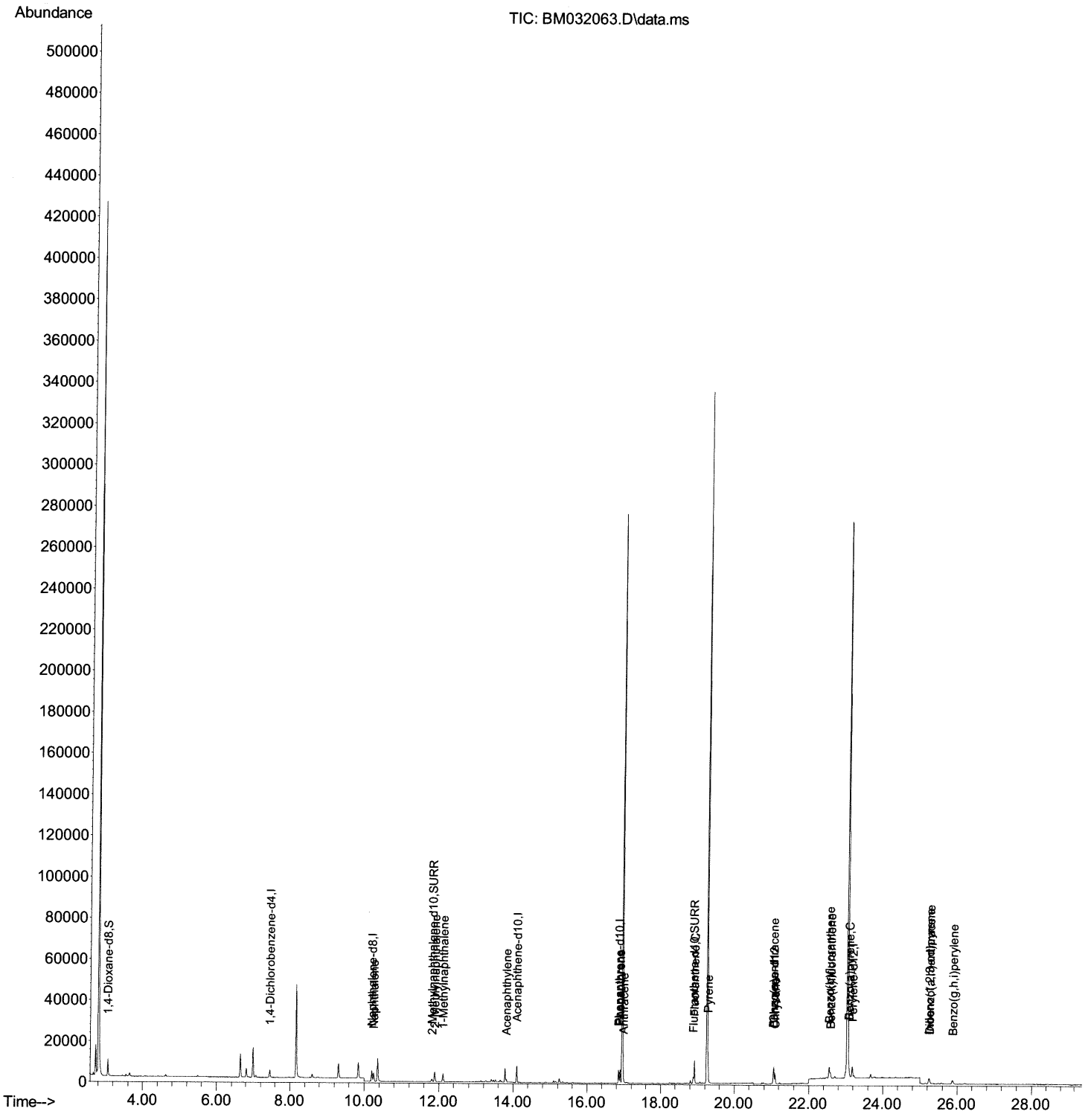
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090321\
Data File : BM032063.D
Acq On : 04 Sep 2021 05:36
Operator : CG/JU
Sample : M3486-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Sep 04 06:15:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM090321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 03 16:21:27 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AR9

