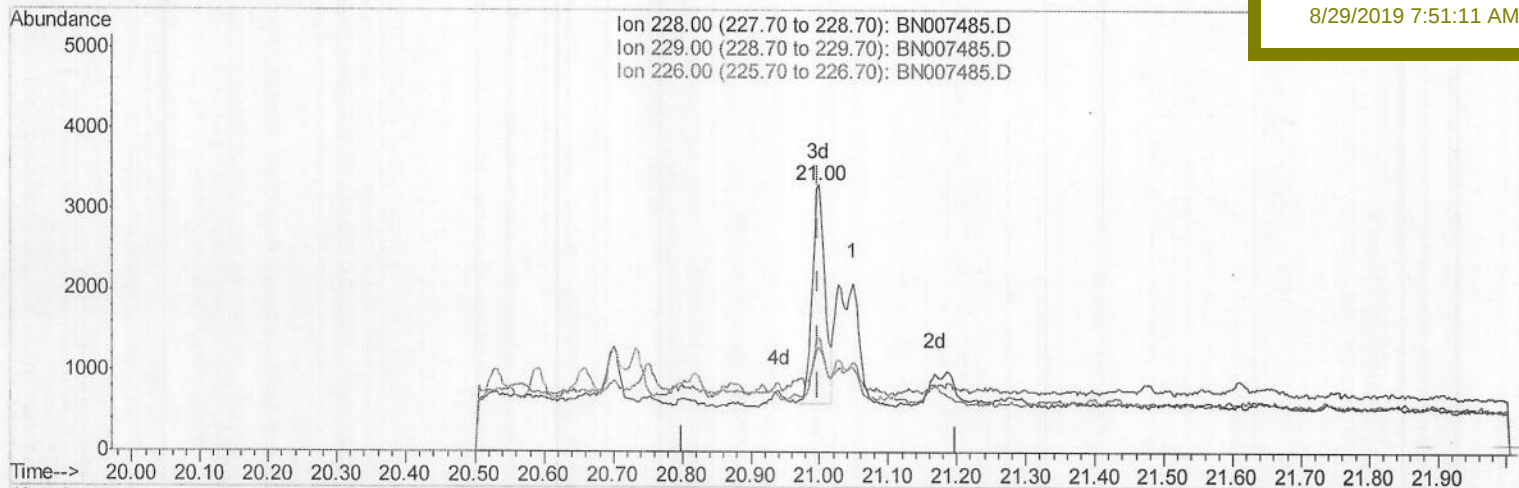
Data File : BN007485.D
Acq On : 29 Aug 2019 01:47
Operator : HP/JU
Sample : K4395-03
Misc :
ALS Vial : 61 Sample Multiplier: 1

Quant Time: Aug 29 03:38:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 03:32:53 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AE0

Manual Integrations
APPROVED

mohammad
8/29/2019 7:51:11 AM



(18) Benzo(a)anthracene

20.999min (-0.000) 0.04ng/ul m)JU
08/30/19

response 3509

Ion	Exp%	Act%
228.00	100	100
229.00	19.30	39.22#
226.00	27.50	42.23#
0.00	0.00	0.00

