

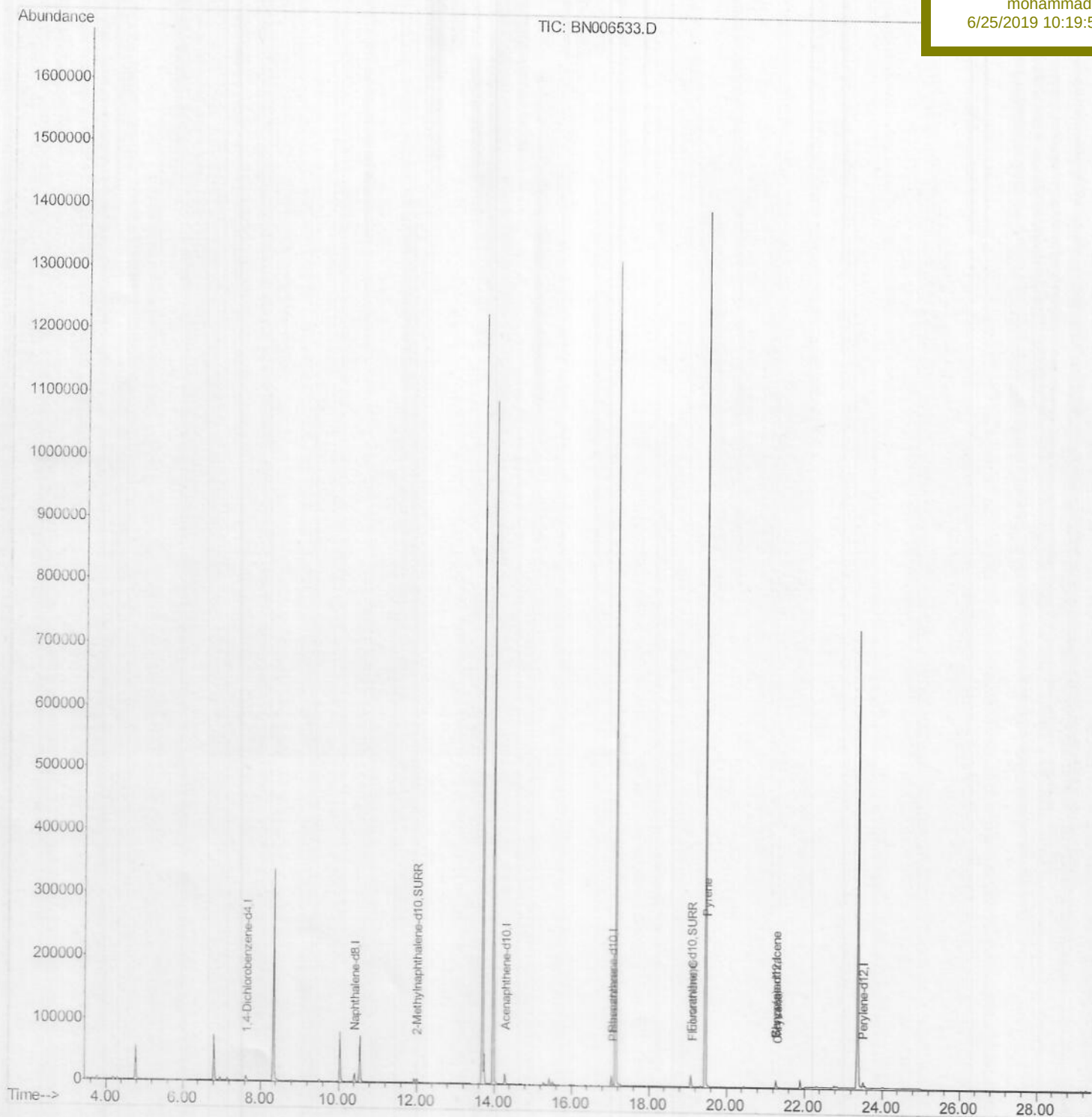
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006533.D
Acq On : 24 Jun 2019 16:28
Operator : HP/JU
Sample : K3362-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 25 01:45:56 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 : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A41T7

Manual Integrations
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6/25/2019 10:19:52 PM



Quantitation Report (Qedit)

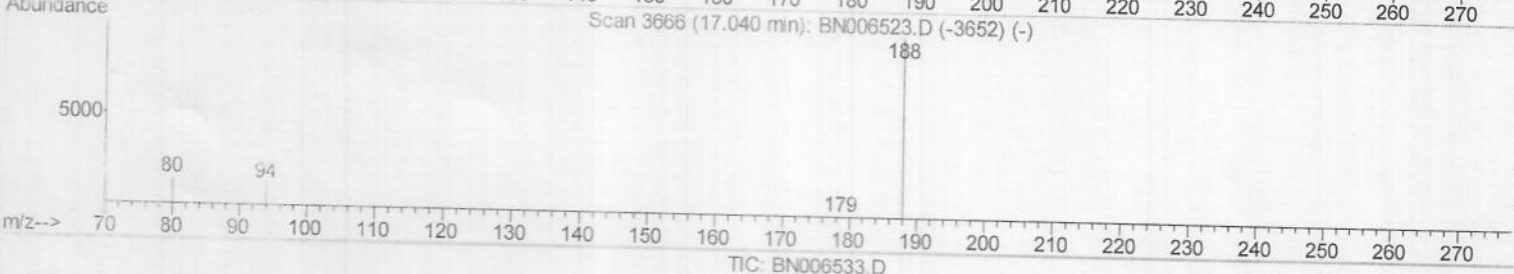
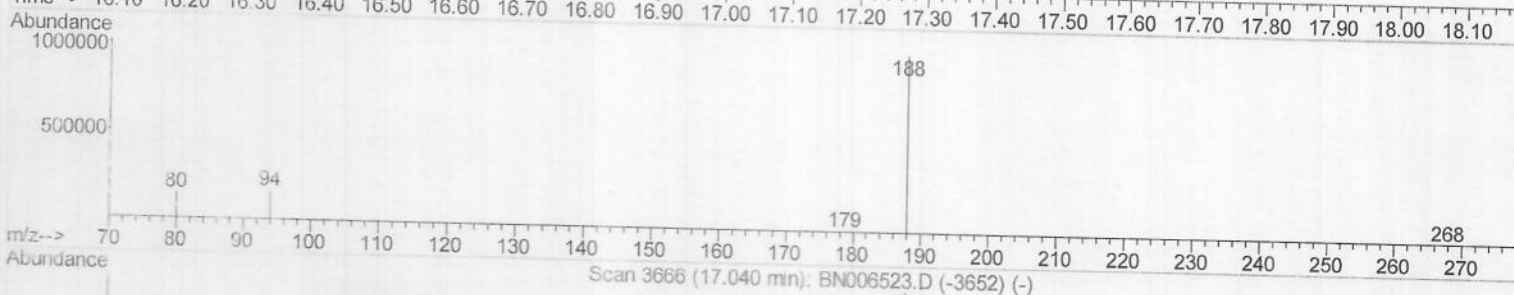
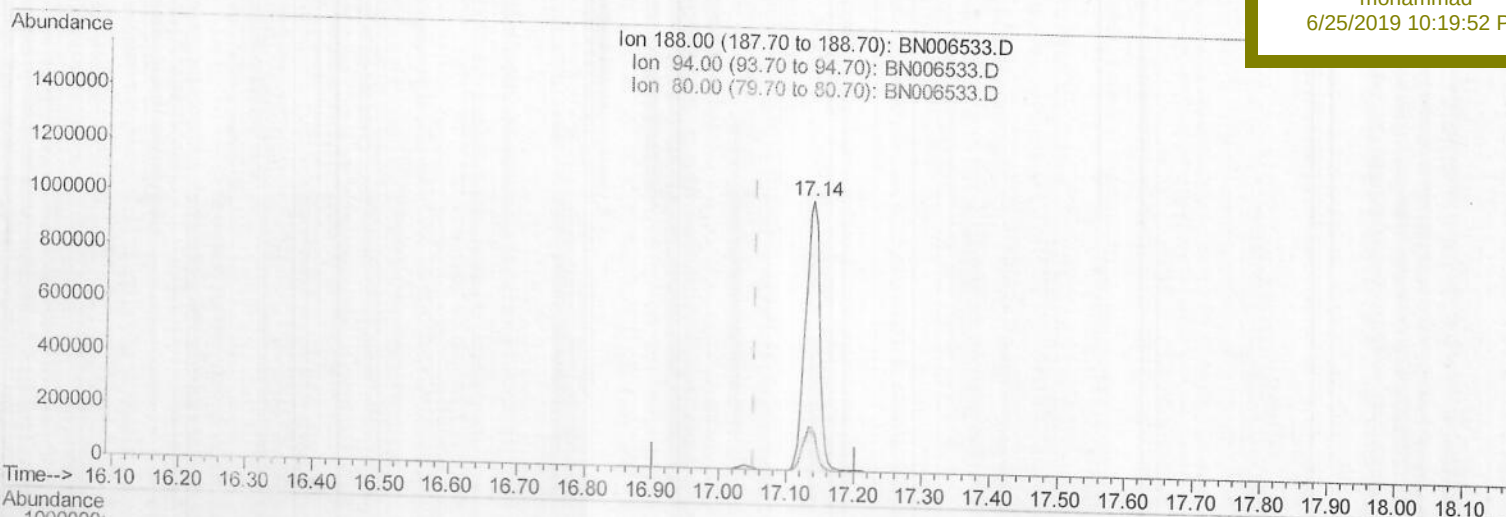
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006533.D
 Acq On : 24 Jun 2019 16:28
 Operator : HP/JU
 Sample : K3362-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 25 00:44:13 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 : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 Client Sampled :
 A41T7

