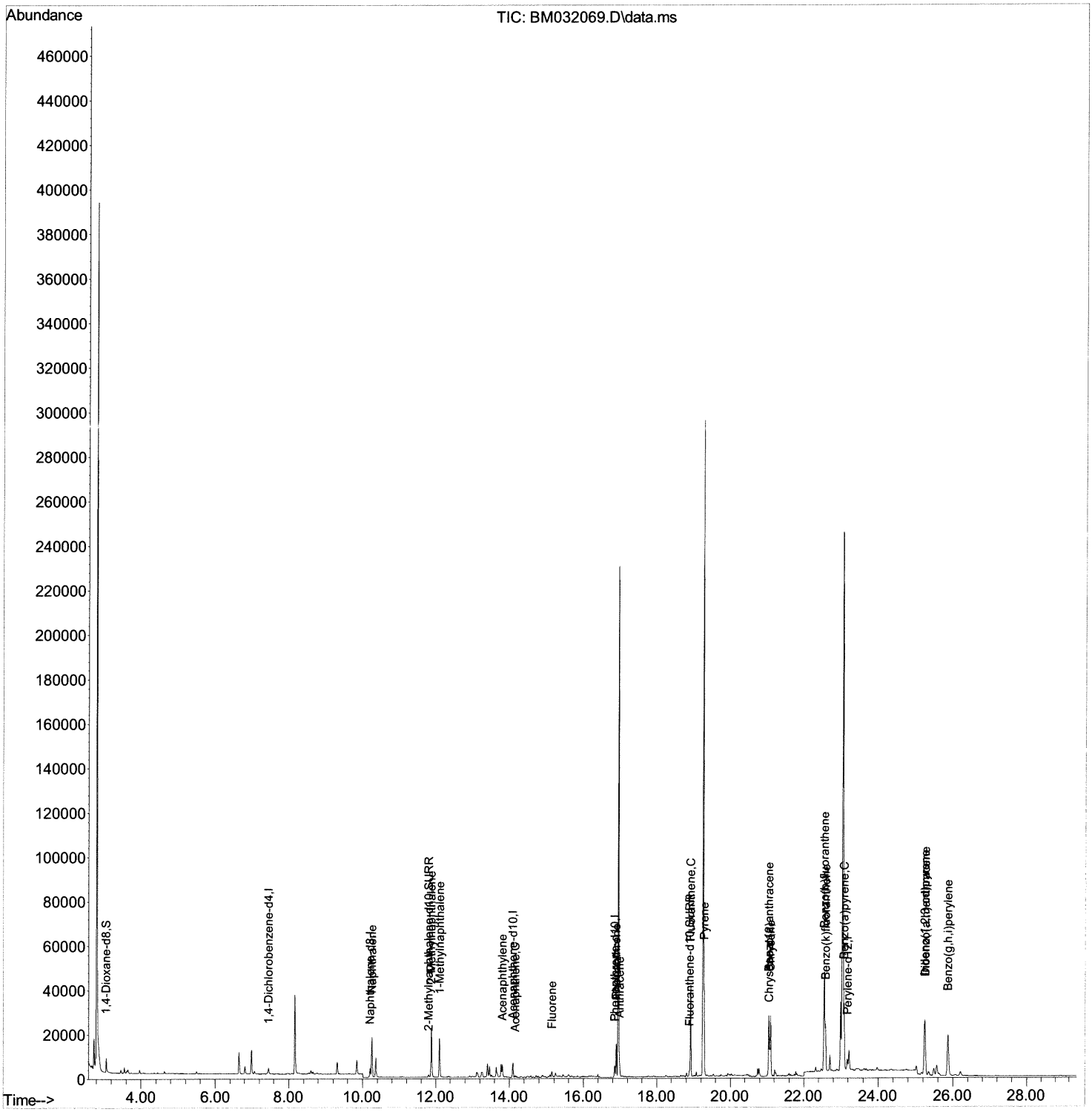
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090321\
Data File : BM032069.D
Acq On : 04 Sep 2021 09:52
Operator : CG/JU
Sample : M3486-15
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Sep 06 01:41:44 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 :
C0B19

Manual Integrations APPROVED
mohammad
9/7/2021 11:38:23 AM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090321\
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Acq On : 04 Sep 2021 09:52
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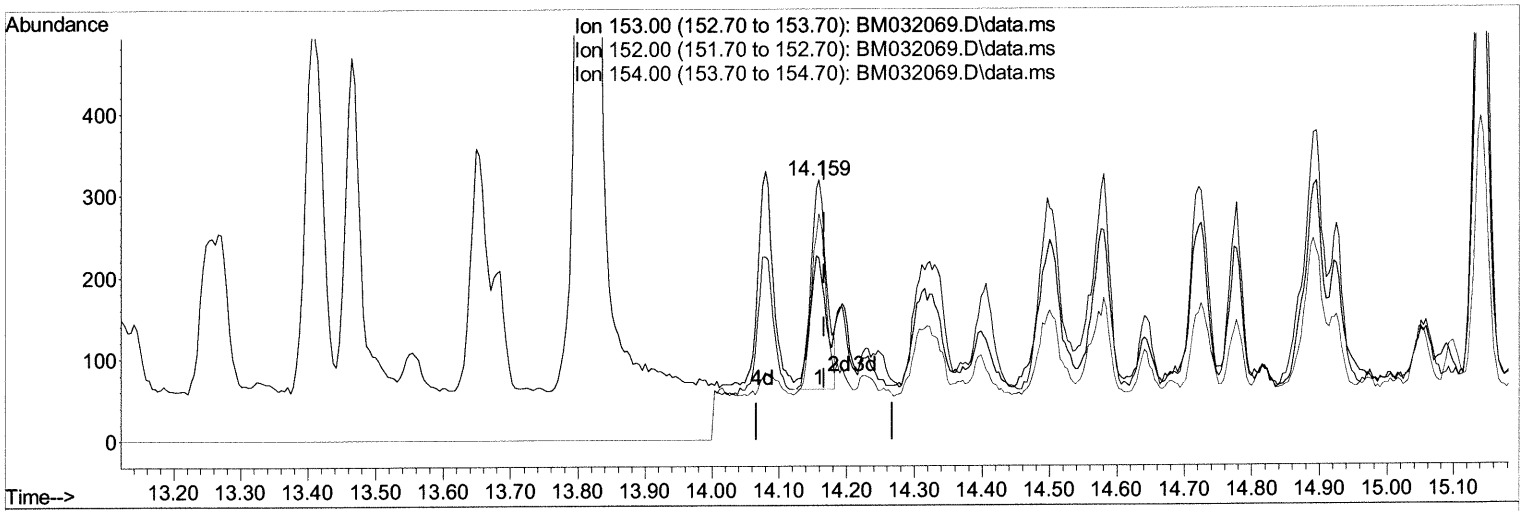

