

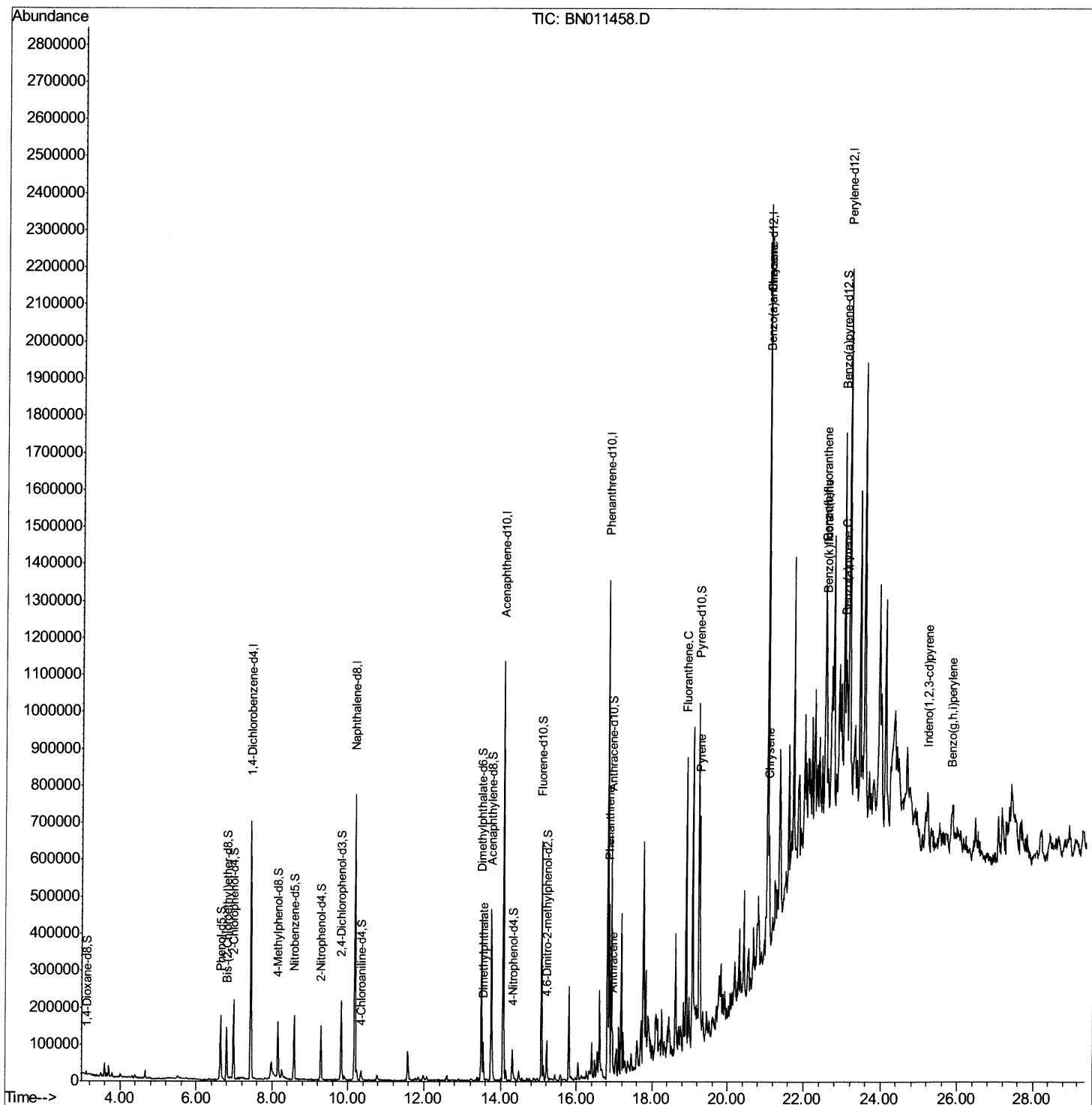
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN081720\
Data File : BN011458.D
Acq On : 17 Aug 2020 19:53
Operator : CG/JU
Sample : L3611-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBFM0

Manual Integrations
APPROVED

mohammad
8/19/2020 2:19:03 PM

Quant Time: Aug 18 06:09:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 18 04:25:59 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

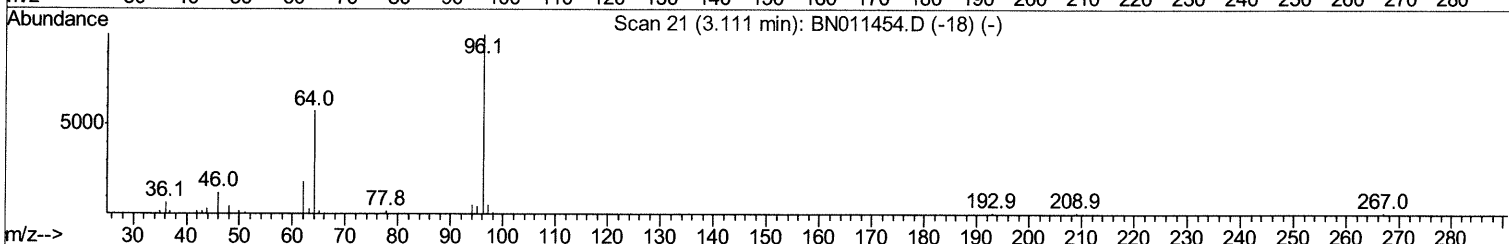
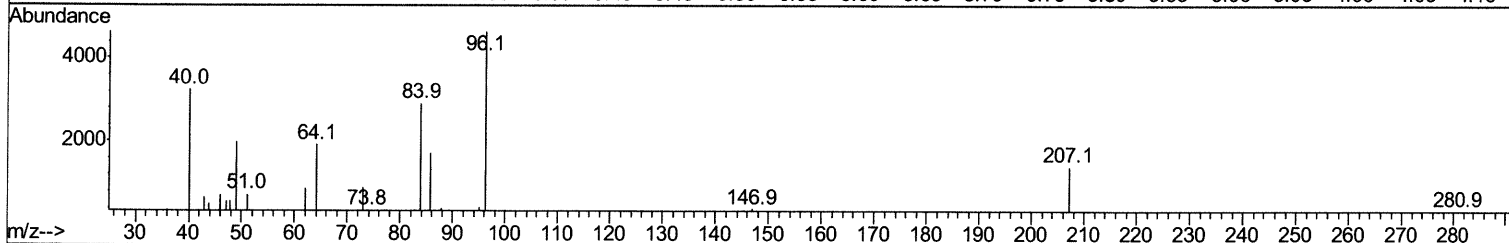
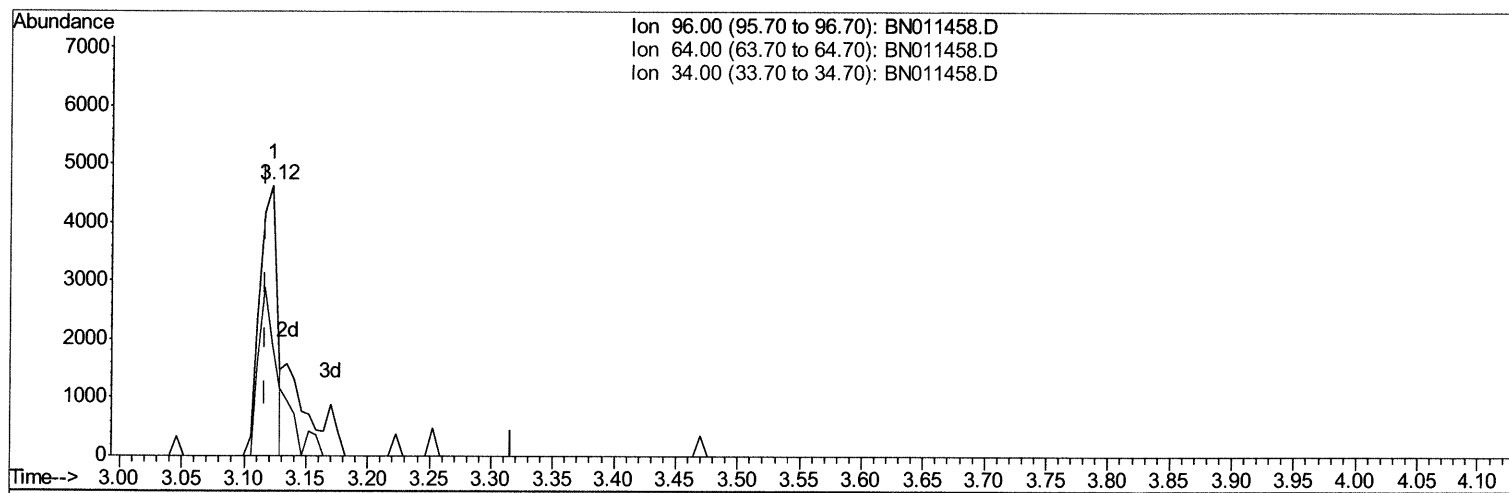
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN081720\
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Manual Integrations
APPROVED

mohammad
8/19/2020 2:19:03 PM

Quant Time: Aug 18 05:28:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 18 04:25:59 2020
Response via : Initial Calibration



TIC: BN011458.D

(3) 1,4-Dioxane-d8 (S)

3.123min (+0.006) 1.13ng/uL

response 4578

Ion	Exp%	Act%
96.00	100	100
64.00	54.40	41.42#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