Manual Integrations
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(10) Phenanthrene-d10 (I)

17.137min (+0.064) 0.40ng/ul

response 1471583

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	15.83#
80.00	13.60	14.32
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006533.D

Acq On : 24 Jun 2019 16:28

Operator : HP/JU

Sample : K3362-01

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 25 00:44:13 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 : Mon Jun 17 11:13:07 2019

Response via : Initial Calibration

Instrument :

BNA_N

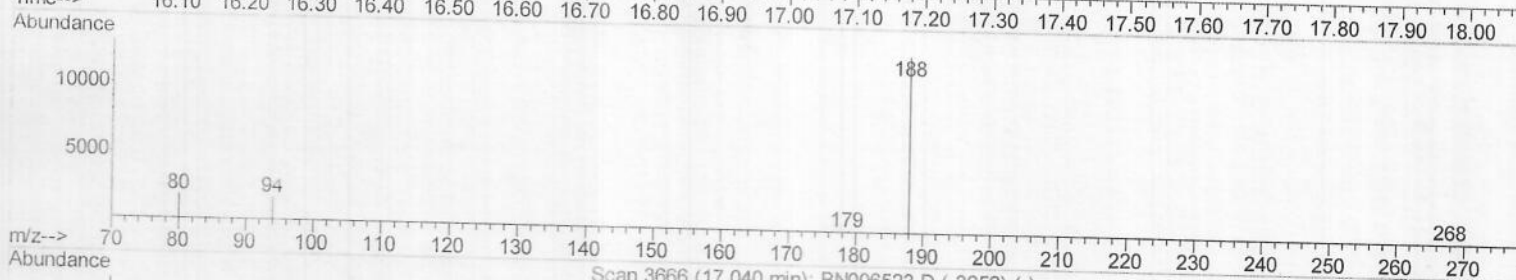
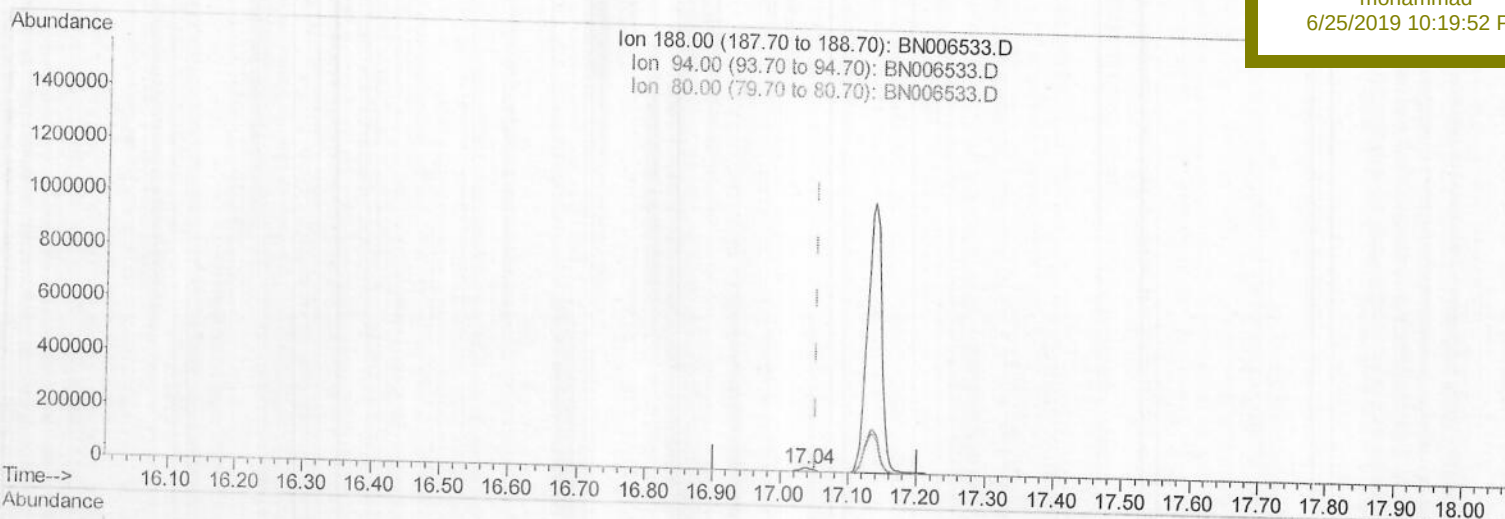
ClientSampleId :

A41T7

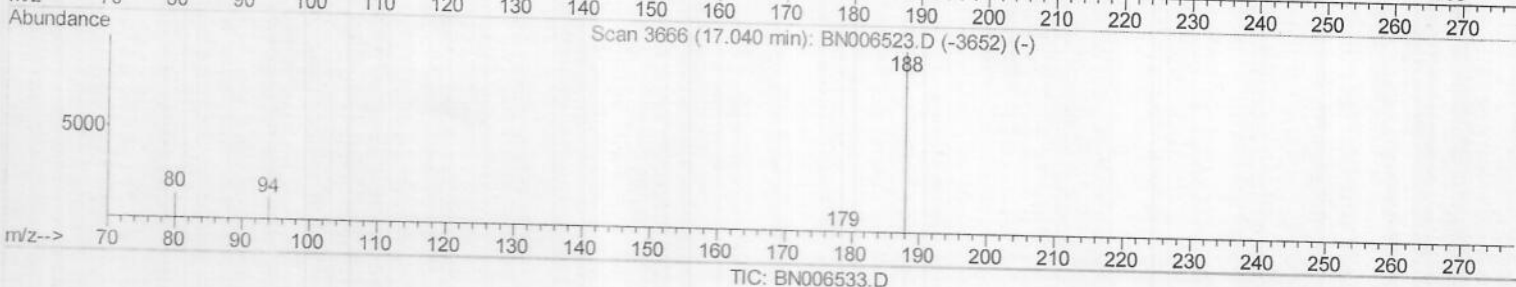
Manual Integrations
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Scan 3666 (17.040 min): BN006523.D (-3652) (-)



TIC: BN006533.D

(10) Phenanthrene-d10 (I)

17.040min (-0.013) 0.40ng/ul m

> JU 06/26/19

response 18724

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	12.70
80.00	13.60	13.98
0.00	0.00	0.00

Quantitation Report (Qedit)