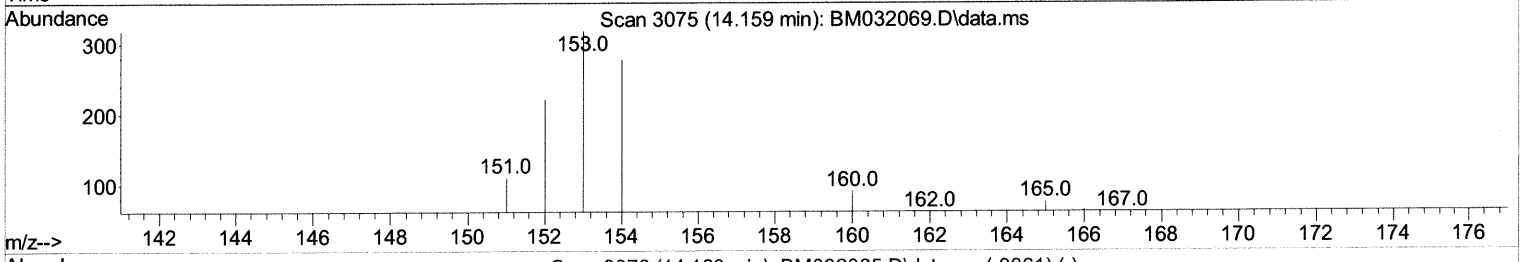

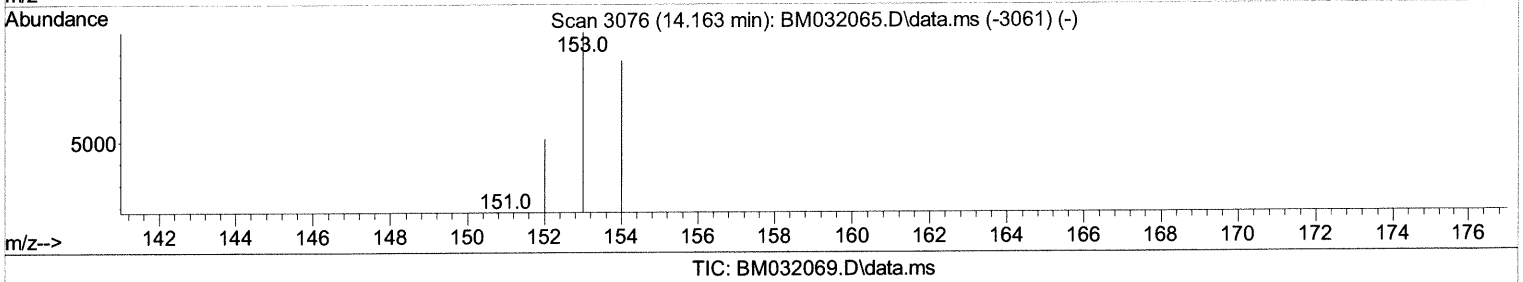

TIC: BM032069.D\data.ms

(11) Acenaphthene (C)

14.159min (-0.008) 0.04 ng/ul

response 409

Ion	Exp%	Act%
153.00	100.00	100.00
152.00	51.20	69.81#
154.00	88.10	87.11
0.00	0.00	0.00

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mohammad
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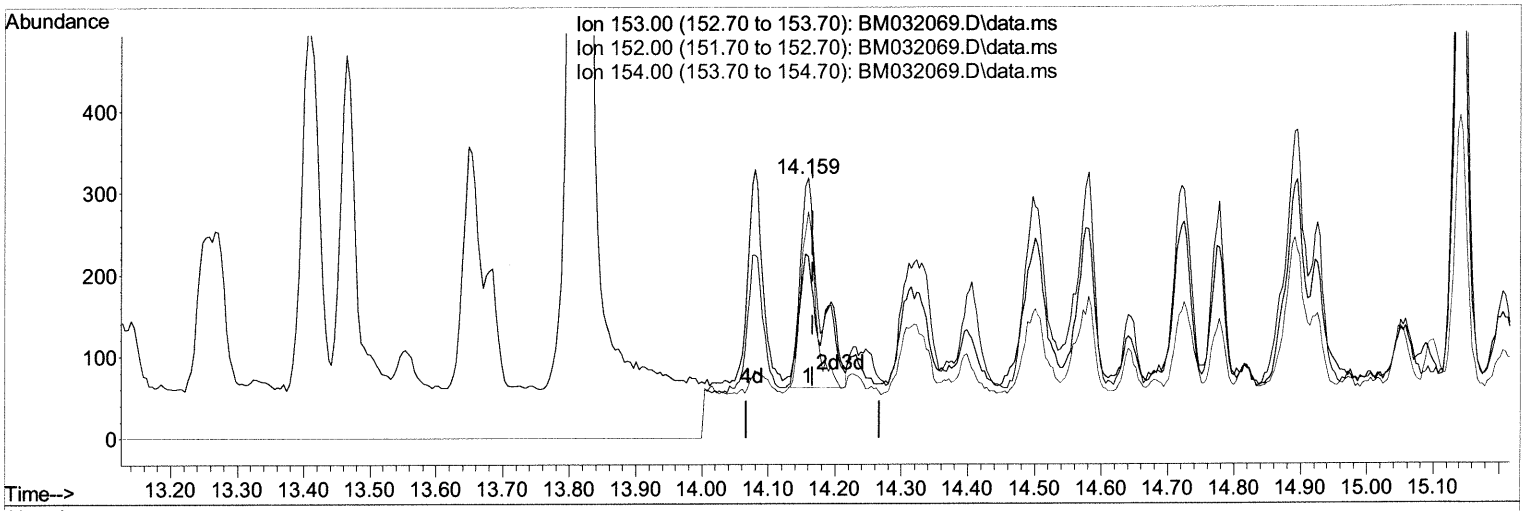

