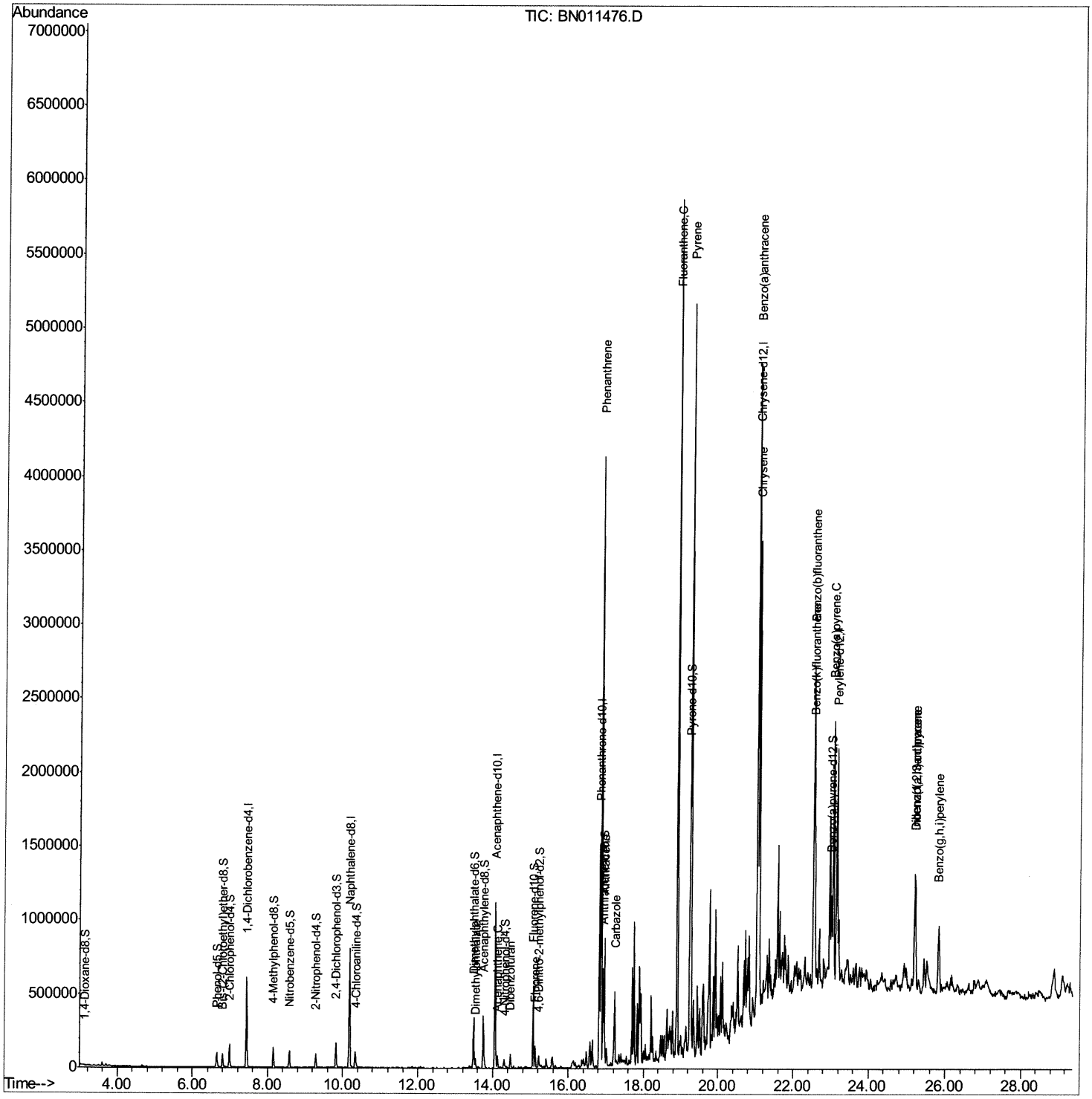
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN081720\
Data File : BN011476.D
Acq On : 18 Aug 2020 07:14
Operator : CG/JU
Sample : L3631-11DL 2X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Aug 18 08:11:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 18 06:41:47 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BFMM7DL

