

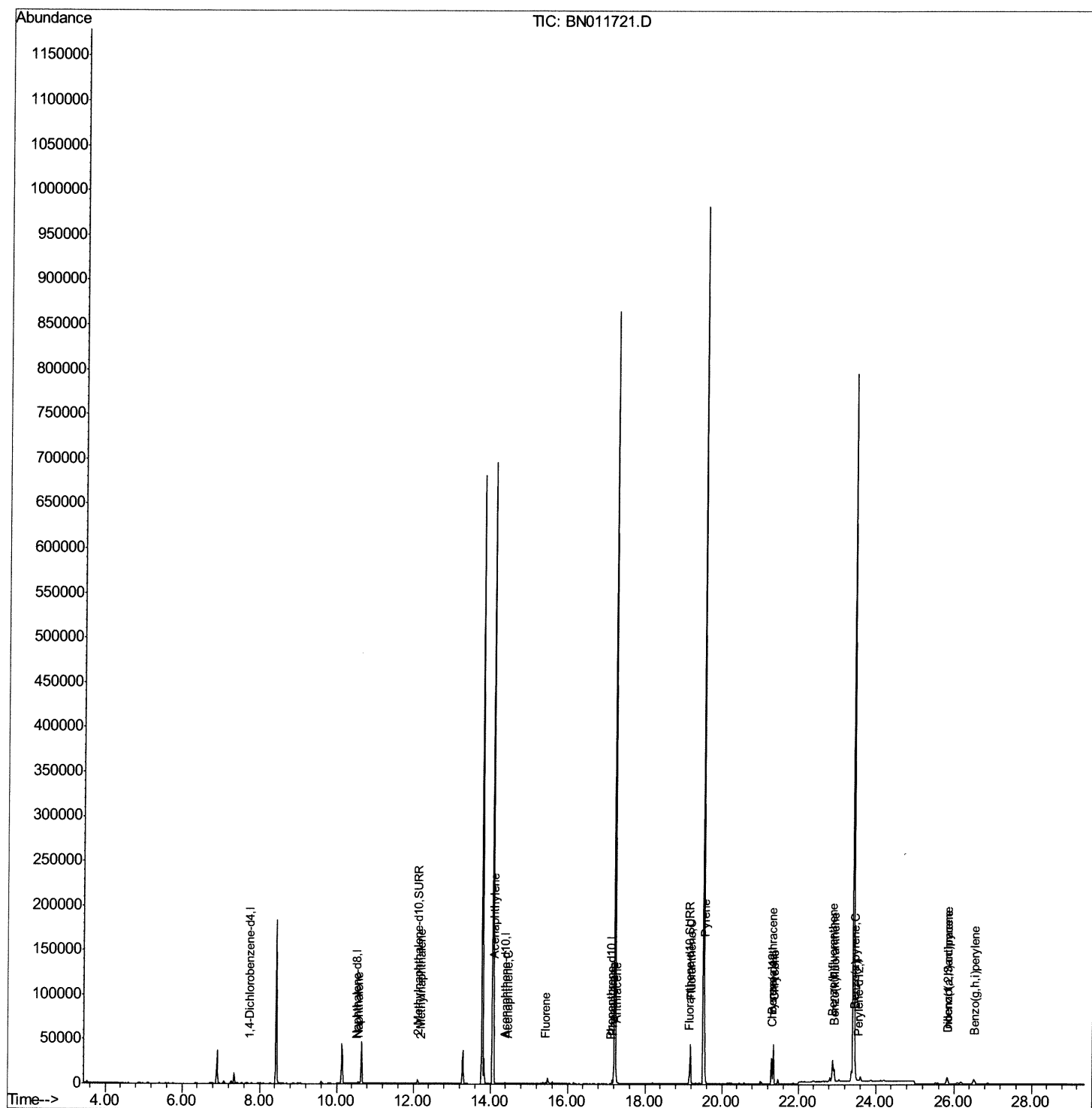
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090420\
Data File : BN011721.D
Acq On : 05 Sep 2020 03:48
Operator : CG/JU
Sample : L3843-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AC0

Manual Integrations
APPROVED

mohammad
9/8/2020 1:47:34 PM

Quant Time: Sep 05 06:28:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 05 05:40:34 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

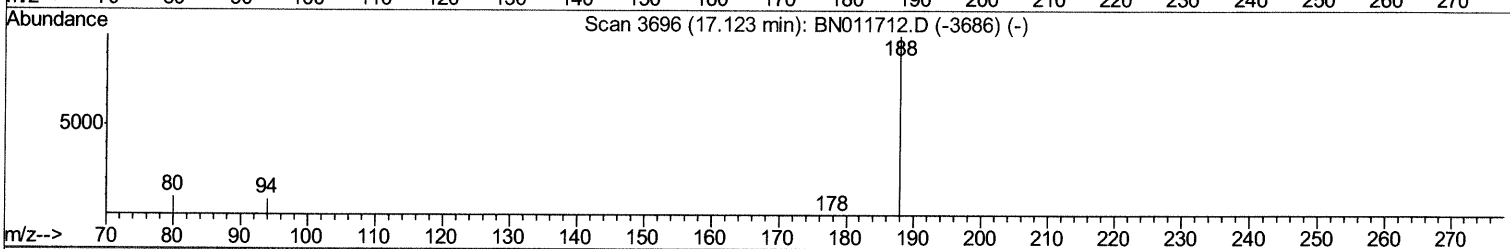
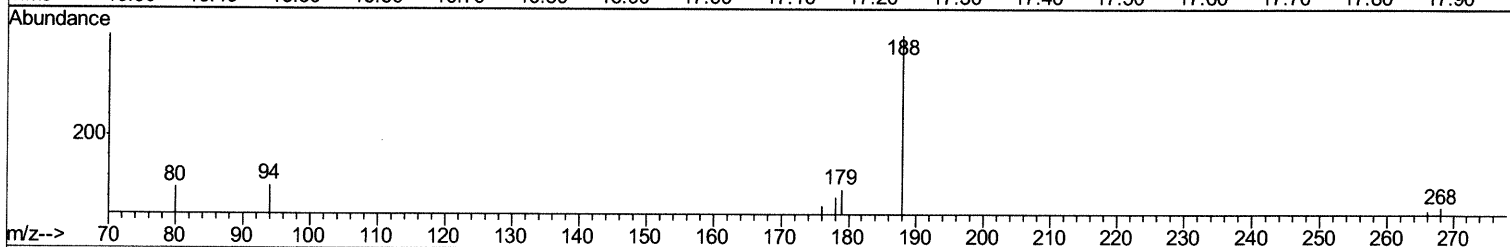
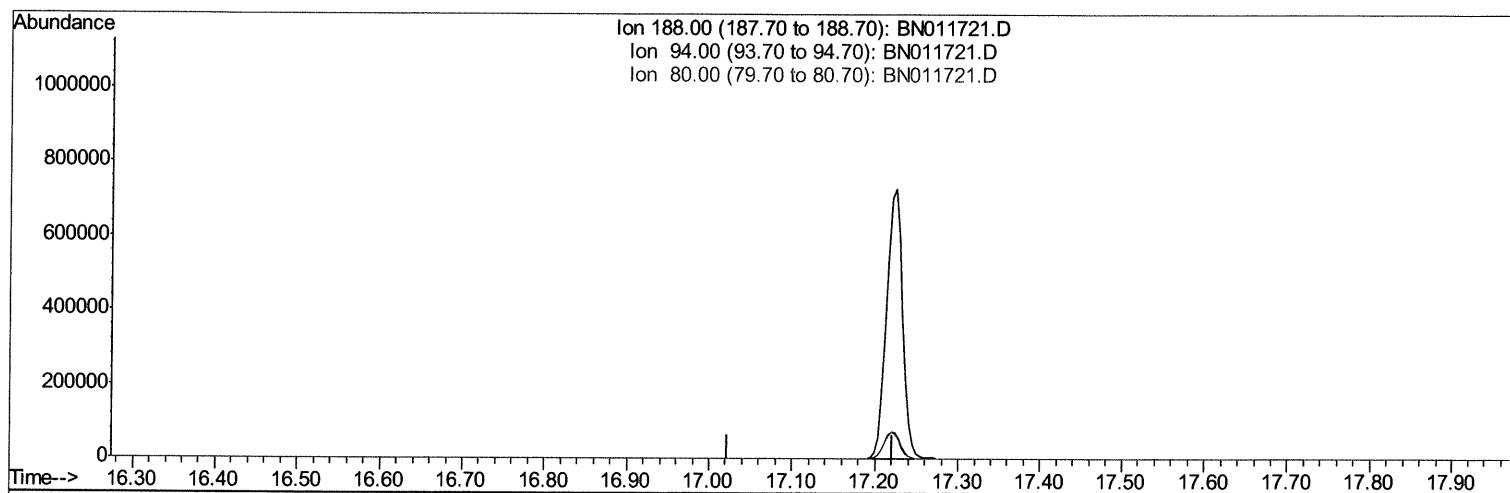
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090420\
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Manual Integrations
APPROVED