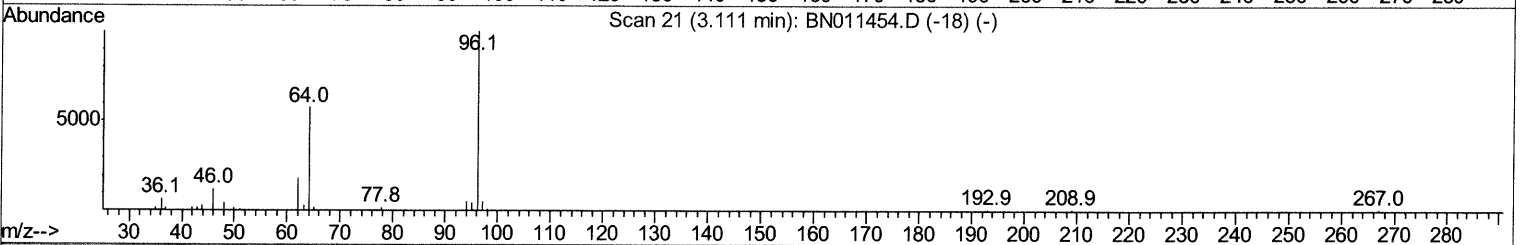
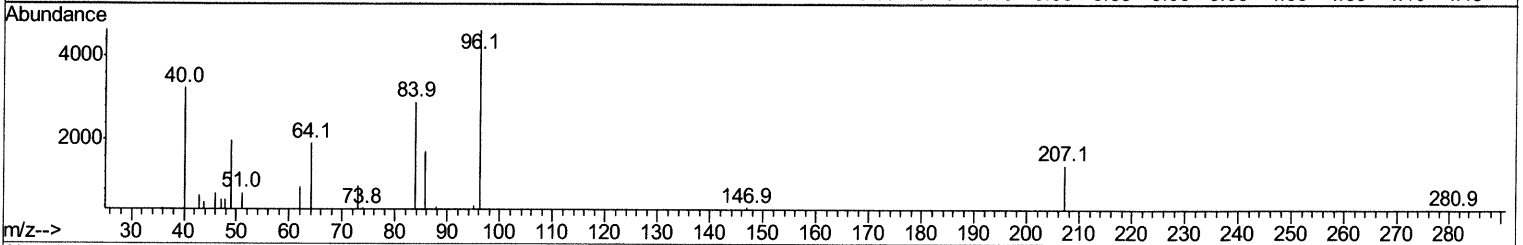
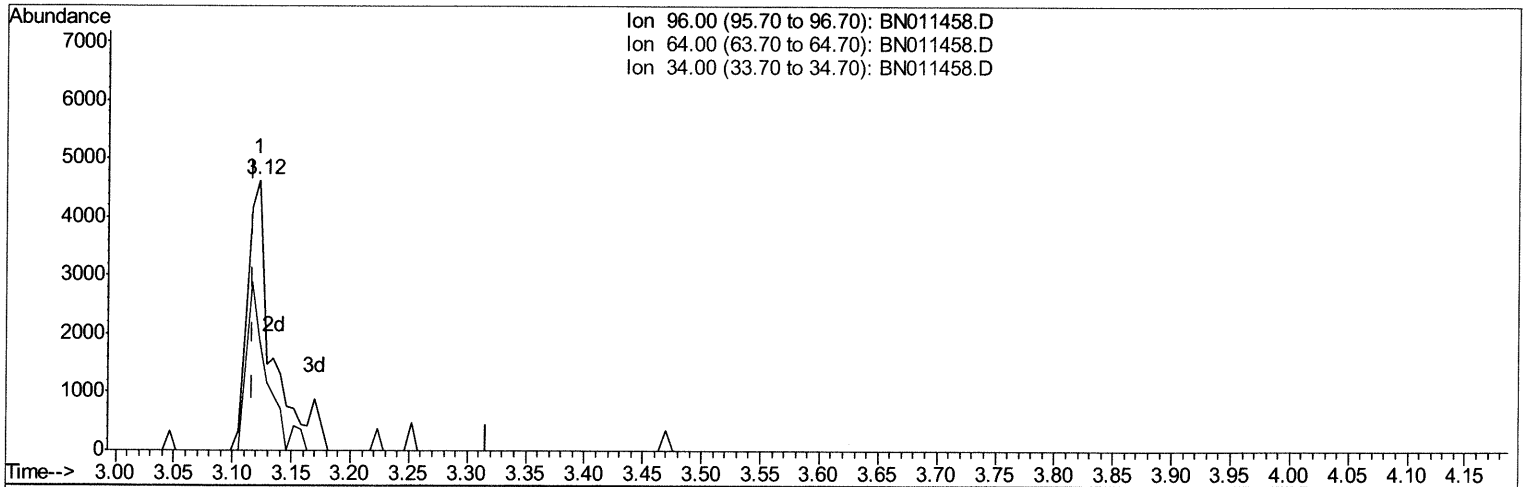
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN081720\
 Data File : BN011458.D
 Acq On : 17 Aug 2020 19:53
 Operator : CG/JU
 Sample : L3611-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
APPROVED

mohammad
 8/19/2020 2:19:03 PM

Quant Time: Aug 18 05:28:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 18 04:25:59 2020
 Response via : Initial Calibration



TIC: BN011458.D

(3) 1,4-Dioxane-d8 (S)

3.123min (+0.006) 1.70ng/uL m 08/21/20 JU

response 6874

Ion	Exp%	Act%
96.00	100	100
64.00	54.40	41.42#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

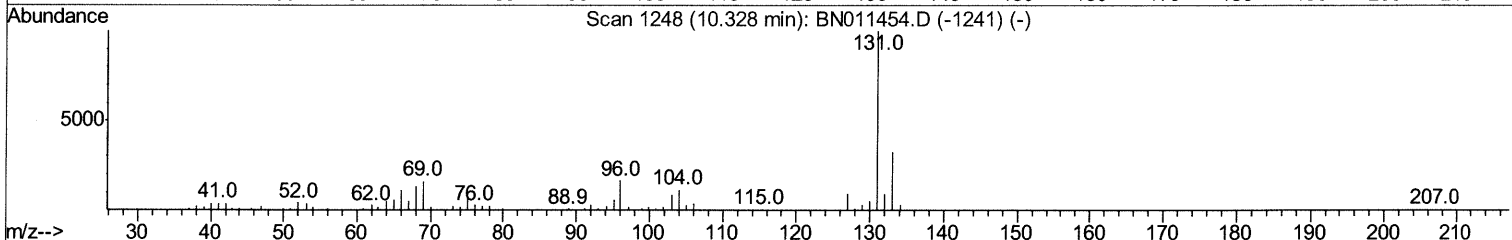
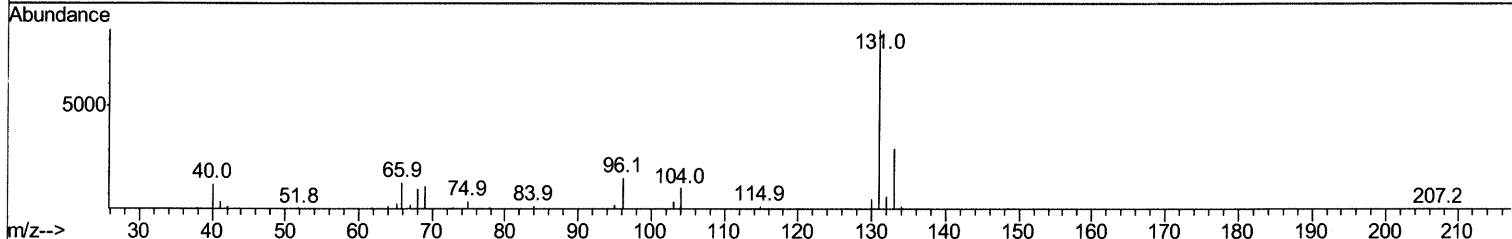
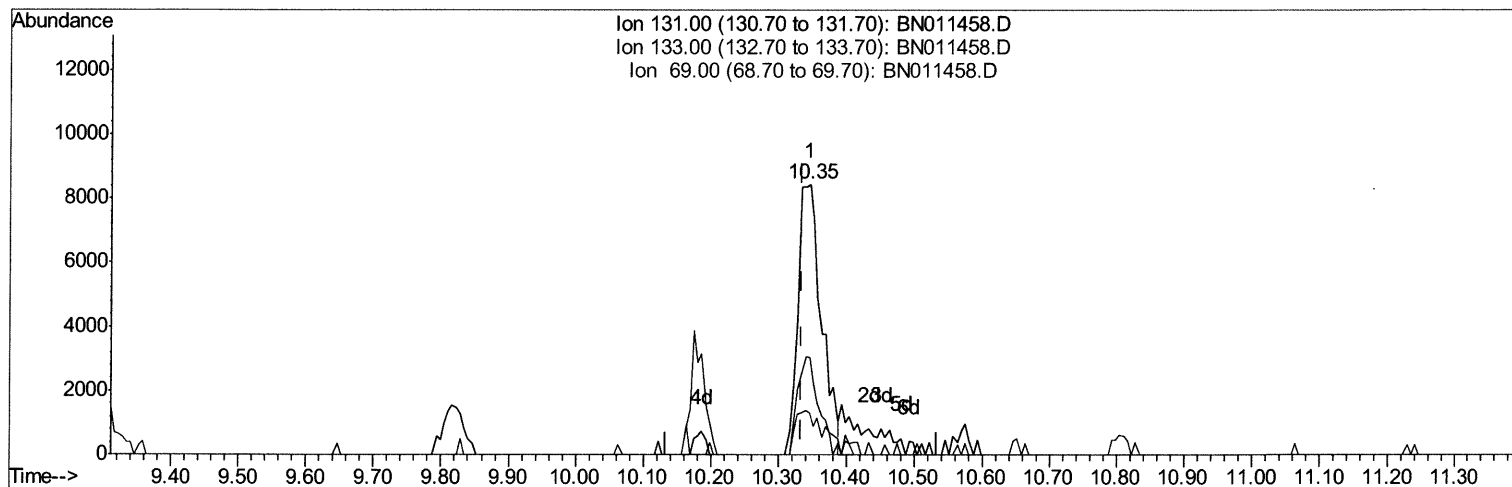
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN081720\
 Data File : BN011458.D
 Acq On : 17 Aug 2020 19:53
 Operator : CG/JU
 Sample : L3611-15
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Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

mohammad
 8/19/2020 2:19:03 PM

Quant Time: Aug 18 05:28:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 18 04:25:59 2020
 Response via : Initial Calibration



TIC: BN011458.D

(29) 4-Chloroaniline-d4 (S)

10.346min (+0.012) 1.62ng/ul

response 20079

Ion	Exp%	Act%
131.00	100	100
133.00	32.10	35.92
69.00	17.90	15.60
0.00	0.00	0.00

Quantitation Report (Qedit)