Manual Integrations APPROVED
mohammad
9/7/2021 11:38:07 AM



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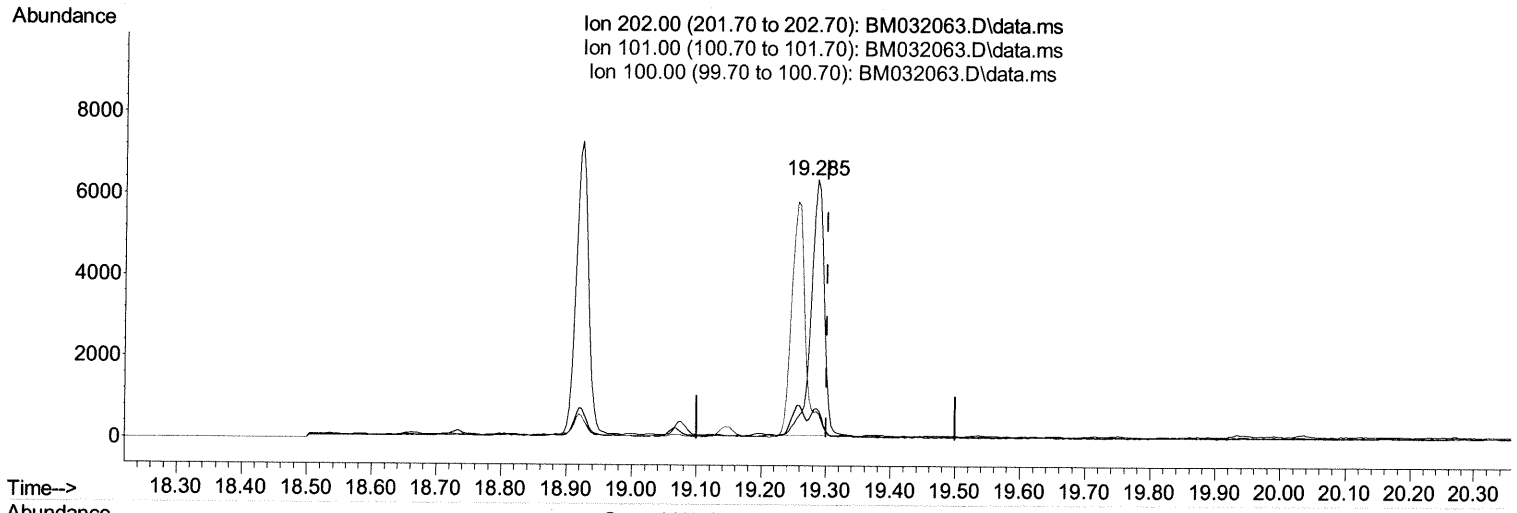

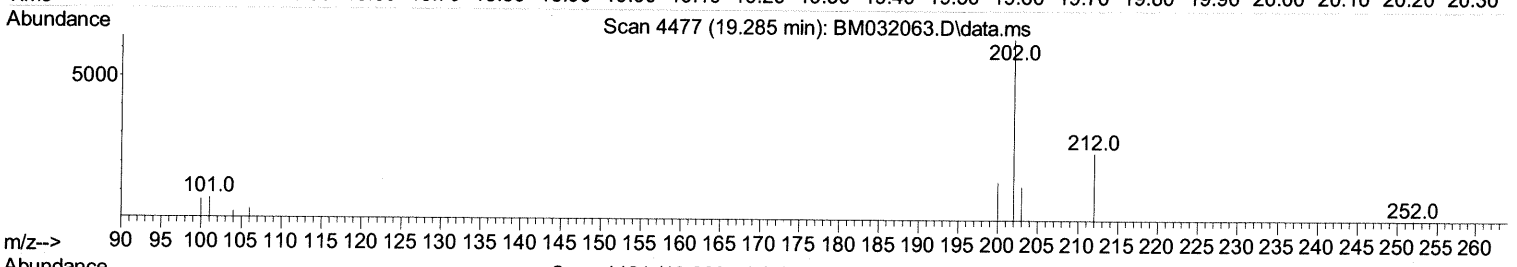

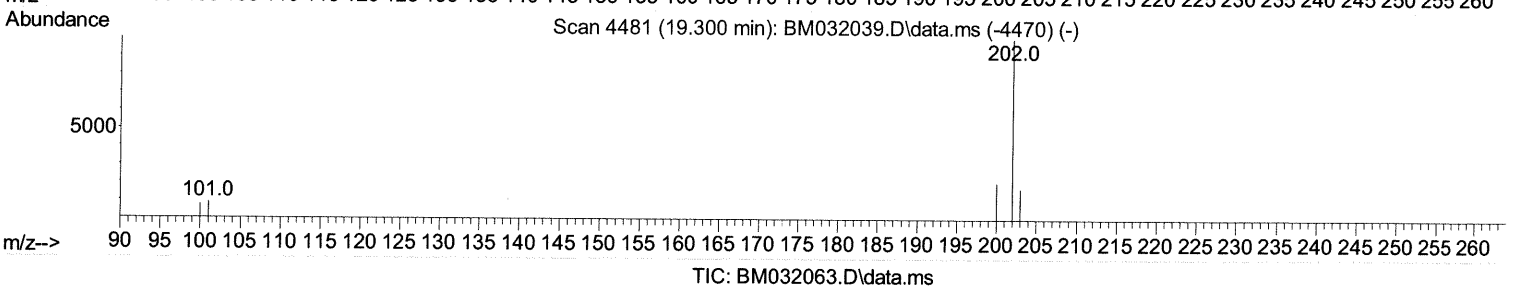

(20) Pyrene

19.285min (-0.015) 0.35 ng/ul

response 9059

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	10.30	11.87
100.00	8.80	10.75#
0.00	0.00	0.00