mohammad
9/8/2020 1:47:34 PM

Quant Time: Sep 05 06:01:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 05 05:40:34 2020
Response via : Initial Calibration



TIC: BN011721.D

(10) Phenanthrene-d10 (I)

17.123min (-17.123) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	8.20	0.00#
80.00	9.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

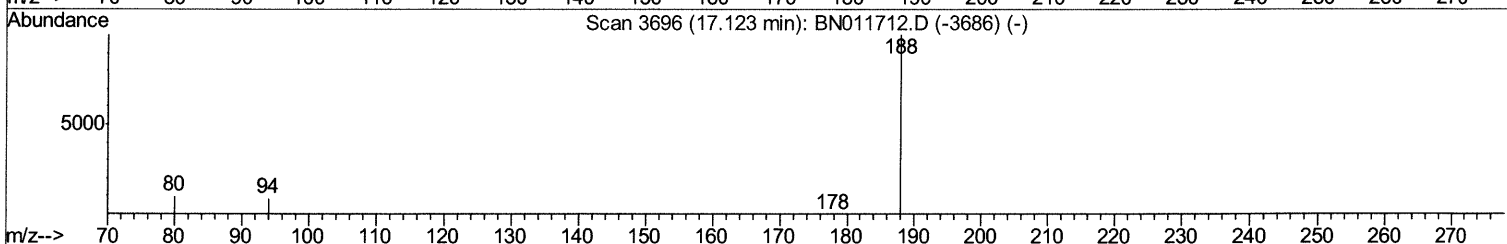
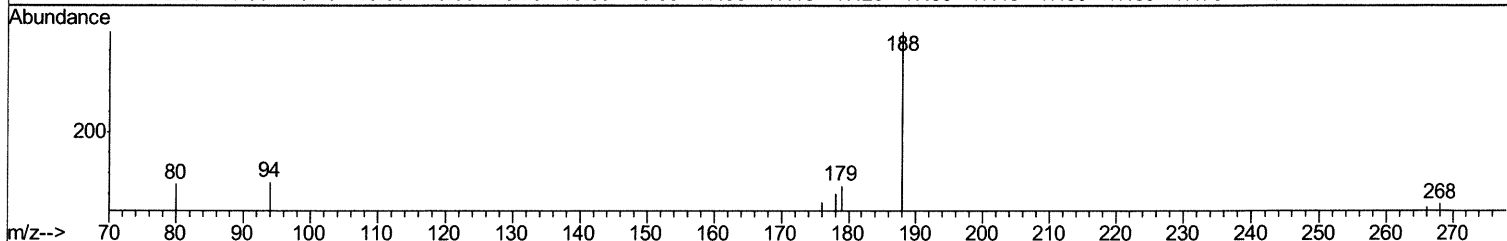
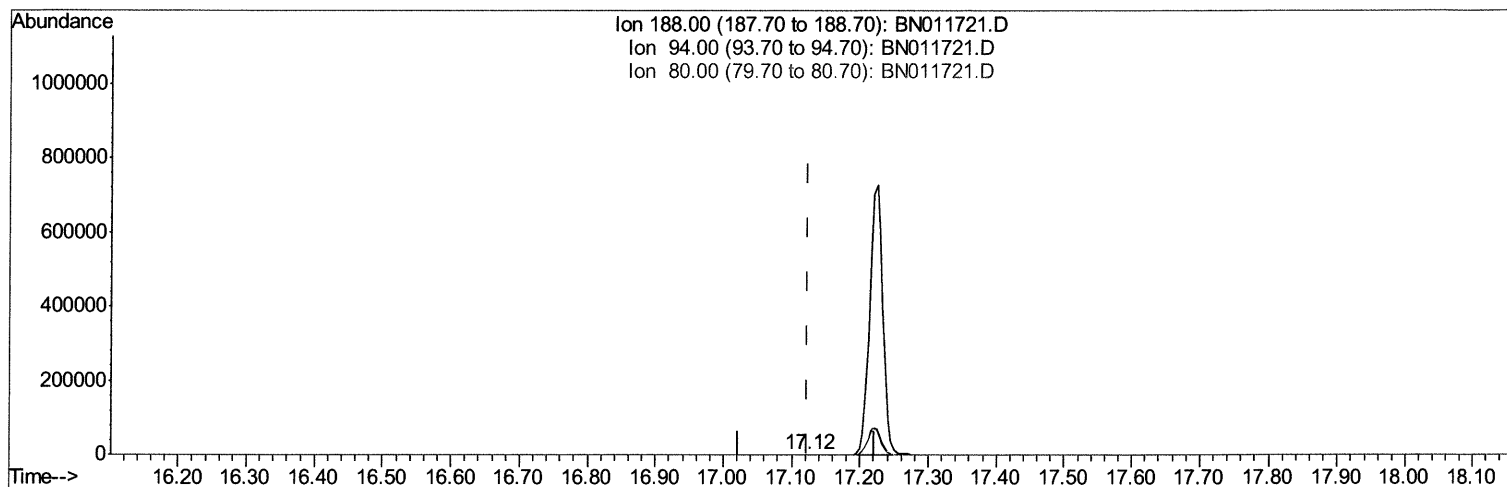
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090420\
 Data File : BN011721.D
 Acq On : 05 Sep 2020 03:48
 Operator : CG/JU
 Sample : L3843-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC0

Manual Integrations
 APPROVED

mohammad
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Quant Time: Sep 05 06:01:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
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 QLast Update : Sat Sep 05 05:40:34 2020
 Response via : Initial Calibration



TIC: BN011721.D

(10) Phenanthrene-d10 (I)

17.122min (-0.000) 0.40ng/ul m 09/09/20 JU

response 600

Ion	Exp%	Act%
188.00	100	100
94.00	8.20	25.57#
80.00	9.00	24.81#
0.00	0.00	0.00

Quantitation Report (Qedit)