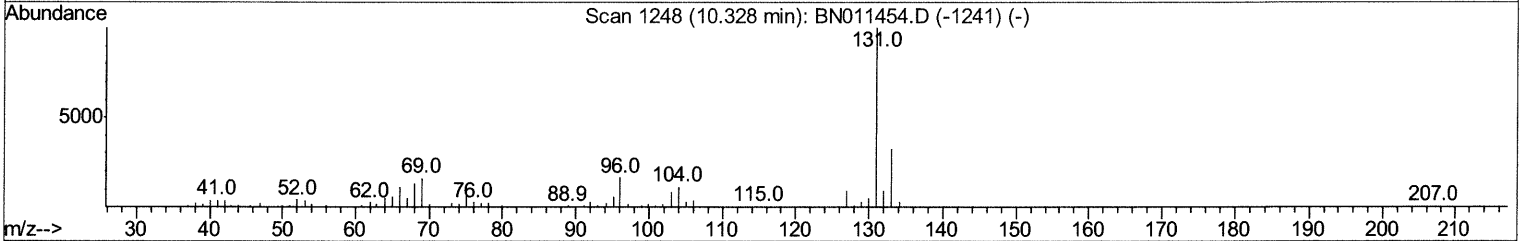
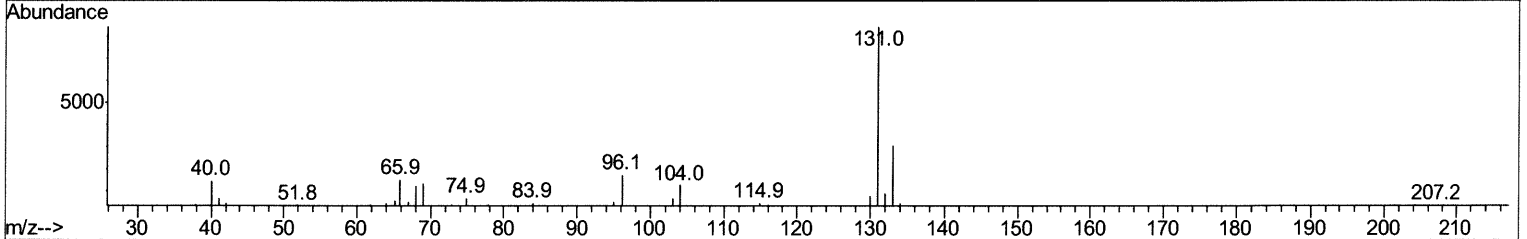
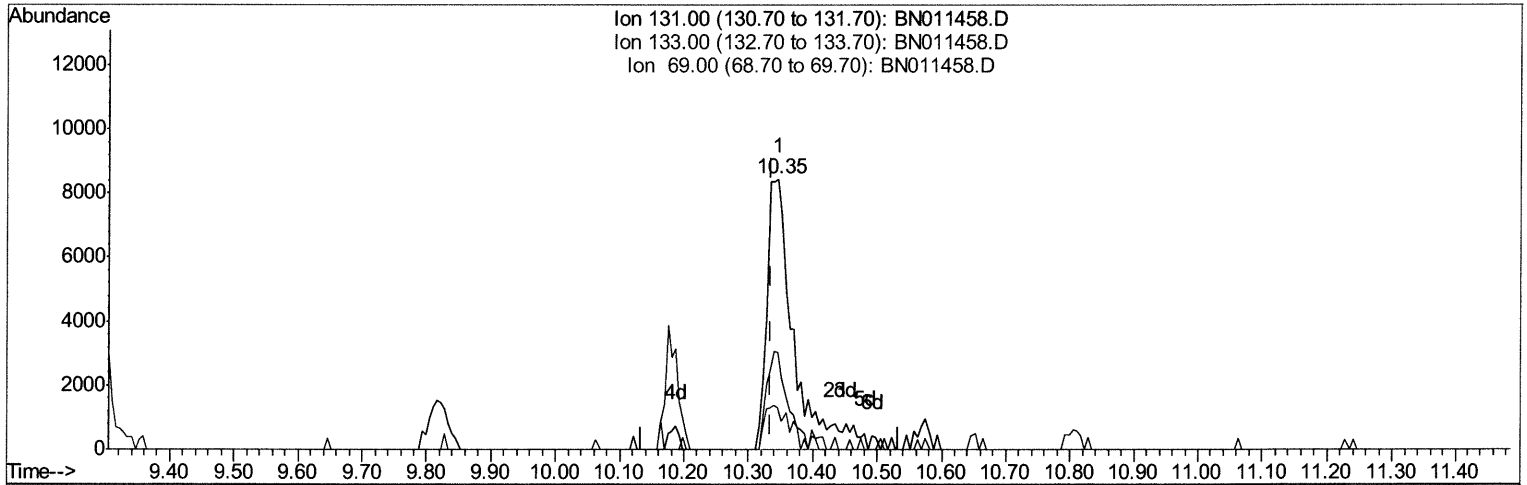
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN081720\
 Data File : BN011458.D
 Acq On : 17 Aug 2020 19:53
 Operator : CG/JU
 Sample : L3611-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
ClientSampleId :
 DBFM0

Manual Integrations
APPROVED

mohammad
 8/19/2020 2:19:03 PM

Quant Time: Aug 18 05:28:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 18 04:25:59 2020
 Response via : Initial Calibration



TIC: BN011458.D

(29) 4-Chloroaniline-d4 (S)

10.346min (+0.012) 1.96ng/ul m *08/21/20 JU*

response 24358

Ion	Exp%	Act%
131.00	100	100
133.00	32.10	35.92
69.00	17.90	15.60
0.00	0.00	0.00

Quantitation Report (Qedit)

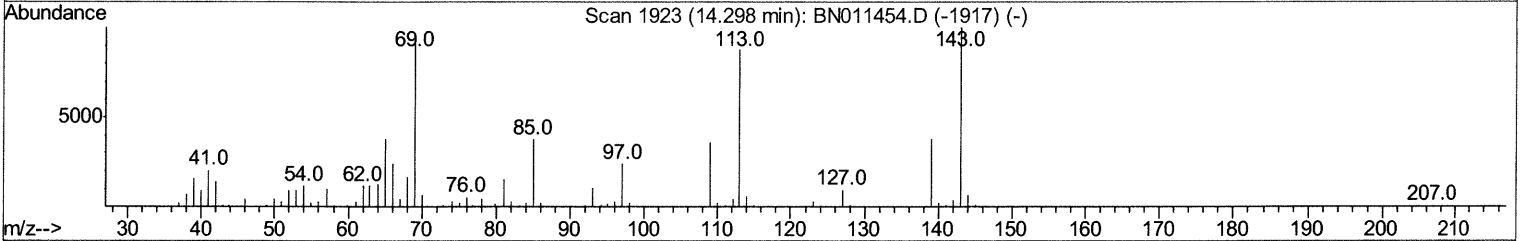
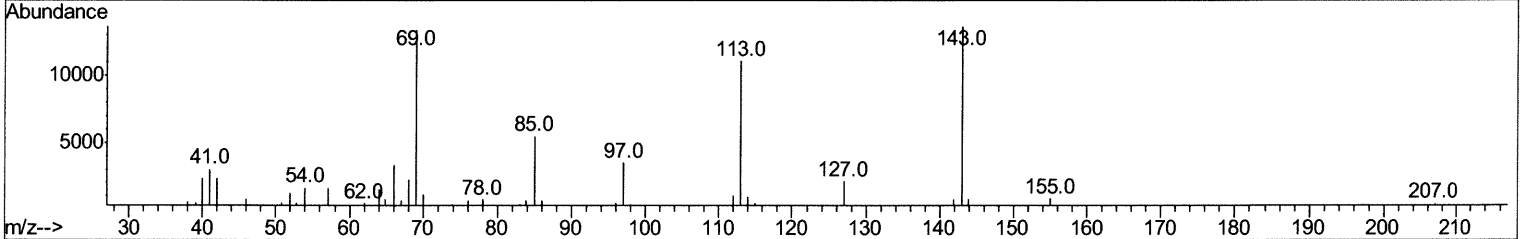
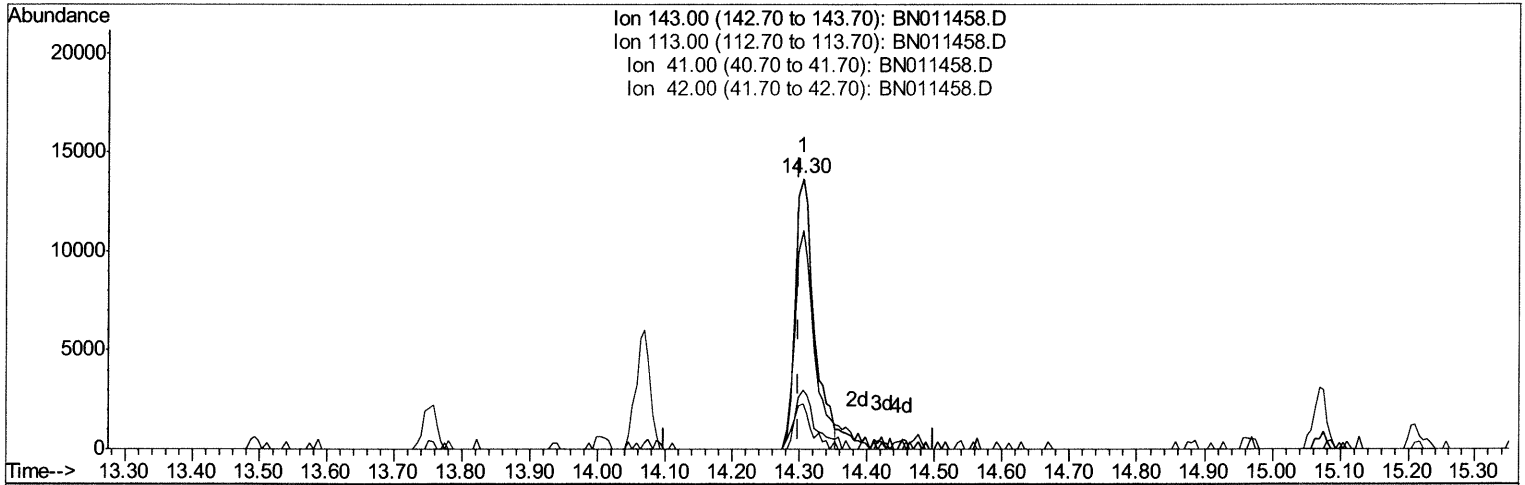
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN081720\
 Data File : BN011458.D
 Acq On : 17 Aug 2020 19:53
 Operator : CG/JU
 Sample : L3611-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBFM0

Manual Integrations
 APPROVED

mohammad
 8/19/2020 2:19:03 PM

Quant Time: Aug 18 05:28:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
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 Response via : Initial Calibration



TIC: BN011458.D

(52) 4-Nitrophenol-d4 (S)

14.304min (+0.006) 5.45ng/ul

response 26517

Ion	Exp%	Act%
143.00	100	100
113.00	88.20	80.98
41.00	20.00	21.89
42.00	15.10	17.00

Quantitation Report (Qedit)