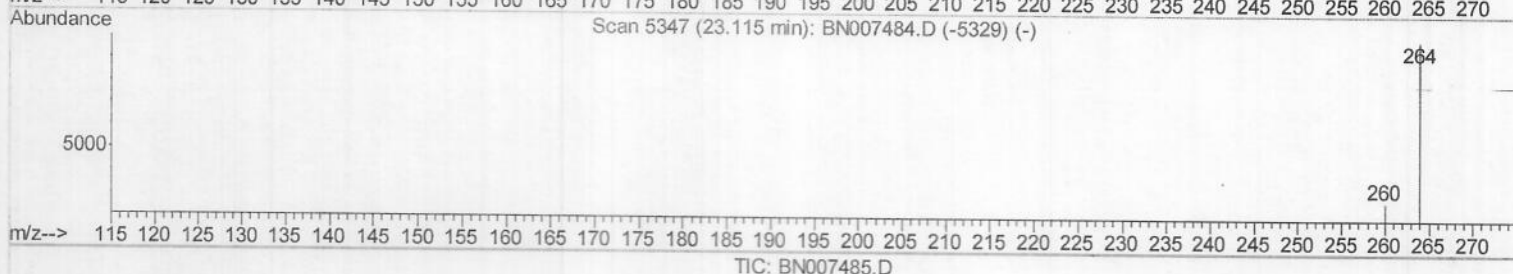
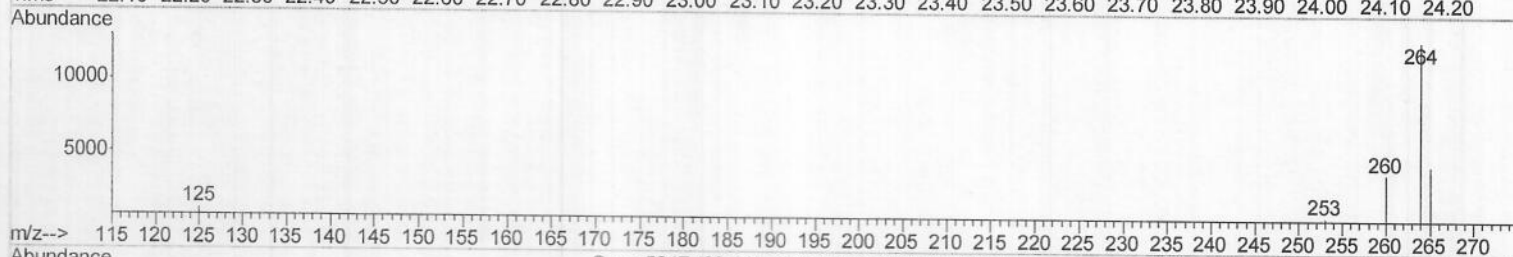
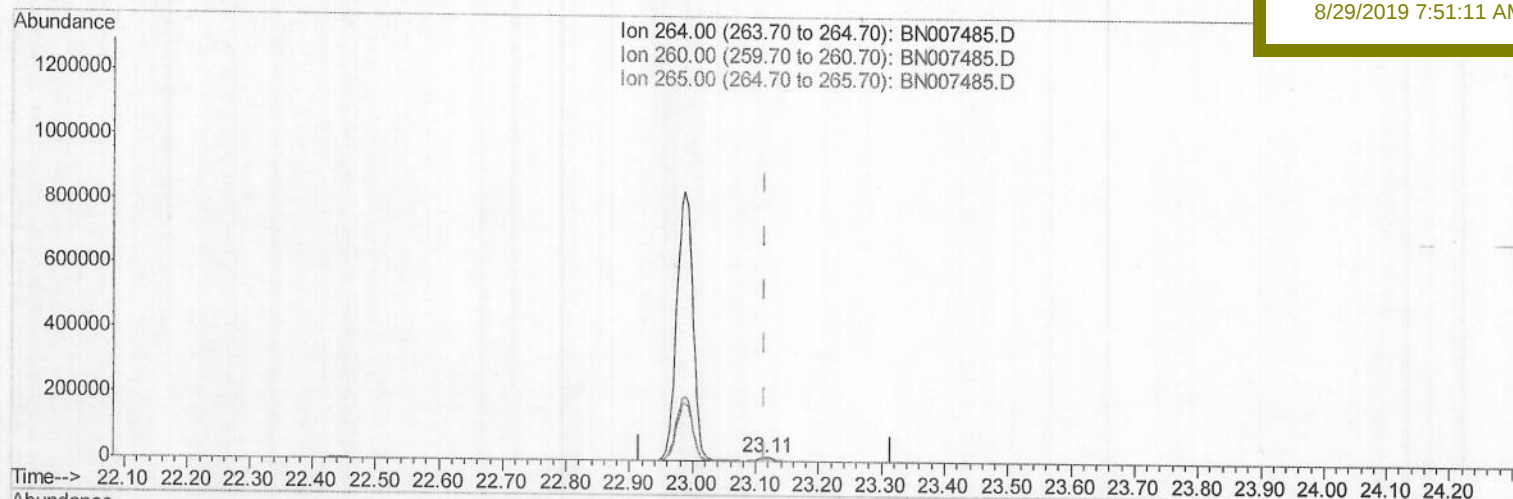
Data File : BN007485.D
Acq On : 29 Aug 2019 01:47
Operator : HP/JU
Sample : K4395-03
Misc :
ALS Vial : 61 Sample Multiplier: 1

