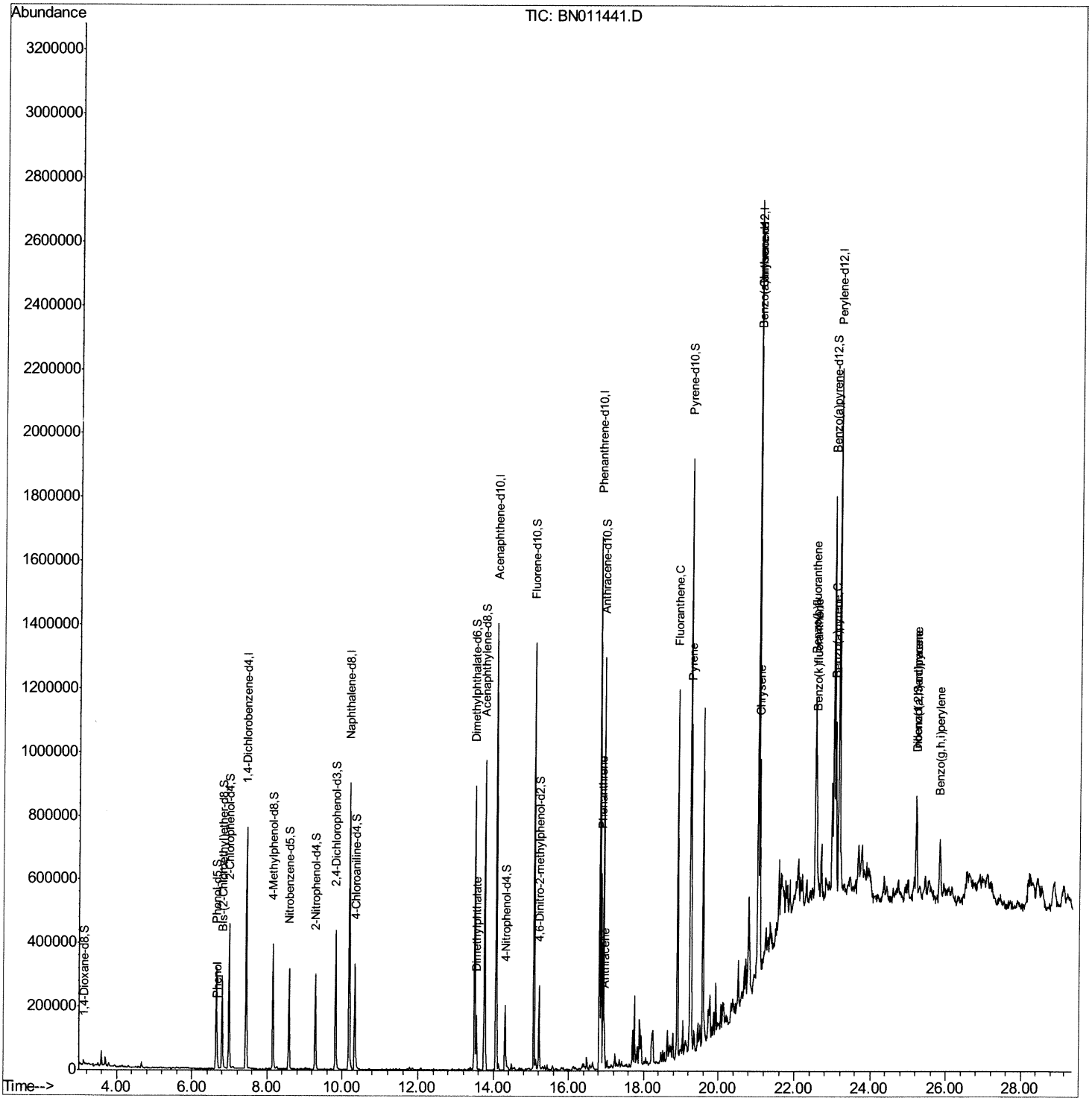
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN081420\
Data File : BN011441.D
Acq On : 15 Aug 2020 00:11
Operator : CG/JU
Sample : L3631-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 17 02:24:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 17 01:29:31 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BFMN1

Manual Integrations APPROVED
mohammad
8/18/2020 1:48:25 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN081420\
Data File : BN011441.D
Acq On : 15 Aug 2020 00:11
Operator : CG/JU
Sample : L3631-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 17 02:21:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 17 01:29:31 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BFMN1