Manual Integrations APPROVED
mohammad
8/19/2020 2:19:34 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN081720\
Data File : BN011476.D
Acq On : 18 Aug 2020 07:14
Operator : CG/JU
Sample : L3631-11DL 2X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Aug 18 08:09:05 2020
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ClientSampleId :
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Manual Integrations APPROVED
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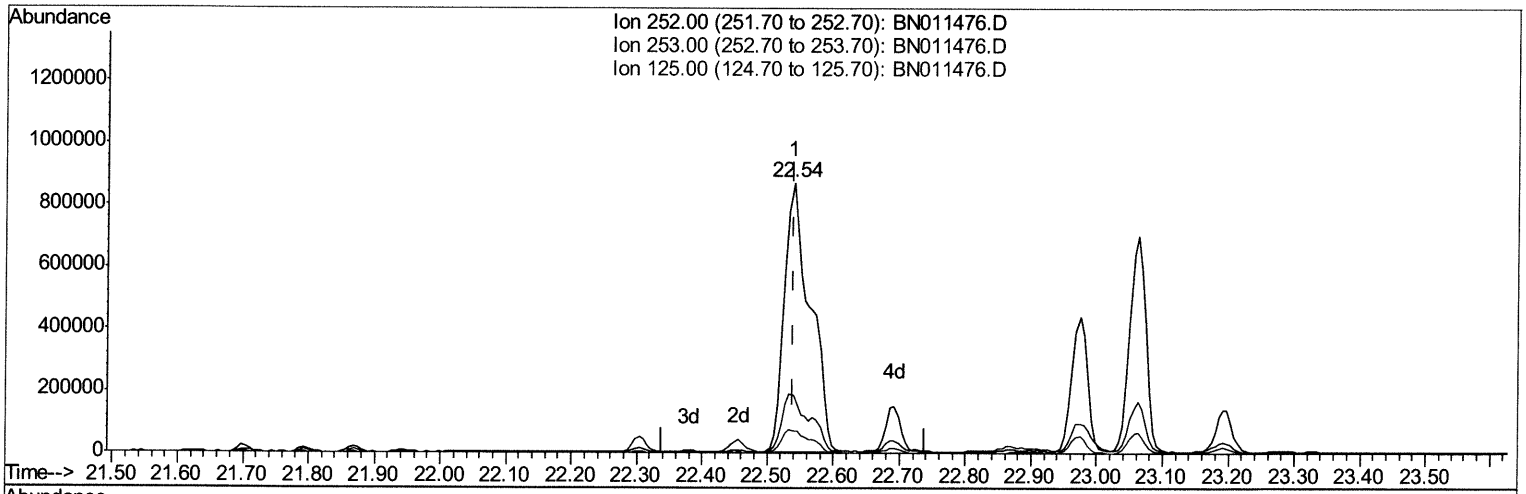
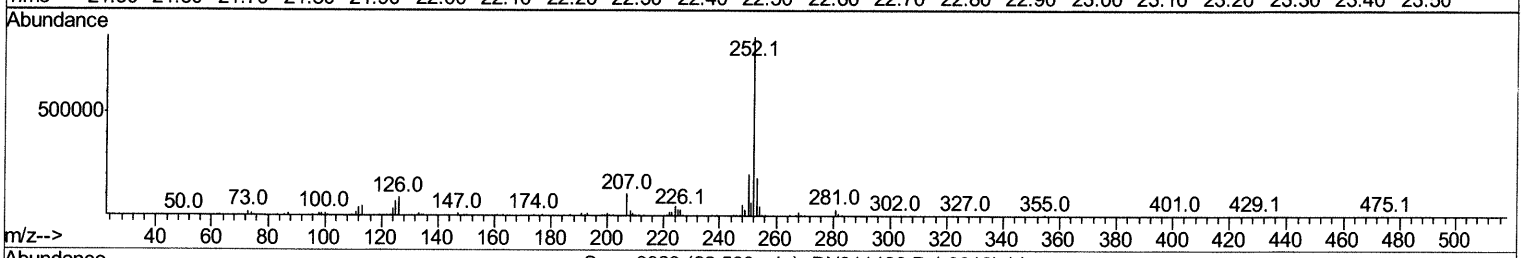
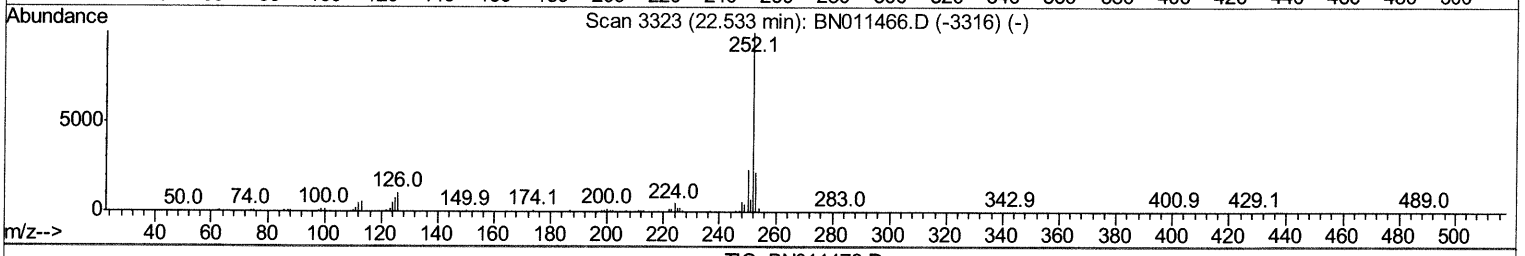
8/19/2020 2:19:34 PM