Quant Time: Aug 29 03:38:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 03:32:53 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AE0

Manual Integrations
APPROVED

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8/29/2019 7:51:11 AM



(20) Perylene-d12 (I)

23.115min (-0.000) 0.40ng/ul

response 25278

Ion	Exp%	Act%
264.00	100	100
260.00	28.70	28.78
265.00	35.80	33.49
0.00	0.00	0.00

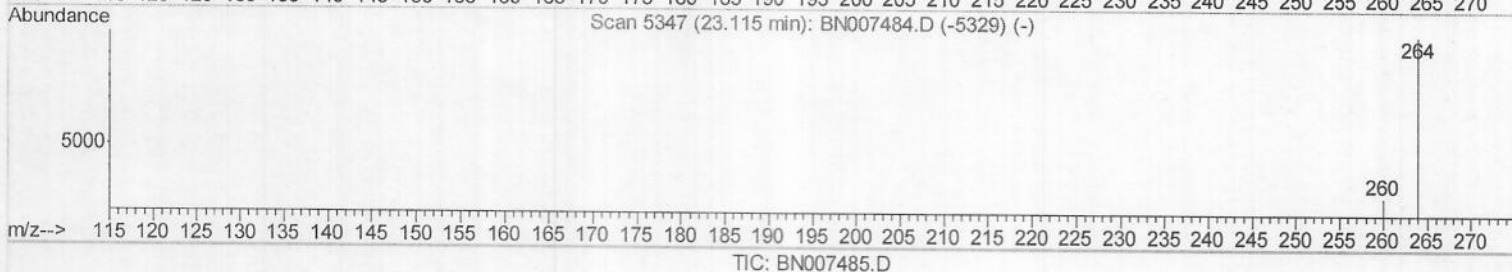
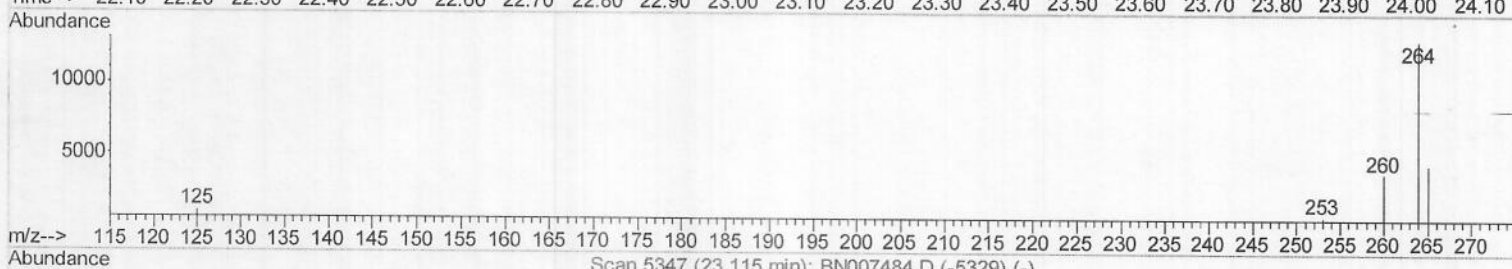
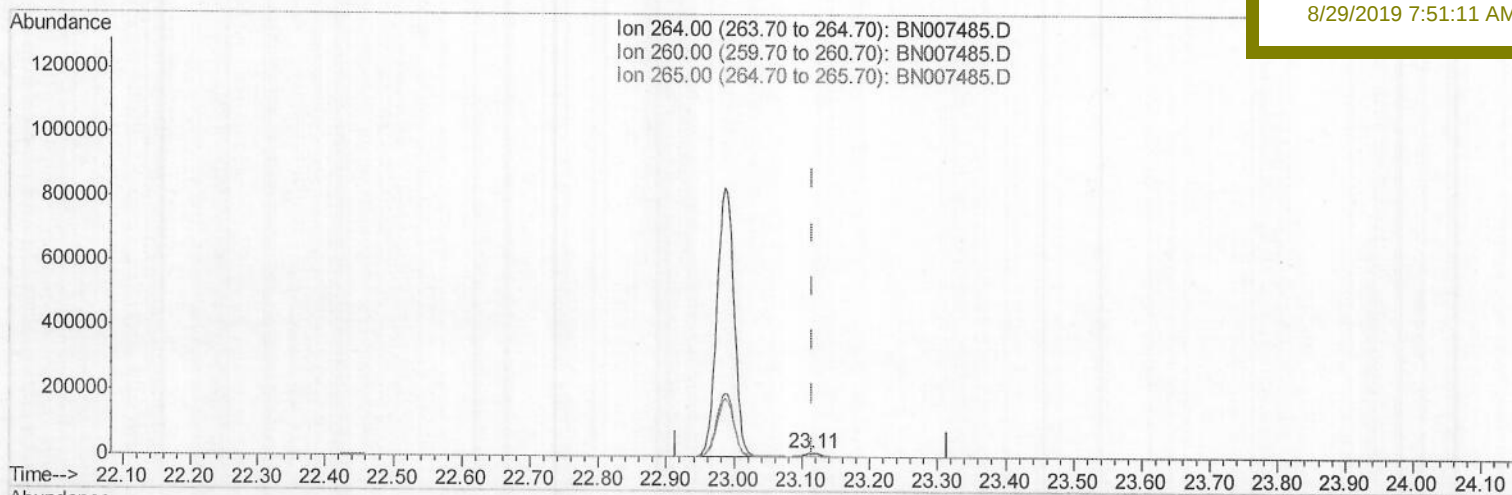
Data File : BN007485.D
Acq On : 29 Aug 2019 01:47
Operator : HP/JU
Sample : K4395-03
Misc :
ALS Vial : 61 Sample Multiplier: 1