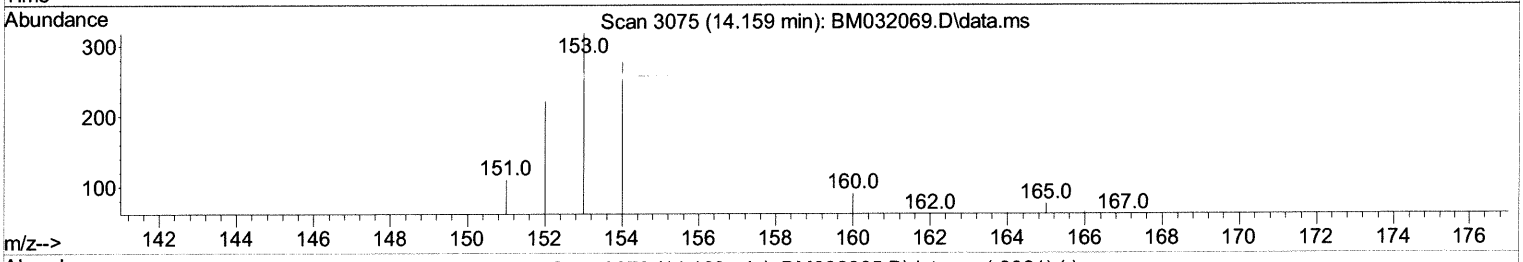

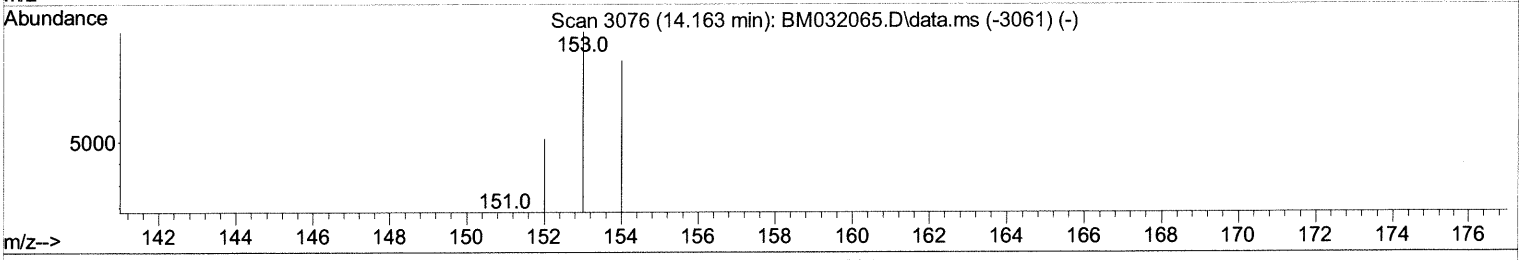

TIC: BM032069.D\data.ms

(11) Acenaphthene (C)

14.159min (-0.008) 0.05 ng/ul m 09/08/21 JU

response 530

Ion	Exp%	Act%
153.00	100.00	100.00
152.00	51.20	69.81#
154.00	88.10	87.11
0.00	0.00	0.00

Quantitation Report (Qedit)

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mohammad
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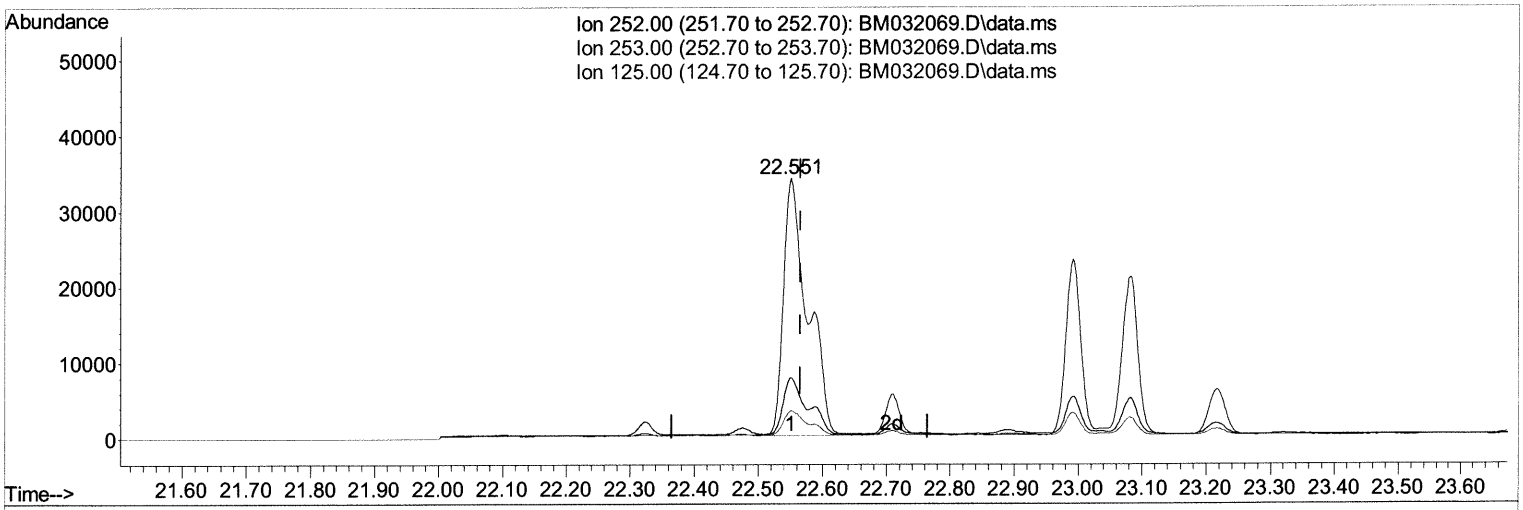