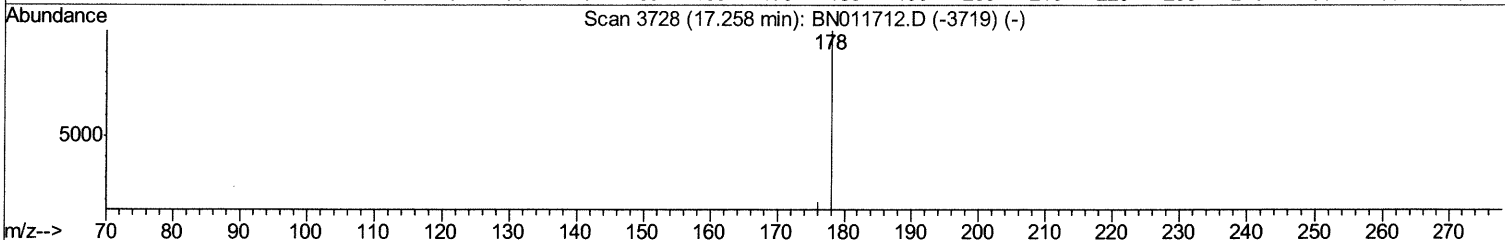
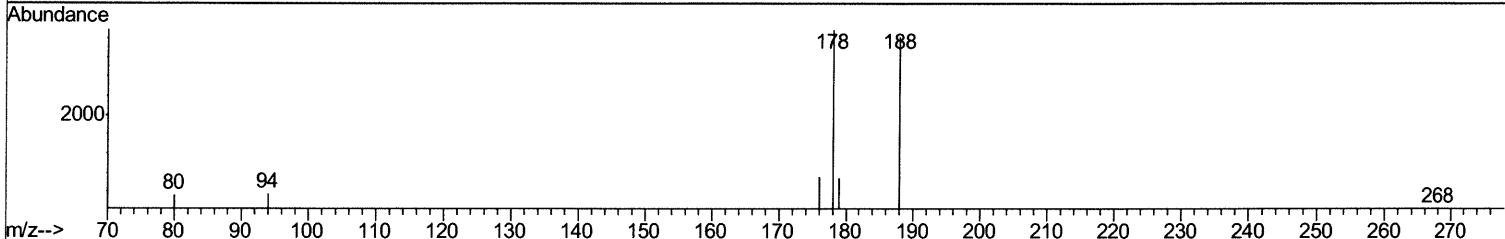
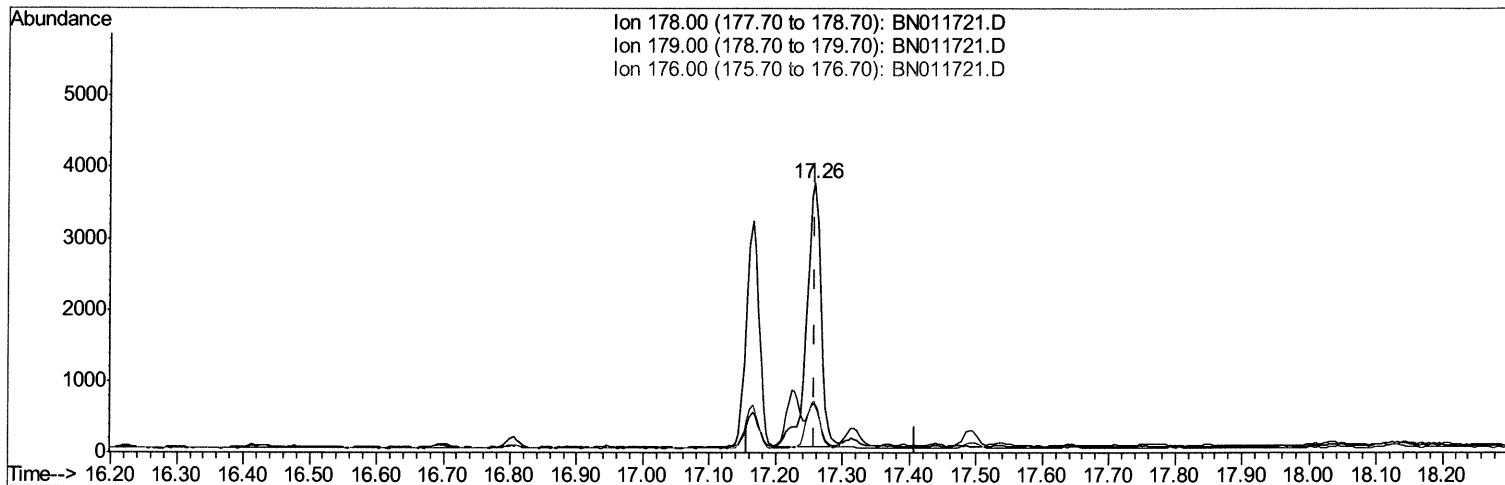
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090420\
 Data File : BN011721.D
 Acq On : 05 Sep 2020 03:48
 Operator : CG/JU
 Sample : L3843-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC0

Manual Integrations
 APPROVED

mohammad
 9/8/2020 1:47:34 PM

Quant Time: Sep 05 06:22:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 05 05:40:34 2020
 Response via : Initial Calibration



TIC: BN011721.D

(13) Anthracene

17.258min (-0.000) 3.30ng/ul

response 5518

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	18.00
176.00	19.80	19.01
0.00	0.00	0.00

Quantitation Report (Qedit)