TIC: BN011476.D

(88) Benzo(b)fluoranthene

22.539min (-0.000) 33.33ng/ul

response 2339180

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	21.54
125.00	8.20	8.33
0.00	0.00	0.00

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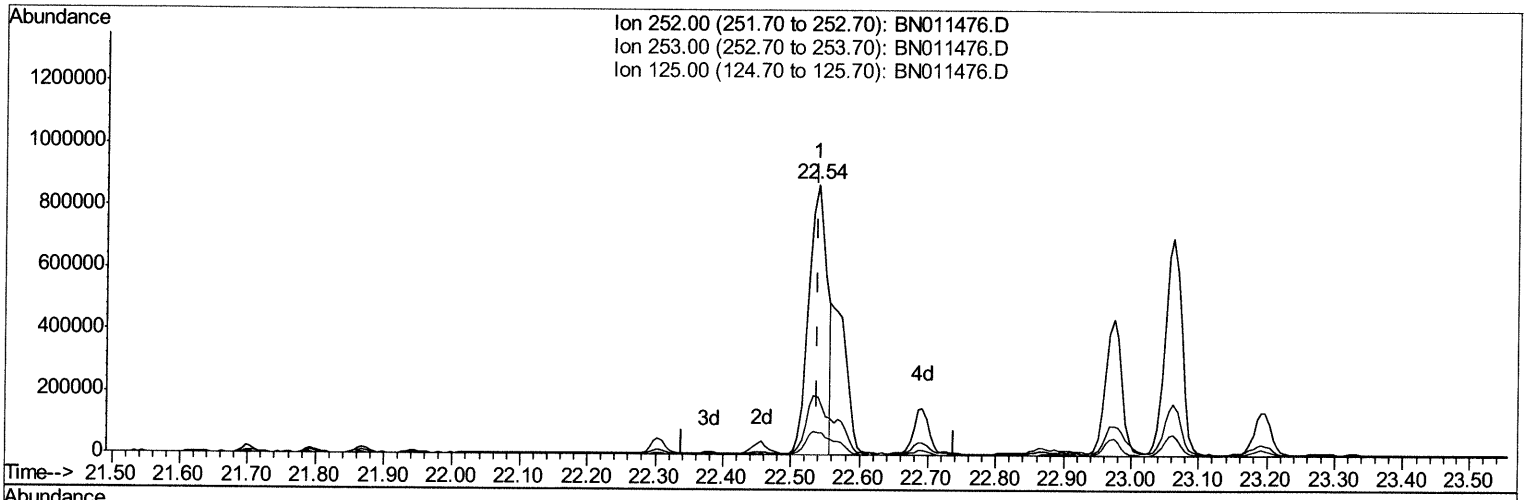
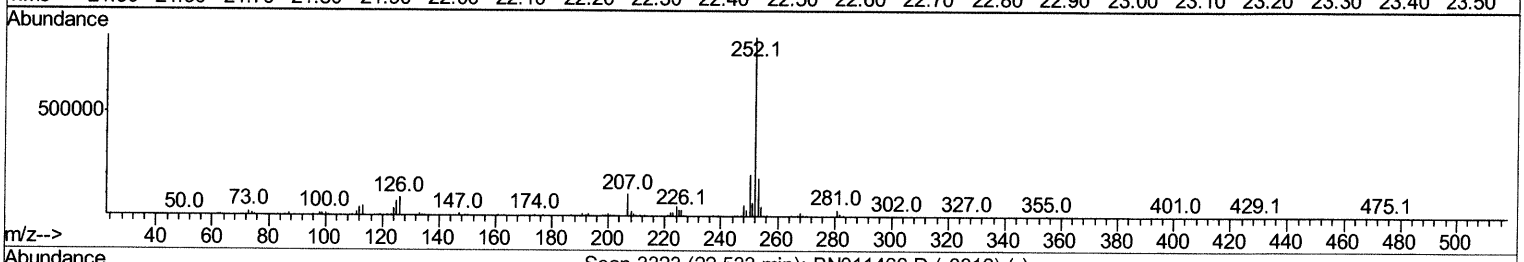
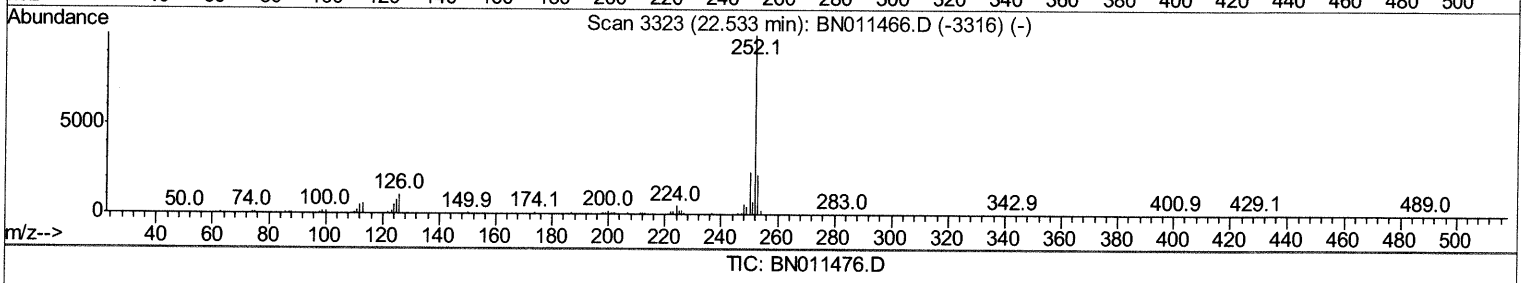
BFMM7DL

