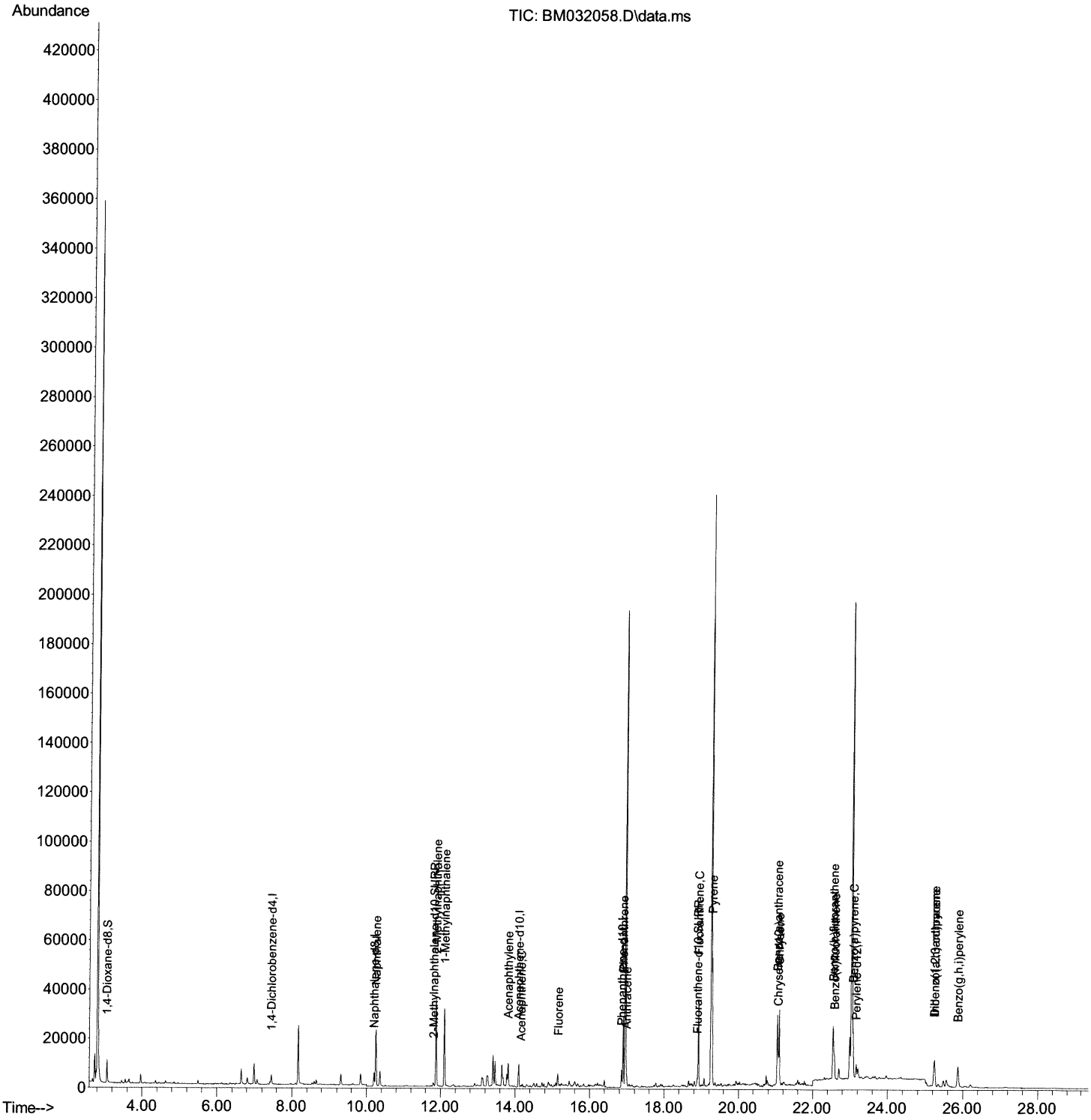
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090321\
Data File : BM032058.D
Acq On : 04 Sep 2021 02:32
Operator : CG/JU
Sample : M3486-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 04 03:27:59 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 :
C0B24

Manual Integrations APPROVED
mohammad
9/7/2021 11:37:46 AM



Quantitation Report (Qedit)