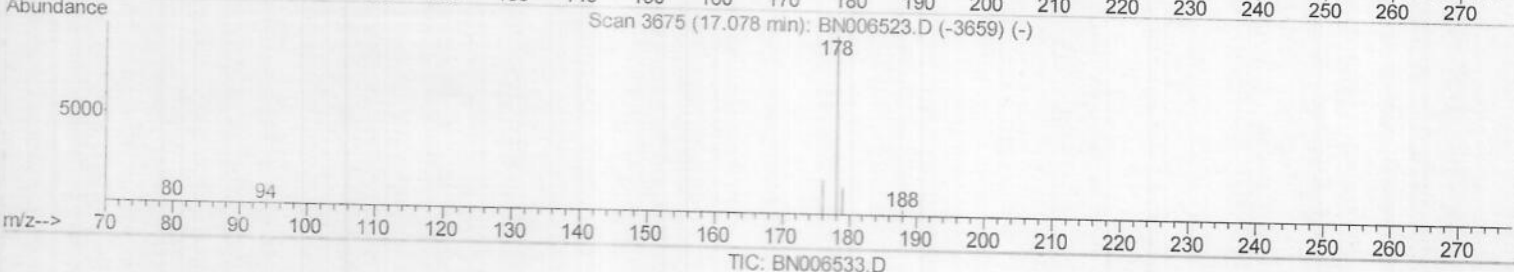
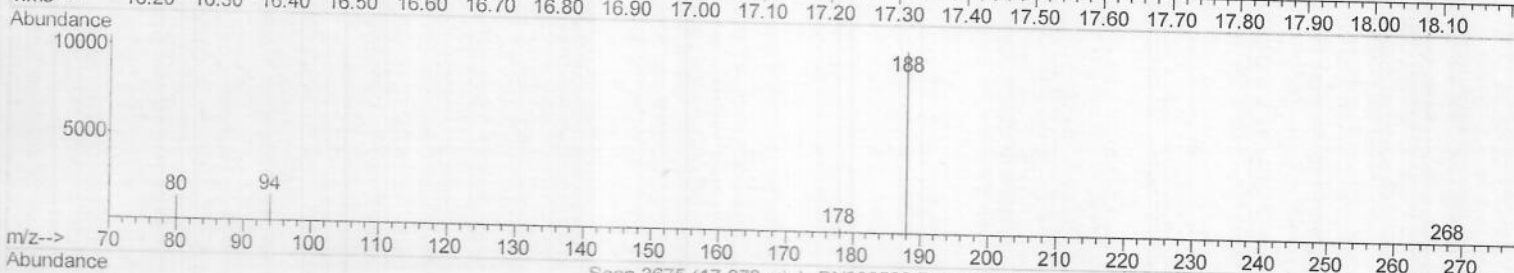
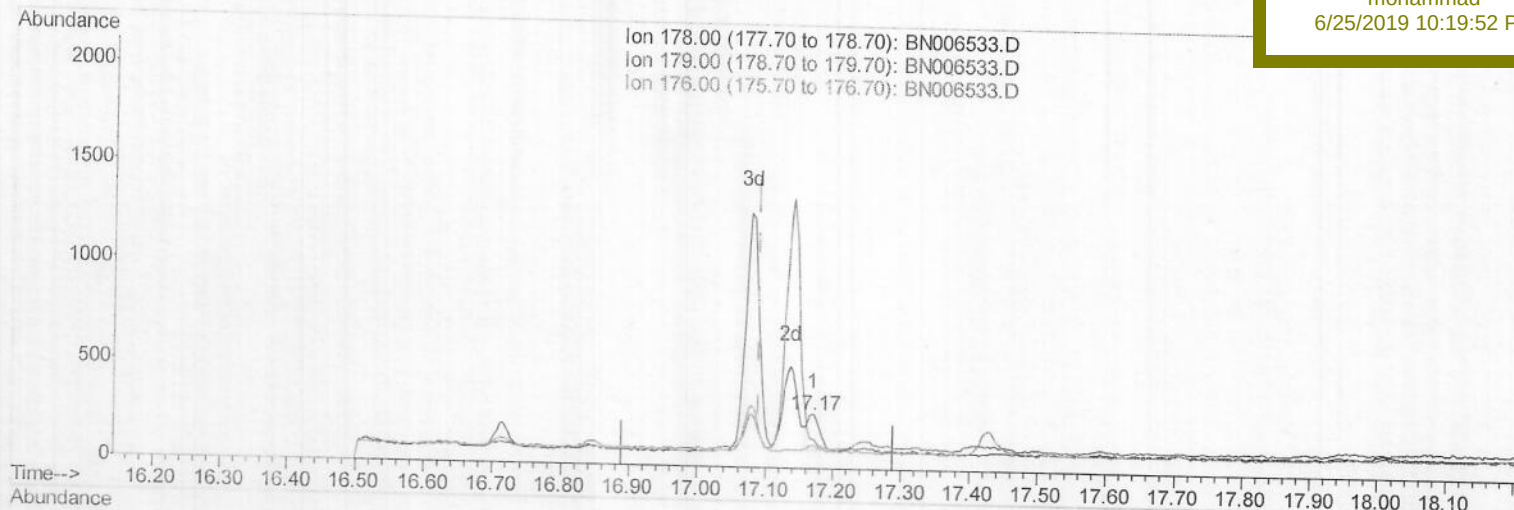
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006533.D
 Acq On : 24 Jun 2019 16:28
 Operator : HP/JU
 Sample : K3362-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 25 01:36:19 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 : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 A41T7

Manual Integrations
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(12) Phenanthrene

17.170min (+0.080) 0.00ng/ul

response 237

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	52.90#
176.00	19.10	43.12#
0.00	0.00	0.00

Quantitation Report (Qedit)

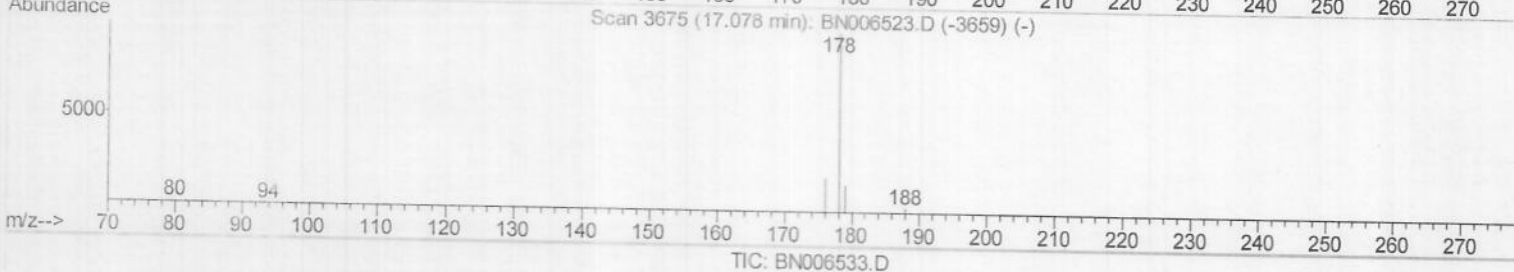
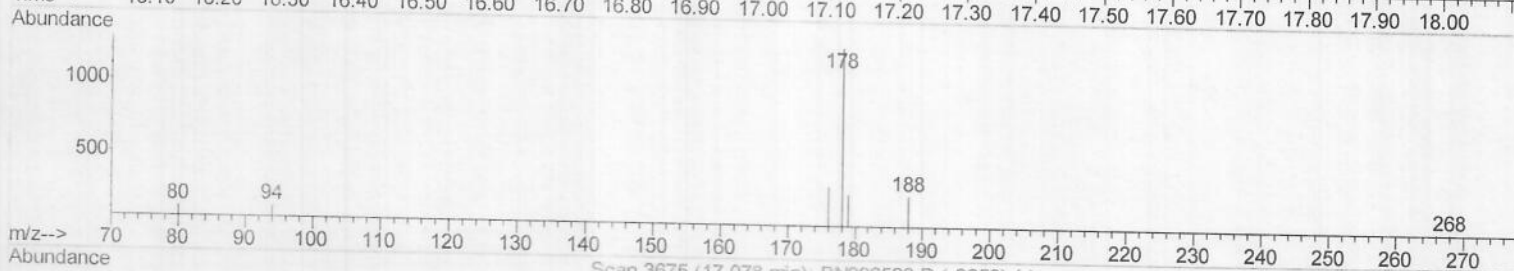
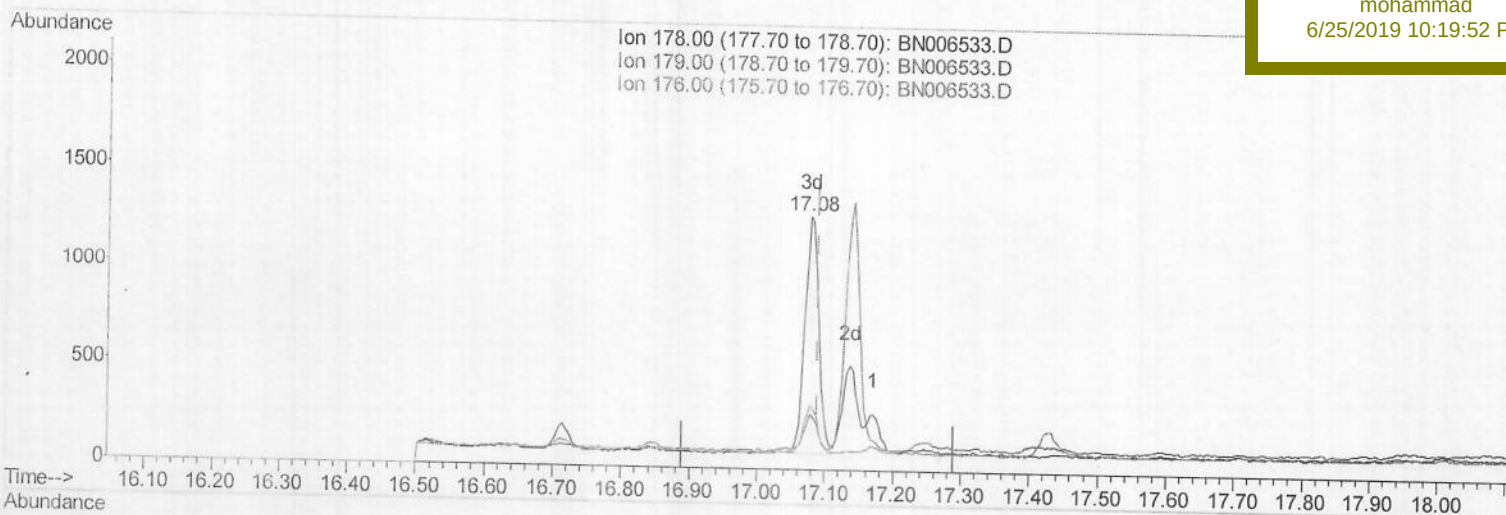
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006533.D
 Acq On : 24 Jun 2019 16:28
 Operator : HP/JU
 Sample : K3362-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 25 01:36:19 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 : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 A41T7

Manual Integrations
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(12) Phenanthrene

17.078min (-0.013) 0.03ng/ul m

> JU 06/26/19

response 1693

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	21.10#
176.00	19.10	24.67#
0.00	0.00	0.00

Quantitation Report (Qedit)