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mohammad
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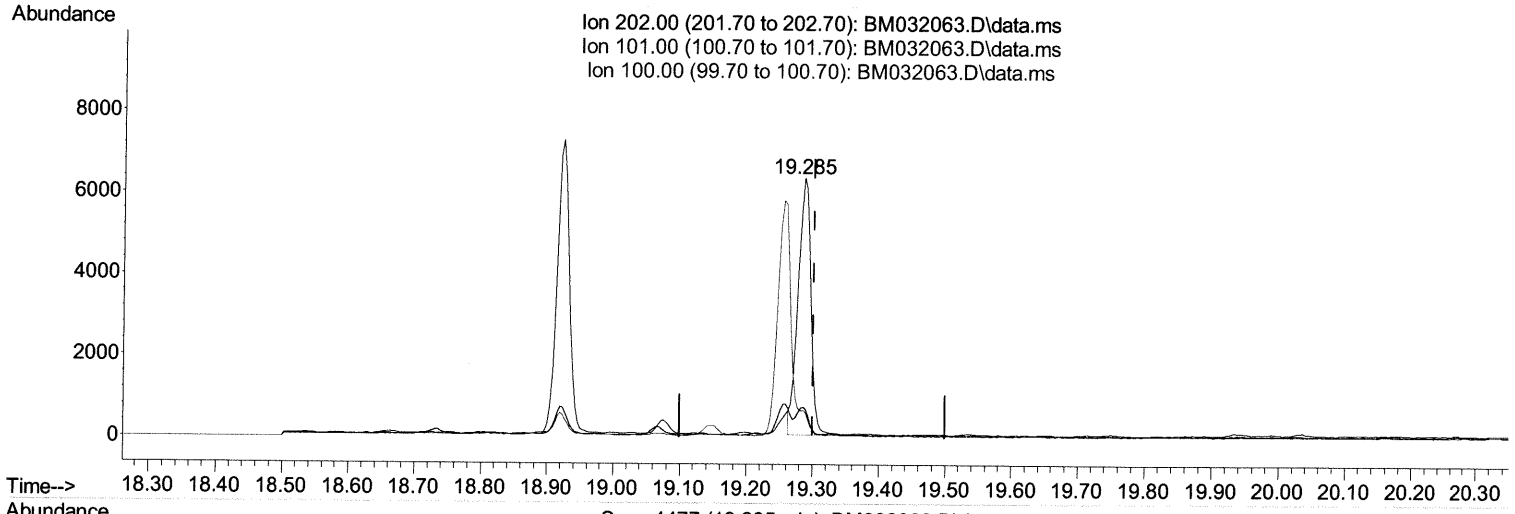

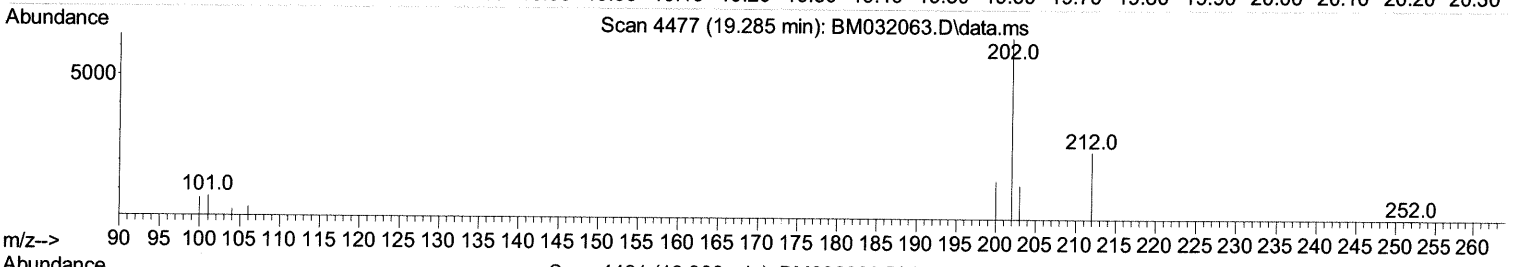

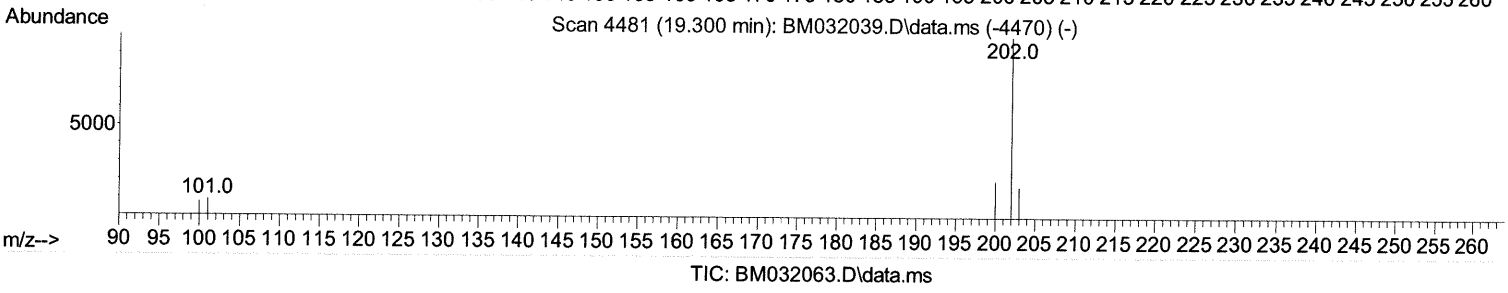

TIC: BM032063.D\data.ms

(20) Pyrene

19.285min (-0.015) 0.33 ng/ul m 09/08/21 JU

response 8627

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	10.30	11.87
100.00	8.80	10.75#
0.00	0.00	0.00

