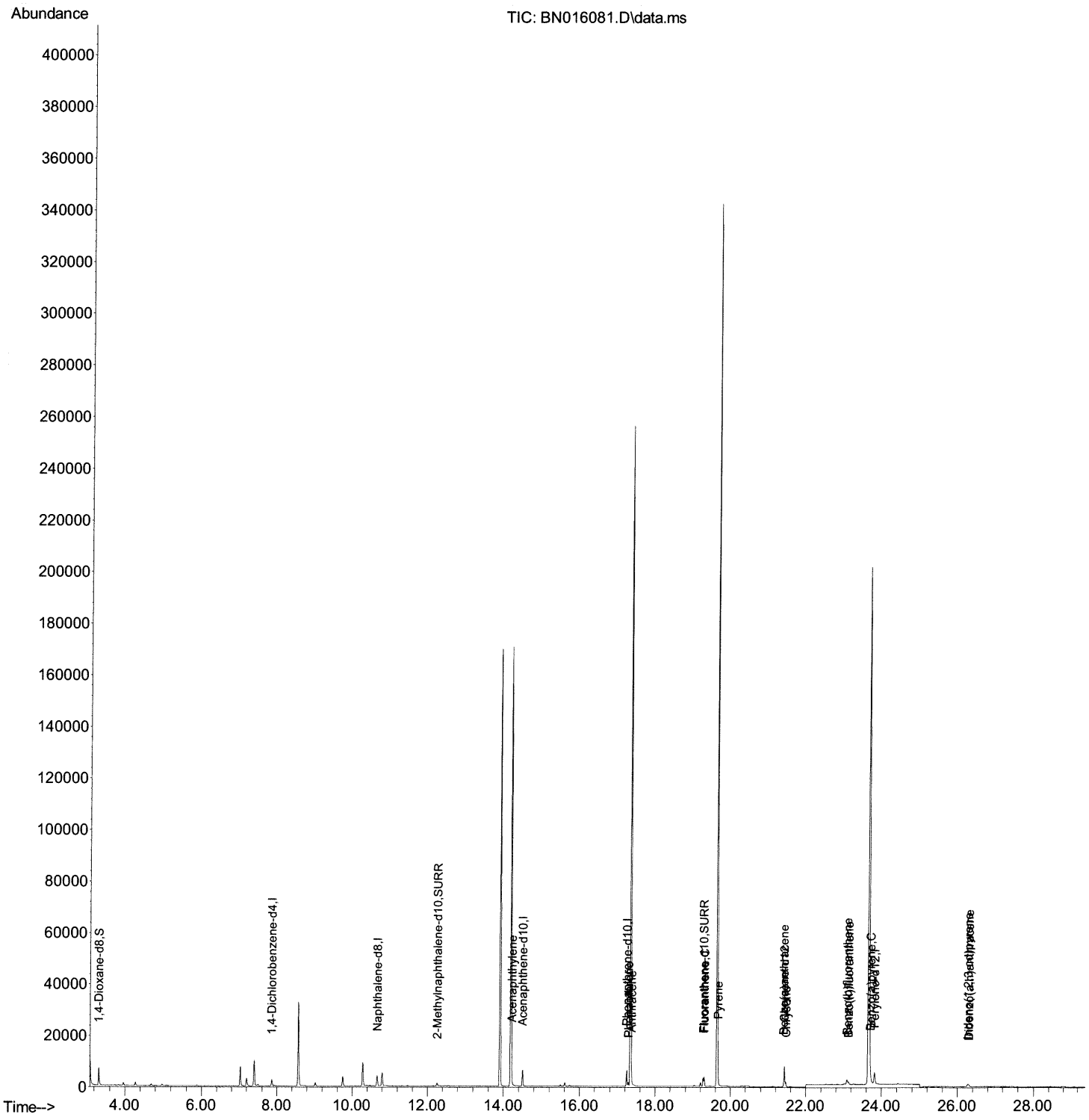
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082621\
Data File : BN016081.D
Acq On : 26 Aug 2021 22:08
Operator : CG/JU
Sample : M3458-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 27 03:30:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN082621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 26 11:35:43 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AR2

Manual Integrations APPROVED
mohammad
8/27/2021 5:10:01 PM



Quantitation Report (Qedit)