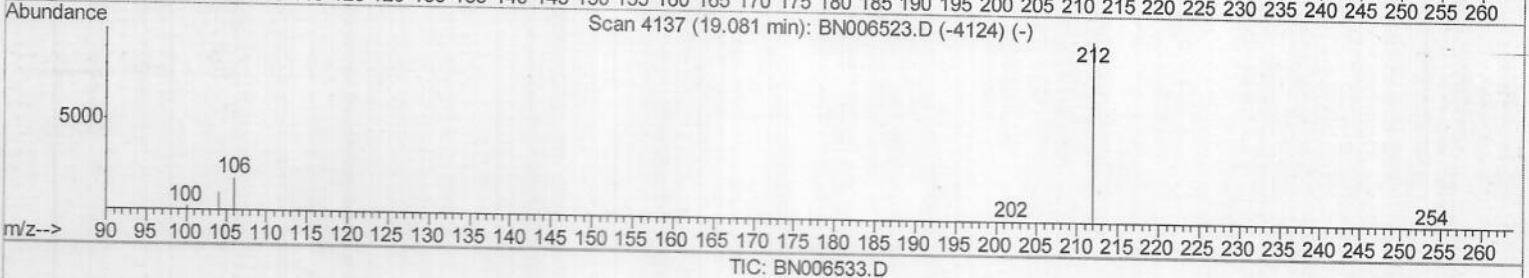
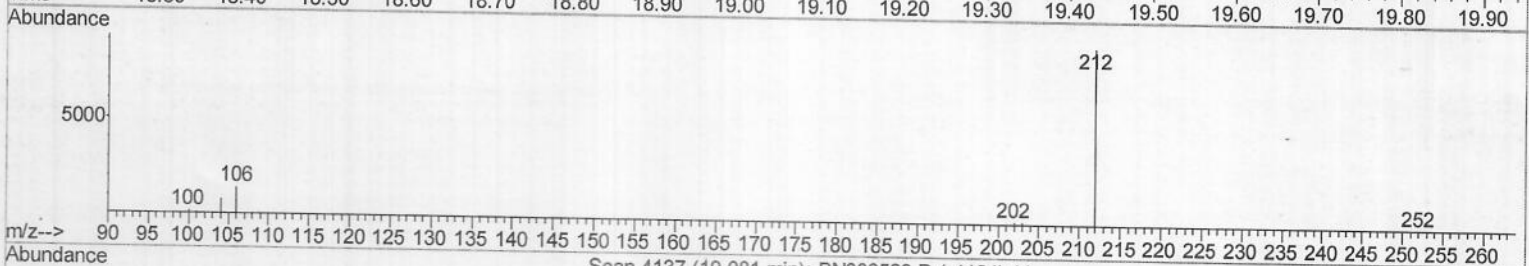
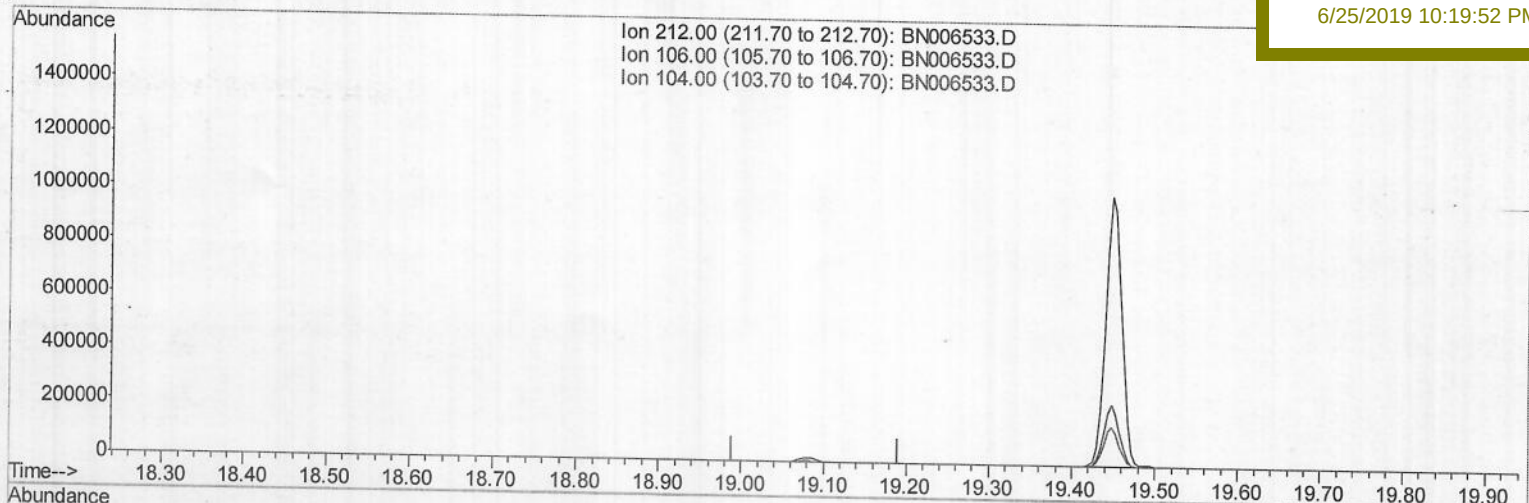
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006533.D
 Acq On : 24 Jun 2019 16:28
 Operator : HP/JU
 Sample : K3362-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 25 01:36:19 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 : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 A41T7

Manual Integrations
 APPROVED

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(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

Quantitation Report (Qedit)

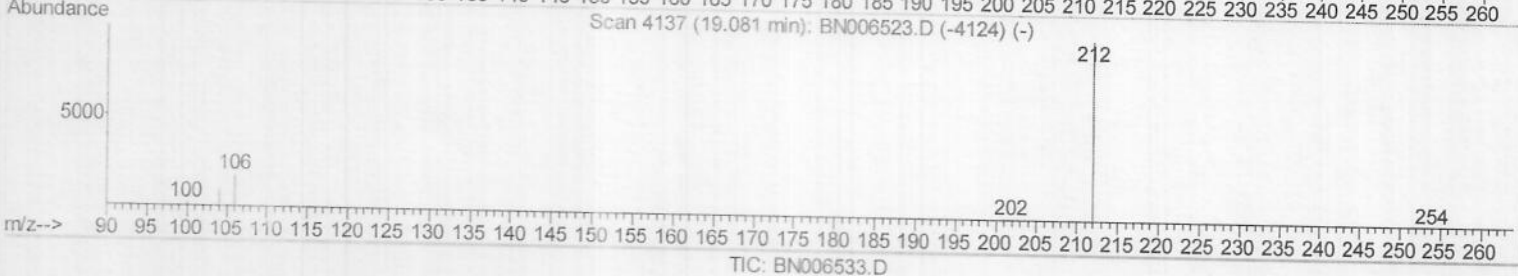
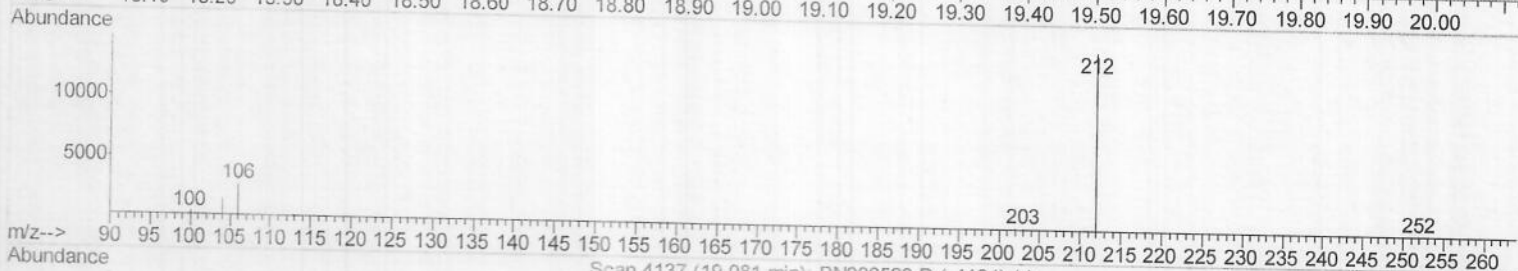
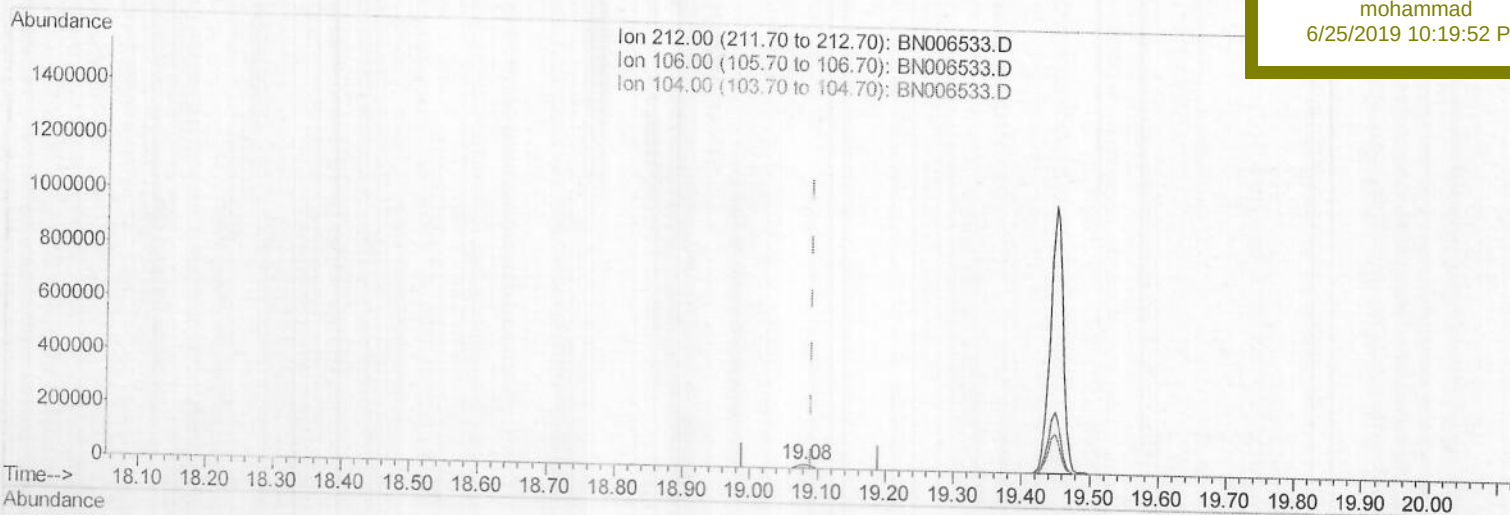
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006533.D
 Acq On : 24 Jun 2019 16:28
 Operator : HP/JU
 Sample : K3362-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 25 01:36:19 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 : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 A41T7