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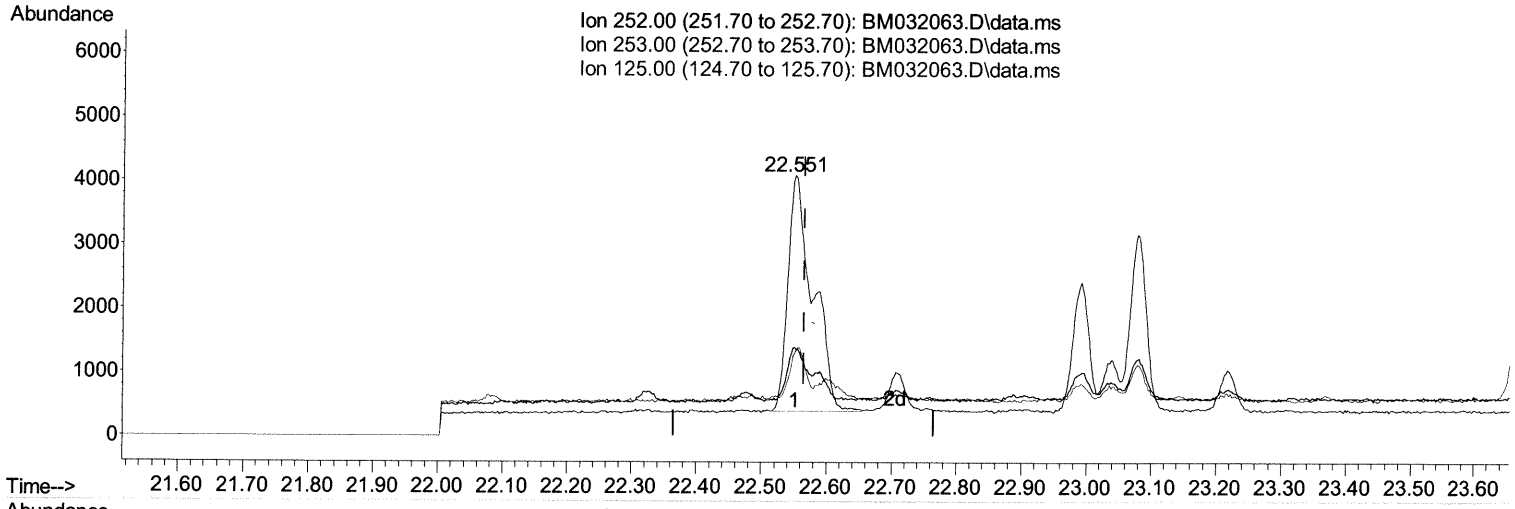