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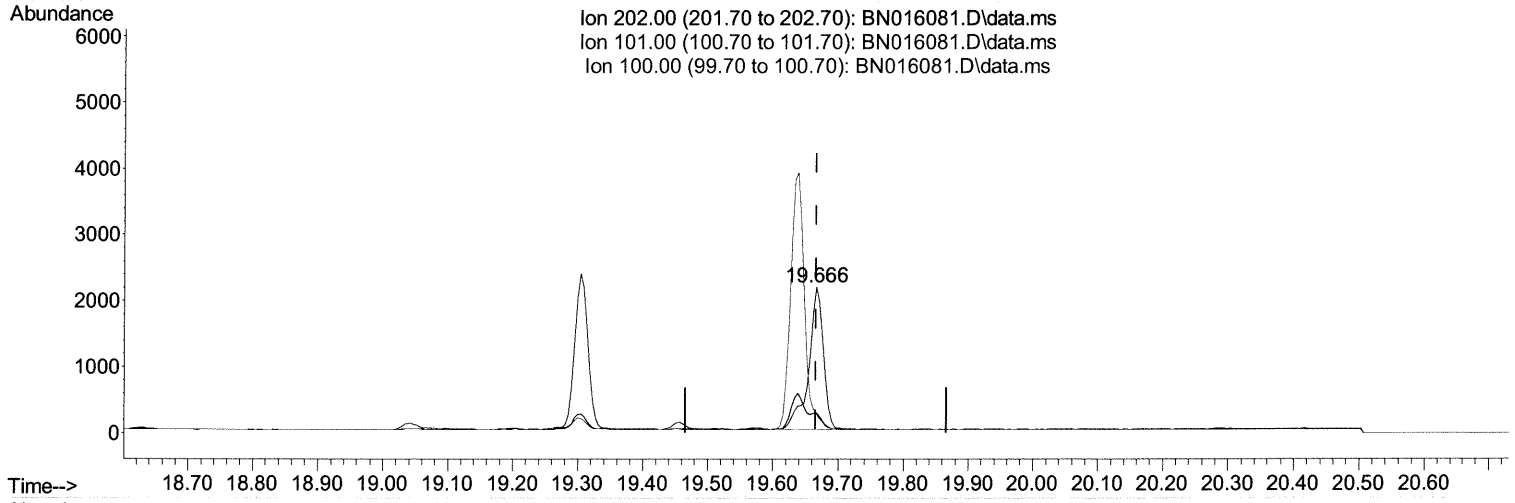

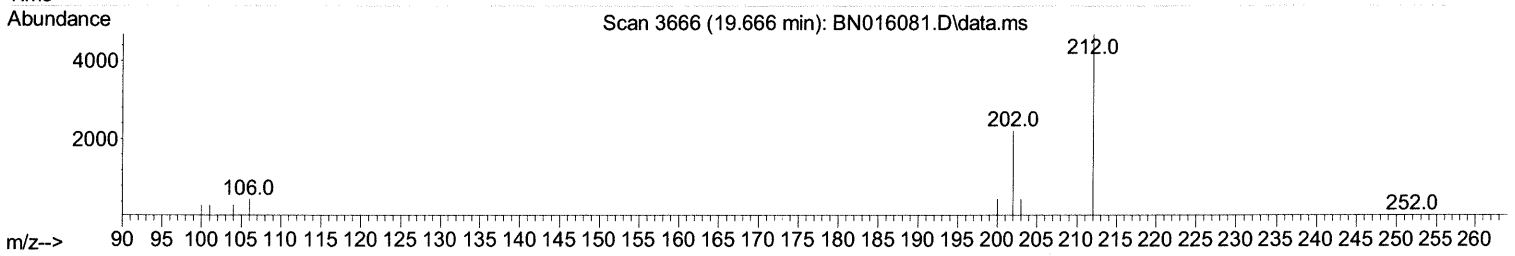

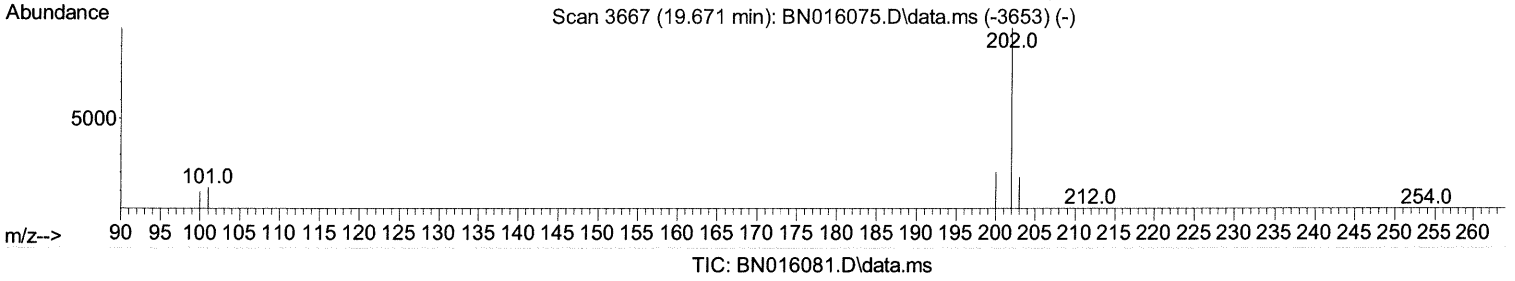

TIC: BN016081.D\data.ms

(20) Pyrene

19.666min (+ 0.000) 0.15 ng/ul

response 3375

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.50	14.10
100.00	10.50	13.74#
0.00	0.00	0.00