Manual Integrations
 APPROVED

mohammad
 6/25/2019 10:19:52 PM



(14) Fluoranthene-d10 (SURR)

19.081min (-0.009) 0.41ng/ul m

> JU 06/26/19

response 20380

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

Quantitation Report (Qedit)

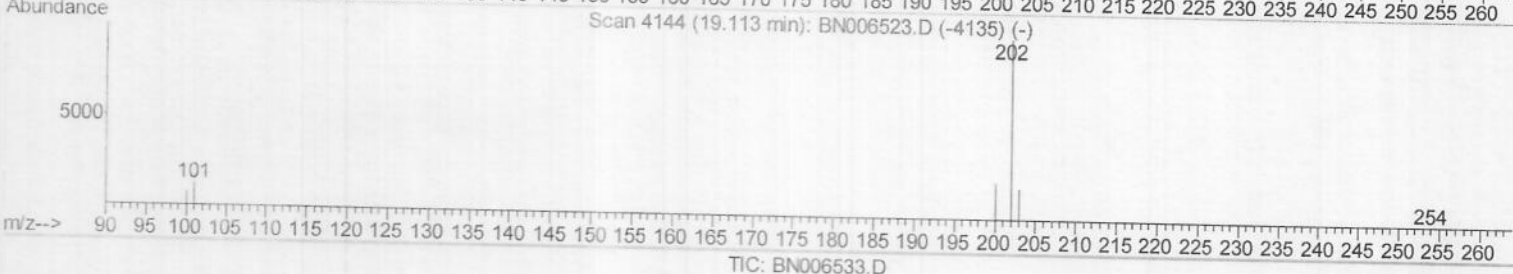
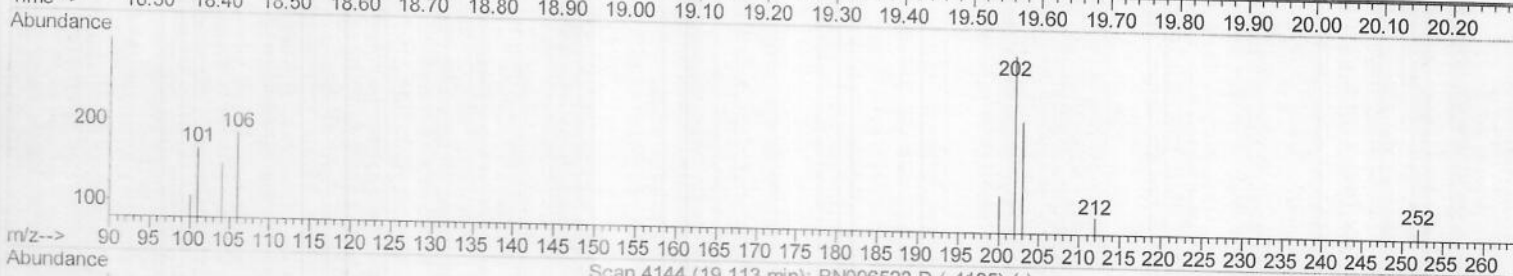
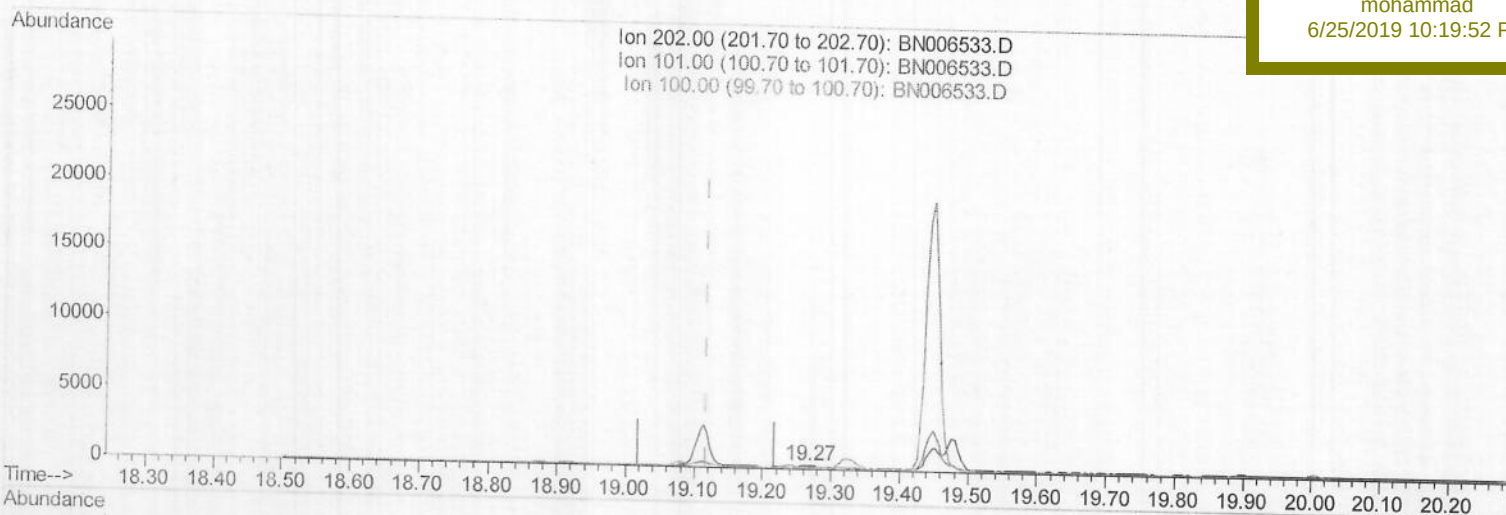
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006533.D
 Acq On : 24 Jun 2019 16:28
 Operator : HP/JU
 Sample : K3362-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 25 01:39:04 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 : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 A41T7

Manual Integrations
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 6/25/2019 10:19:52 PM



(15) Fluoranthene (C)

19.267min (+0.149) 0.00ng/ul

response 261

Ion	Exp%	Act%
202.00	100	100
101.00	12.10	55.00#
100.00	8.70	35.33#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\

Data File : BN006533.D

Acq On : 24 Jun 2019 16:28

Operator : HP/JU

Sample : K3362-01

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 25 01:39:04 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 : Mon Jun 17 11:13:07 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