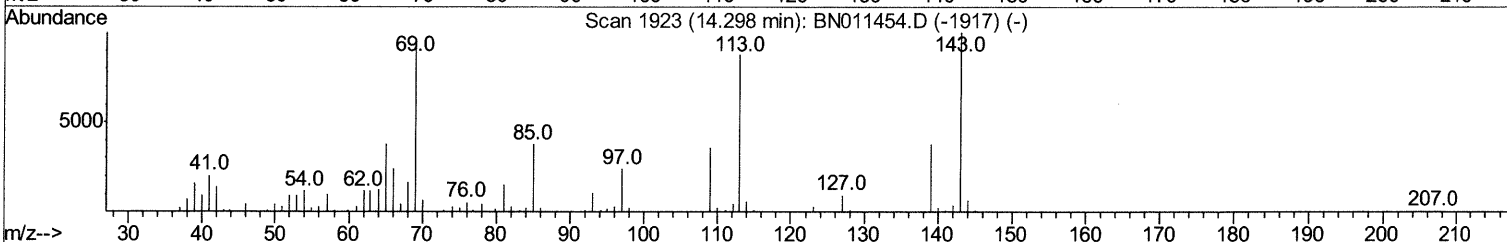
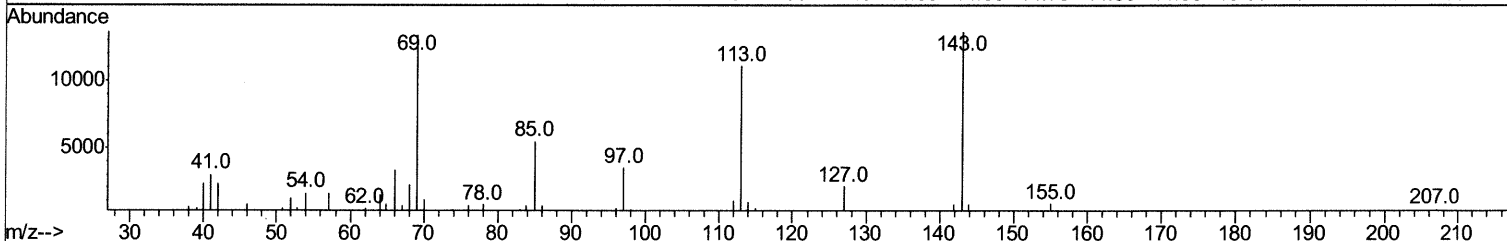
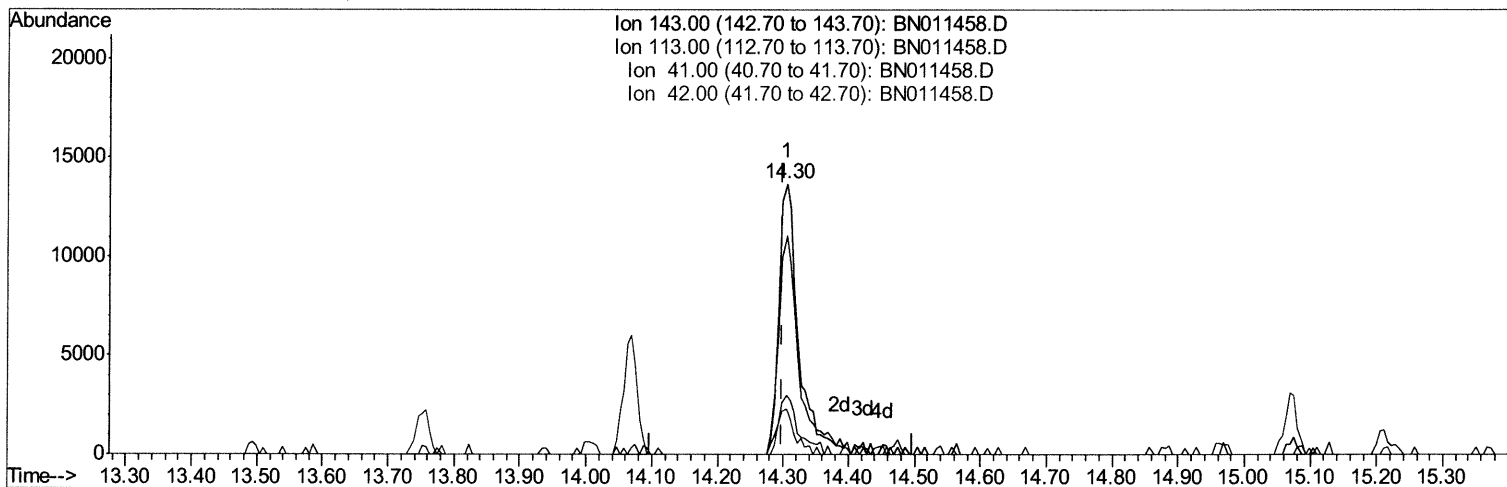
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN081720\
 Data File : BN011458.D
 Acq On : 17 Aug 2020 19:53
 Operator : CG/JU
 Sample : L3611-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBFM0

Manual Integrations
 APPROVED

mohammad
 8/19/2020 2:19:03 PM

Quant Time: Aug 18 05:28:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 18 04:25:59 2020
 Response via : Initial Calibration



TIC: BN011458.D

(52) 4-Nitrophenol-d4 (S)

14.304min (+0.006) 5.86ng/ul m 08/21/20 JU

response 28505

Ion	Exp%	Act%
143.00	100	100
113.00	88.20	80.98
41.00	20.00	21.89
42.00	15.10	17.00

Quantitation Report (Qedit)

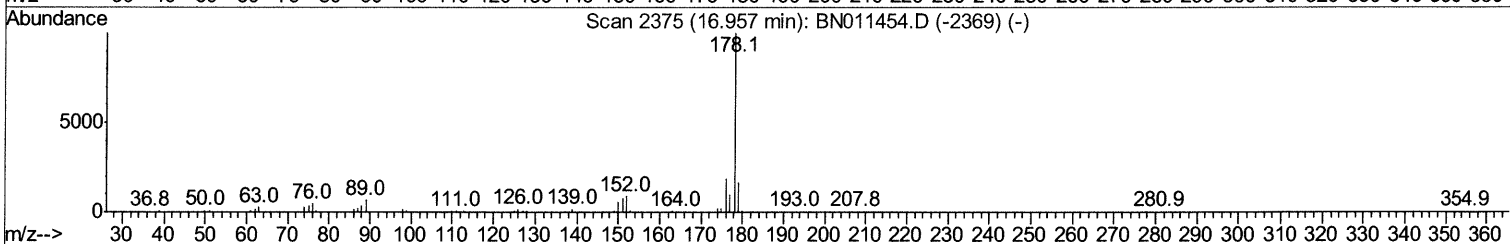
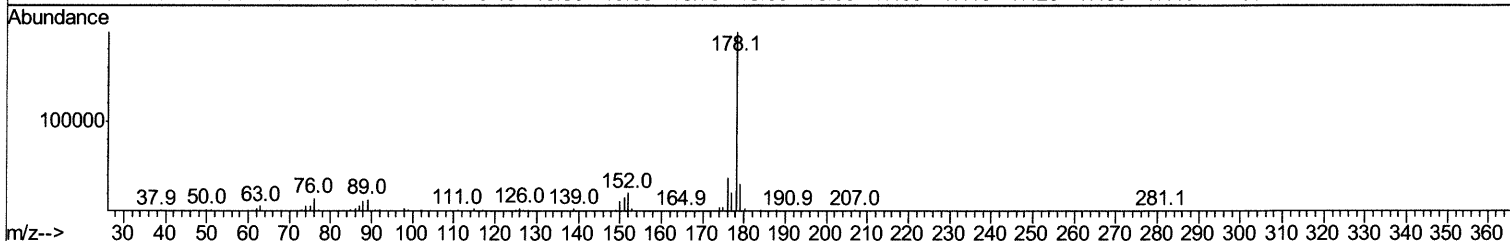
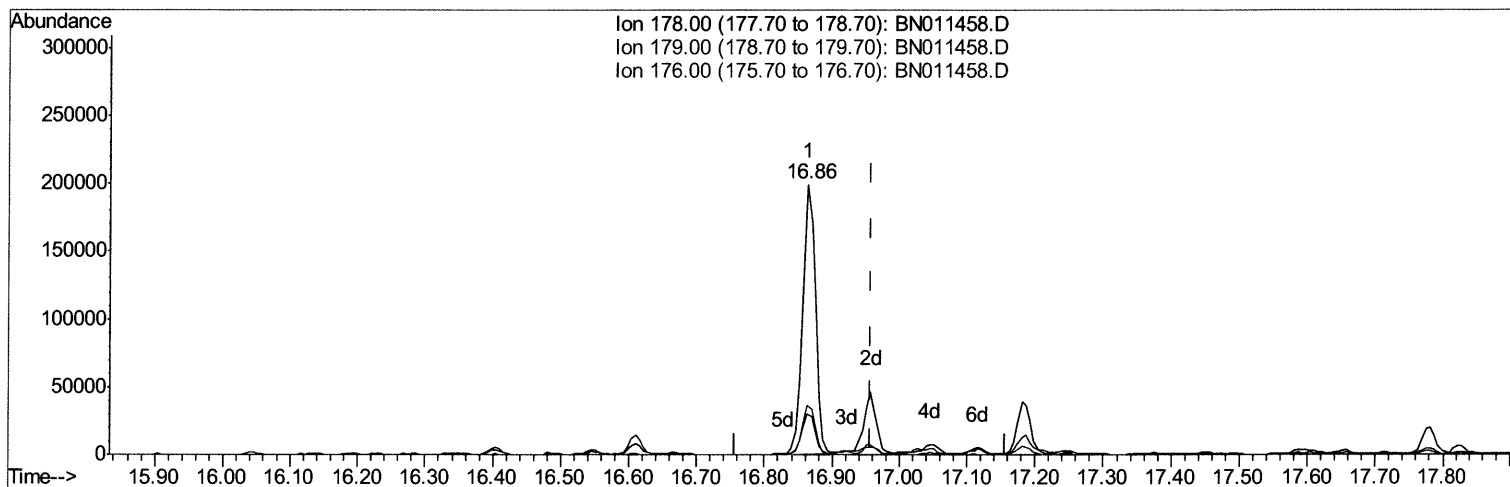
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN081720\
Data File : BN011458.D
Acq On : 17 Aug 2020 19:53
Operator : CG/JU
Sample : L3611-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBFM0