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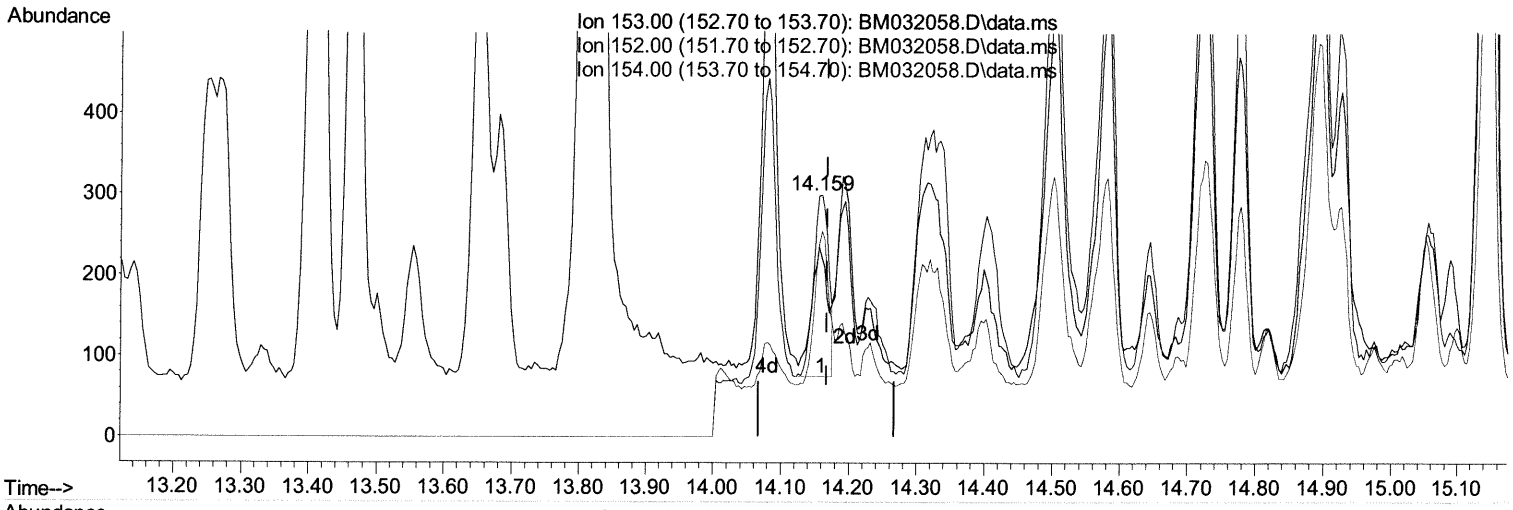