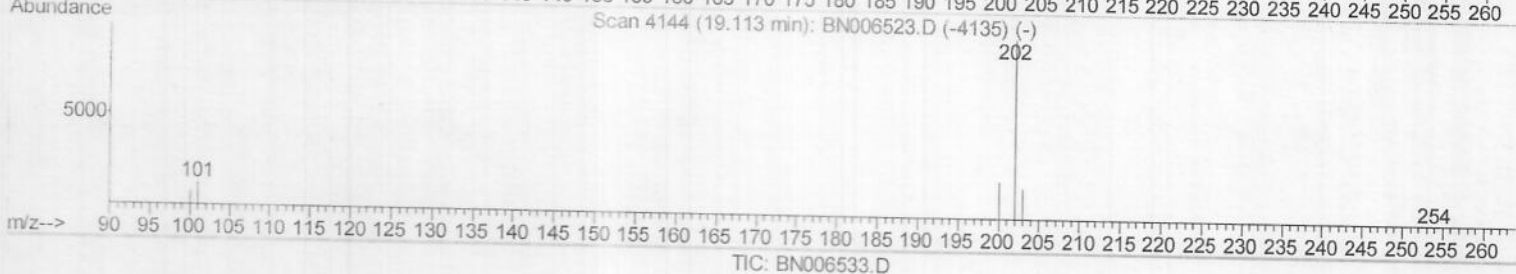
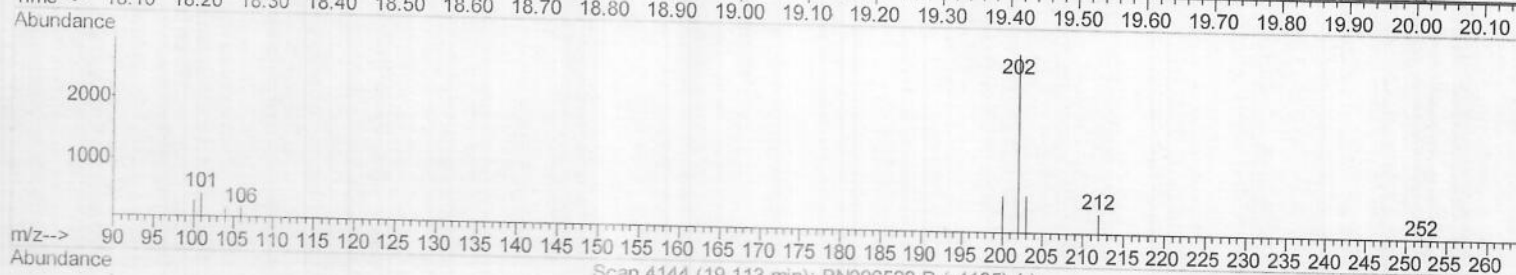
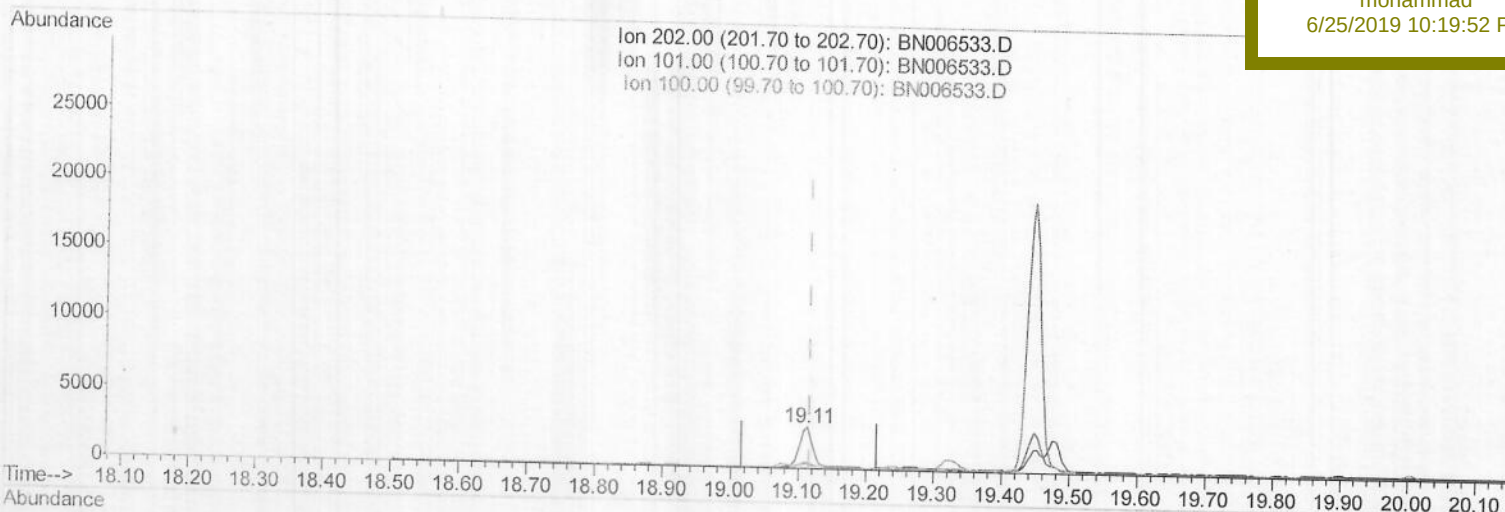
A41T7

Manual Integrations

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(15) Fluoranthene (C)

19.113min (-0.005) 0.06ng/ul m

> JU 06/26/19

response 3827

Ion	Exp%	Act%
202.00	100	100
101.00	12.10	15.21
100.00	8.70	11.26
0.00	0.00	0.00

Quantitation Report (Qedit)

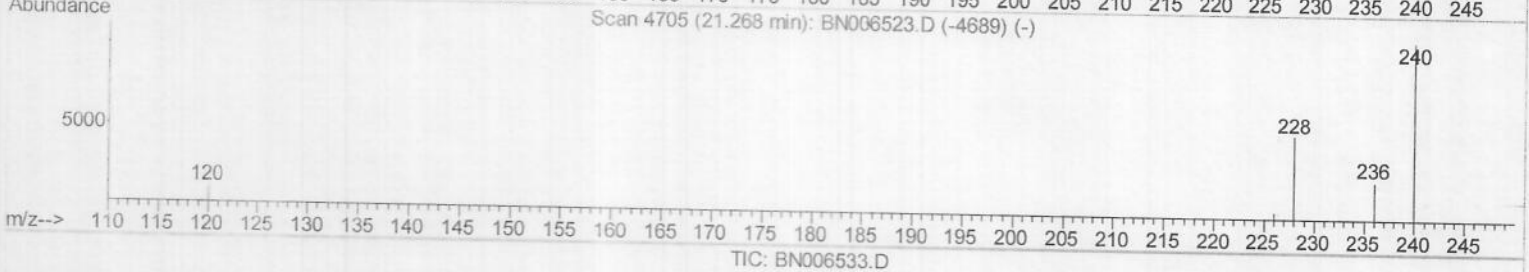
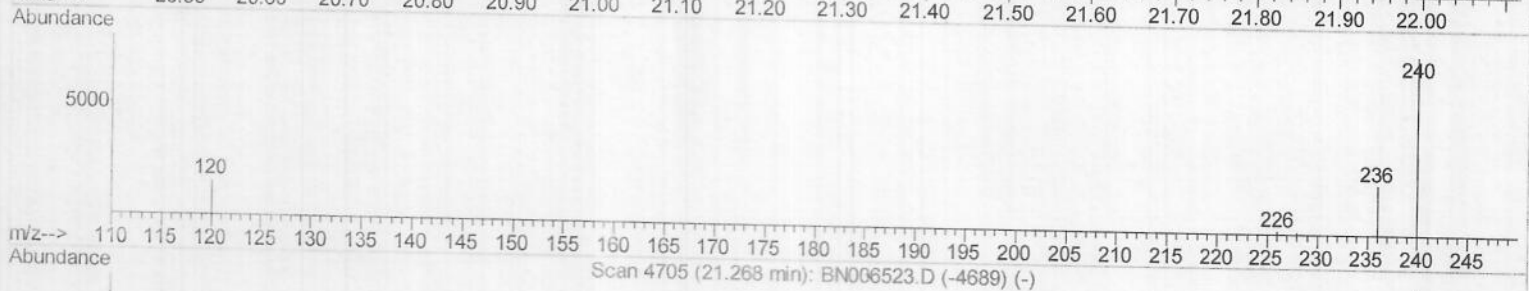
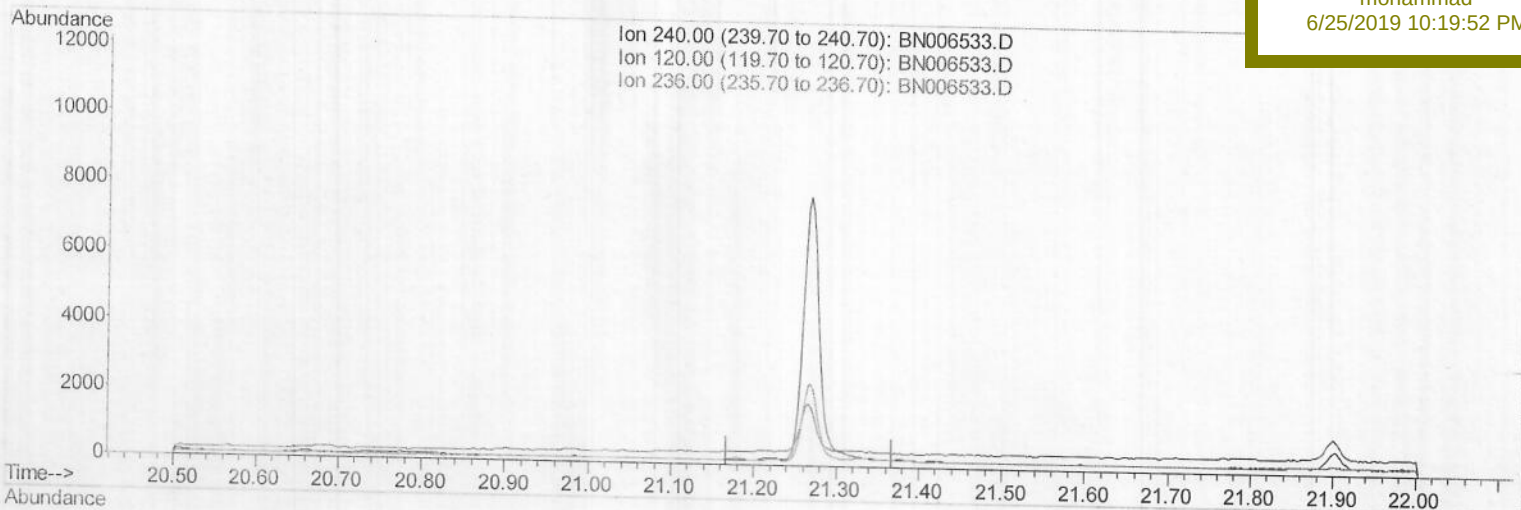
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006533.D
 Acq On : 24 Jun 2019 16:28
 Operator : HP/JU
 Sample : K3362-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 25 01:39:04 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 : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 A41T7

Manual Integrations
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 6/25/2019 10:19:52 PM



(16) Chrysene-d12 (I)