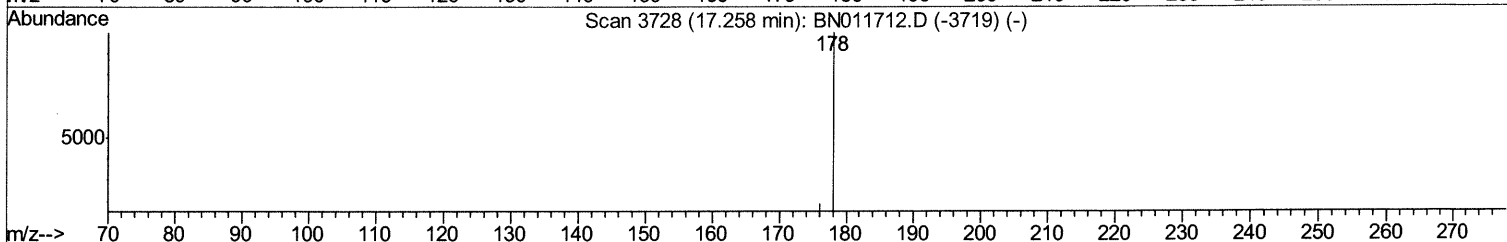
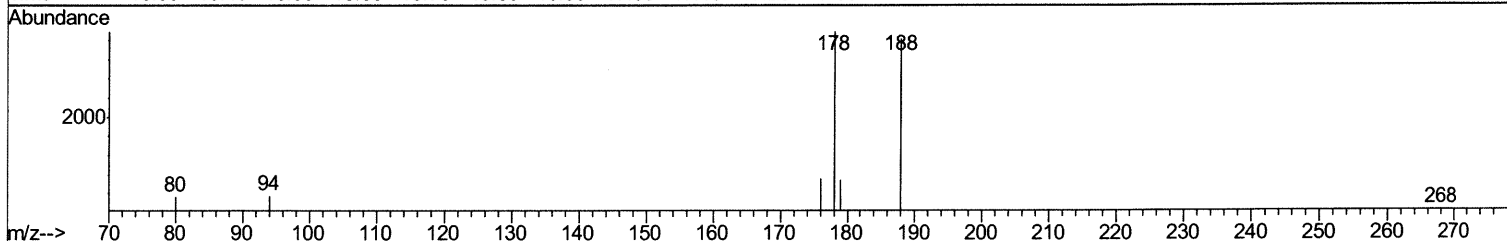
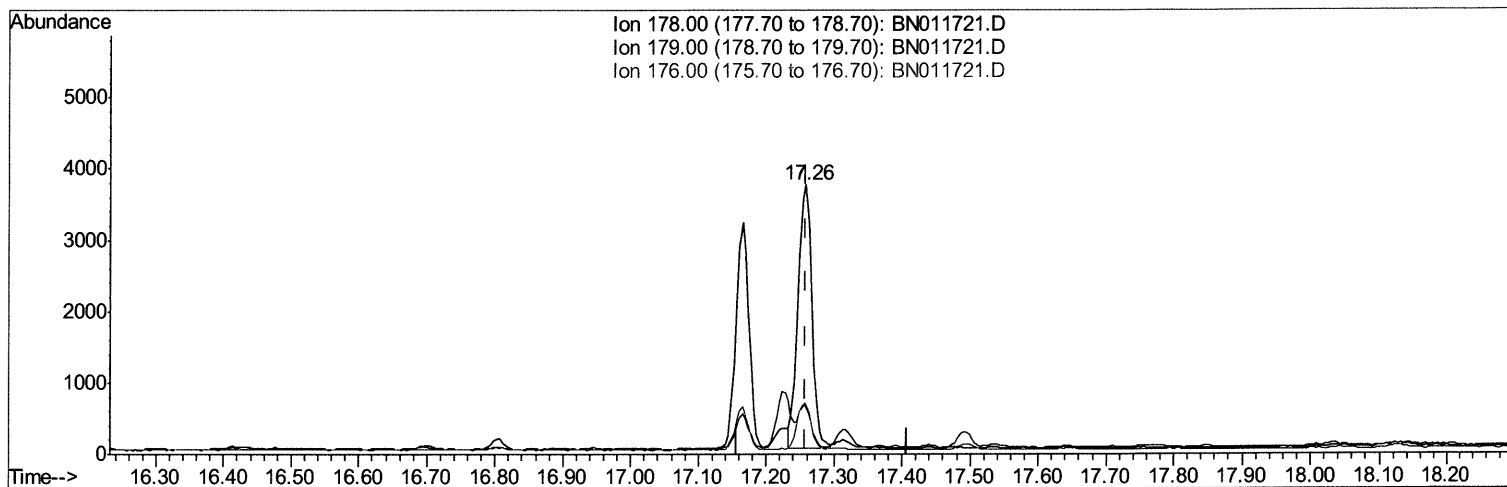
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090420\
Data File : BN011721.D
Acq On : 05 Sep 2020 03:48
Operator : CG/JU
Sample : L3843-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AC0

Manual Integrations
APPROVED

mohammad
9/8/2020 1:47:34 PM

Quant Time: Sep 05 06:22:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 05 05:40:34 2020
Response via : Initial Calibration



TIC: BN011721.D

(13) Anthracene

17.258min (-0.000) 3.11ng/ul m 09/09/2020

response 5200

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	18.00
176.00	19.80	19.01
0.00	0.00	0.00

Quantitation Report (Qedit)

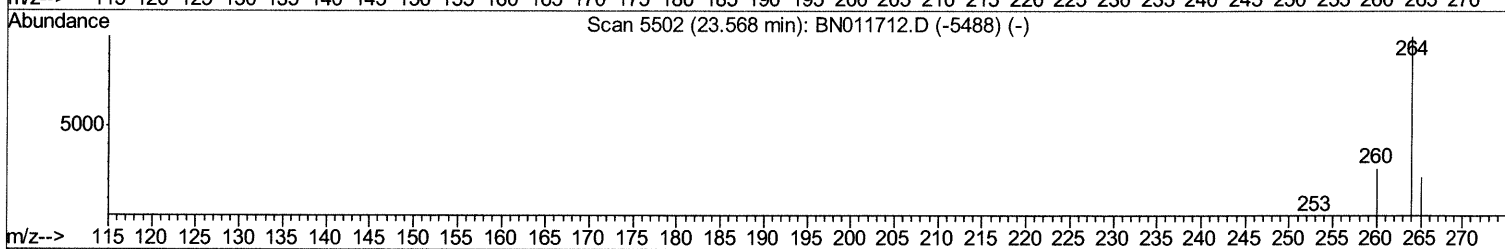
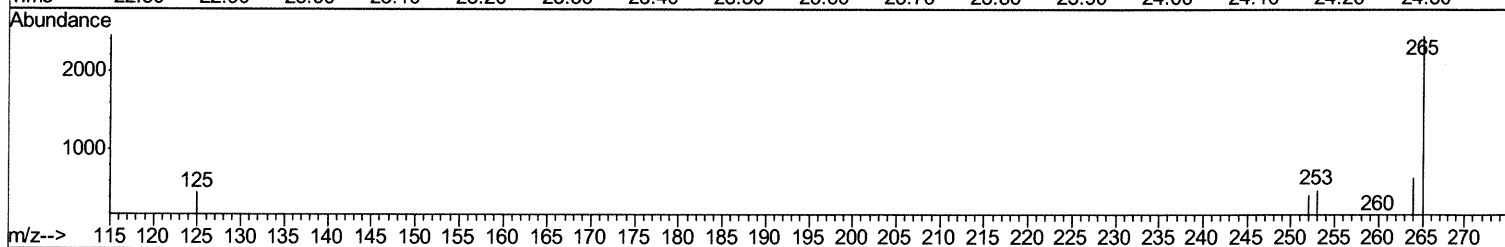
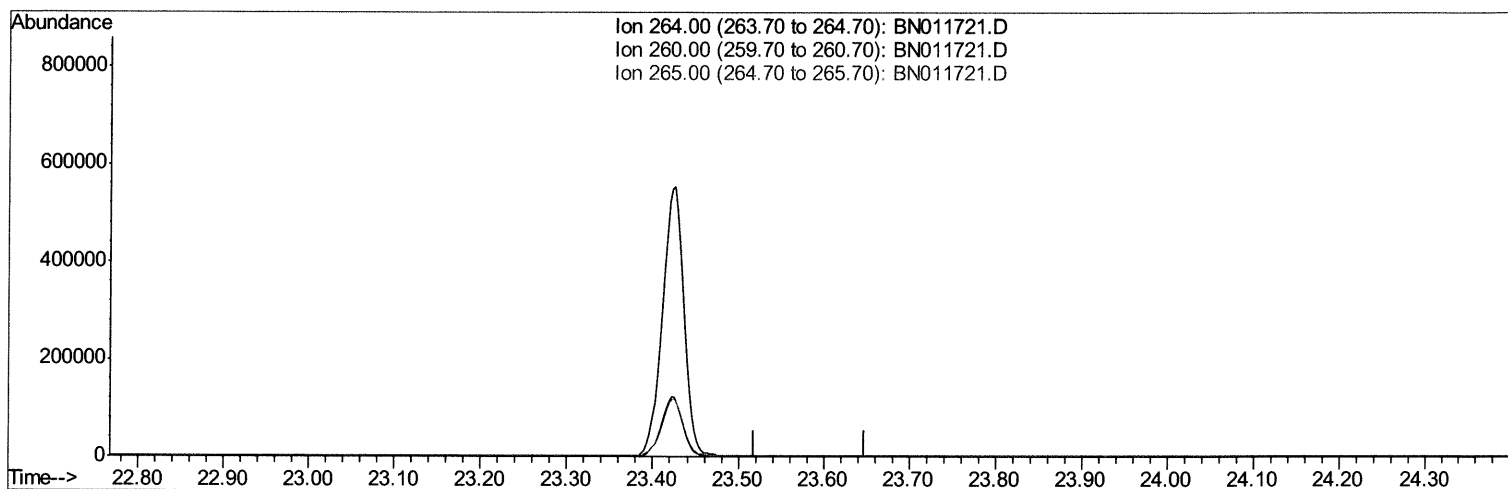
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090420\
Data File : BN011721.D
Acq On : 05 Sep 2020 03:48
Operator : CG/JU
Sample : L3843-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AC0