Manual Integrations APPROVED
mohammad
8/19/2020 2:19:34 PM







TIC: BN011476.D

(88) Benzo(b)fluoranthene

22.539min (-0.000) 23.51ng/ul m 08/21/20 JU

response 1649728

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	21.54
125.00	8.20	8.33
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN081720\
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Acq On : 18 Aug 2020 07:14
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
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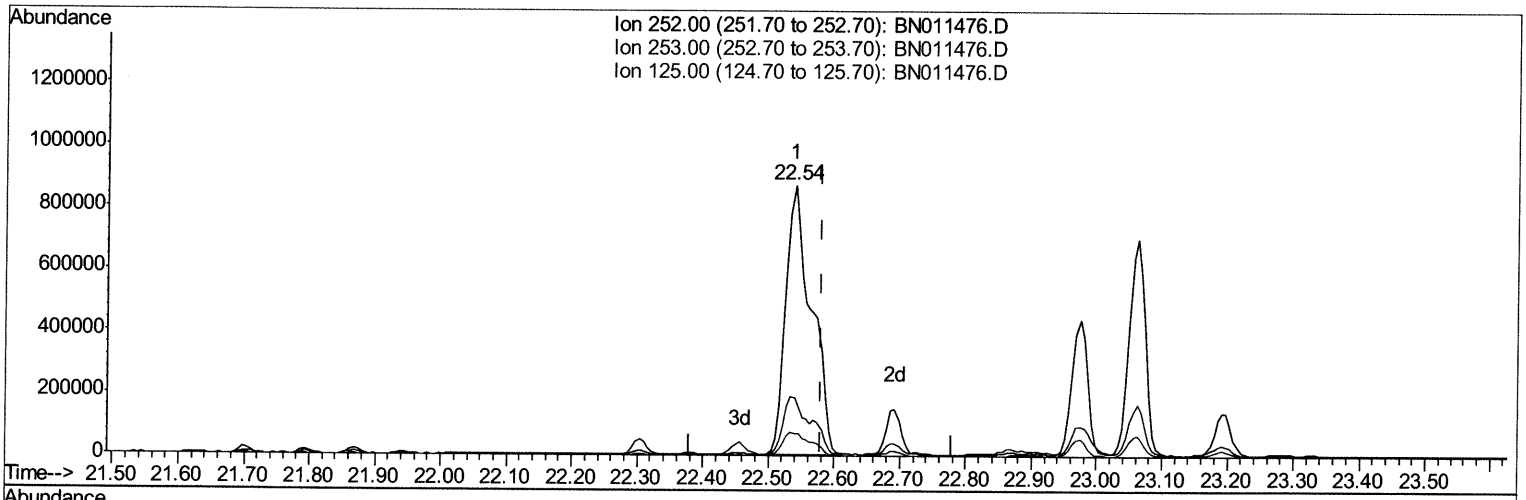
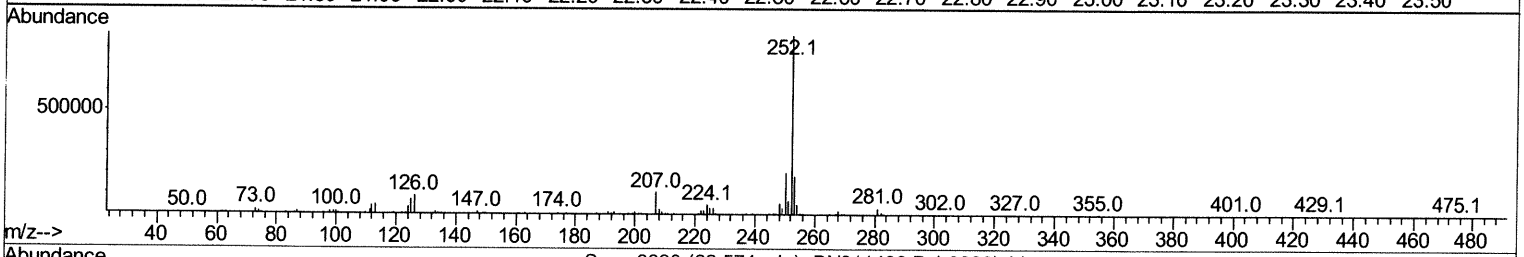
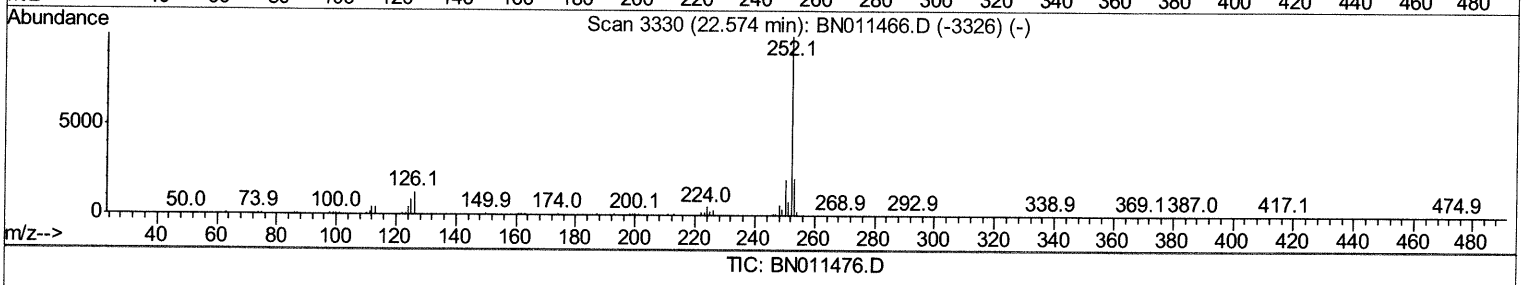
Instrument :
BNA_N
ClientSampleId :
BFMM7DL