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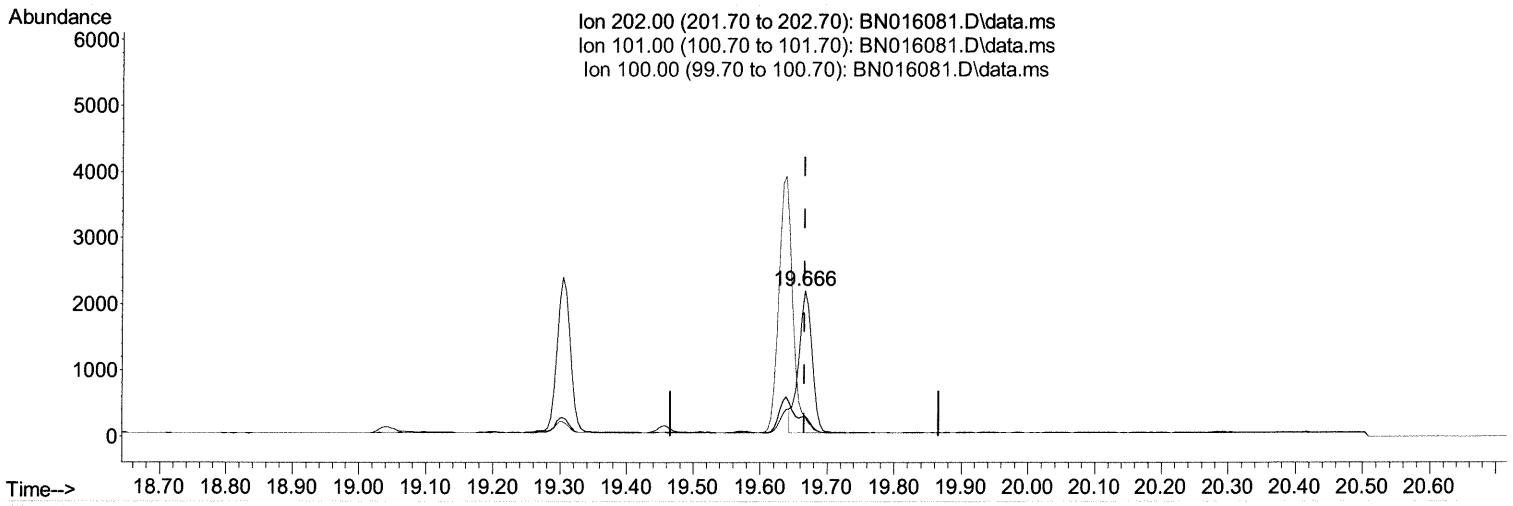
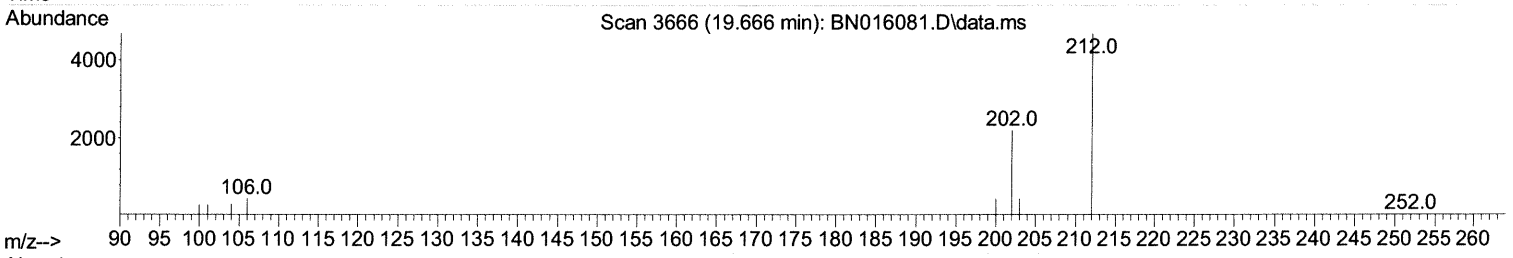
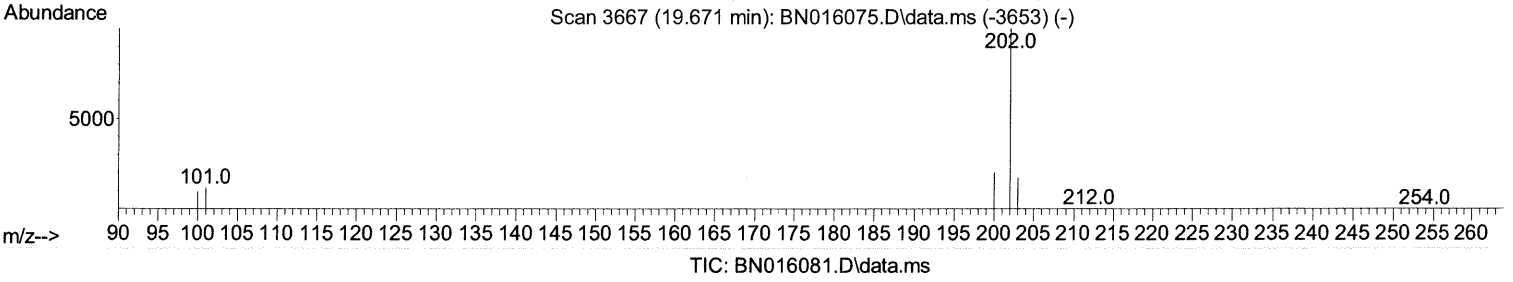
Manual Integrations APPROVED
mohammad
8/27/2021 5:10:01 PM