Manual Integrations
APPROVED

mohammad
9/8/2020 1:47:34 PM

Quant Time: Sep 05 06:22:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 05 05:40:34 2020
Response via : Initial Calibration



TIC: BN011721.D

(20) Perylene-d12 (I)

23.568min (-23.568) 0.00ng/ul

response 0

Ion	Exp%	Act%
264.00	100	0.00
260.00	26.50	0.00#
265.00	78.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

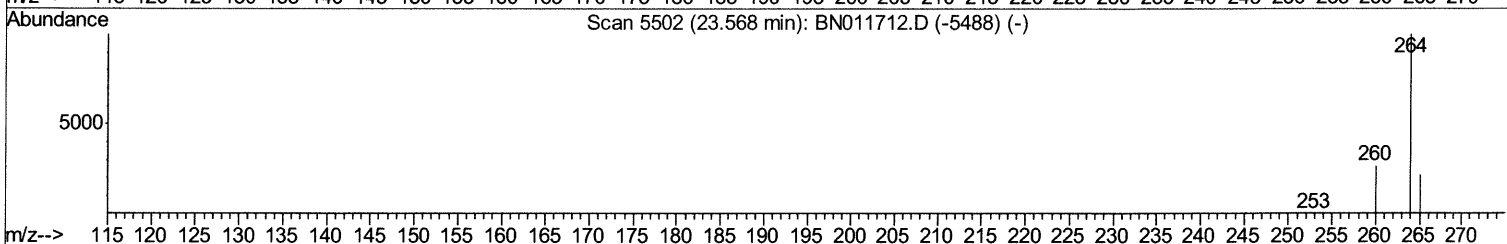
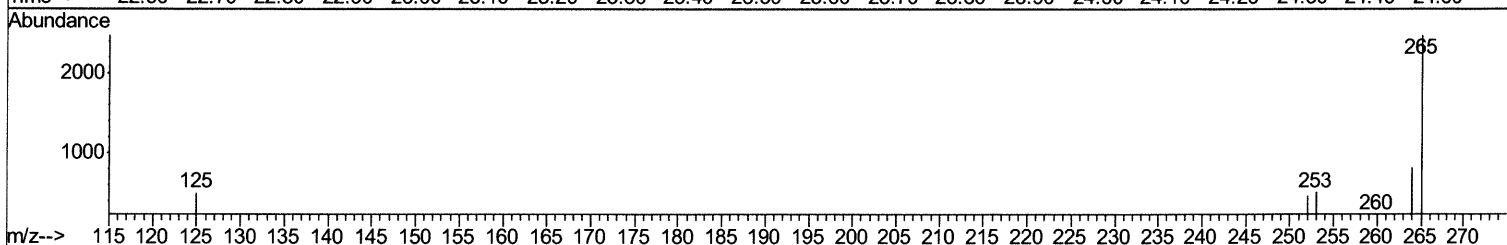
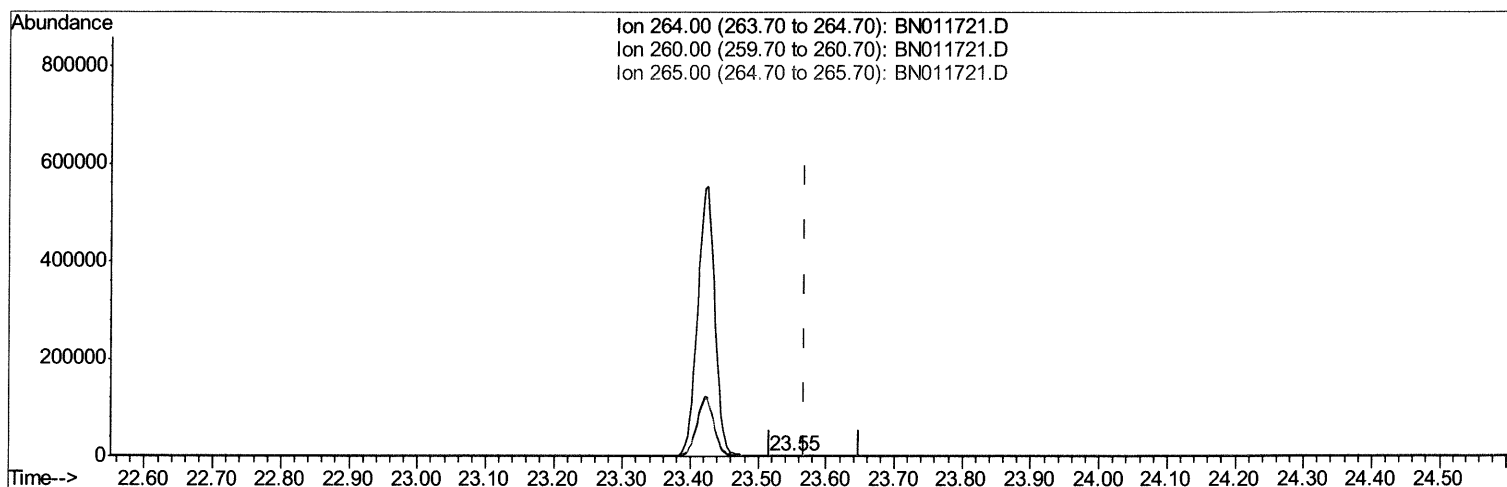
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090420\
Data File : BN011721.D
Acq On : 05 Sep 2020 03:48
Operator : CG/JU
Sample : L3843-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
C0AC0

Manual Integrations
APPROVED

mohammad
9/8/2020 1:47:34 PM

Quant Time: Sep 05 06:22:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 05 05:40:34 2020
Response via : Initial Calibration



TIC: BN011721.D

(20) Perylene-d12 (I)

23.551min (-0.018) 0.40ng/ul m 09/09/2024

response 569

Ion	Exp%	Act%
264.00	100	100
260.00	26.50	27.51
265.00	78.60	307.43#
0.00	0.00	0.00

Quantitation Report (Qedit)