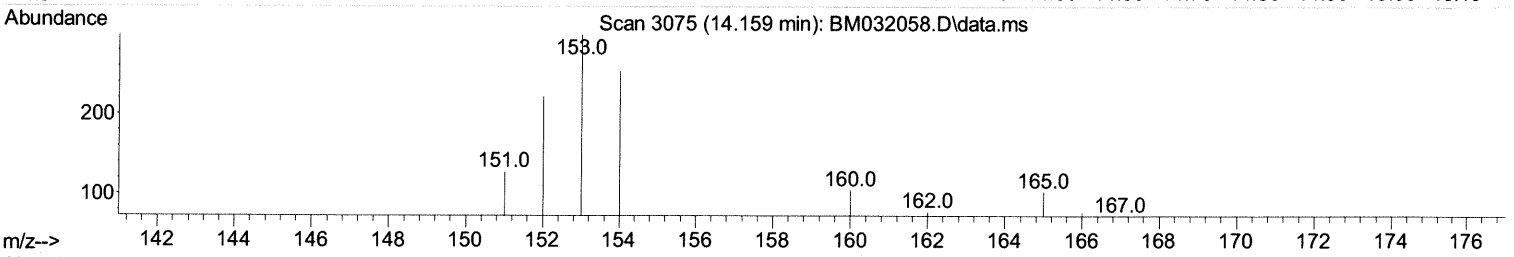

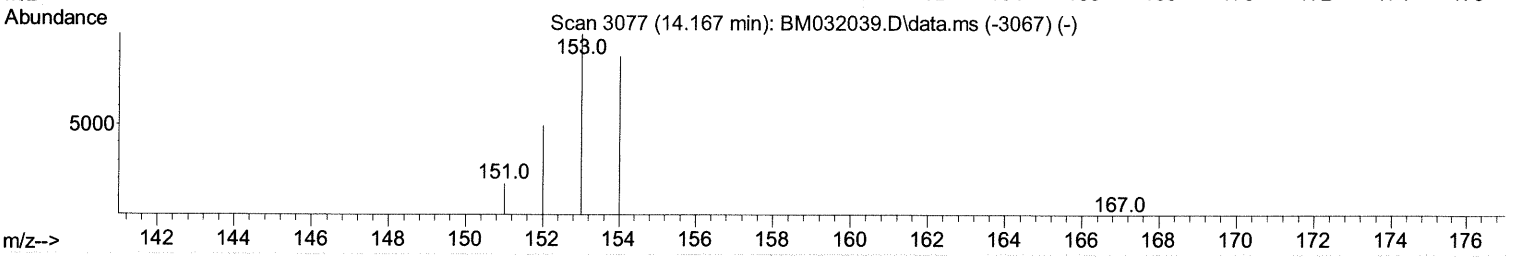

TIC: BM032058.D\data.ms

(11) Acenaphthene (C)

14.159min (-0.008) 0.02 ng/ul

response 353

Ion	Exp%	Act%
153.00	100.00	100.00
152.00	51.20	73.91#
154.00	88.10	84.95