Manual Integrations APPROVED
mohammad
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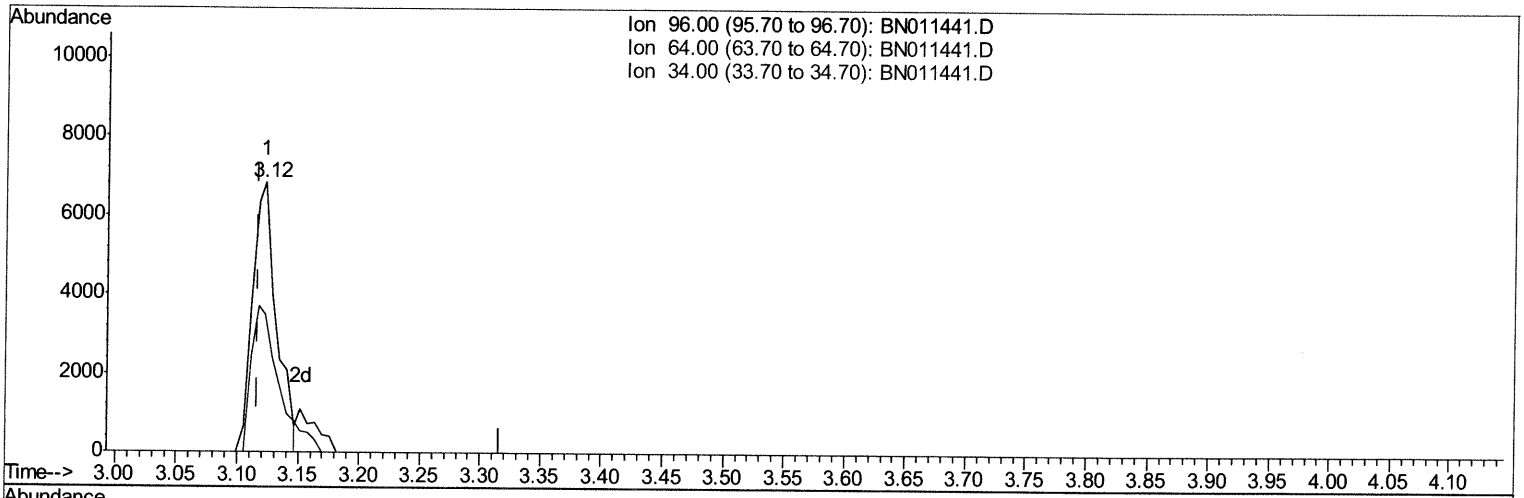
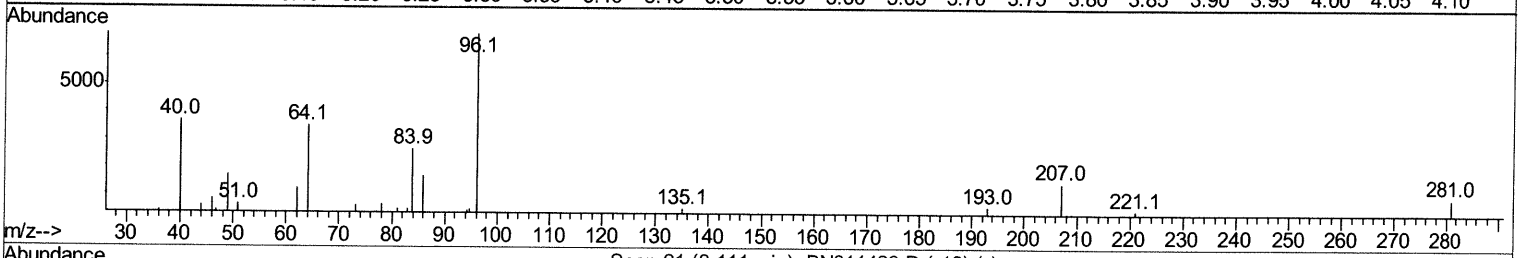
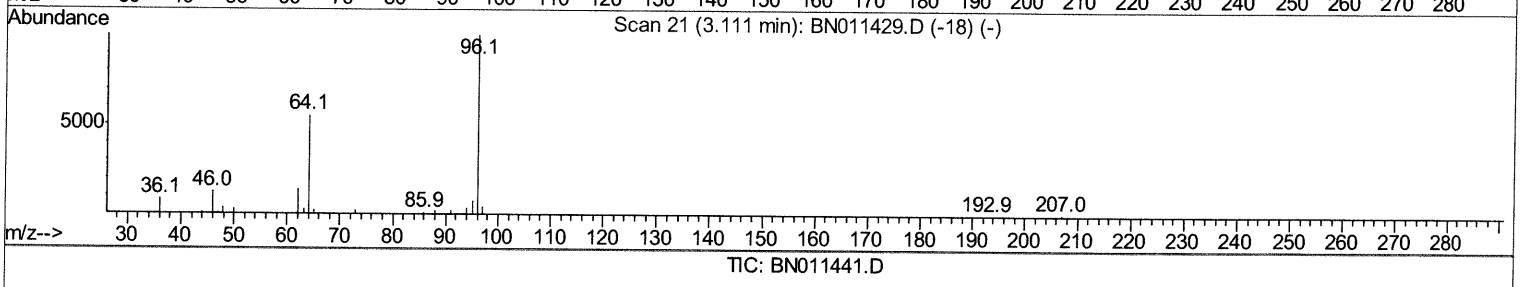