TIC: BN016081.D\data.ms

(20) Pyrene

19.666min (+ 0.000) 0.13 ng/ul m 08/30/21 JU

response 3018

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.50	14.10
100.00	10.50	13.74#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082621\
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Operator : CG/JU
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ClientSampleId :
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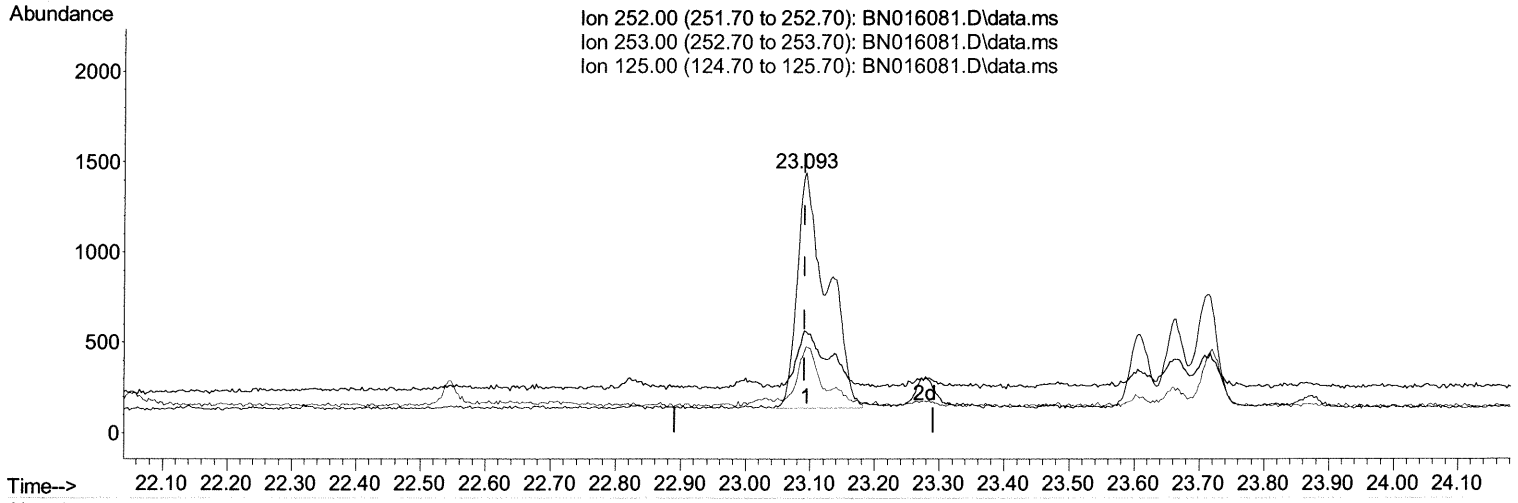
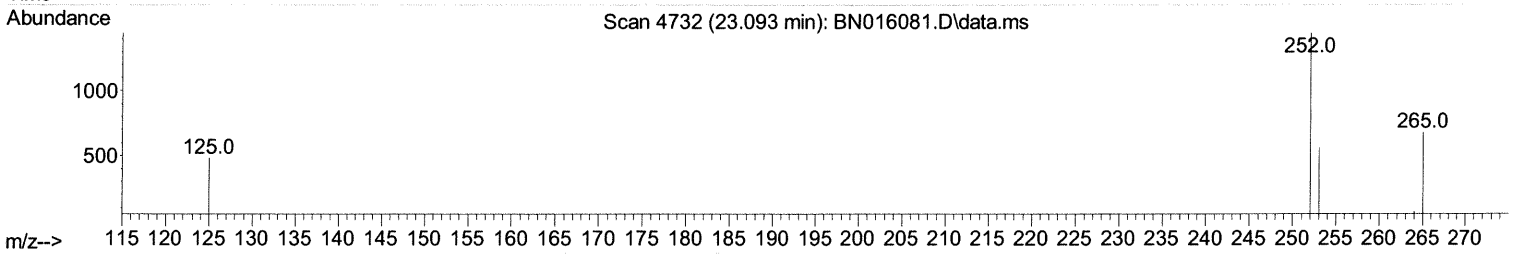
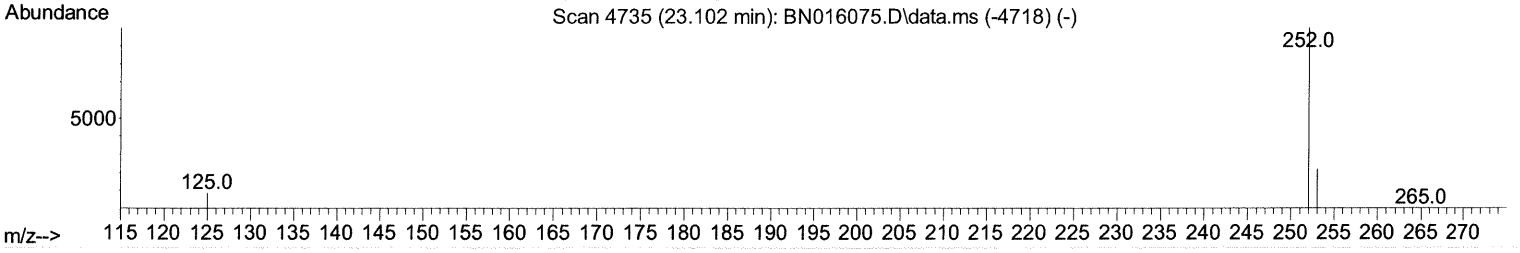
Manual Integrations APPROVED
mohammad
8/27/2021 5:10:01 PM