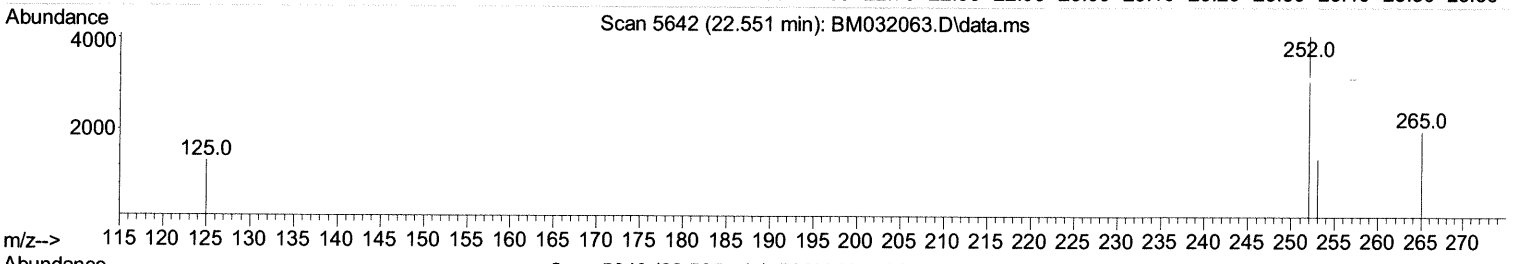

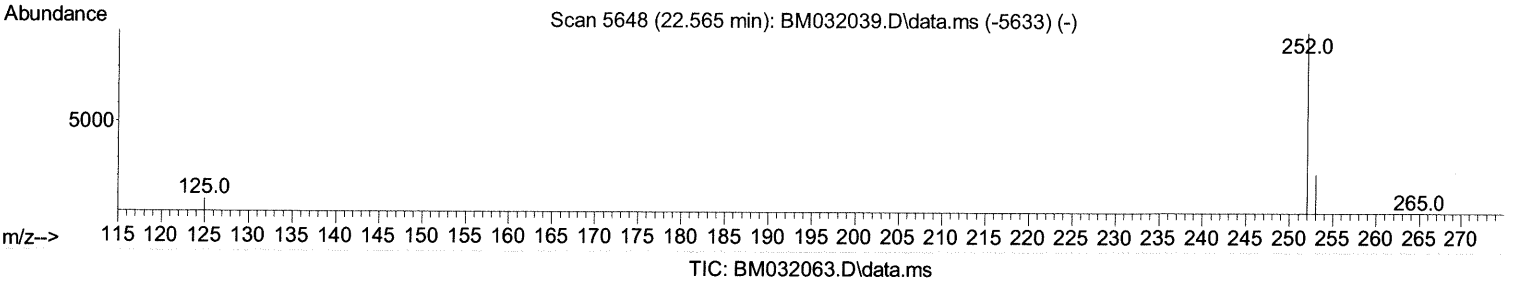

TIC: BM032063.D\data.ms

(24) Benzo(b)fluoranthene

22.551min (-0.014) 0.32 ng/ul

response 9938

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.50	34.09
125.00	14.20	31.86#