Manual Integrations
APPROVED

mohammad
8/19/2020 2:19:03 PM

Quant Time: Aug 18 05:31:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 18 04:25:59 2020
Response via : Initial Calibration



TIC: BN011458.D

(72) Anthracene

16.863min (-0.094) 5.65ng/ul

response 260395

Ion	Exp%	Act%
178.00	100	100
179.00	16.20	15.19
176.00	18.20	18.38
0.00	0.00	0.00

Quantitation Report (Qedit)

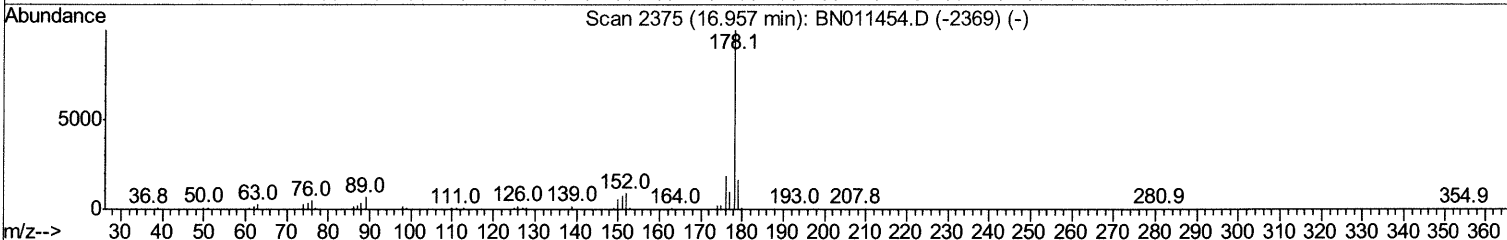
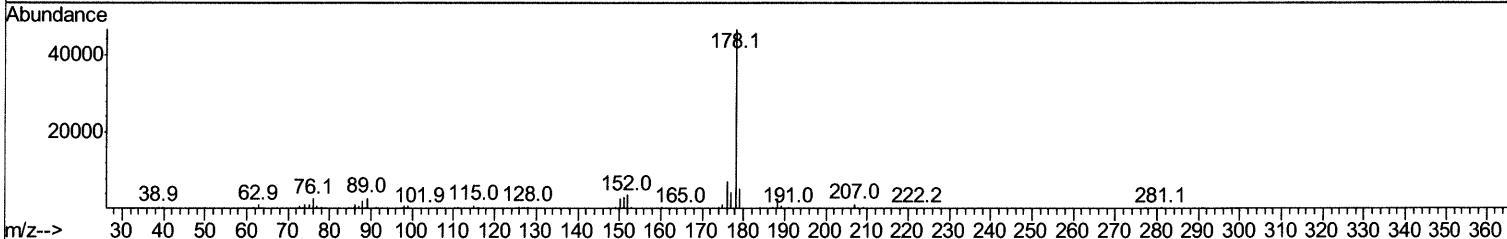
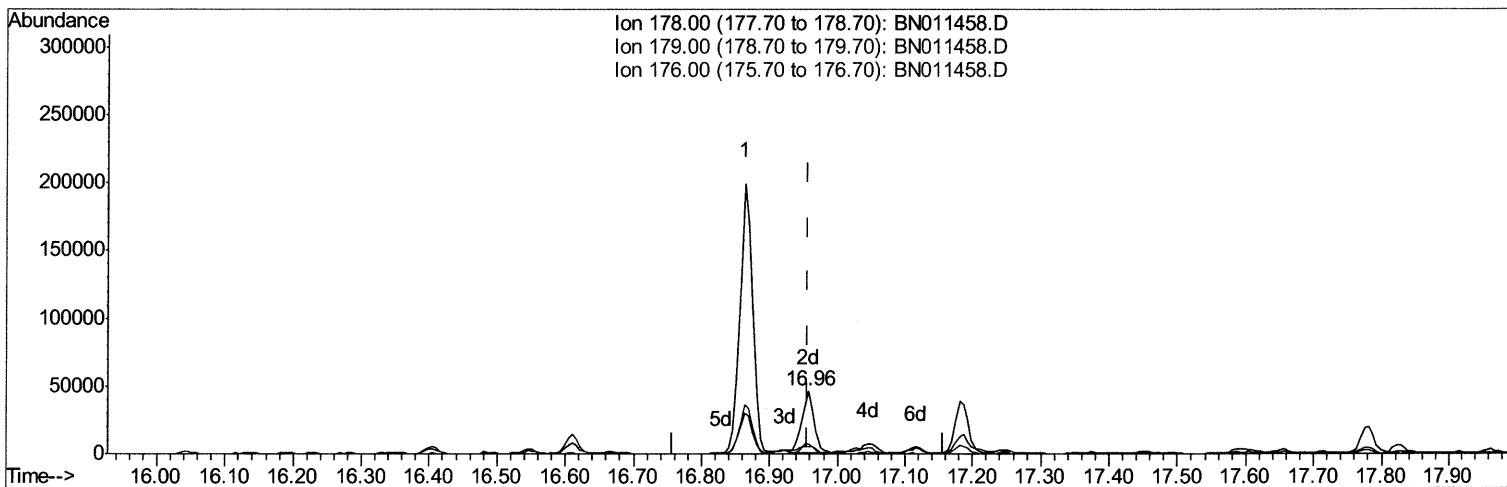
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN081720\
 Data File : BN011458.D
 Acq On : 17 Aug 2020 19:53
 Operator : CG/JU
 Sample : L3611-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBFM0

Manual Integrations
 APPROVED

mohammad
 8/19/2020 2:19:03 PM

Quant Time: Aug 18 05:31:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 18 04:25:59 2020
 Response via : Initial Calibration



TIC: BN011458.D

(72) Anthracene

16.957min (+0.000) 1.21ng/ul m 08/21/20 JU

response 55590

Ion	Exp%	Act%
178.00	100	100
179.00	16.20	11.46#
176.00	18.20	15.86
0.00	0.00	0.00

Quantitation Report (Qedit)

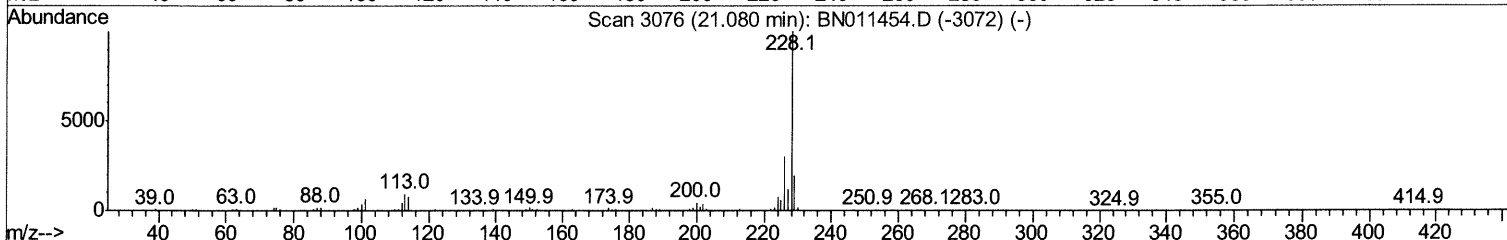
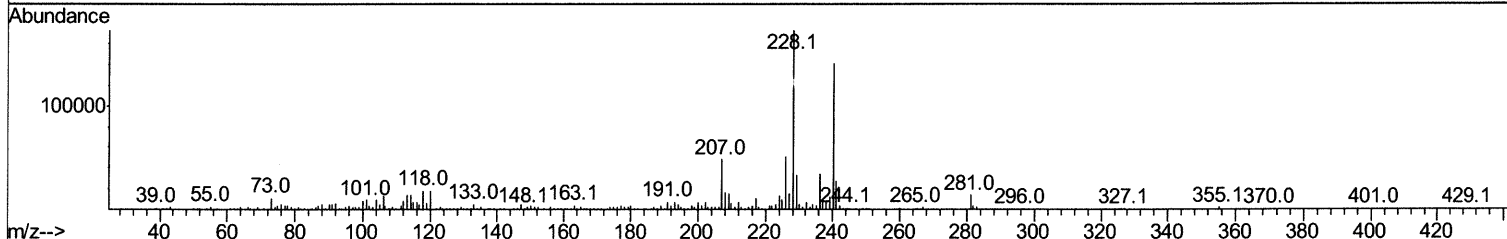
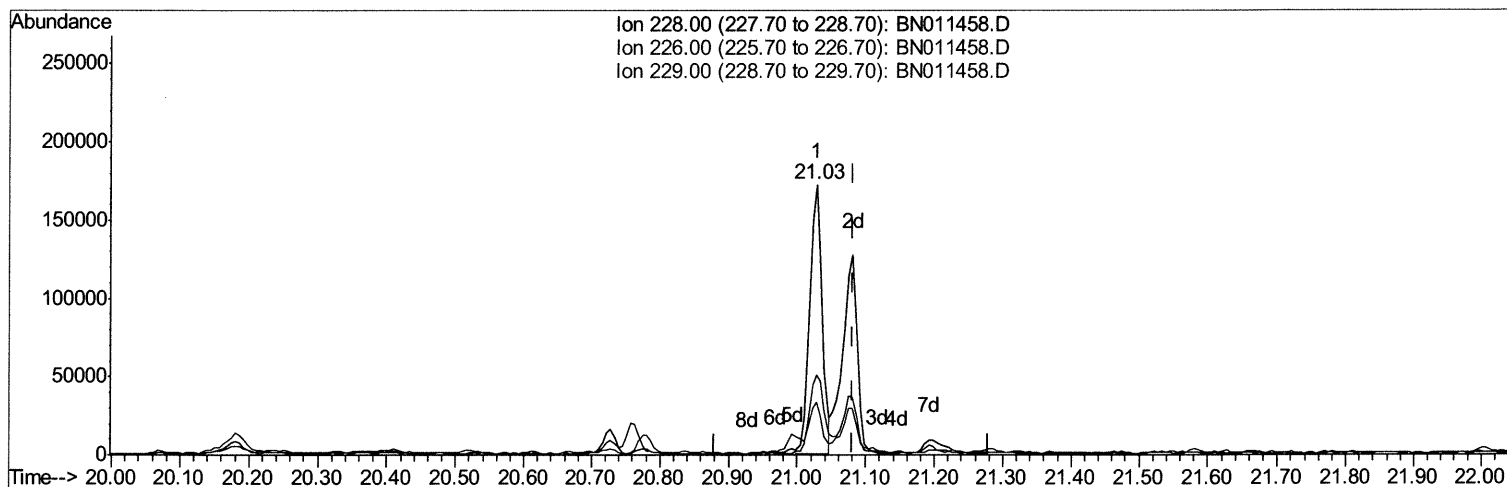
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN081720\
 Data File : BN011458.D
 Acq On : 17 Aug 2020 19:53
 Operator : CG/JU
 Sample : L3611-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBFM0