TIC: BN011441.D

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

3.122min (+0.006) 2.15ng/uL

response 9403

Ion	Exp%	Act%
96.00	100	100
64.00	54.40	50.91
34.00	0.00	0.00
0.00	0.00	0.00

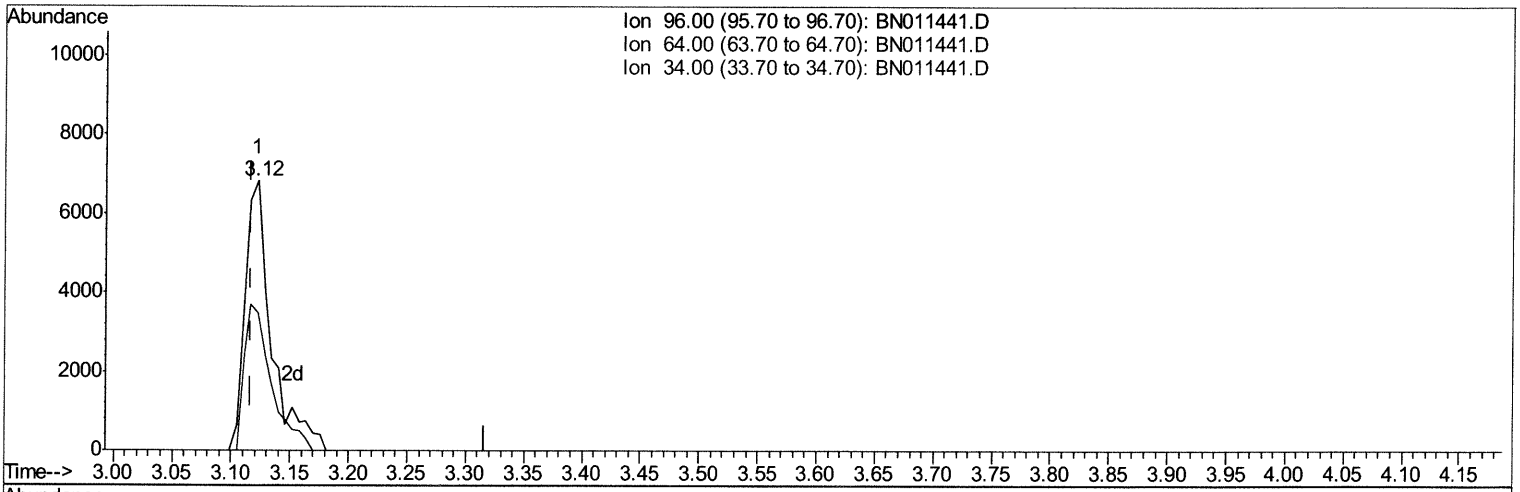
Quantitation Report (Qedit)

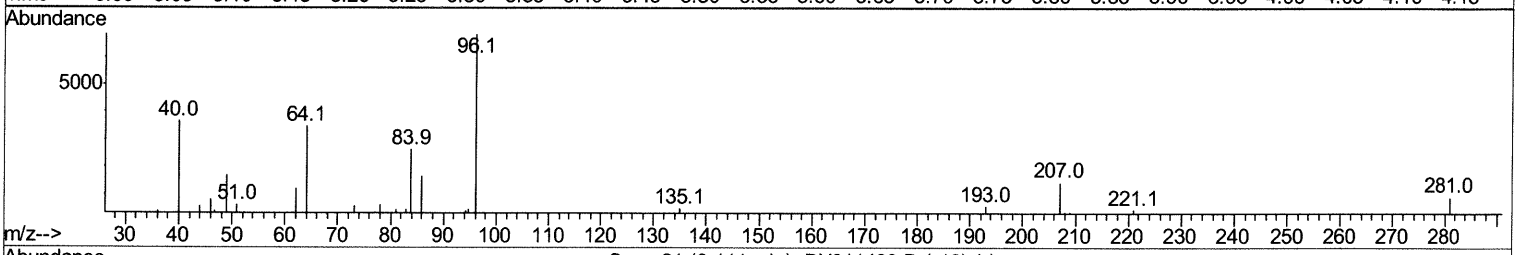
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN081420\
Data File : BN011441.D
Acq On : 15 Aug 2020 00:11
Operator : CG/JU
Sample : L3631-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