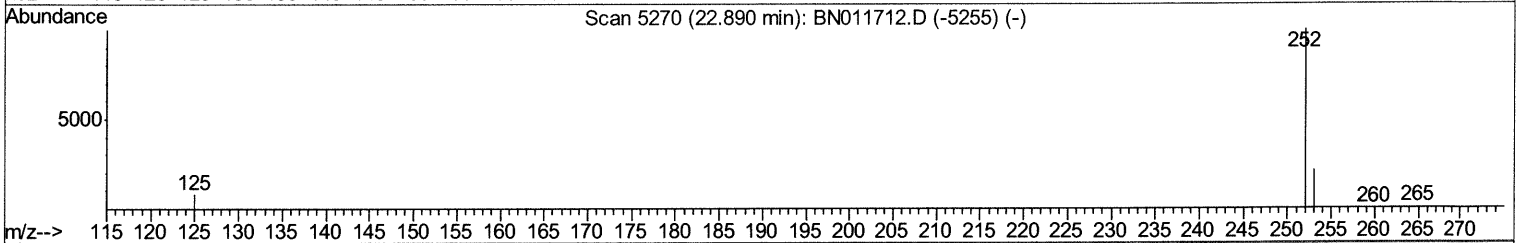
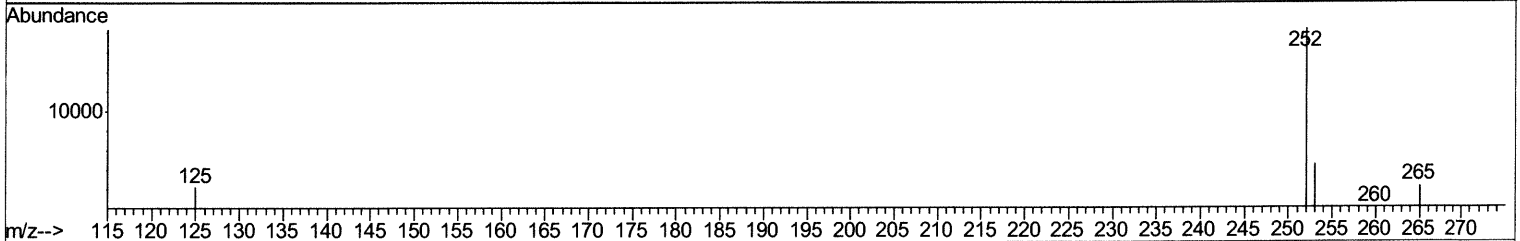
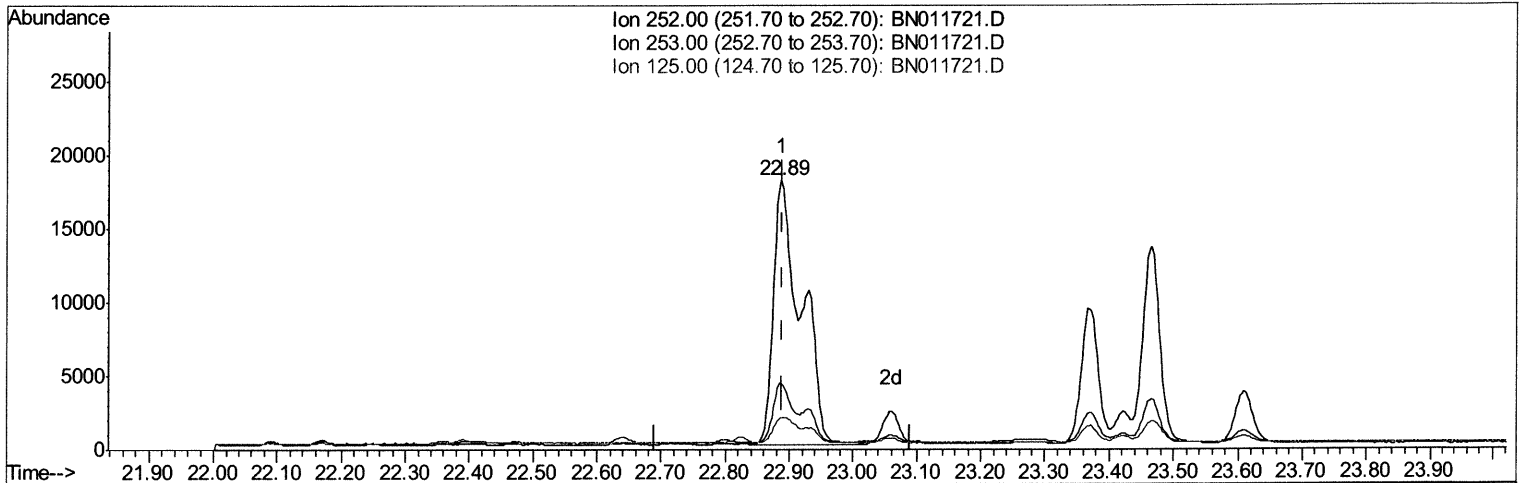
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090420\
 Data File : BN011721.D
 Acq On : 05 Sep 2020 03:48
 Operator : CG/JU
 Sample : L3843-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC0

Manual Integrations
 APPROVED

mohammad
 9/8/2020 1:47:34 PM

Quant Time: Sep 05 06:27:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 05 05:40:34 2020
 Response via : Initial Calibration



TIC: BN011721.D

(21) Benzo(b)fluoranthene
 22.887min (-0.003) 22.00ng/ul
 response 54401

Ion	Exp%	Act%
252.00	100	100
253.00	27.40	24.50
125.00	11.10	11.83
0.00	0.00	0.00

Quantitation Report (Qedit)

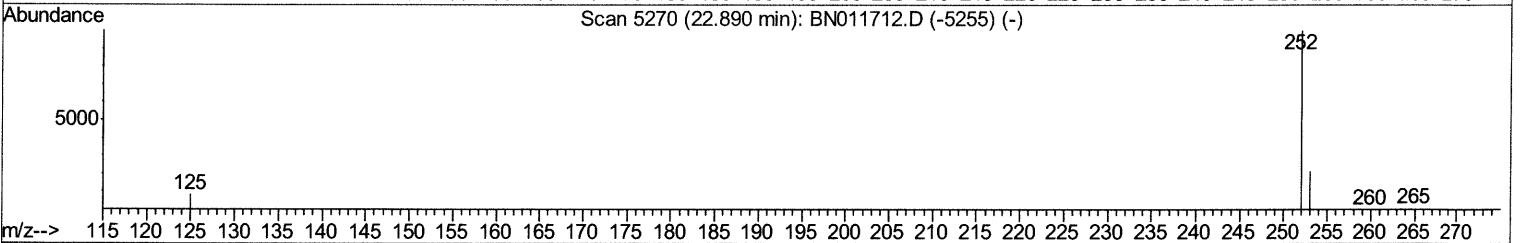
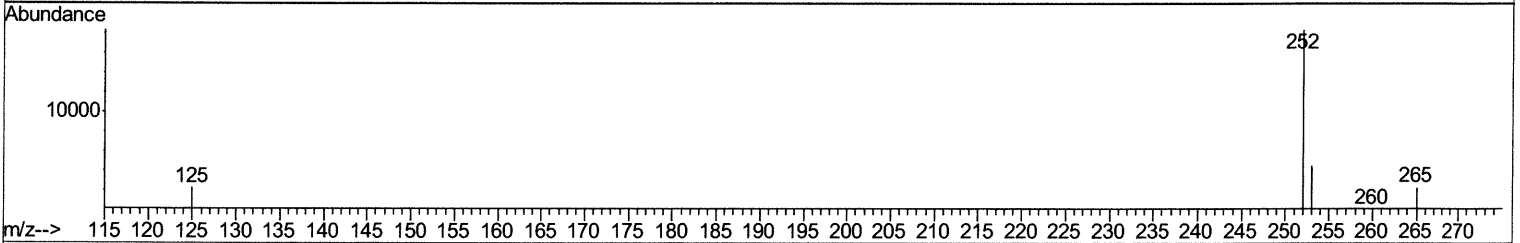
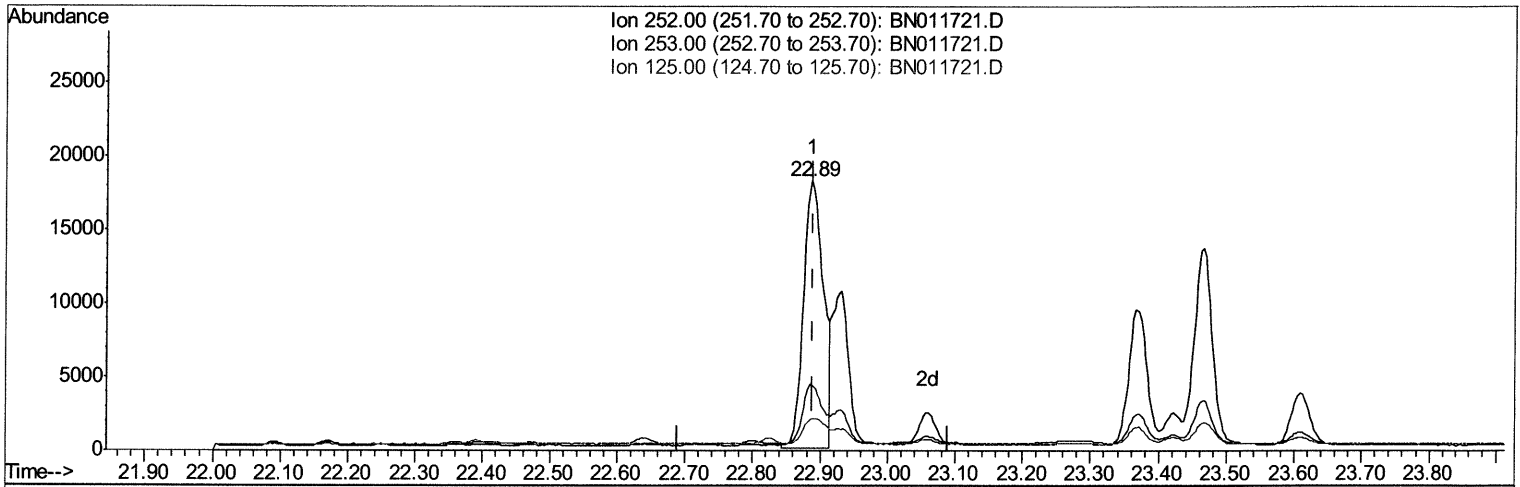
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 Data File : BN011721.D
 Acq On : 05 Sep 2020 03:48
 Operator : CG/JU
 Sample : L3843-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
ClientSampleId :
 C0AC0