Manual Integrations APPROVED
mohammad
8/19/2020 2:19:34 PM







TIC: BN011476.D

(89) Benzo(k)fluoranthene

22.539min (-0.041) 33.56ng/ul

response 2339180

Ion	Exp%	Act%
252.00	100	100
253.00	19.70	21.54
125.00	7.50	8.33
0.00	0.00	0.00

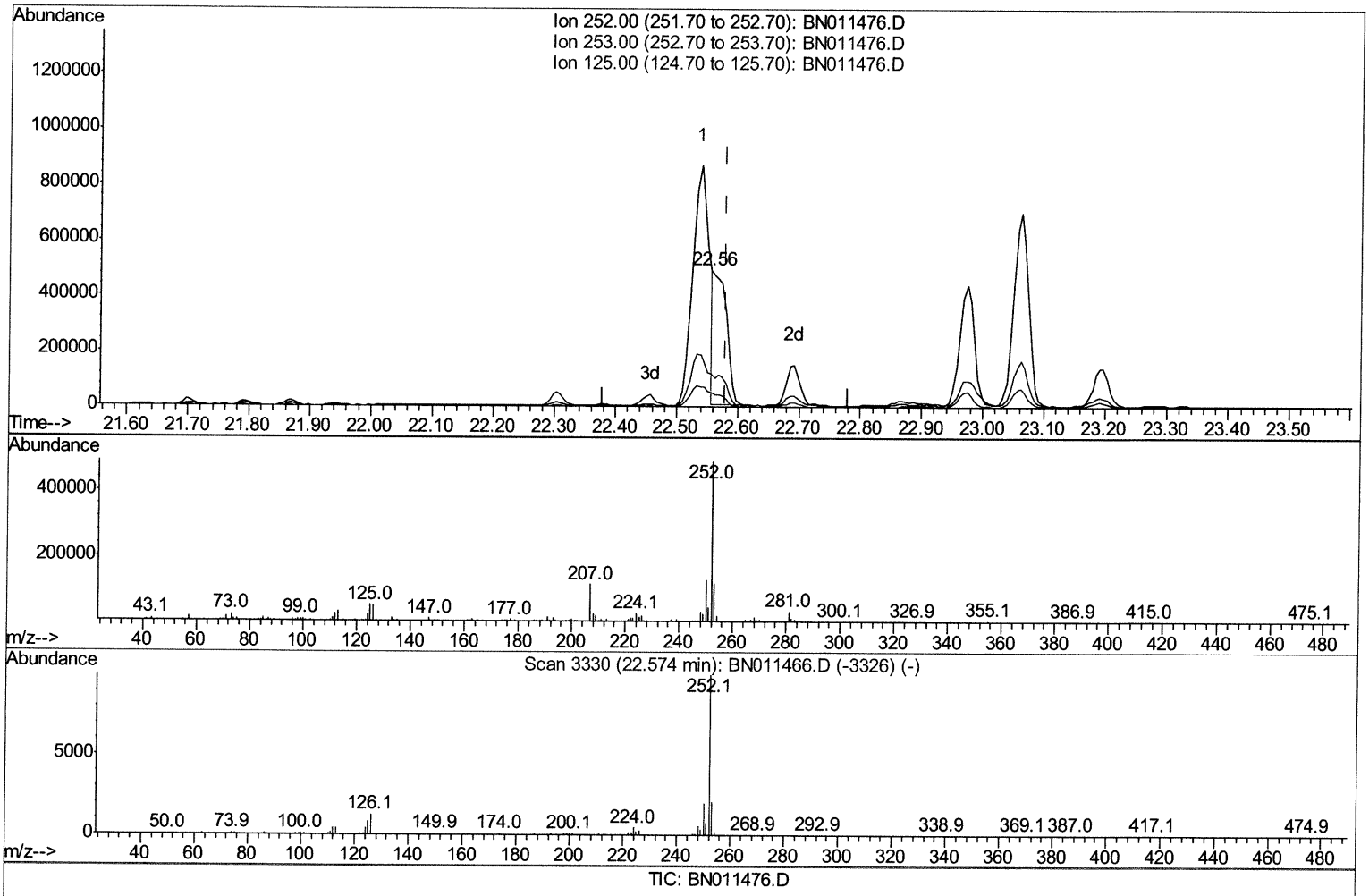
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN081720\
Data File : BN011476.D
Acq On : 18 Aug 2020 07:14
Operator : CG/JU
Sample : L3631-11DL 2X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Aug 18 08:09:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 18 06:41:47 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BFMM7DL