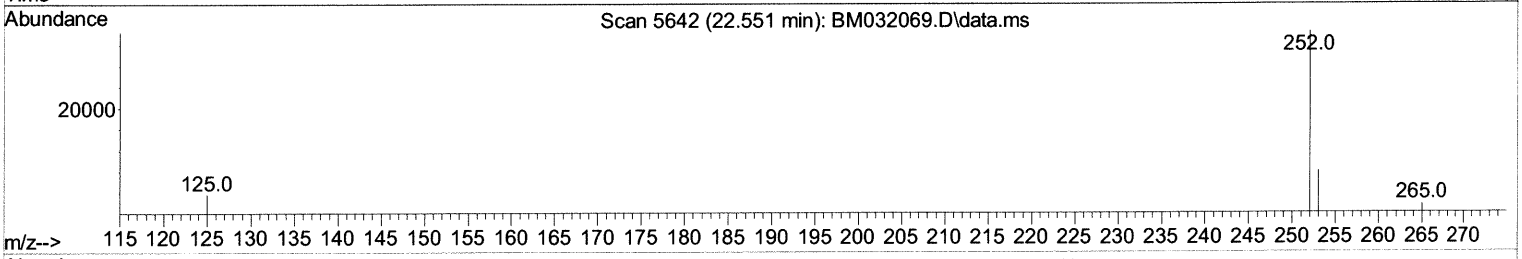

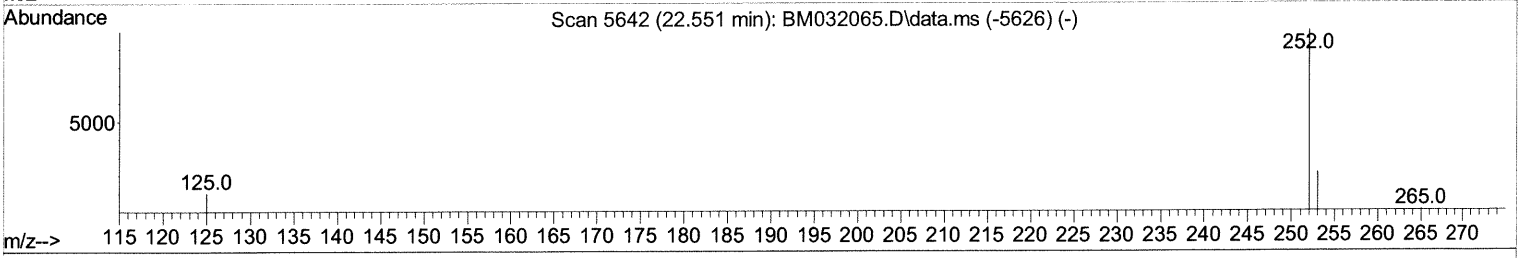

TIC: BM032069.D\data.ms

(24) Benzo(b)fluoranthene

22.551min (-0.014) 3.37 ng/ul

response 89625

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.50	23.46
125.00	14.20	10.65
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090321\
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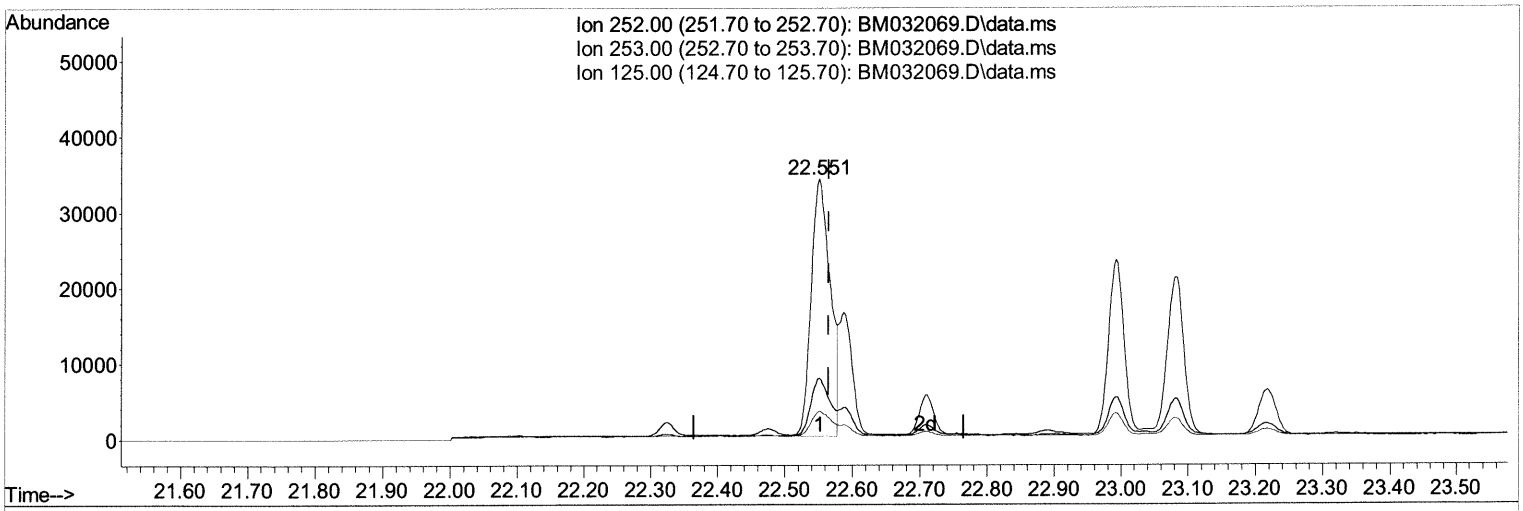
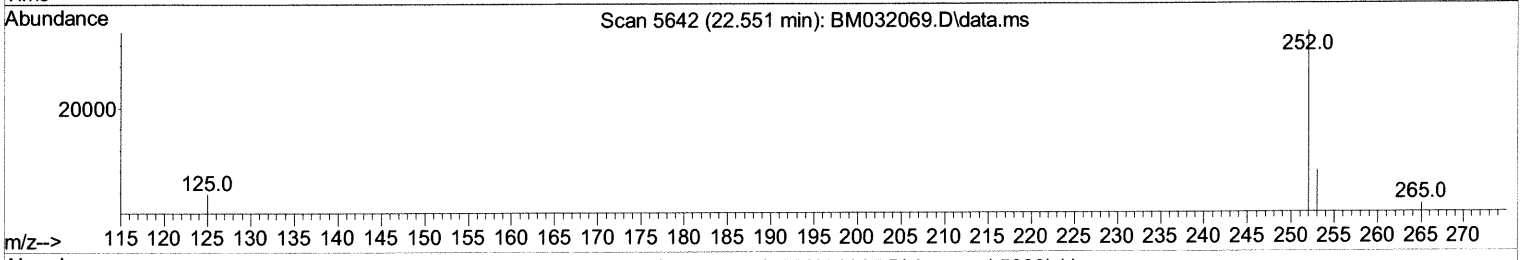
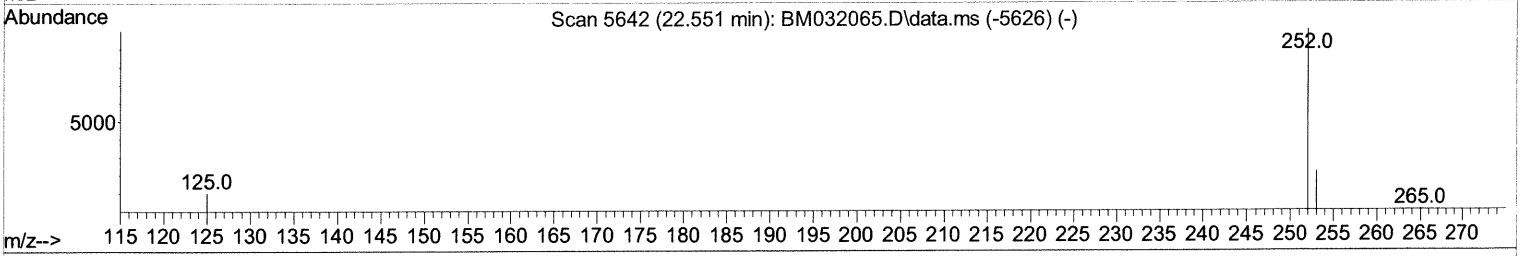
BNA_M
ClientSampleId :
C0B19