Manual Integrations
 APPROVED

mohammad
 8/19/2020 2:19:03 PM

Quant Time: Aug 18 05:31:18 2020
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TIC: BN011458.D

(85) Chrysene

21.028min (-0.053) 4.12ng/ul

response 218391

Ion	Exp%	Act%
228.00	100	100
226.00	29.40	29.47
229.00	18.80	19.44
0.00	0.00	0.00

Quantitation Report (Qedit)

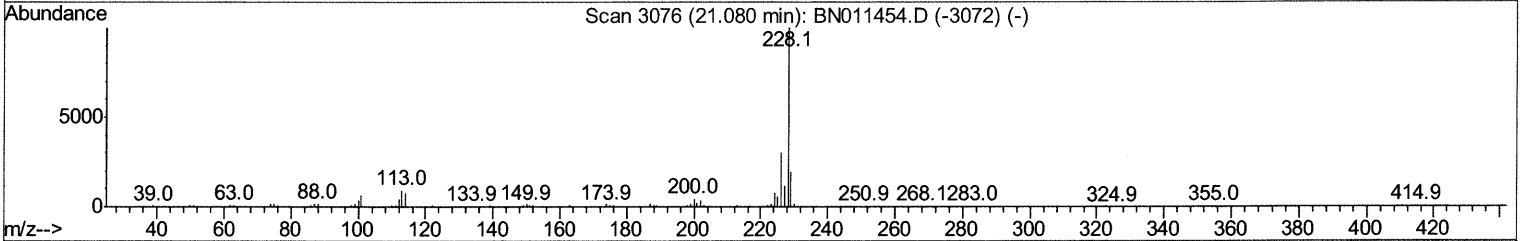
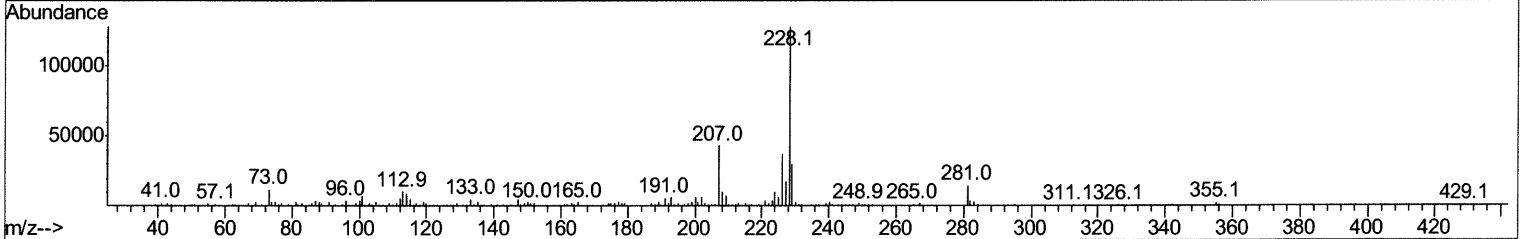
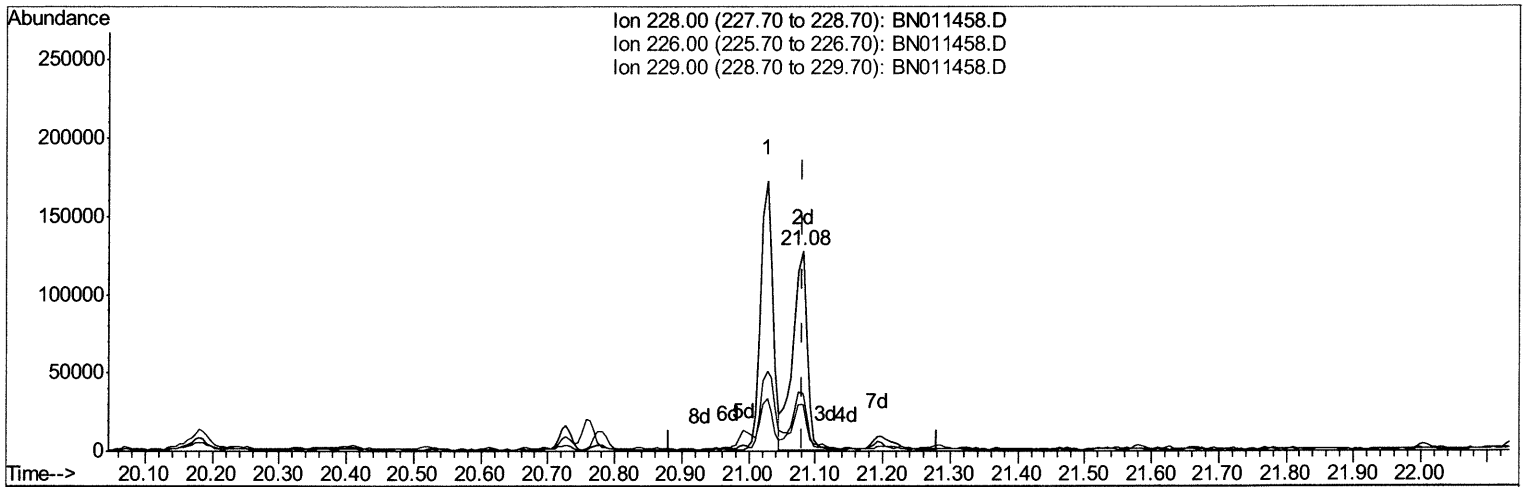
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN081720\
 Data File : BN011458.D
 Acq On : 17 Aug 2020 19:53
 Operator : CG/JU
 Sample : L3611-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
ClientSampleId :
 DBFM0

Manual Integrations
APPROVED

mohammad
 8/19/2020 2:19:03 PM

Quant Time: Aug 18 05:31:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 18 04:25:59 2020
 Response via : Initial Calibration



TIC: BN011458.D

(85) Chrysene

21.080min (+0.000) 3.63ng/ul m 08/20/20 JU

response 192225

Ion	Exp%	Act%
228.00	100	100
226.00	29.40	28.75
229.00	18.80	23.52#
0.00	0.00	0.00

Quantitation Report (Qedit)

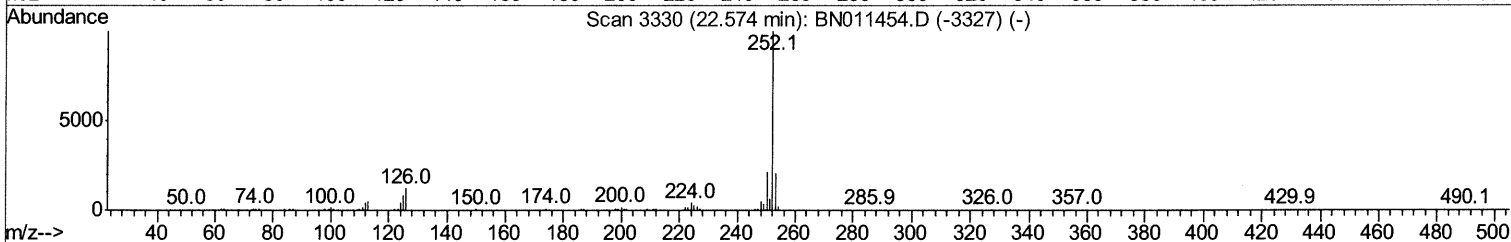
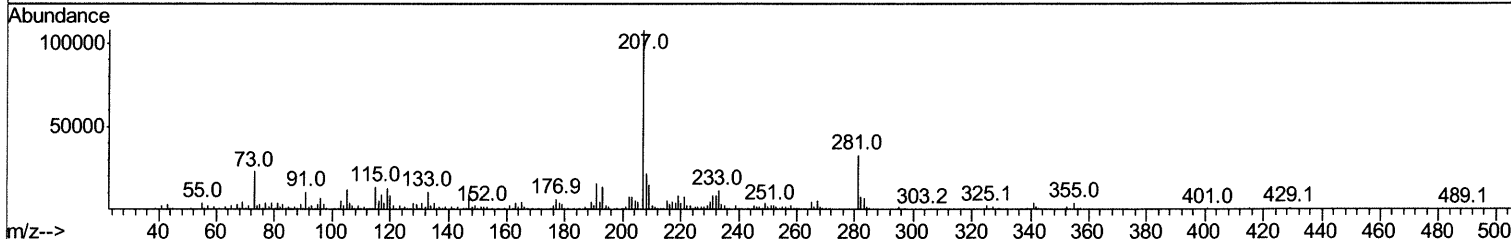
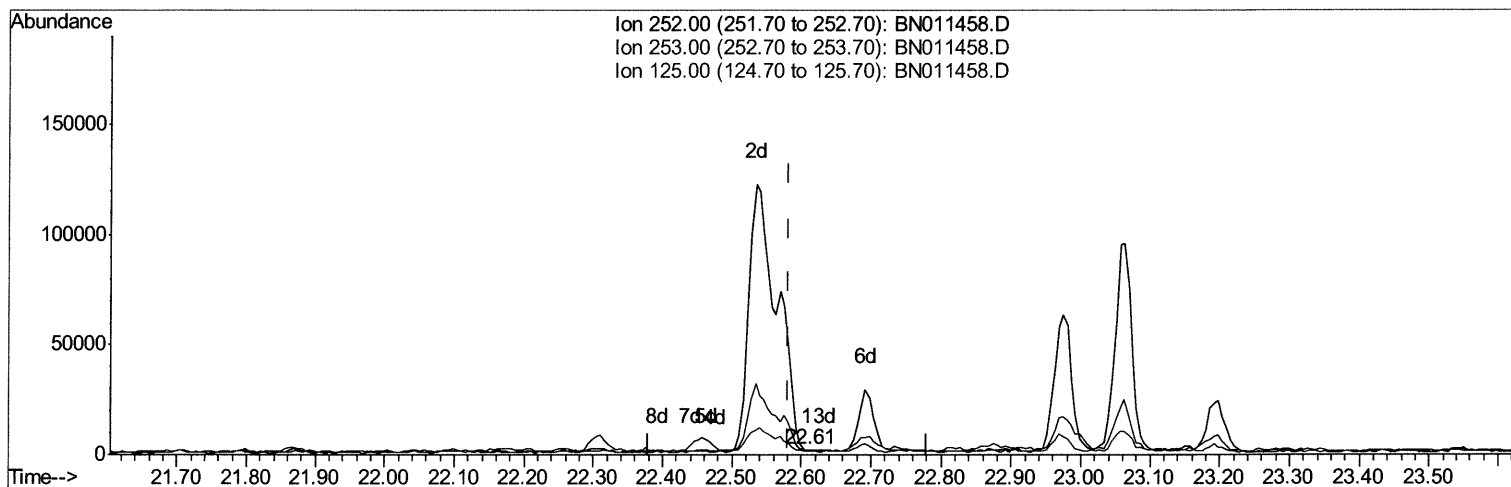
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN081720\
 Data File : BN011458.D
 Acq On : 17 Aug 2020 19:53
 Operator : CG/JU
 Sample : L3611-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBFM0