Manual Integrations APPROVED
mohammad
8/19/2020 2:19:34 PM



TIC: BN011476.D

(89) Benzo(k)fluoranthene

22.556min (-0.024) 9.80ng/ul m 08/21/20 JU

response 683435

Ion	Exp%	Act%
252.00	100	100
253.00	19.70	23.82#
125.00	7.50	10.29#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN081720\
Data File : BN011476.D
Acq On : 18 Aug 2020 07:14
Operator : CG/JU
Sample : L3631-11DL 2X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFMM7DL

Manual Integrations APPROVED
mohammad
8/19/2020 2:19:34 PM

Quant Time: Aug 18 08:11:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
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QLast Update : Tue Aug 18 06:41:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	168669	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	680547	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.07	164	397189	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	866156	20.00	ng/ul	0.00
78) Chrysene-d12	21.04	240	989549	20.00	ng/ul	0.00
86) Perylene-d12	23.15	264	1003923	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	3712	1.06	ng/uL	0.00
5) Phenol-d5	6.64	99	66393	5.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	39721	6.53	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	67593	6.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	56209	5.80	ng/ul	0.00
19) Nitrobenzene-d5	8.57	128	30217	5.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	34791	5.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	69380	6.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	71339	5.32	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	238552	7.71	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	257040	6.91	ng/ul	0.00
52) 4-Nitrophenol-d4	14.30	143	20754	3.96	ng/ul	0.00
58) Fluorene-d10	15.07	176	208848	7.71	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.21	200	18871	3.29	ng/ul	0.00
71) Anthracene-d10	16.92	188	293808	7.10	ng/ul	0.00
79) Pyrene-d10	19.23	212	363411	7.15	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.02	264	383160	6.87	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	13.54	163	40874	1.288	ng/ul	99
50) Acenaphthene	14.13	153	33751	1.251	ng/ul	94
54) Dibenzofuran	14.47	168	54526	1.393	ng/ul	99
59) Fluorene	15.13	166	61810	1.960	ng/ul	95
70) Phenanthrene	16.87	178	2341603	45.579	ng/ul	98
72) Anthracene	16.96	178	540968	10.396	ng/ul	97
75) Carbazole	17.23	167	302033	6.902	ng/ul	99
77) Fluoranthene	18.90	202	3374671	53.681	ng/ul	99
80) Pyrene	19.26	202	3031232	43.530	ng/ul	99
83) Benzo(a)anthracene	21.03	228	1905364	28.942	ng/ul	97
85) Chrysene	21.08	228	1742422	26.646	ng/ul	96
88) Benzo(b)fluoranthene	22.54	252	1649728m	23.505	ng/ul	98
89) Benzo(k)fluoranthene	22.56	252	683435m	9.805	ng/ul	98
91) Benzo(a)pyrene	23.06	252	1203494	18.611	ng/ul	95
92) Indeno(1,2,3-cd)pyrene	25.20	276	651372	7.859	ng/ul	97
93) Dibenzo(a,h)anthracene	25.20	278	225726	3.253	ng/ul#	82
94) Benzo(g,h,i)perylene	25.82	276	471303	6.859	ng/ul	96

08/21/20 JU

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