21.268min (-21.268) 0.00ng/ul

response 0

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

Quantitation Report (Qedit)

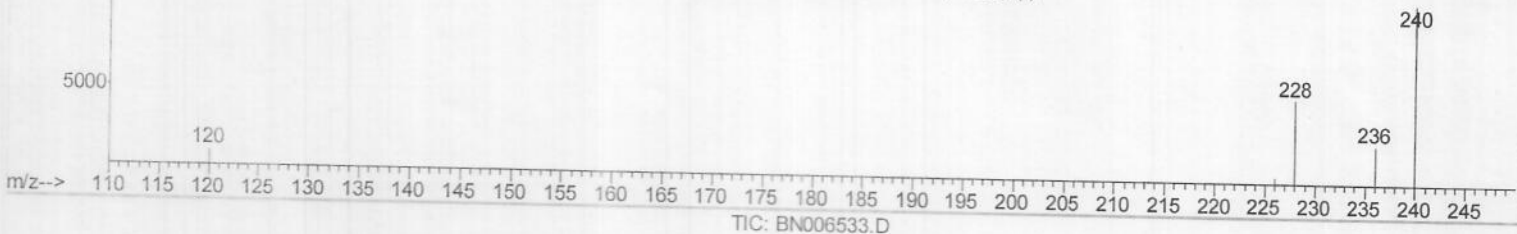
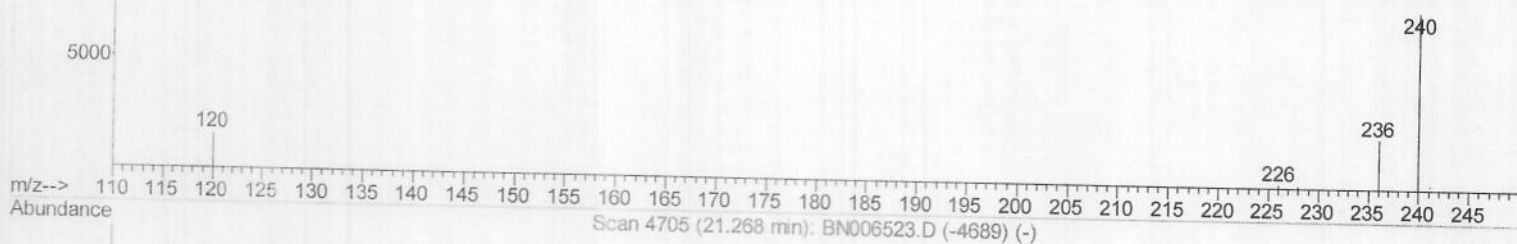
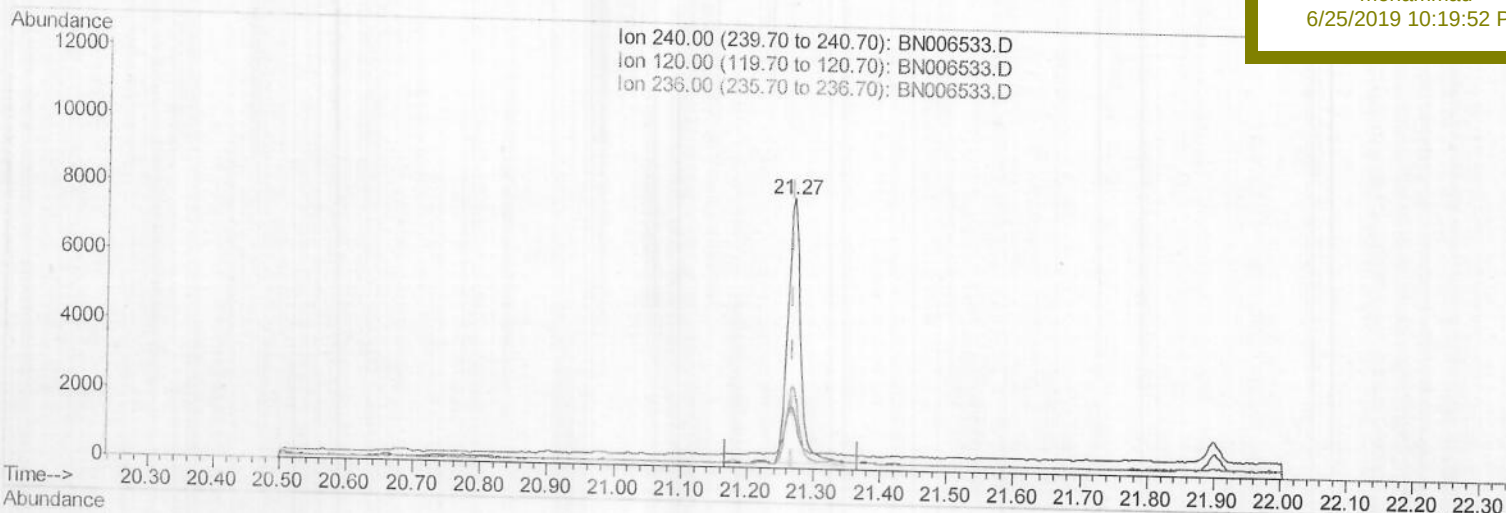
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006533.D
 Acq On : 24 Jun 2019 16:28
 Operator : HP/JU
 Sample : K3362-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 25 01:39:04 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 : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 A41T7

Manual Integrations
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(16) Chrysene-d12 (I)

21.268min (-0.000) 0.40ng/ul m

7 JU 06/26/19

response 10468

Ion	Exp%	Act%
240.00	100	100
120.00	20.10	22.27
236.00	30.10	30.44
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\

Data File : BN006533.D

Acq On : 24 Jun 2019 16:28

Operator : HP/JU

Sample : K3362-01

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 25 01:41:24 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 : Mon Jun 17 11:13:07 2019

Response via : Initial Calibration

Instrument :

BNA_N

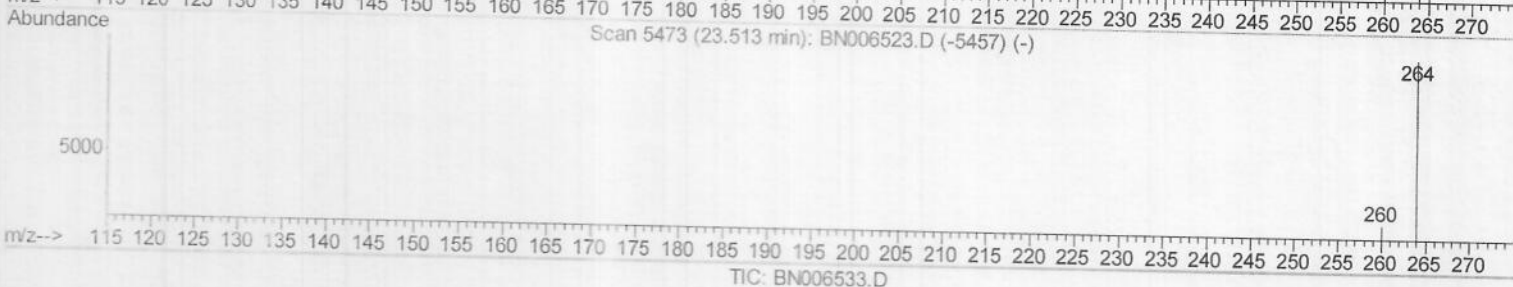
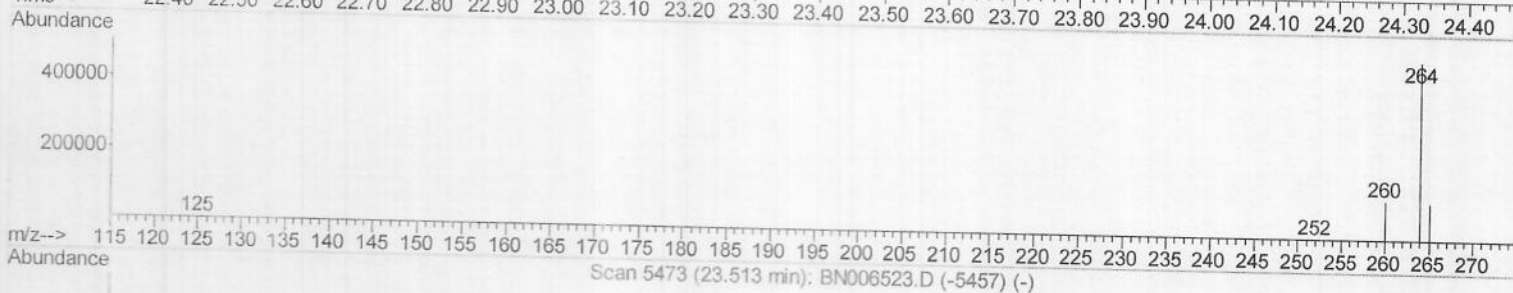
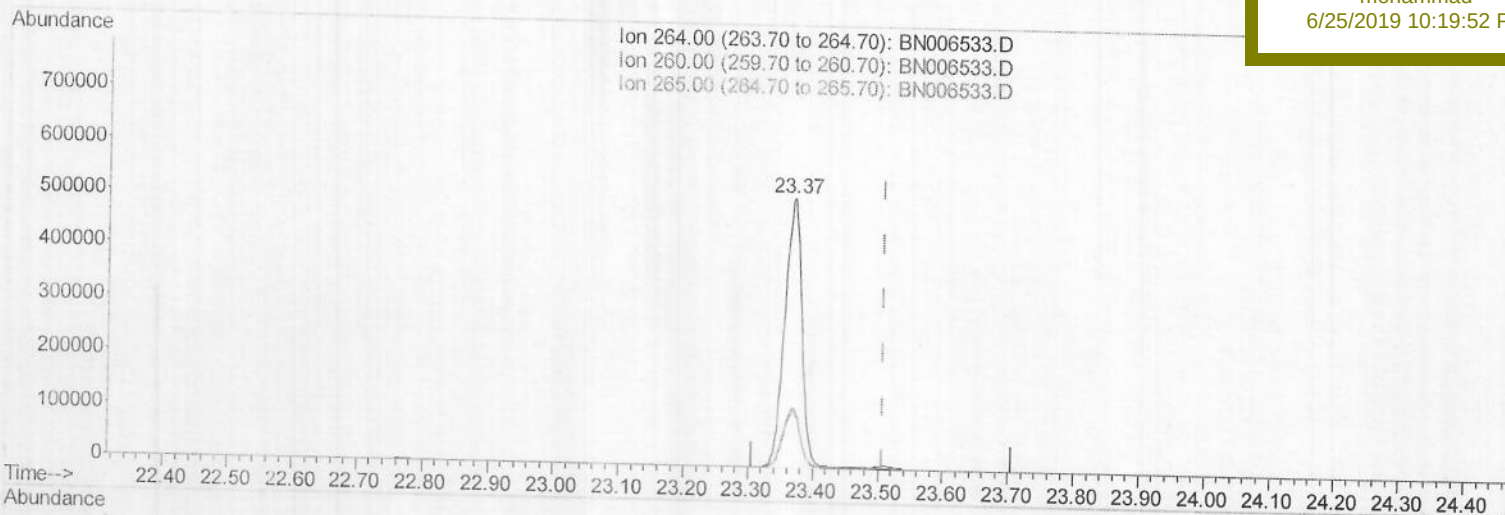
Client Sampled :