0.00	0.00	0.00

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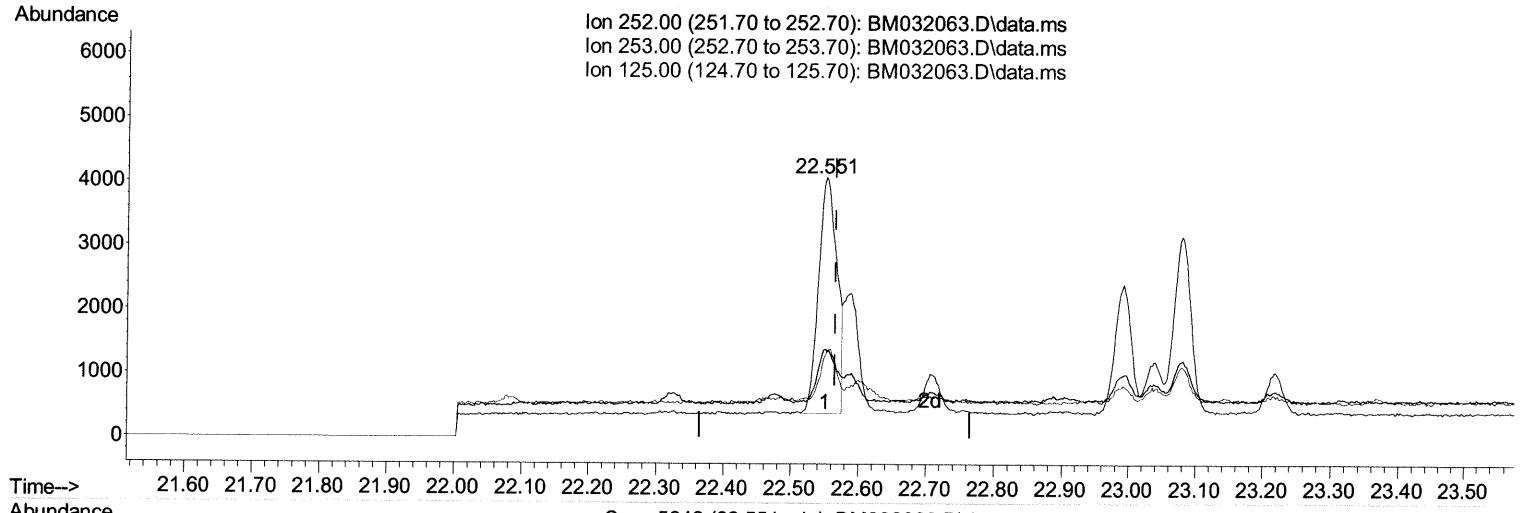
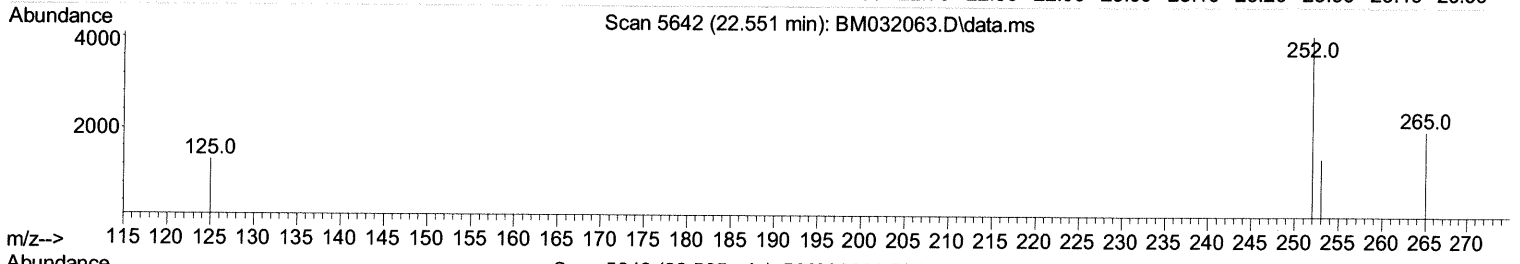
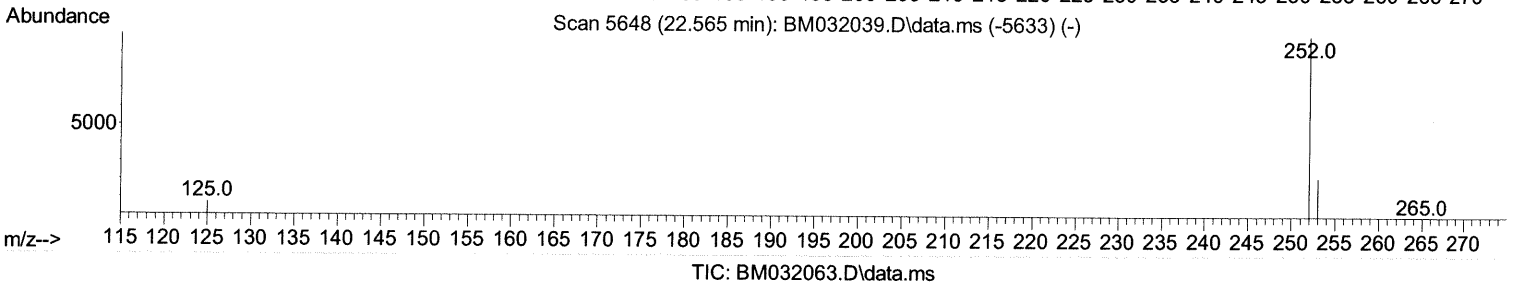
Manual Integrations APPROVED
mohammad
9/7/2021 11:38:07 AM