Manual Integrations APPROVED
mohammad
9/7/2021 11:38:23 AM







TIC: BM032069.D\data.ms

(24) Benzo(b)fluoranthene

22.551min (-0.014) 2.50 ng/ul m 09/08/21 JU

response 66669

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.50	23.46
125.00	14.20	10.65
0.00	0.00	0.00

Quantitation Report (Qedit)

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BNA_M
ClientSampleId :
C0B19

Manual Integrations APPROVED
mohammad
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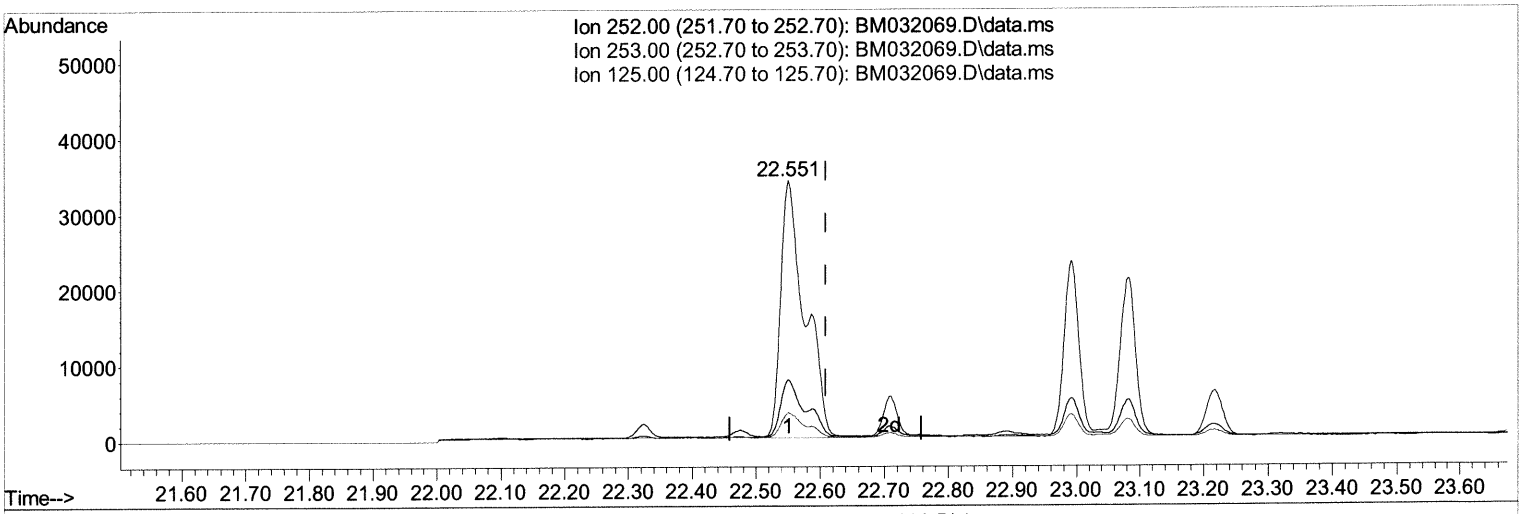

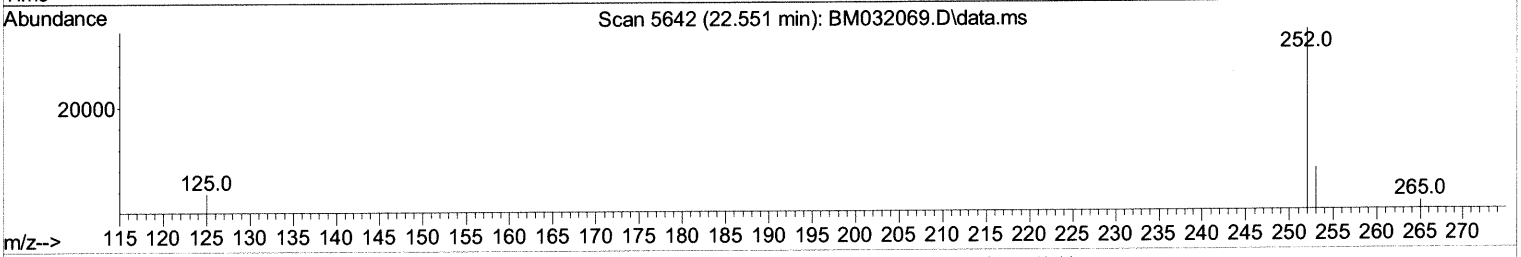

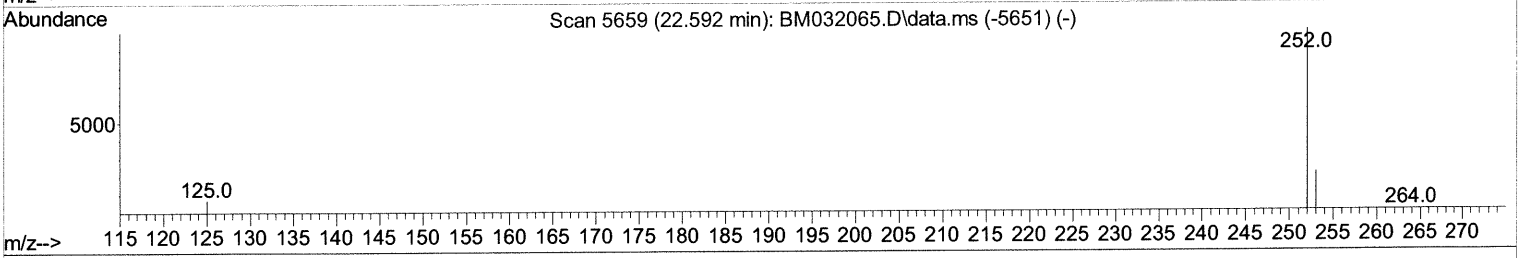

TIC: BM032069.D\data.ms

(25) Benzo(k)fluoranthene

22.551min (-0.058) 3.26 ng/ul

response 89625

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.50	23.46#
125.00	13.70	10.65#
0.00	0.00	0.00