Manual Integrations
APPROVED

mohammad
 9/8/2020 1:47:34 PM

Quant Time: Sep 05 06:27:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration



TIC: BN011721.D

(21) Benzo(b)fluoranthene

22.887min (-0.003) 15.07ng/ul m 09/09/20 JU

response 37270

Ion	Exp%	Act%
252.00	100	100
253.00	27.40	24.50
125.00	11.10	11.83
0.00	0.00	0.00

Quantitation Report (Qedit)

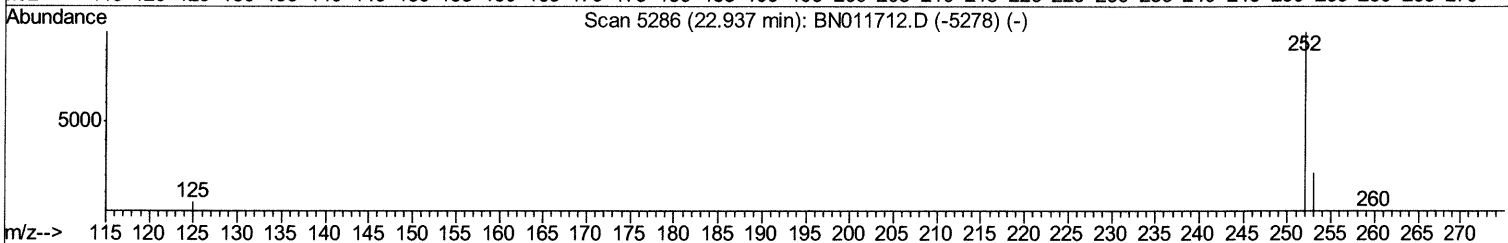
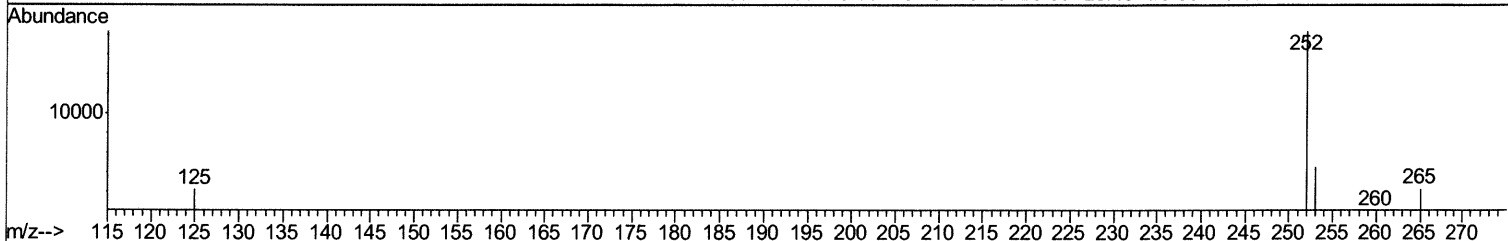
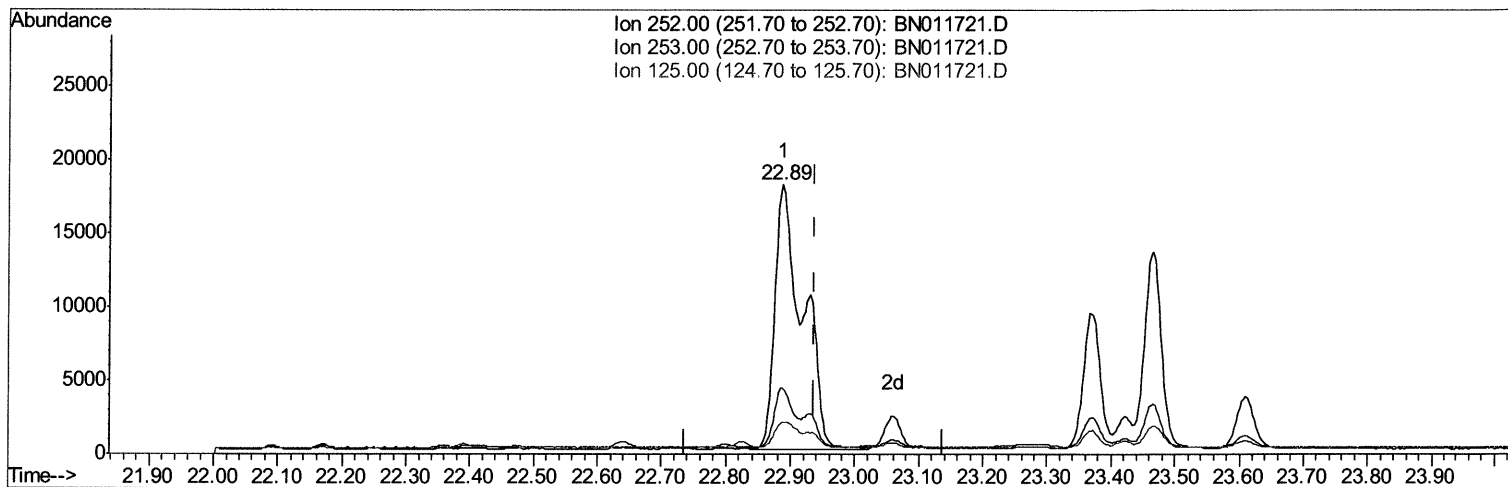
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090420\
 Data File : BN011721.D
 Acq On : 05 Sep 2020 03:48
 Operator : CG/JU
 Sample : L3843-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC0

Manual Integrations
 APPROVED

mohammad
 9/8/2020 1:47:34 PM

Quant Time: Sep 05 06:27:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 05 05:40:34 2020
 Response via : Initial Calibration



TIC: BN011721.D

(22) Benzo(k)fluoranthene
 22.887min (-0.050) 19.90ng/ul
 response 54401

Ion	Exp%	Act%
252.00	100	100
253.00	27.20	24.50
125.00	11.40	11.83
0.00	0.00	0.00