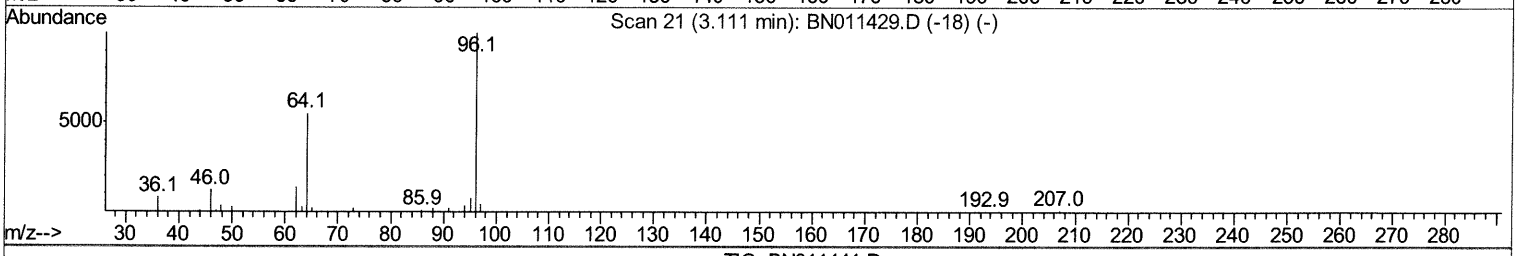
Quant Time: Aug 17 02:21:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 17 01:29:31 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BFMN1

Manual Integrations APPROVED
mohammad
8/18/2020 1:48:25 PM







TIC: BN011441.D

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

3.122min (+0.006) 2.43ng/uL m 08/24/20 JU

response 10609

Ion	Exp%	Act%
96.00	100	100
64.00	54.40	50.91
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN081420\
Data File : BN011441.D
Acq On : 15 Aug 2020 00:11
Operator : CG/JU
Sample : L3631-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 17 02:21:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 17 01:29:31 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BFMN1

Manual Integrations APPROVED
mohammad
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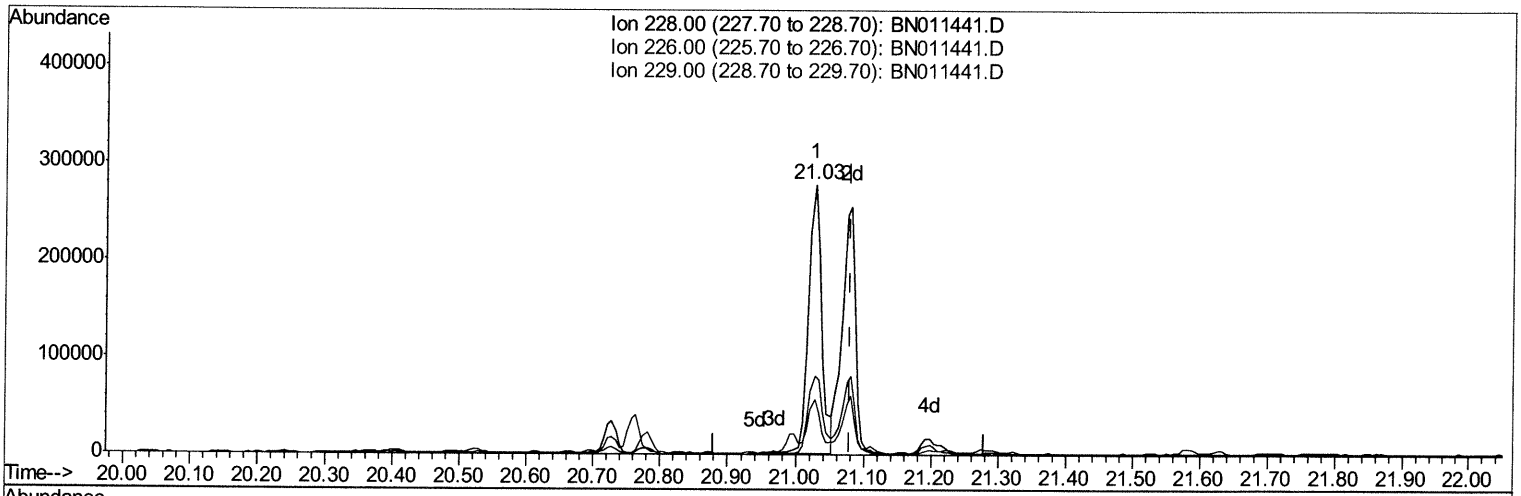