Quantitation Report (Qedit)

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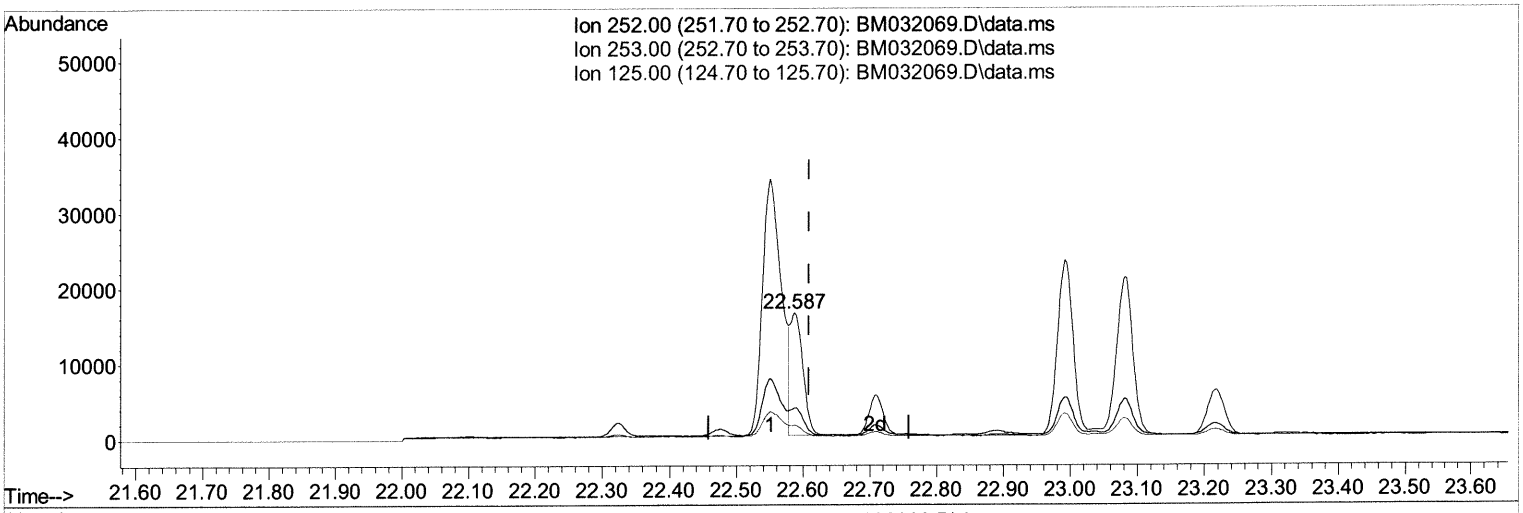
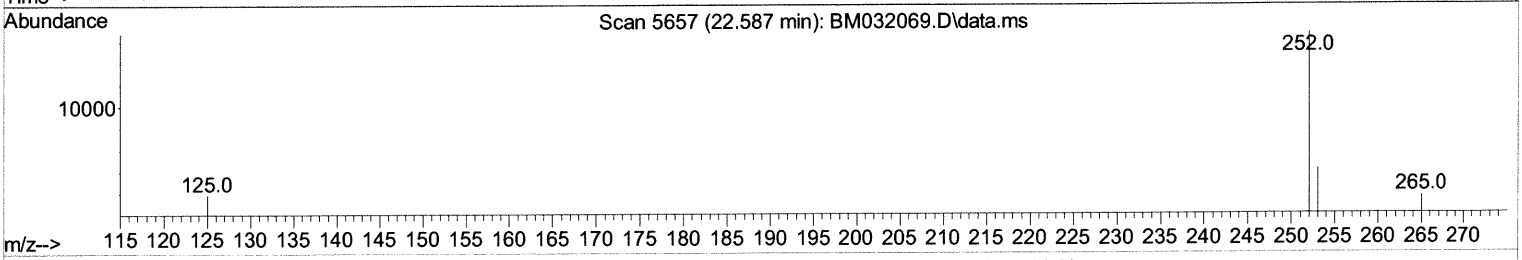
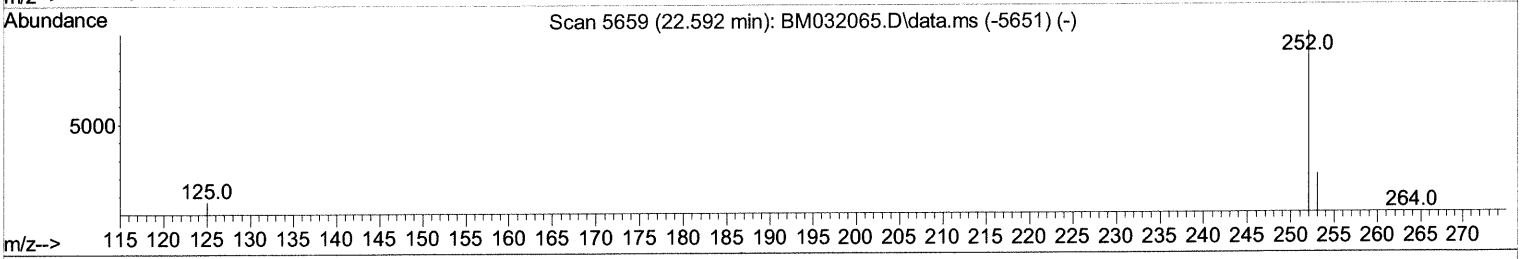
Manual Integrations APPROVED
mohammad
9/7/2021 11:38:23 AM







TIC: BM032069.D\data.ms

(25) Benzo(k)fluoranthene

22.587min (-0.022) 0.80 ng/ul m 09/08/21 JU

response 21986

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.50	25.14#
125.00	13.70	11.22
0.00	0.00	0.00

Quantitation Report (Qedit)