0.00	0.00	0.00

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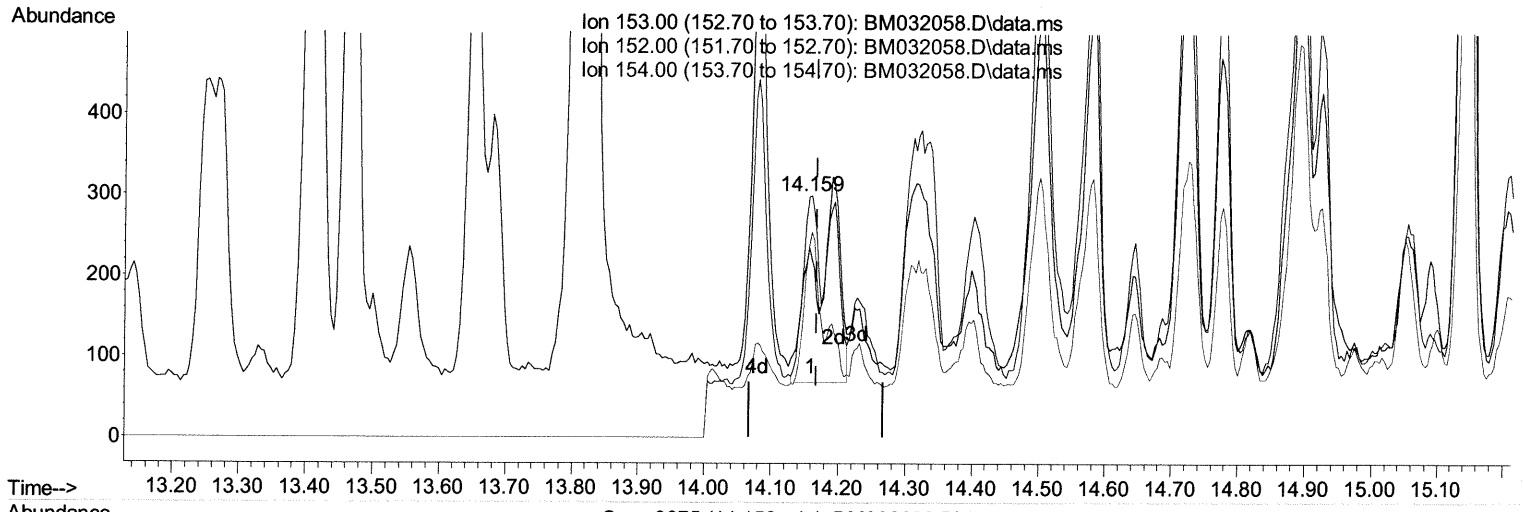
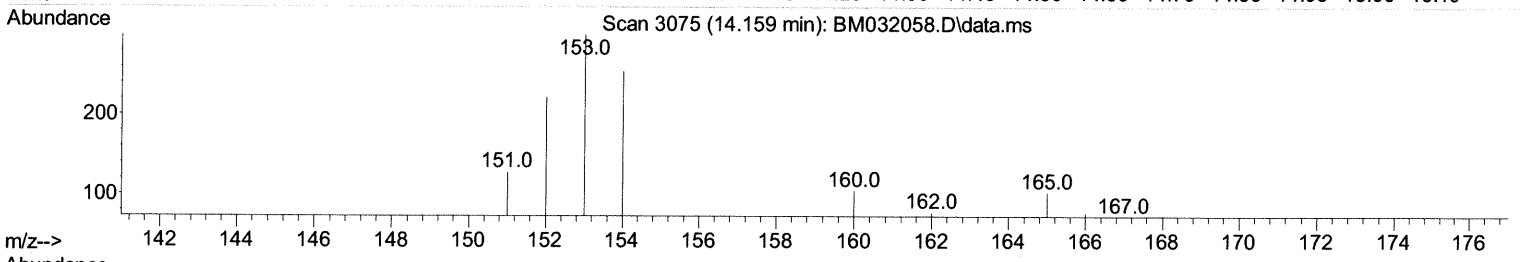
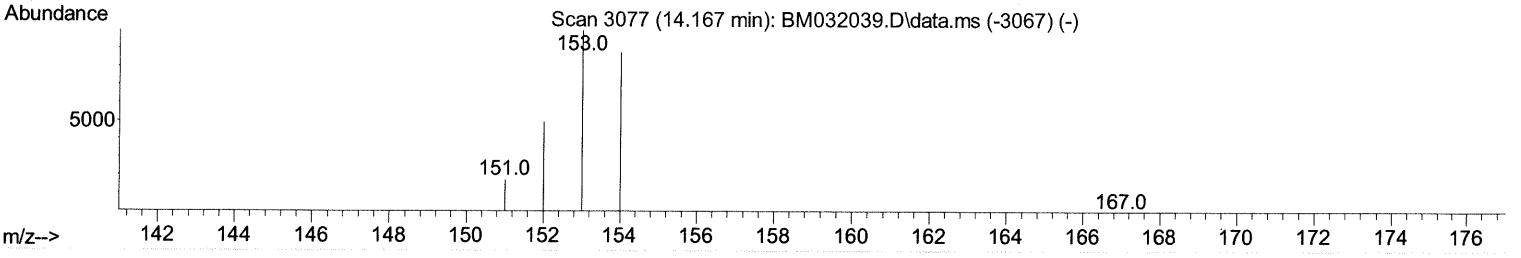
Manual Integrations APPROVED
mohammad
9/7/2021 11:37:46 AM