Quant Time: Aug 29 03:38:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 03:32:53 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AE0

Manual Integrations
APPROVED

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8/29/2019 7:51:11 AM



(20) Perylene-d12 (I)

23.115min (-0.000) 0.40ng/ul m JU
08/30/19

response 20121

Ion	Exp%	Act%
264.00	100	100
260.00	28.70	28.78
265.00	35.80	33.49
0.00	0.00	0.00

Data File : BN007485.D

Acq On : 29 Aug 2019 01:47

Operator : HP/JU

Sample : K4395-03

Misc :

ALS Vial : 61 Sample Multiplier: 1

Quant Time: Aug 29 03:41:11 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN082819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Aug 29 03:32:53 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

C0AE0

Manual Integrations
APPROVEDmohammad
8/29/2019 7:51:11 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	5158	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	23007	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	12087	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.80	188	28384m)	0.40	ng/ul	0.00
16) Chrysene-d12	21.01	240	21943m)	0.40	ng/ul	0.00
20) Perylene-d12	23.11	264	20121m)	0.40	ng/ul	0.00

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	11.75	152	8596	0.24	ng/ul	0.00
14) Fluoranthene-d10	18.84	212	26175m)	0.28	ng/ul	0.00

Target Compounds

					Qvalue	
3) Naphthalene	10.20	128	4122	0.063	ng/ul#	85
7) Acenaphthylene	13.76	152	4739	0.070	ng/ul#	71
8) Acenaphthene	14.11	153	259841	5.377	ng/ul	98
9) Fluorene	15.10	166	7947	0.152	ng/ul#	19
12) Phenanthrene	16.84	178	4039m)	0.046	ng/ul	
13) Anthracene	16.93	178	29224m)	0.350	ng/ul	
15) Fluoranthene	18.87	202	166009m)	1.400	ng/ul	
17) Pyrene	19.24	202	125709	1.171	ng/ul	
18) Benzo(a)anthracene	21.00	228	3509m)	0.036	ng/ul	

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