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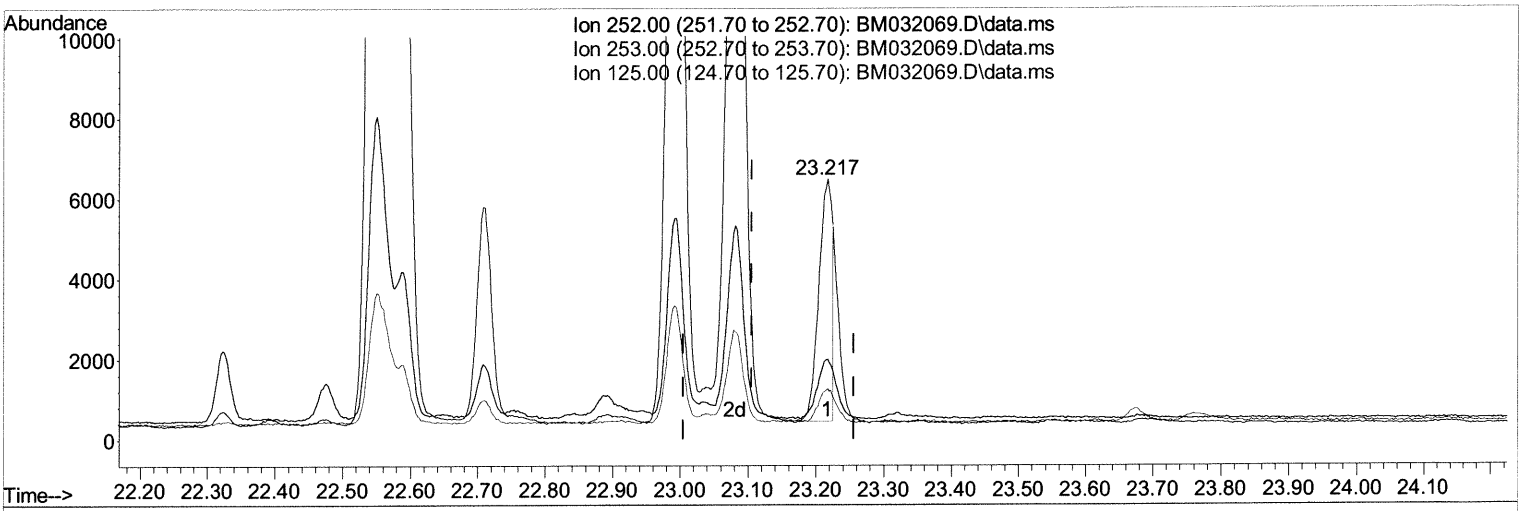

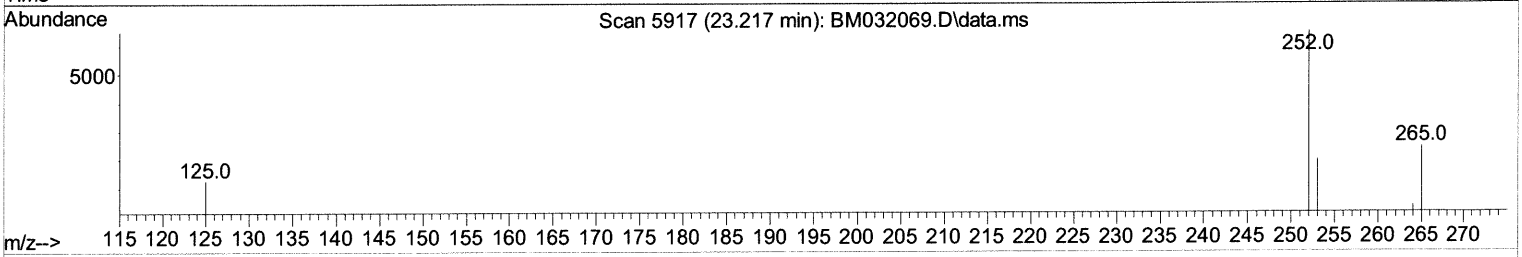

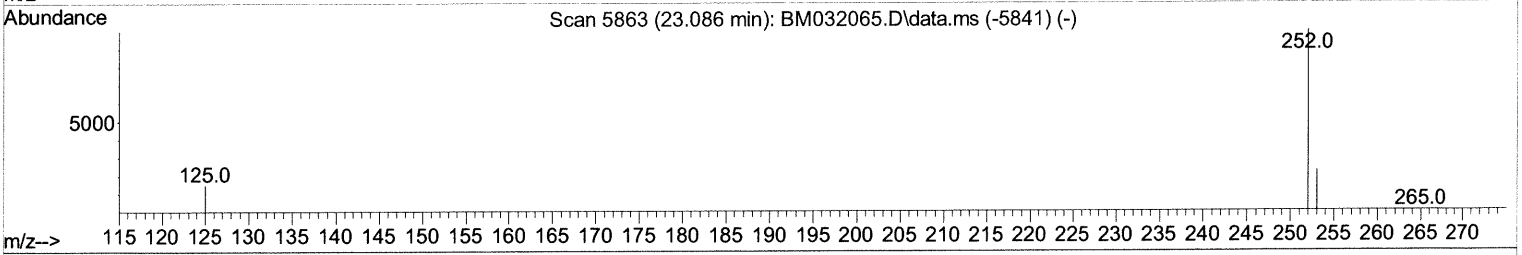

TIC: BM032069.D\data.ms

(26) Benzo(a)pyrene (C)

23.217min (+ 0.112) 0.35 ng/ul

response 8120

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	36.00	30.78
125.00	17.40	19.36
0.00	0.00	0.00

Quantitation Report (Qedit)