TIC: BM032058.D\data.ms

(11) Acenaphthene (C)

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

response 693

Ion	Exp%	Act%
153.00	100.00	100.00
152.00	51.20	73.91#
154.00	88.10	84.95
0.00	0.00	0.00

Quantitation Report (Qedit)

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mohammad
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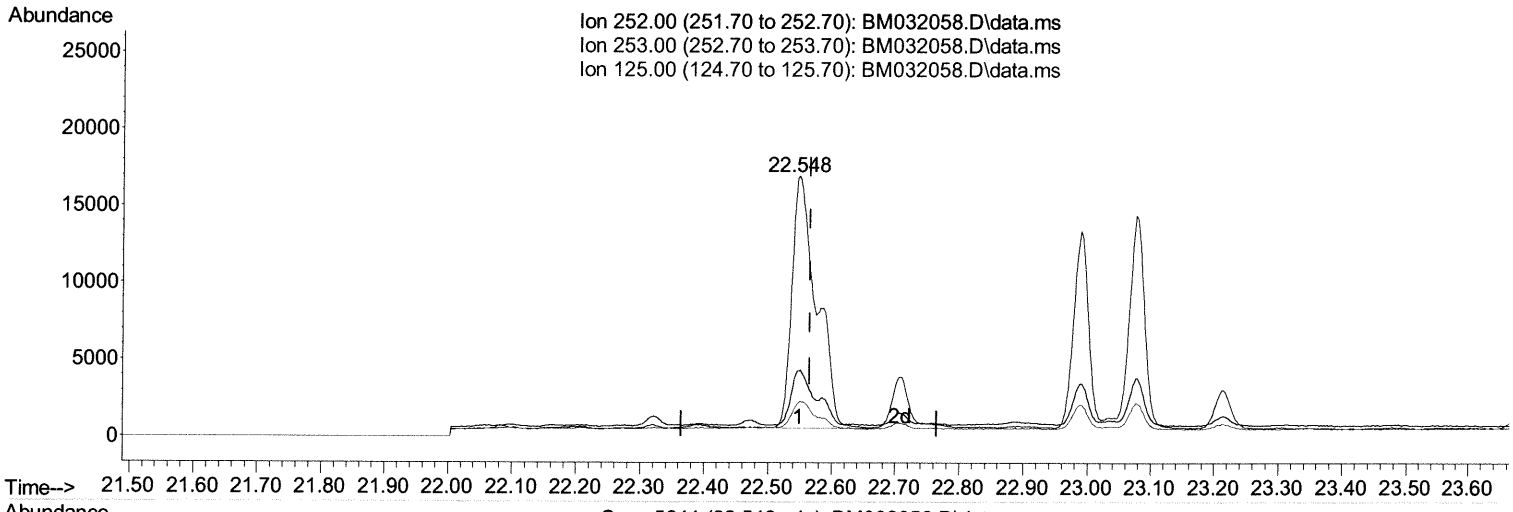