Manual Integrations
 APPROVED

mohammad
 8/19/2020 2:19:03 PM

Quant Time: Aug 18 05:36:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 18 04:25:59 2020
 Response via : Initial Calibration



TIC: BN011458.D

(89) Benzo(k)fluoranthene
 22.610min (+0.030) 0.01ng/ul
 response 367

Ion	Exp%	Act%
252.00	100	100
253.00	19.70	73.85#
125.00	7.50	78.48#
0.00	0.00	0.00

Quantitation Report (Qedit)

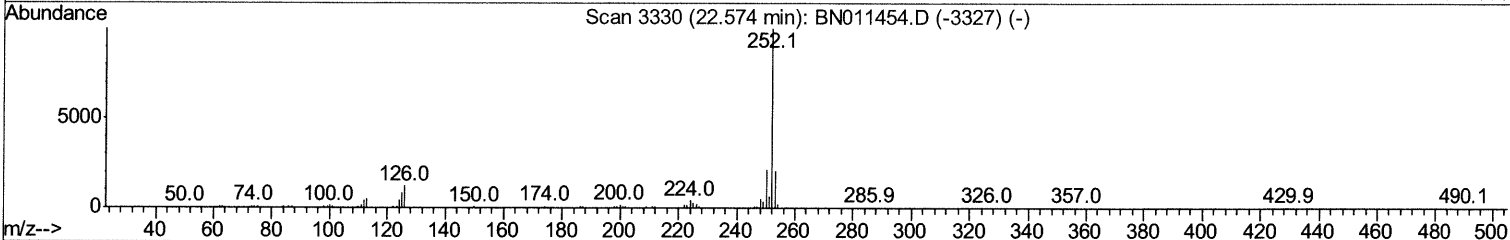
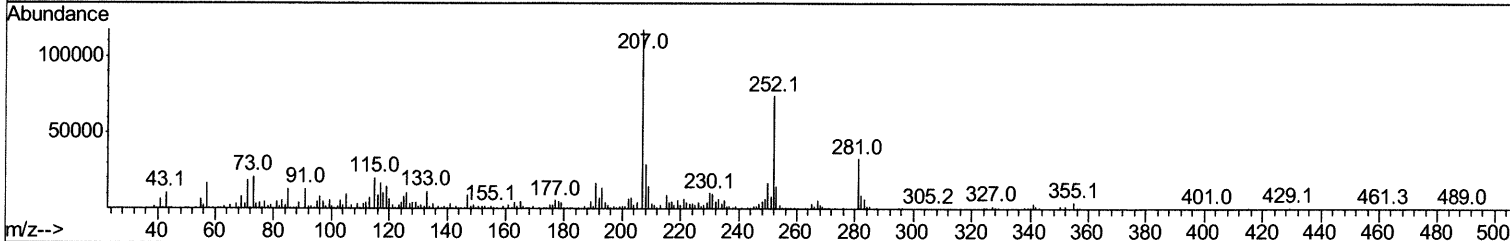
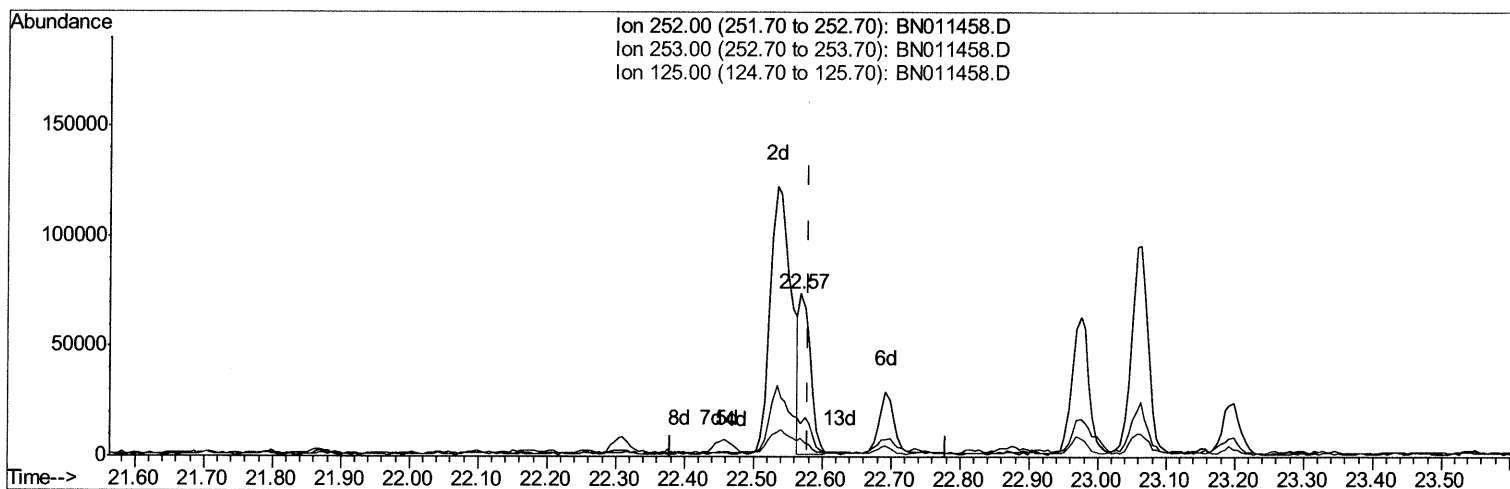
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN081720\
 Data File : BN011458.D
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 Operator : CG/JU
 Sample : L3611-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBFM0

Manual Integrations
 APPROVED

mohammad
 8/19/2020 2:19:03 PM

Quant Time: Aug 18 05:36:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 18 04:25:59 2020
 Response via : Initial Calibration



TIC: BN011458.D

(89) Benzo(k)fluoranthene

22.569min (-0.012) 1.41ng/ul m 08/21/2024

response 82211

Ion	Exp%	Act%
252.00	100	100
253.00	19.70	20.06
125.00	7.50	11.63#
0.00	0.00	0.00

Quantitation Report (Qedit)

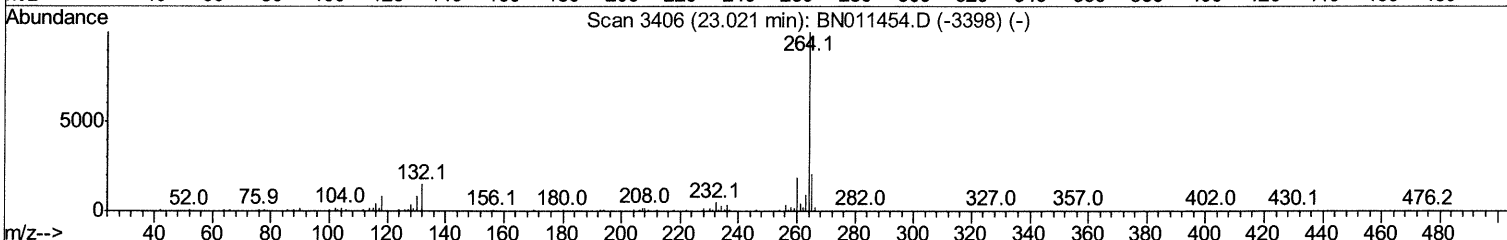
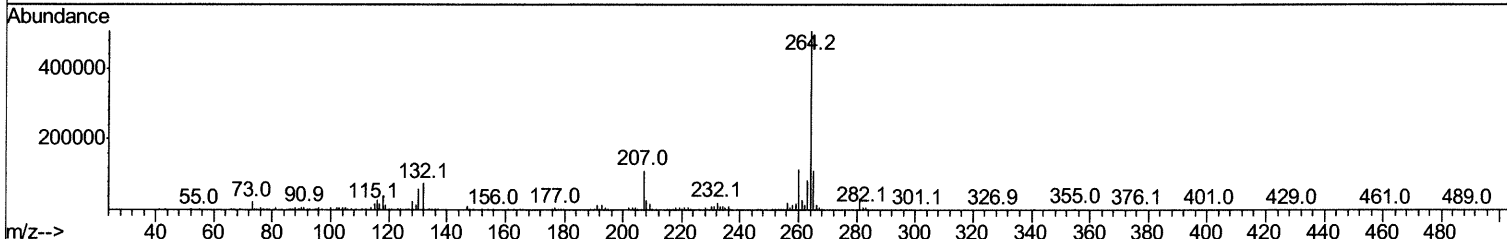
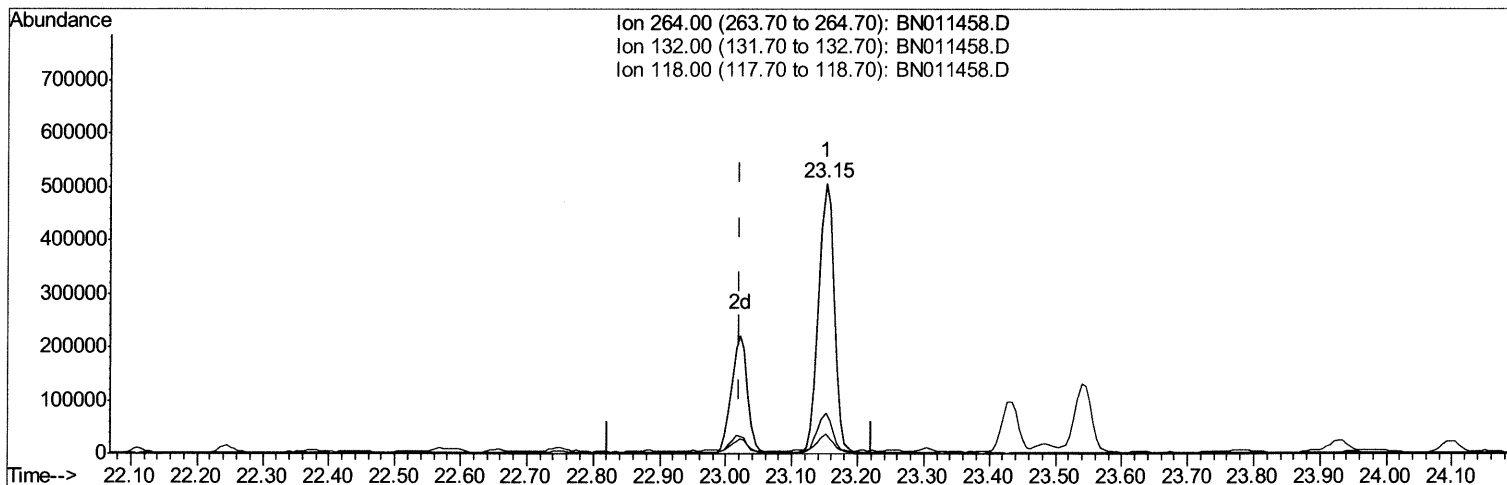
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN081720\
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 ALS Vial : 12 Sample Multiplier: 1