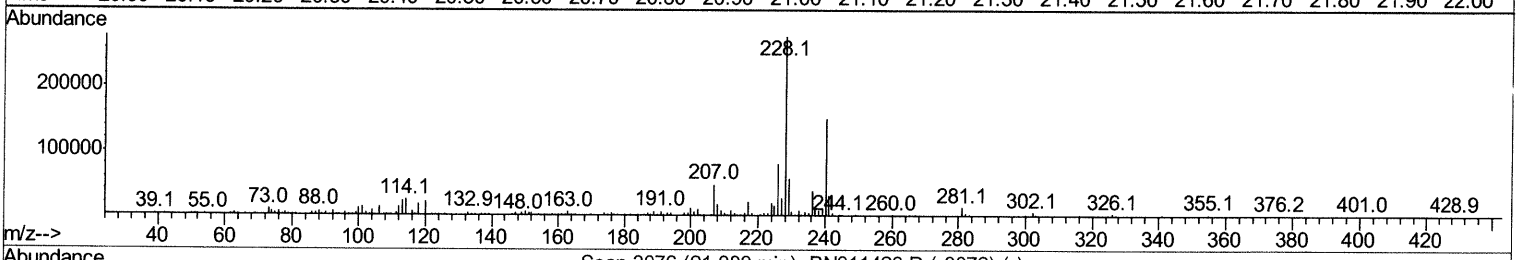

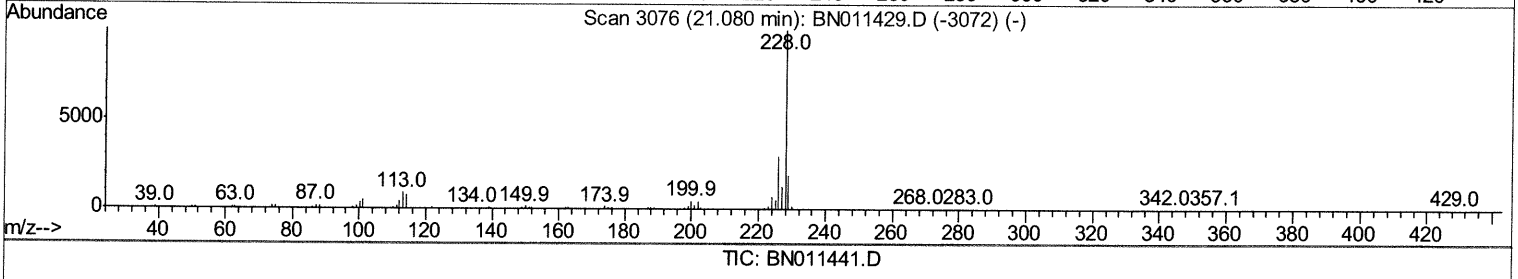

TIC: BN011441.D

(85) Chrysene

21.027min (-0.053) 5.64ng/ul

response 364183

Ion	Exp%	Act%
228.00	100	100
226.00	29.40	29.16
229.00	18.80	20.33
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN081420\
Data File : BN011441.D
Acq On : 15 Aug 2020 00:11
Operator : CG/JU
Sample : L3631-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 17 02:21:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 17 01:29:31 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BFMN1

Manual Integrations APPROVED
mohammad
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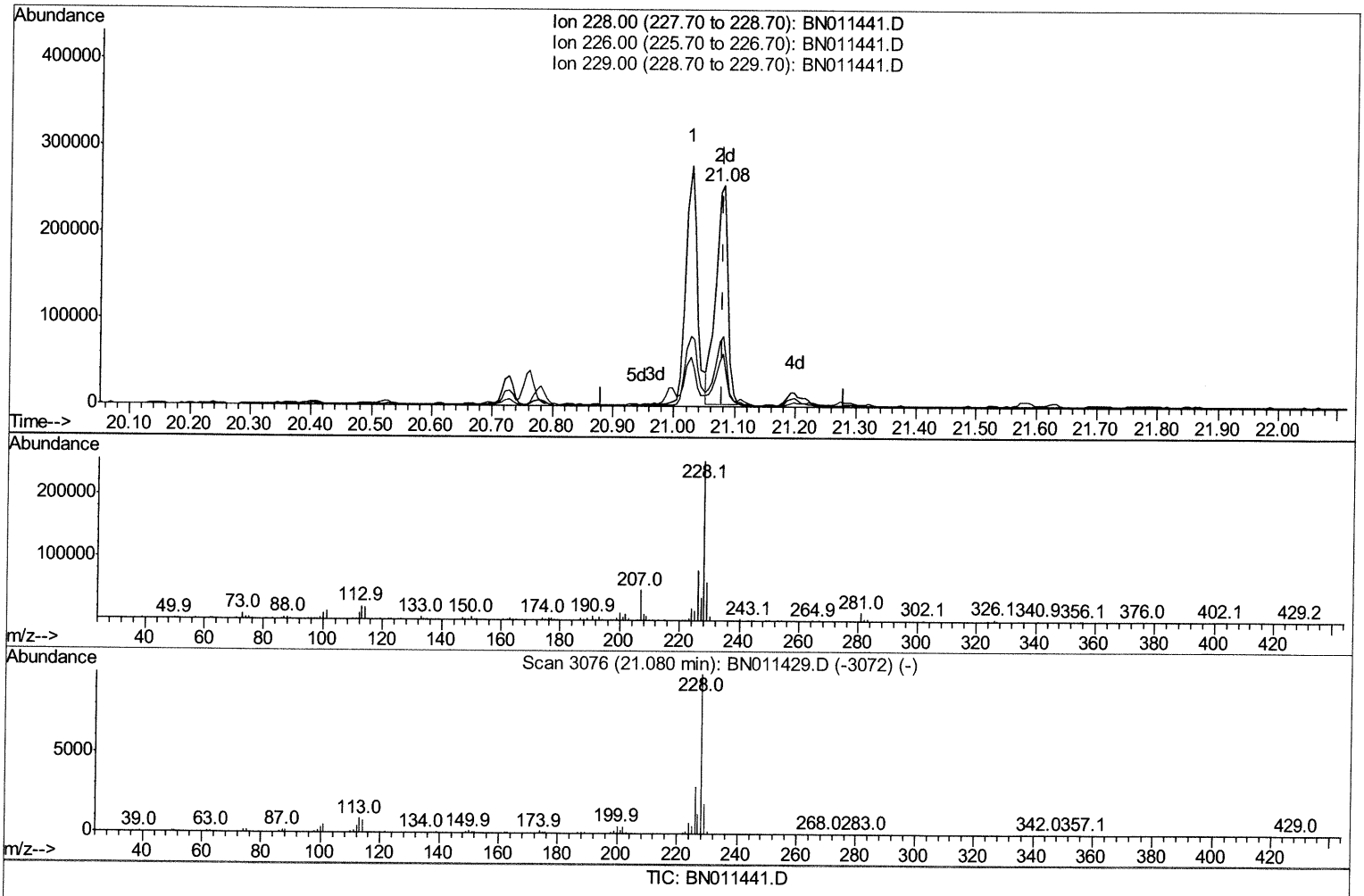