TIC: BN016081.D\data.ms

(24) Benzo(b)fluoranthene

23.093min (+ 0.003) 0.17 ng/ul

response 4236

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.30	38.86
125.00	10.80	33.24#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082621\
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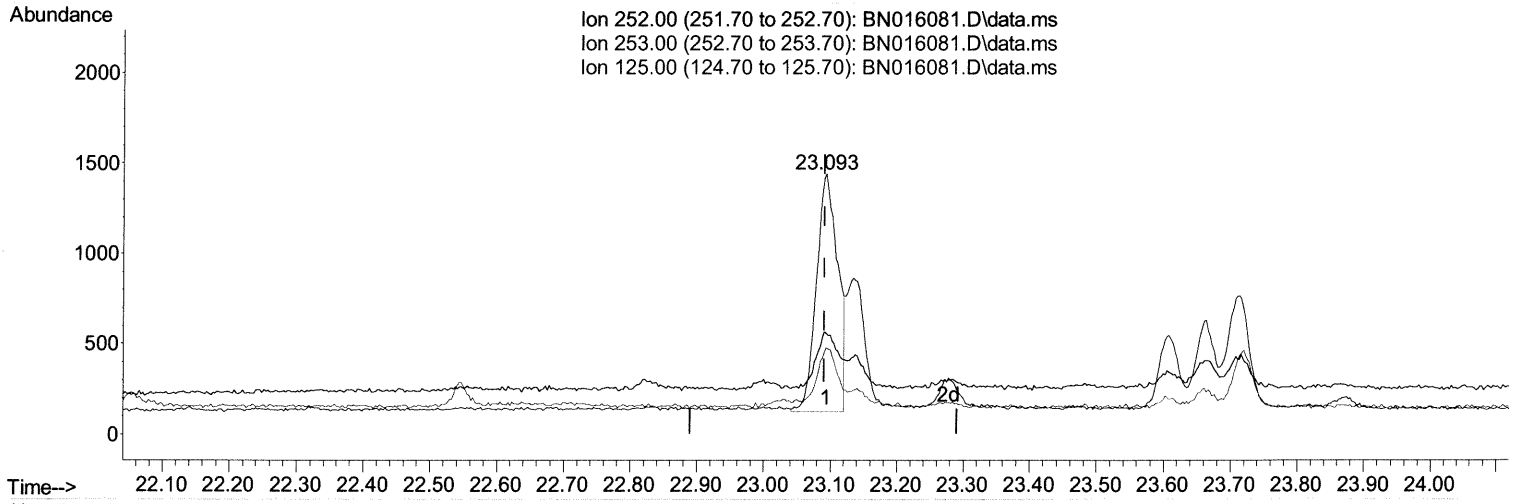
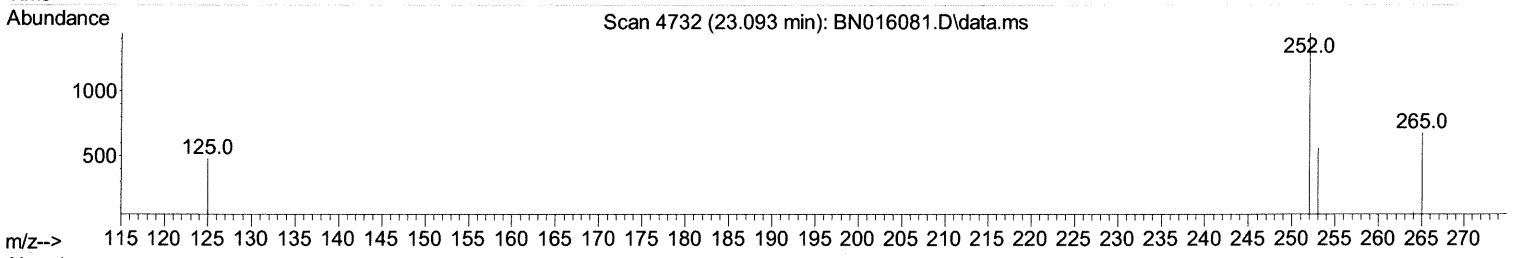
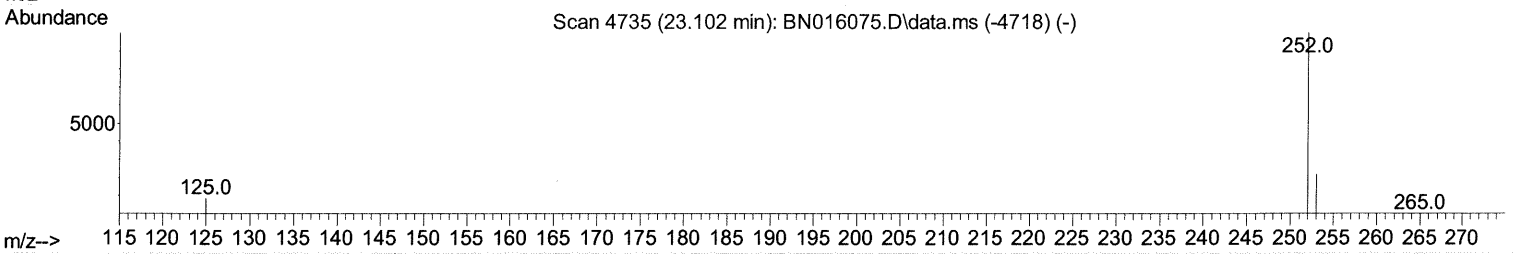
Manual Integrations APPROVED
mohammad
8/27/2021 5:10:01 PM