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mohammad
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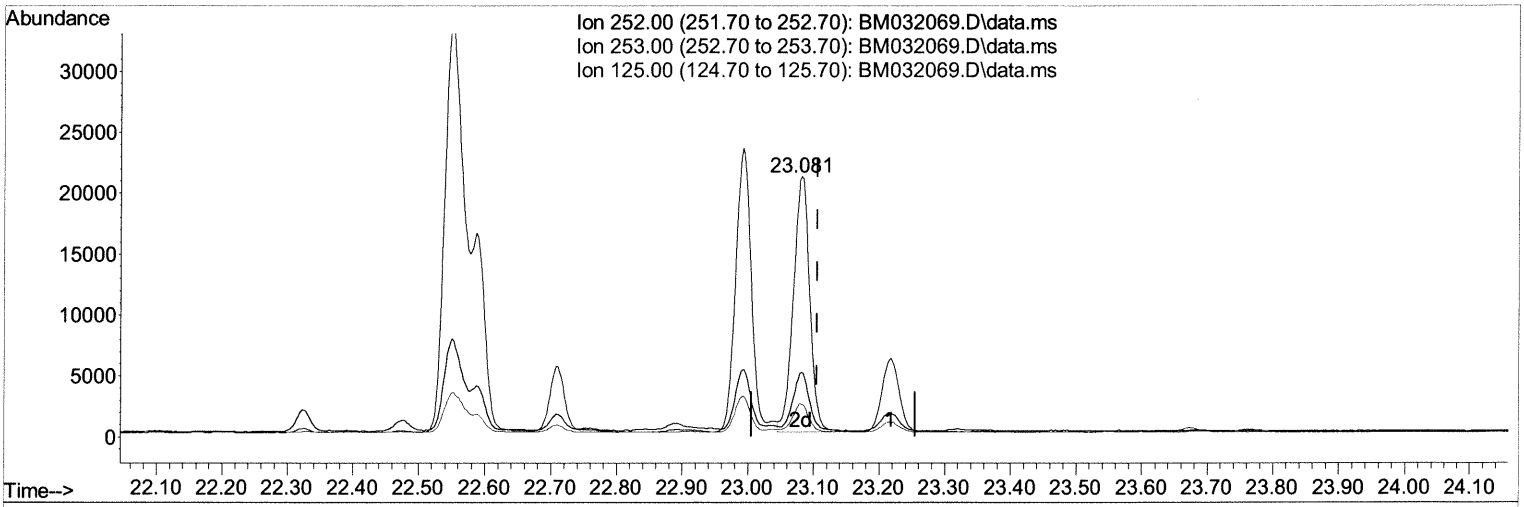

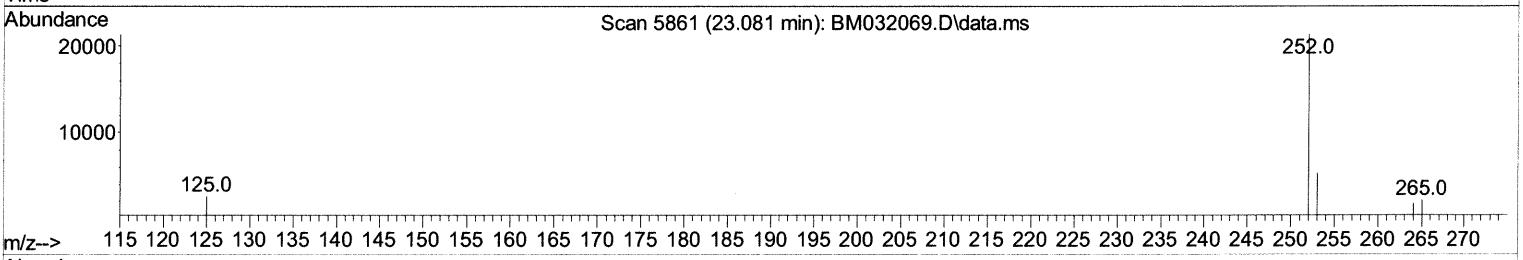

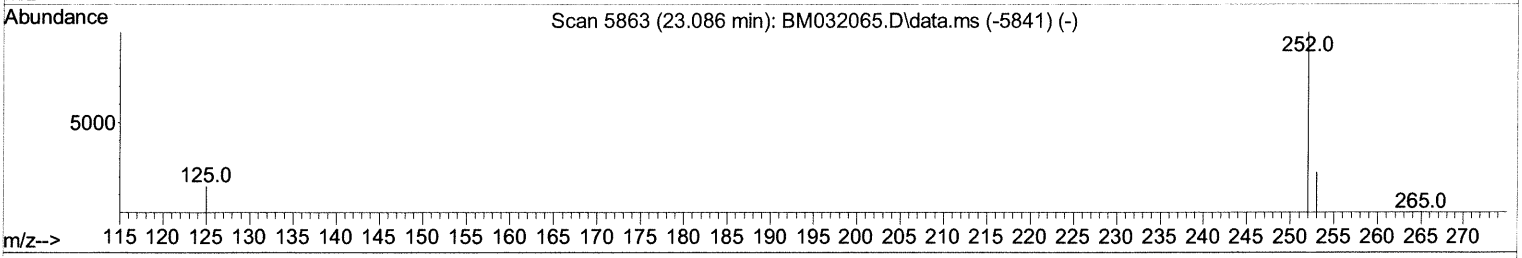

TIC: BM032069.D\data.ms

(26) Benzo(a)pyrene (C)

23.081min (-0.024) 1.56 ng/ul m 09/08/2021

response 36330

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	36.00	24.96#
125.00	17.40	12.58#
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.452	152	1487	0.400	ng/ul	0.00
4) Naphthalene-d8	10.203	136	5231	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.095	164	3239	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.852	188	6207	0.400	ng/ul	-0.01
17) Chrysene-d12	21.059	240	5243	0.400	ng/ul	-0.01
23) Perylene-d12	23.171	264	5791	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.065	96	4265	2.611	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.804	152	1395	0.172	ng/ul	-0.02
18) Fluoranthene-d10	18.892	212	2953	0.192	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.253	128	24316	1.752	ng/ul	95
7) 2-Methylnaphthalene	11.876	142	16409	1.694	ng/ul	99
8) 1-Methylnaphthalene	12.101	142	12319	1.292	ng/ul	98
10) Acenaphthylene	13.815	152	4685	0.358	ng/ul	97
11) Acenaphthene	14.159	153	530m	0.050	ng/ul	09/08/21 JU
12) Fluorene	15.153	166	708	0.057	ng/ul#	68
15) Phenanthrene	16.893	178	15452	0.818	ng/ul	98
16) Anthracene	16.987	178	6230	0.376	ng/ul	100
19) Fluoranthene	18.919	202	34481	1.522	ng/ul	100
20) Pyrene	19.285	202	35057	1.501	ng/ul	100
21) Benzo(a)anthracene	21.045	228	21907	1.144	ng/ul	99
22) Chrysene	21.096	228	30144	1.370	ng/ul	98
24) Benzo(b)fluoranthene	22.551	252	66669m	2.504	ng/ul	09/08/21 JU
25) Benzo(k)fluoranthene	22.587	252	21986m	0.801	ng/ul	
26) Benzo(a)pyrene	23.081	252	36330m	1.562	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.240	276	38529	1.216	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.245	278	9336	0.366	ng/ul	95
29) Benzo(g,h,i)perylene	25.870	276	36066	1.279	ng/ul	95

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