TIC: BN011441.D

(85) Chrysene

21.080min (+0.000) 5.50ng/ul m 08/24/20 JU

response 354931

Ion	Exp%	Act%
228.00	100	100
226.00	29.40	31.70
229.00	18.80	23.79#
0.00	0.00	0.00

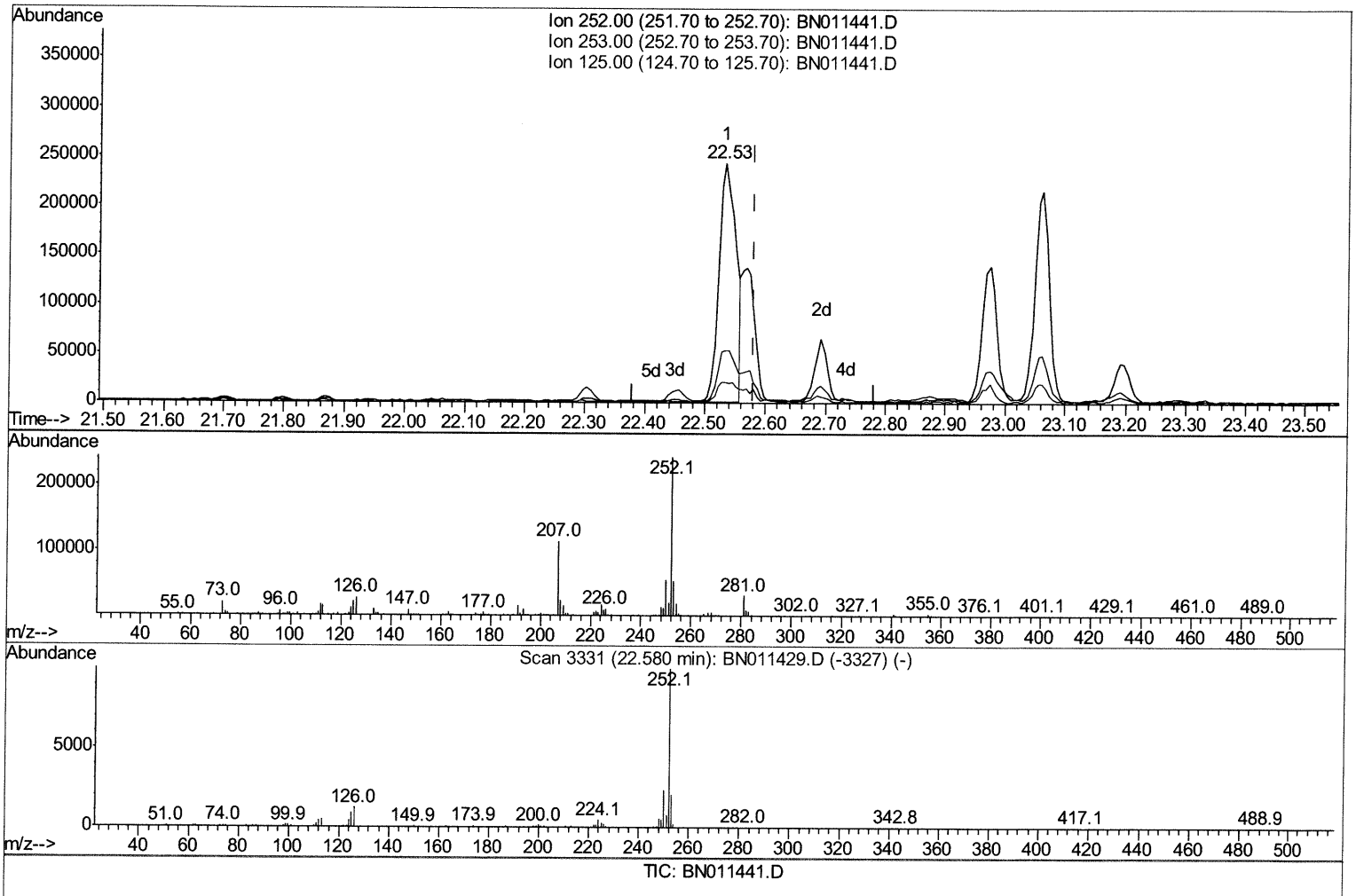
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN081420\
Data File : BN011441.D
Acq On : 15 Aug 2020 00:11
Operator : CG/JU
Sample : L3631-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 17 02:21:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 17 01:29:31 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BFMN1