TIC: BN016081.D\data.ms

(24) Benzo(b)fluoranthene

23.093min (+ 0.003) 0.12 ng/ul m 08/30/21 JU

response 2918

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.30	38.86
125.00	10.80	33.24#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082621\
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Misc :
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Instrument :
BNA_N
ClientSampleId :
C0AR2

Manual Integrations APPROVED
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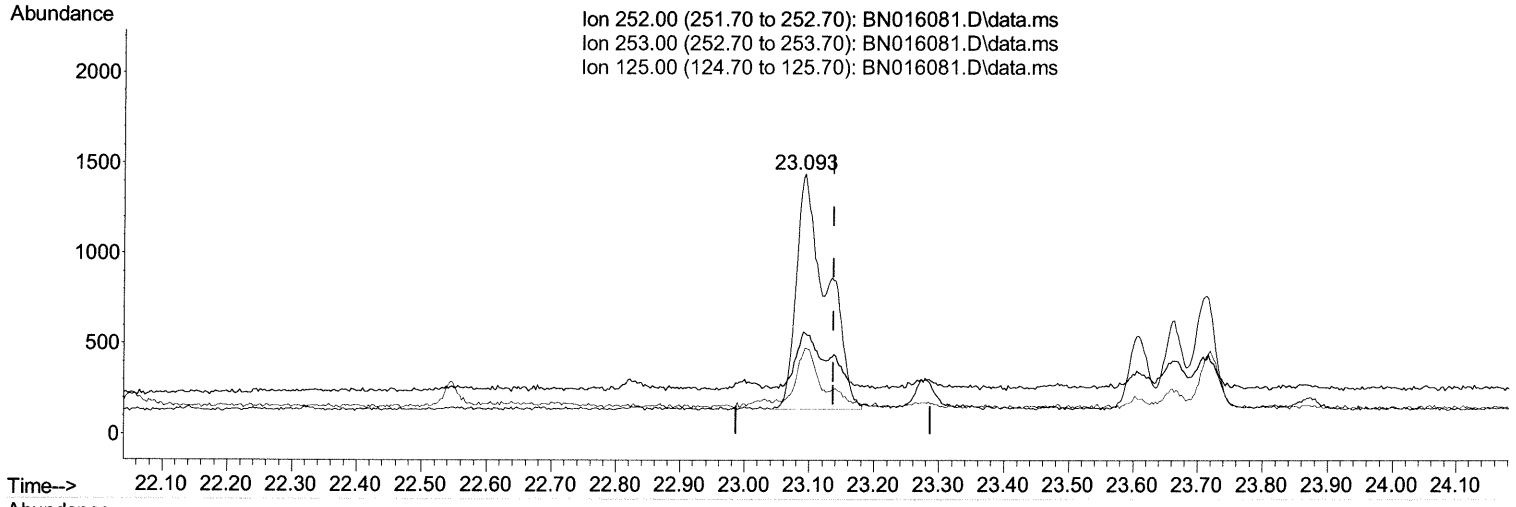