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Manual Integrations
 APPROVED

mohammad
 8/19/2020 2:19:03 PM

Quant Time: Aug 18 05:36:08 2020
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TIC: BN011458.D

(90) Benzo(a)pyrene-d12 (S)

23.151min (+0.130) 17.94ng/ul

response 838921

Ion	Exp%	Act%
264.00	100	100
132.00	15.60	15.08
118.00	8.50	7.22
0.00	0.00	0.00

Quantitation Report (Qedit)

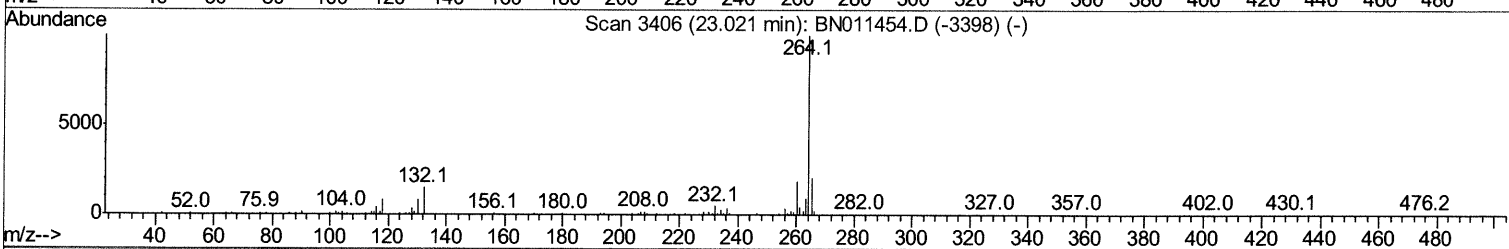
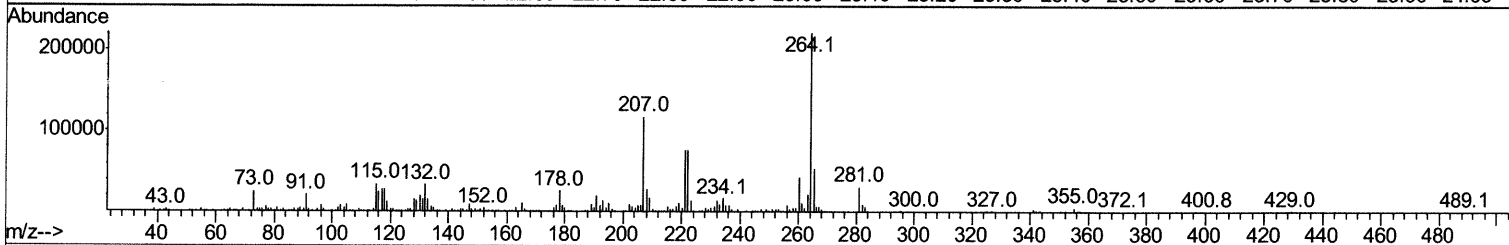
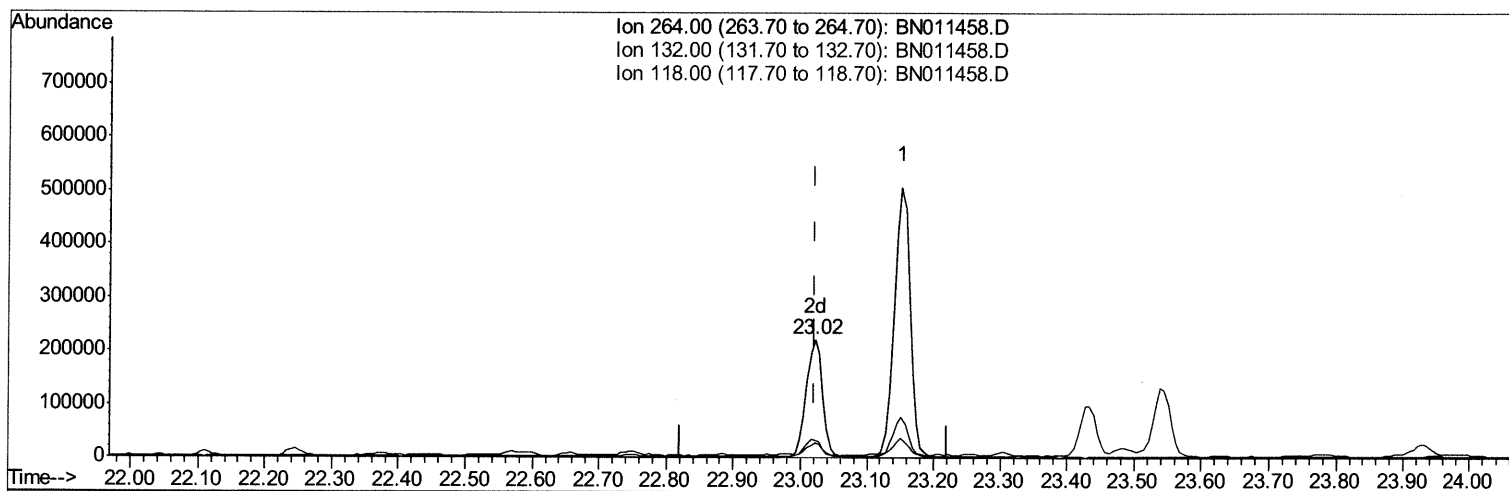
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN081720\
Data File : BN011458.D
Acq On : 17 Aug 2020 19:53
Operator : CG/JU
Sample : L3611-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBFM0

Manual Integrations
APPROVED

mohammad
8/19/2020 2:19:03 PM

Quant Time: Aug 18 05:36:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 18 04:25:59 2020
Response via : Initial Calibration



TIC: BN011458.D

(90) Benzo(a)pyrene-d12 (S)

23.022min (+0.000) 8.10ng/ul m

08/21/20 JU

response 378999

Ion	Exp%	Act%
264.00	100	100
132.00	15.60	14.89
118.00	8.50	12.20#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN081720\
 Data File : BN011458.D
 Acq On : 17 Aug 2020 19:53
 Operator : CG/JU
 Sample : L3611-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBFM0

Manual Integrations
 APPROVED

mohammad
 8/19/2020 2:19:03 PM

Quant Time: Aug 18 06:09:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 18 04:25:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	193810	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	629749	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.07	164	368825	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	766941	20.00	ng/ul	0.00
78) Chrysene-d12	21.04	240	801860	20.00	ng/ul	0.00
86) Perylene-d12	23.15	264	842233	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	6874m>	1.70	ng/ul>	0.00	08/21/20 JU
5) Phenol-d5	6.64	99	103011	7.52	ng/ul	0.00	
7) Bis-(2-Chloroethyl)ether-d	6.80	67	58223	8.33	ng/ul	0.00	
9) 2-Chlorophenol-d4	6.98	132	94097	7.66	ng/ul	0.00	
13) 4-Methylphenol-d8	8.15	113	60242	5.41	ng/ul	0.00	
19) Nitrobenzene-d5	8.58	128	46545	9.54	ng/ul	0.00	
22) 2-Nitrophenol-d4	9.29	143	50950	9.28	ng/ul	0.00	
26) 2,4-Dichlorophenol-d3	9.82	165	85575	8.25	ng/ul	0.00	
29) 4-Chloroaniline-d4	10.35	131	24358m>	1.96	ng/ul>	0.01	08/21/20 JU
44) Dimethylphthalate-d6	13.49	166	297423	10.36	ng/ul	0.00	
47) Acenaphthylene-d8	13.75	160	322584	9.33	ng/ul	0.00	
52) 4-Nitrophenol-d4	14.30	143	28505m>	5.86	ng/ul>	0.00	08/21/20 JU
58) Fluorene-d10	15.07	176	246733	9.81	ng/ul	0.00	
63) 4,6-Dinitro-2-methylphenol	15.21	200	27606	5.43	ng/ul	0.00	
71) Anthracene-d10	16.92	188	334244	9.12	ng/ul	0.00	
79) Pyrene-d10	19.23	212	390866	9.49	ng/ul	0.00	
90) Benzo(a)pyrene-d12	23.02	264	378999m>	8.10	ng/ul>	0.00	08/21/20 JU

Target Compounds

					Ovalue	
45) Dimethylphthalate	13.54	163	65348	2.217	ng/ul	98
70) Phenanthrene	16.86	178	260346	5.723	ng/ul	97
72) Anthracene	16.96	178	55590m>	1.207	ng/ul>	08/21/20 JU
77) Fluoranthene	18.89	202	446679	8.025	ng/ul	98
80) Pyrene	19.26	202	348839	6.182	ng/ul	99
83) Benzo(a)anthracene	21.03	228	211958	3.973	ng/ul	96
85) Chrysene	21.08	228	192225m>	3.628	ng/ul>	08/21/20 JU
88) Benzo(b)fluoranthene	22.53	252	262235	4.454	ng/ul#	92
89) Benzo(k)fluoranthene	22.57	252	82211m>	1.406	ng/ul>	08/21/20 JU
91) Benzo(a)pyrene	23.06	252	159677	2.943	ng/ul#	90
92) Indeno(1,2,3-cd)pyrene	25.20	276	116369	1.674	ng/ul	97
94) Benzo(g,h,i)perylene	25.83	276	91100	1.580	ng/ul#	94

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