TIC: BM032063.D\data.ms

(24) Benzo(b)fluoranthene

22.551min (-0.014) 0.22 ng/ul m 09/08/21JU

response 7015

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.50	34.09
125.00	14.20	31.86#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Instrument :
BNA_M
ClientSampleId :
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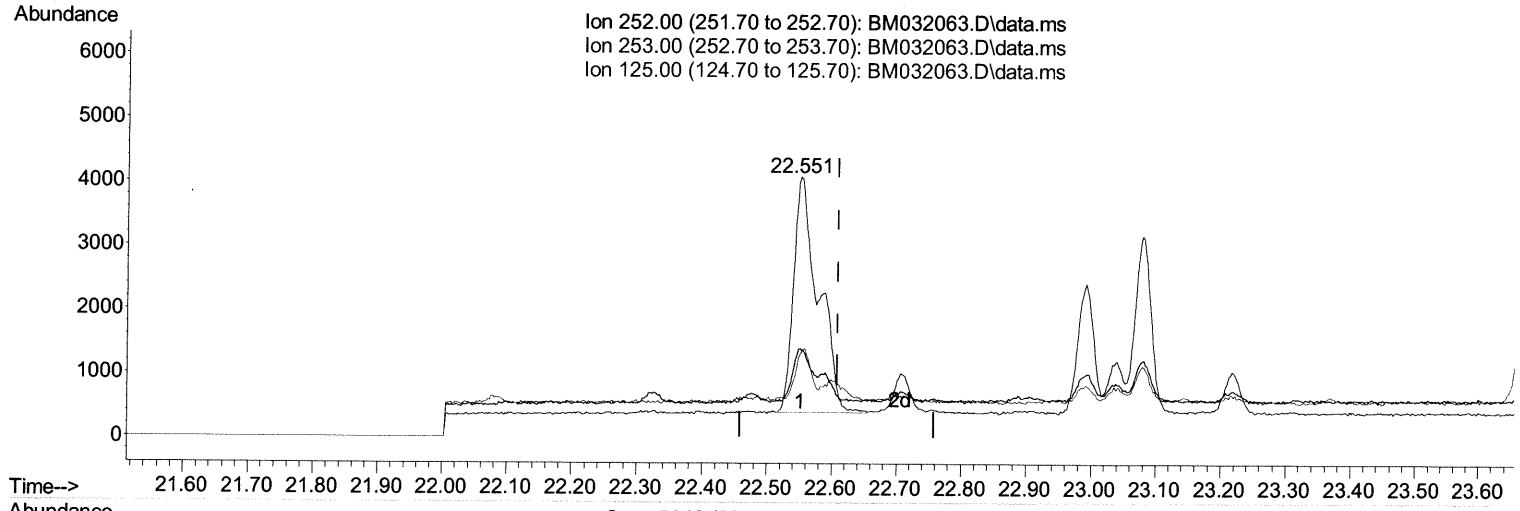
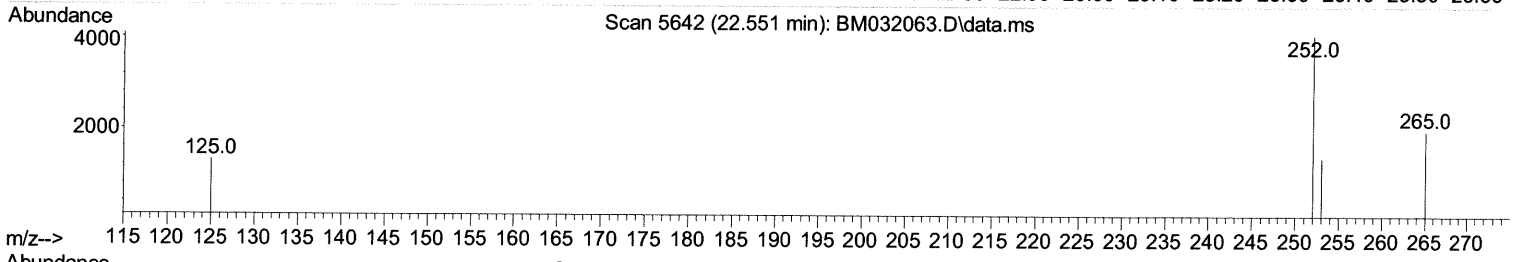
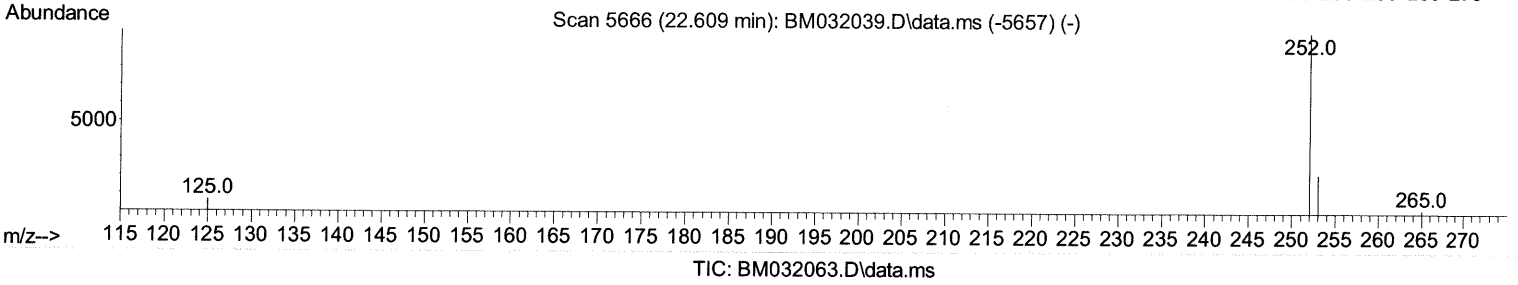
Manual Integrations APPROVED
mohammad
9/7/2021 11:38:07 AM