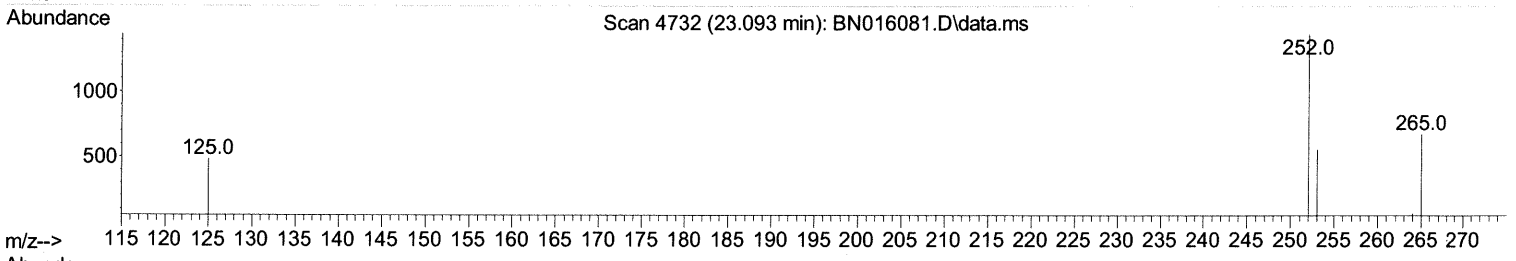

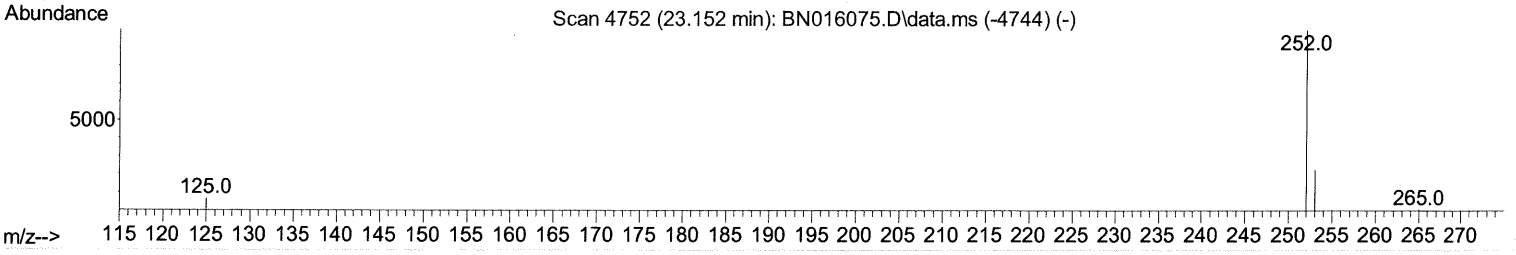

TIC: BN016081.D\data.ms

(25) Benzo(k)fluoranthene

23.093min (-0.044) 0.17 ng/ul

response 4236

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.90	38.86#
125.00	10.30	33.24#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
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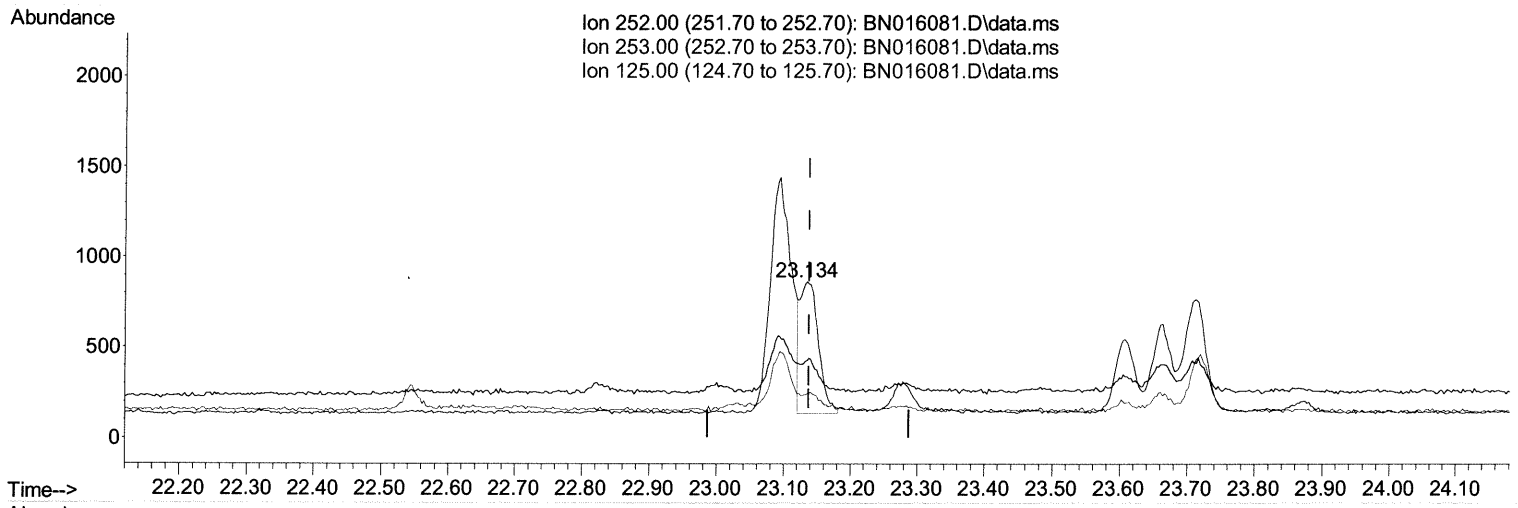
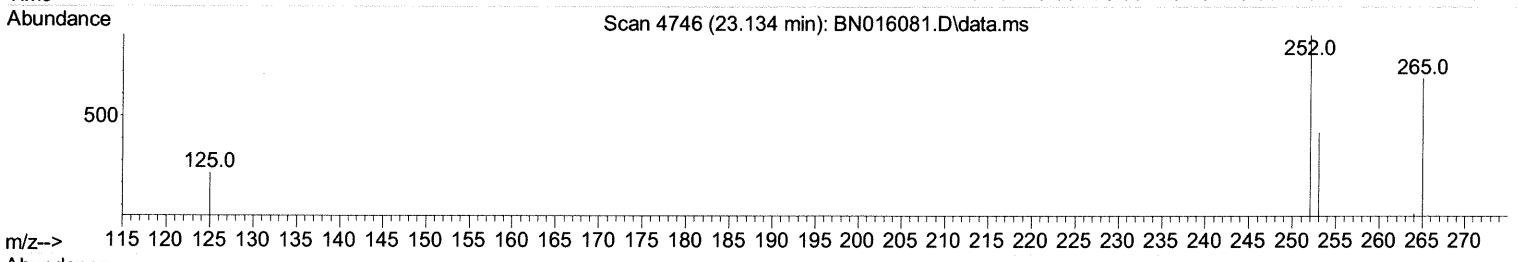
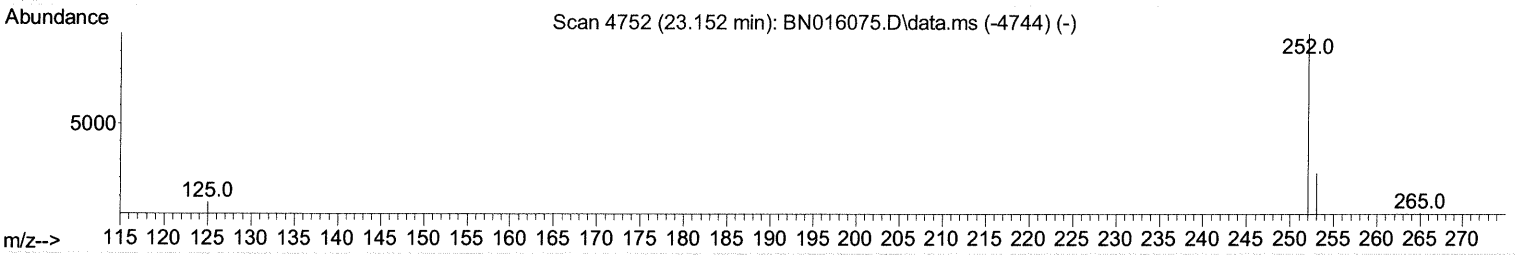
Manual Integrations APPROVED
mohammad
8/27/2021 5:10:01 PM







TIC: BN016081.D\data.ms

(25) Benzo(k)fluoranthene

23.134min (-0.003) 0.05 ng/ul m 08/30/21 JU

response 1392

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.90	49.31#
125.00	10.30	28.36#
0.00	0.00	0.00

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Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.867	152	1314	0.400	ng/ul	0.00
4) Naphthalene-d8	10.667	136	5674	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.502	164	3579	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.246	188	7486	0.400	ng/ul	0.00