Manual Integrations APPROVED
mohammad
8/18/2020 1:48:25 PM



TIC: BN011441.D

(89) Benzo(k)fluoranthene

22.533min (-0.047) 6.97ng/ul

response 479875

Ion	Exp%	Act%
252.00	100	100
253.00	19.70	21.90
125.00	7.50	8.85
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN081420\
Data File : BN011441.D
Acq On : 15 Aug 2020 00:11
Operator : CG/JU
Sample : L3631-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 17 02:21:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 17 01:29:31 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BFMN1

Manual Integrations APPROVED
mohammad
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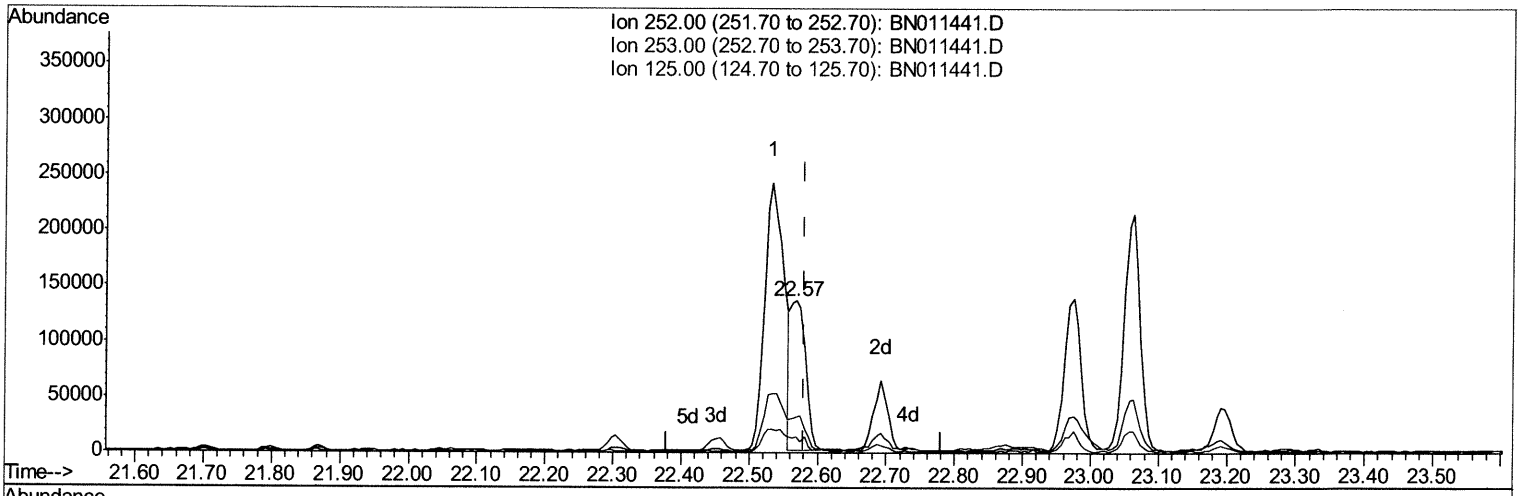