TIC: BM032063.D\data.ms

(25) Benzo(k)fluoranthene

22.551min (-0.058) 0.31 ng/ul

response 9938

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.50	34.09
125.00	13.70	31.86#
0.00	0.00	0.00

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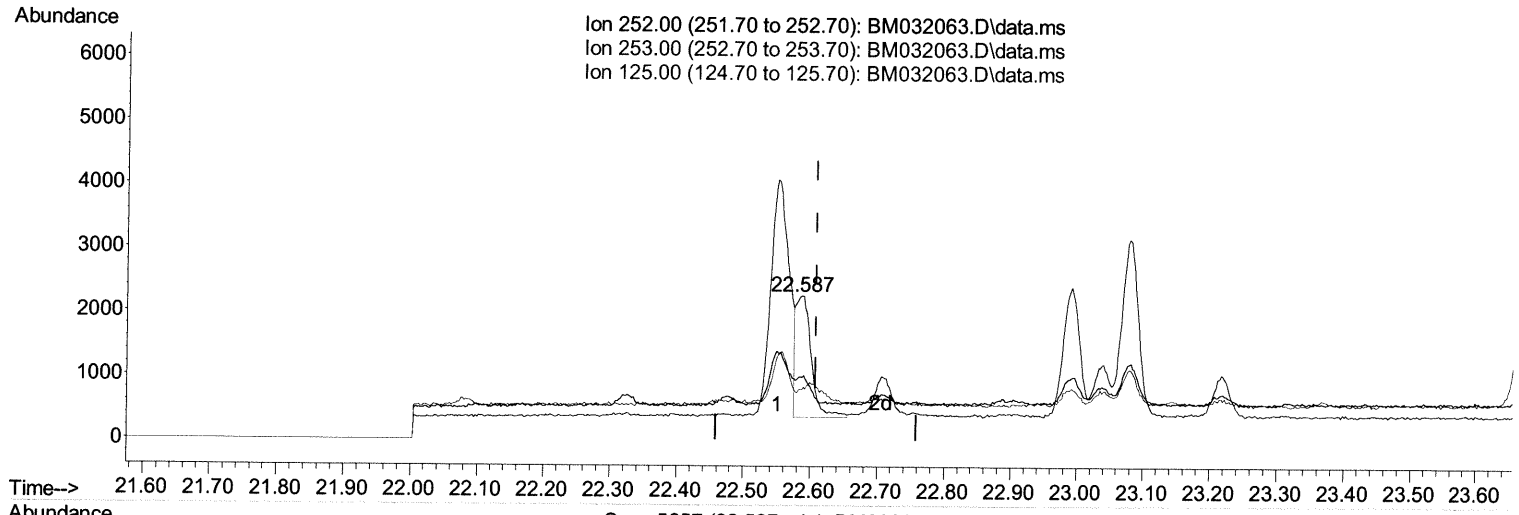
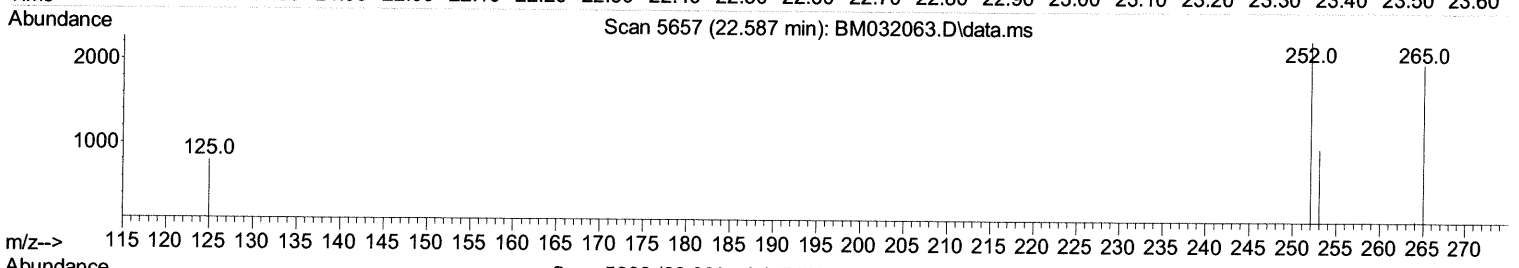
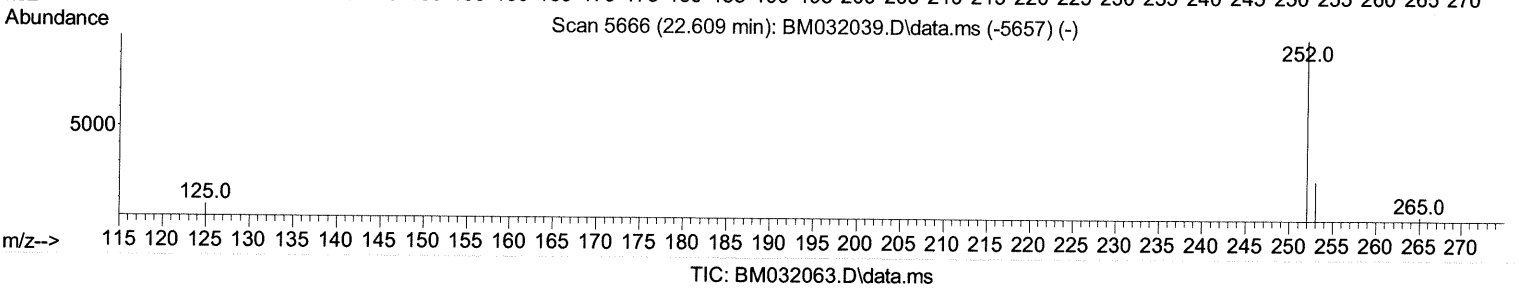
mohammad
9/7/2021 11:38:07 AM







TIC: BM032063.D\data.ms

(25) Benzo(k)fluoranthene

22.587min (-0.022) 0.10 ng/ul m 09/08/21 JU

response 3062

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.50	43.44#
125.00	13.70	35.14#
0.00	0.00	0.00

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Manual Integrations APPROVED
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9/7/2021 11:38:07 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.452	152	2047	0.400	ng/ul	0.00
4) Naphthalene-d8	10.208	136	7152	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.095	164	4175	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.855	188	7558	0.400	ng/ul	-0.01
17) Chrysene-d12	21.059	240	5877	0.400	ng/ul	#-0.01
23) Perylene-d12	23.173	264	6785	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.061	96	5422	2.412	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.809	152	1888	0.171	ng/ul	-0.01
18) Fluoranthene-d10	18.892	212	3503	0.203	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.253	128	5620	0.296	ng/ul	98
7) 2-Methylnaphthalene	11.885	142	3801	0.287	ng/ul	98
8) 1-Methylnaphthalene	12.106	142	3088	0.237	ng/ul	99
10) Acenaphthylene	13.815	152	1112	0.066	ng/ul#	87
15) Phenanthrene	16.893	178	6763	0.294	ng/ul	99
16) Anthracene	16.987	178	742	0.037	ng/ul#	76
19) Fluoranthene	18.923	202	9558	0.376	ng/ul	98
20) Pyrene	19.285	202	8627m	0.330	ng/ul	09/08/21 JU
21) Benzo(a)anthracene	21.045	228	3903	0.182	ng/ul	95
22) Chrysene	21.095	228	4938	0.200	ng/ul	96
24) Benzo(b)fluoranthene	22.551	252	7015m	0.225	ng/ul	09/08/21 JU
25) Benzo(k)fluoranthene	22.587	252	3062m	0.095	ng/ul	
26) Benzo(a)pyrene	23.079	252	4833	0.177	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	25.240	276	4116	0.111	ng/ul#	85
28) Dibenzo(a,h)anthracene	25.250	278	1054	0.035	ng/ul#	12
29) Benzo(g,h,i)perylene	25.872	276	3733	0.113	ng/ul#	84

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