17) Chrysene-d12	21.430	240	7313	0.400	ng/ul	0.00
23) Perylene-d12	23.819	264	6795	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	4830	2.713	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.256	152	1455	0.170	ng/ul	0.00
18) Fluoranthene-d10	19.276	212	3847	0.195	ng/ul	0.00
Target Compounds						Qvalue
10) Acenaphthylene	14.219	152	577	0.046	ng/ul#	79
15) Phenanthrene	17.289	178	1694	0.082	ng/ul#	92
16) Anthracene	17.377	178	364	0.020	ng/ul#	63
19) Fluoranthene	19.304	202	3362	0.147	ng/ul	97
20) Pyrene	19.666	202	3018m	0.131	ng/ul	08/30/21 JU
21) Benzo(a)anthracene	21.416	228	1372	0.060	ng/ul#	88
22) Chrysene	21.468	228	1990	0.081	ng/ul	94
24) Benzo(b)fluoranthene	23.093	252	2918m	0.115	ng/ul	08/30/21 JU
25) Benzo(k)fluoranthene	23.134	252	1392m	0.054	ng/ul	
26) Benzo(a)pyrene	23.713	252	1323	0.062	ng/ul#	31
27) Indeno(1,2,3-cd)pyrene	26.283	276	1828	0.065	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.303	278	710	0.030	ng/ul#	36

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