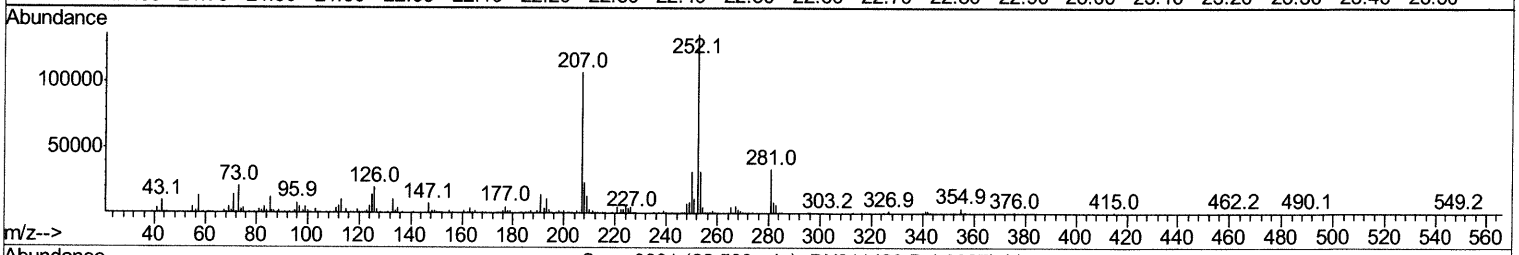

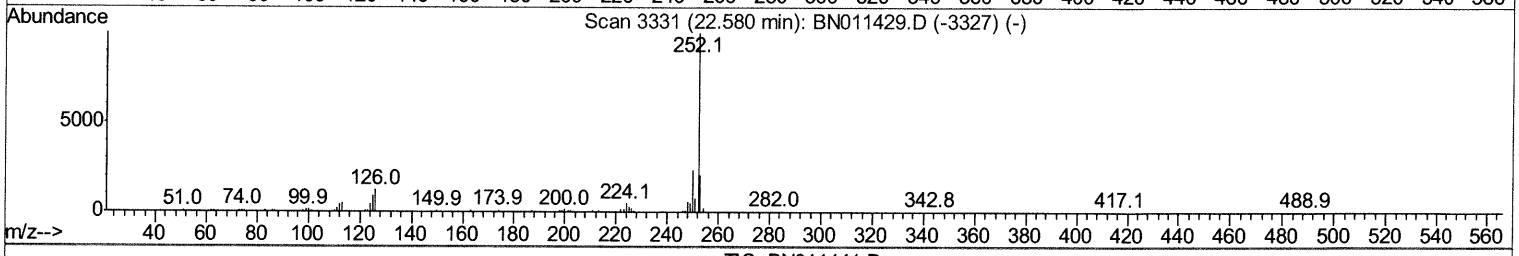

TIC: BN011441.D

(89) Benzo(k)fluoranthene

22.569min (-0.012) 2.84ng/ul m 08/24/20 JU

response 195742

Ion	Exp%	Act%
252.00	100	100
253.00	19.70	23.47
125.00	7.50	10.66#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN081420\
Data File : BN011441.D
Acq On : 15 Aug 2020 00:11
Operator : CG/JU
Sample : L3631-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFMN1

Manual Integrations APPROVED
mohammad
8/18/2020 1:48:25 PM

Quant Time: Aug 17 02:24:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 17 01:29:31 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	209771	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	746558	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.07	164	458938	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.83	188	965935	20.00	ng/ul	0.00
78) Chrysene-d12	21.04	240	976746	20.00	ng/ul	0.00
86) Perylene-d12	23.15	264	991863	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	10609m >	2.43	ng/uL >	0.00 08/24/20 JU
5) Phenol-d5	6.64	99	191200	12.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	118247	15.64	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	205732	15.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	154762	12.85	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	88351	15.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	104199	16.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	177486	14.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	200410	13.63	ng/ul	0.00
44) Dimethylphthalate-d6	13.50	166	617862	17.29	ng/ul	0.00
47) Acenaphthylene-d8	13.76	160	661967	15.39	ng/ul	0.00
52) 4-Nitrophenol-d4	14.30	143	64288	10.62	ng/ul	0.00
58) Fluorene-d10	15.07	176	514101	16.43	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.21	200	60150	9.39	ng/ul	0.00
71) Anthracene-d10	16.92	188	722508	15.66	ng/ul	0.00
79) Pyrene-d10	19.23	212	786649	15.68	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.02	264	835996	15.18	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.67	94	26110	1.726	ng/ul	95
45) Dimethylphthalate	13.55	163	114067	3.110	ng/ul#	95
70) Phenanthrene	16.87	178	345678	6.034	ng/ul	97
72) Anthracene	16.96	178	63275	1.090	ng/ul	96
77) Fluoranthene	18.90	202	666493	9.507	ng/ul	99
80) Pyrene	19.26	202	621500	9.042	ng/ul	99
83) Benzo(a)anthracene	21.03	228	364183	5.604	ng/ul	96
85) Chrysene	21.08	228	354931m >	5.499	ng/ul >	08/24/20 JU
88) Benzo(b)fluoranthene	22.53	252	479875	6.920	ng/ul	99
89) Benzo(k)fluoranthene	22.57	252	195742m >	2.842	ng/ul >	08/24/20 JU
91) Benzo(a)pyrene	23.06	252	353843	5.538	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.20	276	244582	2.987	ng/ul	94
93) Dibenzo(a,h)anthracene	25.21	278	75262	1.098	ng/ul#	86
94) Benzo(g,h,i)perylene	25.82	276	200186	2.949	ng/ul	96

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