Quantitation Report (Qedit)

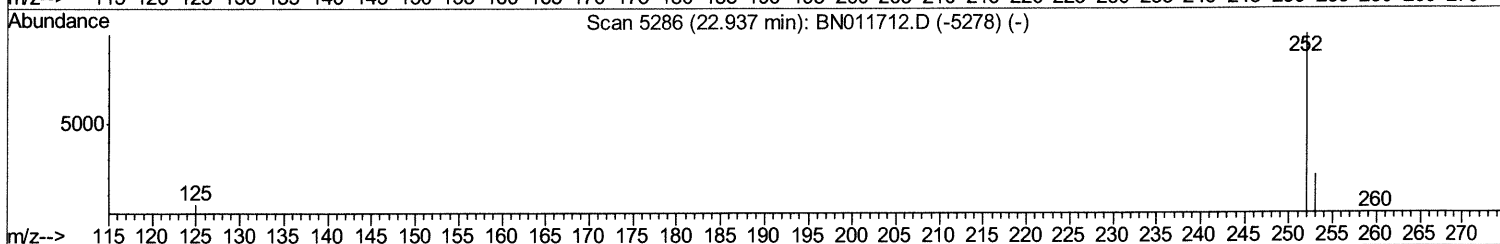
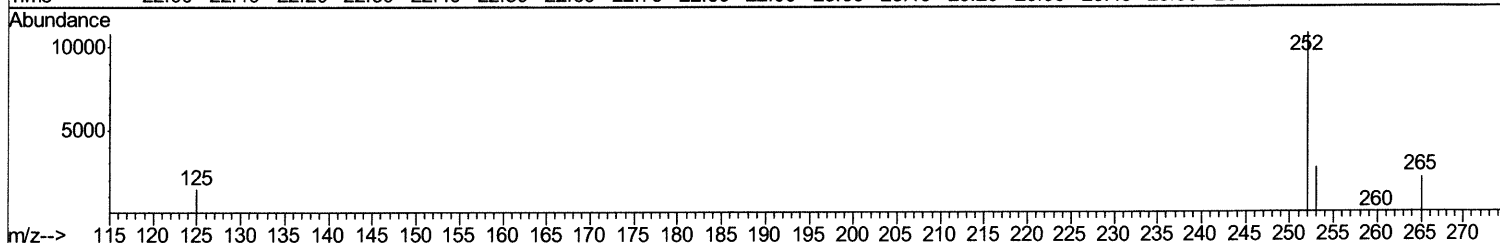
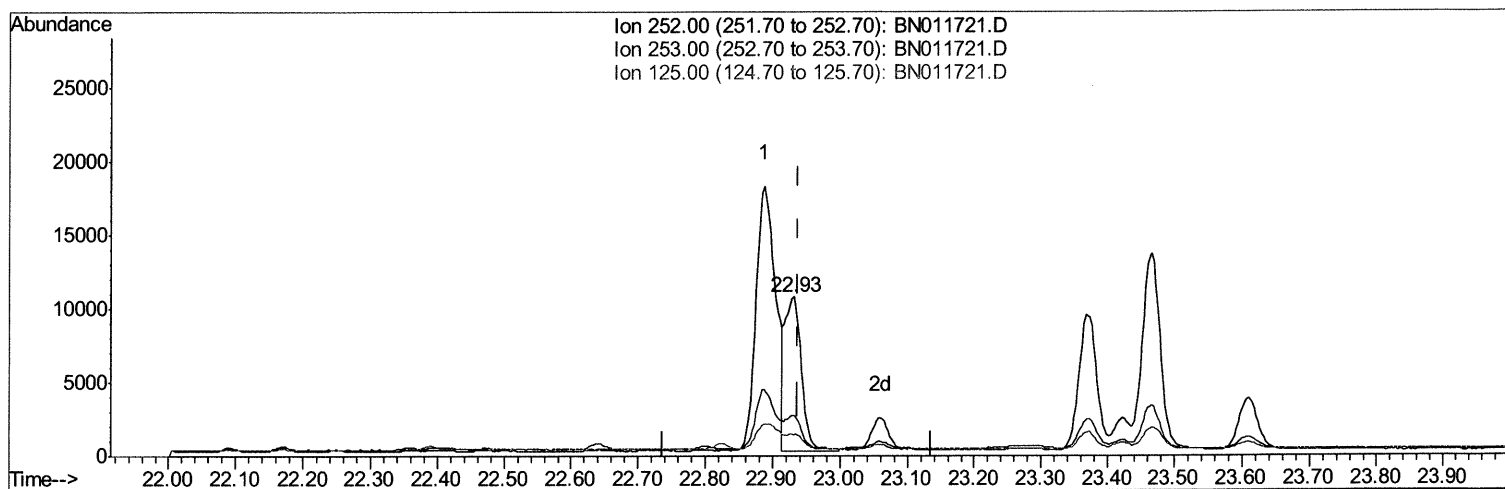
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090420\
Data File : BN011721.D
Acq On : 05 Sep 2020 03:48
Operator : CG/JU
Sample : L3843-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations
APPROVED

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 05 05:40:34 2020
Response via : Initial Calibration



TIC: BN011721.D

(22) Benzo(k)fluoranthene

22.931min (-0.006) 6.59ng/ul m 09/09/20 JU

response 18023

Ion	Exp%	Act%
252.00	100	100
253.00	27.20	25.31
125.00	11.40	13.45
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090420\
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 Acq On : 05 Sep 2020 03:48
 Operator : CG/JU
 Sample : L3843-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC0

Manual Integrations
 APPROVED

mohammad
 9/8/2020 1:47:34 PM

Quant Time: Sep 05 06:28:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 05 05:40:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

1) 1,4-Dichlorobenzene-d4	7.73	152	5	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	95	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	524	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.12	188	600m>	0.40	ng/ul>	0.00
16) Chrysene-d12	21.31	240	682	0.40	ng/ul	0.00
20) Perylene-d12	23.55	264	569m>	0.40	ng/ul>	-0.02

09/09/20 JU
 09/09/20 JU

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.12	152	5361	39.88	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	10933	6.48	ng/ul	0.00

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.57	128	1812	6.543	ng/ul#	94
5) 2-Methylnaphthalene	12.19	142	291	1.662	ng/ul	95
7) Acenaphthylene	14.10	152	1767	0.670	ng/ul	93
8) Acenaphthene	14.44	153	440	0.214	ng/ul	96
9) Fluorene	15.43	166	686	0.283	ng/ul#	93
12) Phenanthrene	17.16	178	4284	2.110	ng/ul	100
13) Anthracene	17.26	178	5200m>	3.114	ng/ul>	
15) Fluoranthene	19.18	202	37531	16.074	ng/ul	97
17) Pyrene	19.55	202	56844	21.324	ng/ul	98
18) Benzo(a)anthracene	21.30	228	24834	10.853	ng/ul	98
19) Chrysene	21.35	228	39815	12.902	ng/ul	99
21) Benzo(b)fluoranthene	22.89	252	37270m}	15.070	ng/ul}	
22) Benzo(k)fluoranthene	22.93	252	18023m}	6.591	ng/ul}	
23) Benzo(a)pyrene	23.47	252	24772	11.921	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	25.83	276	12561	4.470	ng/ul	99
25) Dibenzo(a,h)anthracene	25.83	278	3756	1.640	ng/ul#	84
26) Benzo(a,h,i)perylene	26.51	276	12024	4.572	ng/ul	97

09/09/20 JU
 09/09/20 JU

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