A41T7

Manual Integrations
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(20) Perylene-d12 (I)

23.369min (-0.137) 0.40ng/ul

response 939835

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	22.32#
265.00	44.70	21.46#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\

Data File : BN006533.D

Acq On : 24 Jun 2019 16:28

Operator : HP/JU

Sample : K3362-01

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 25 01:41:24 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 : Mon Jun 17 11:13:07 2019

Response via : Initial Calibration

Instrument :

BNA_N

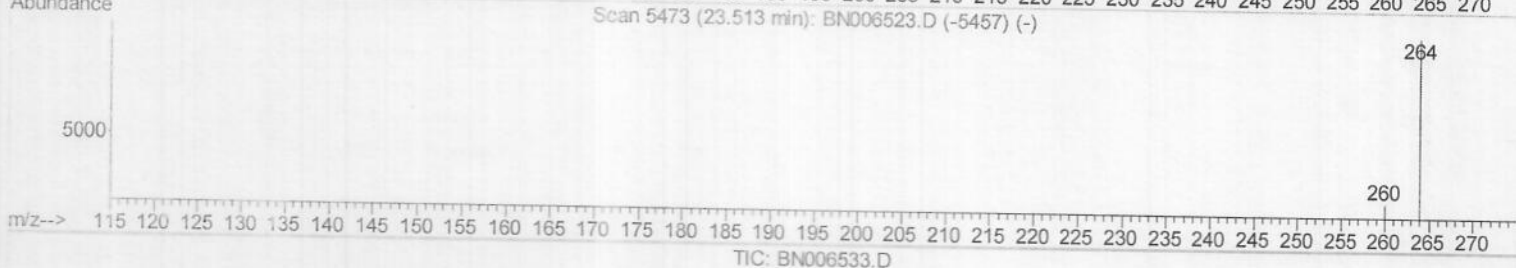
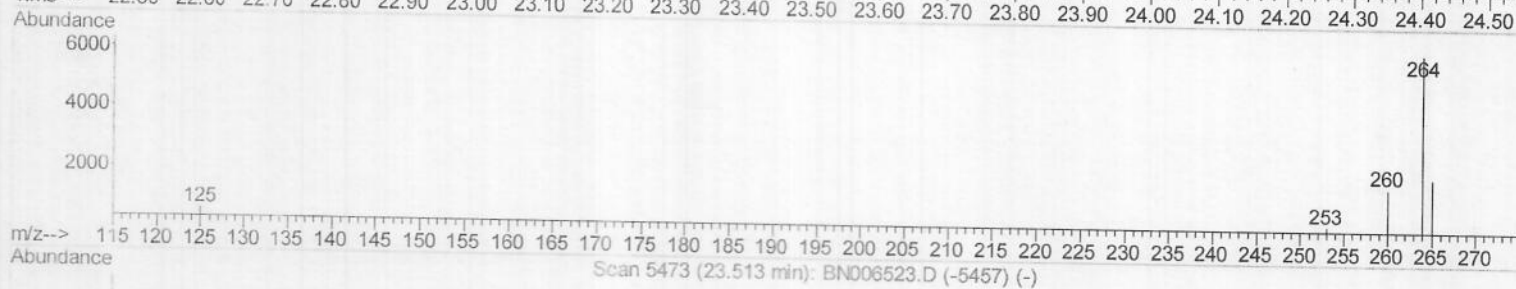
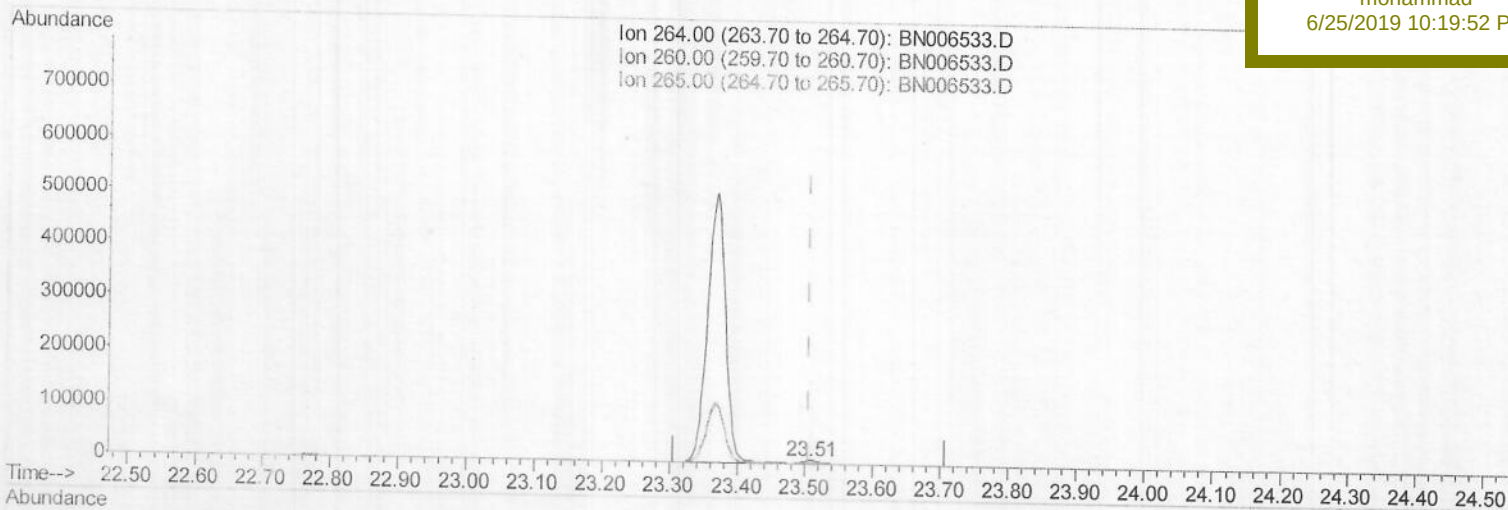
ClientSampleId :

A41T7

Manual Integrations
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(20) Perylene-d12 (I)

23.507min (-0.000) 0.40ng/ul m

7 JU 06/26/19

response 9423

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	27.90
265.00	44.70	33.51#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006533.D
 Acq On : 24 Jun 2019 16:28
 Operator : HP/JU
 Sample : K3362-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 25 01:45:56 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 : Mon Jun 17 11:13:07 2019
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Instrument :
 BNA_N
 ClientSampleId :
 A41T7

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	4772	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.41	136	18166	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	9506	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	18724m>	0.40	ng/ul	-0.01
16) Chrysene-d12	21.27	240	10468m>	0.40	ng/ul	0.00
20) Perylene-d12	23.51	264	9423m>	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	10624	0.38	ng/ul	-0.02
14) Fluoranthene-d10	19.08	212	20380m>	0.41	ng/ul	0.00
Target Compounds						
12) Phenanthrene	17.08	178	1693m>	0.028	ng/ul	Qvalue
15) Fluoranthene	19.11	202	3827m>	0.058	ng/ul	
17) Pyrene	19.48	202	2947	0.053	ng/ul#	82
18) Benzo(a)anthracene	21.25	228	1259	0.027	ng/ul#	58
19) Chrysene	21.31	228	1361	0.031	ng/ul#	64

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

JU
 06/26/19