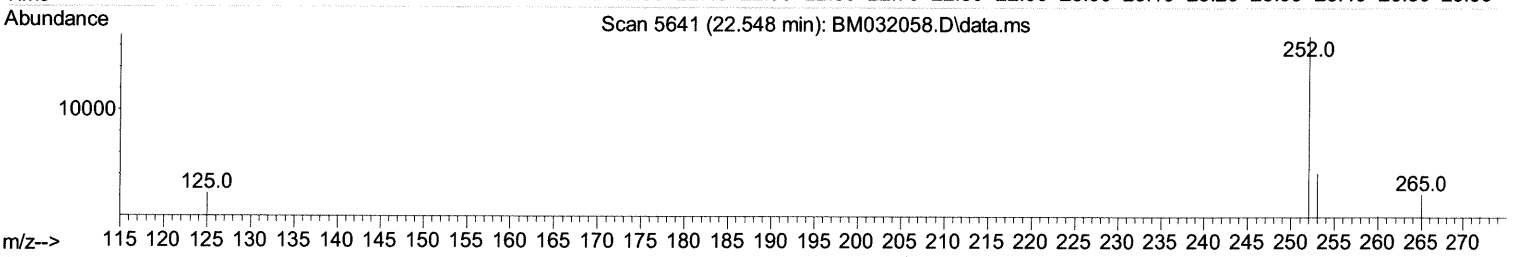

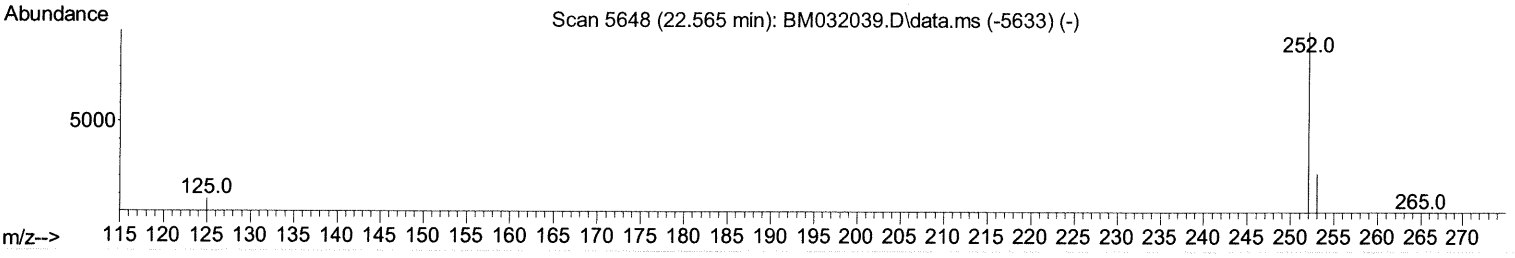

TIC: BM032058.D\data.ms

(24) Benzo(b)fluoranthene

22.548min (-0.017) 1.52 ng/ul

response 44789

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.50	25.22
125.00	14.20	13.20
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090321\
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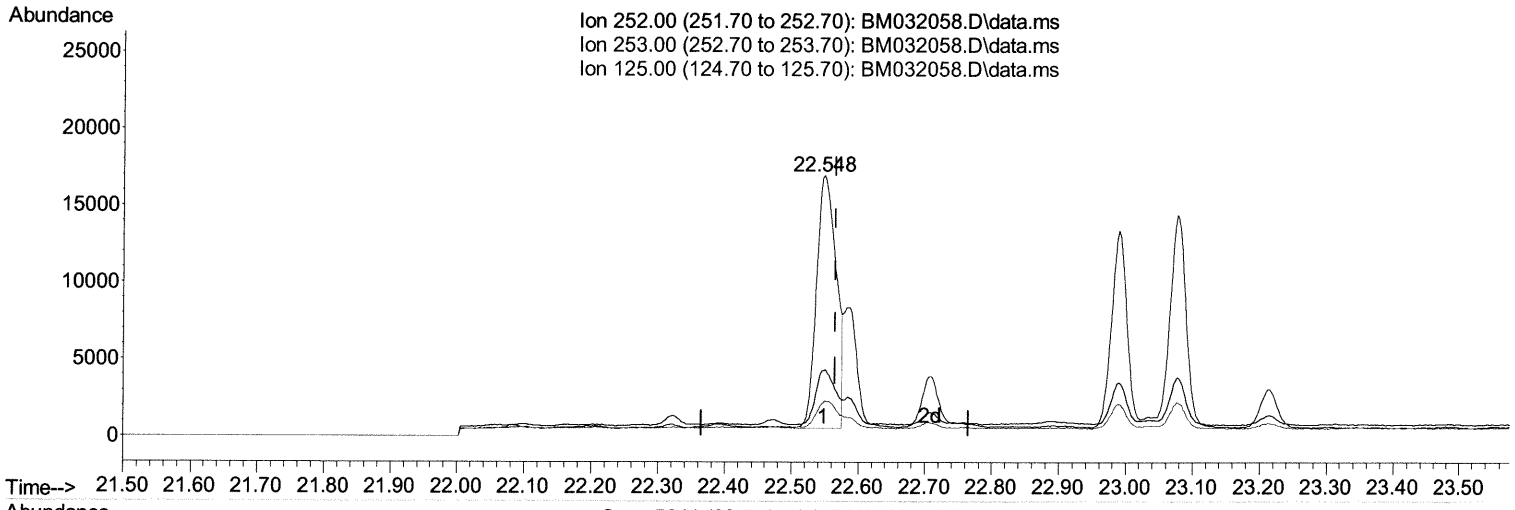
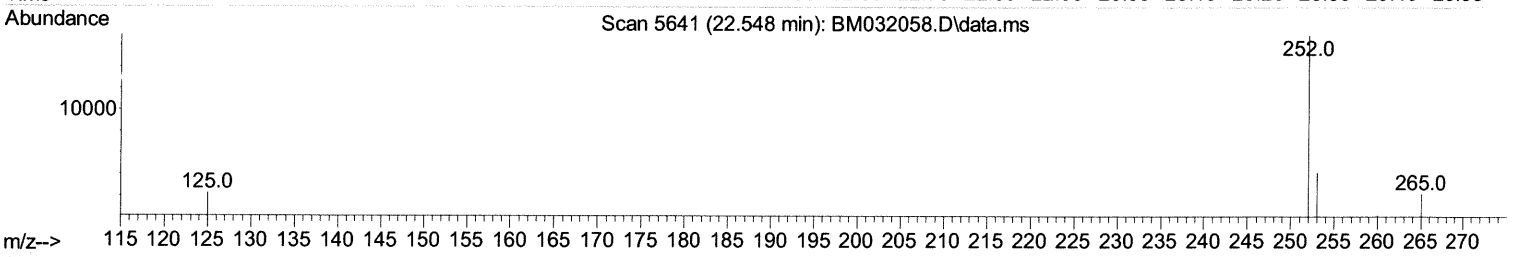
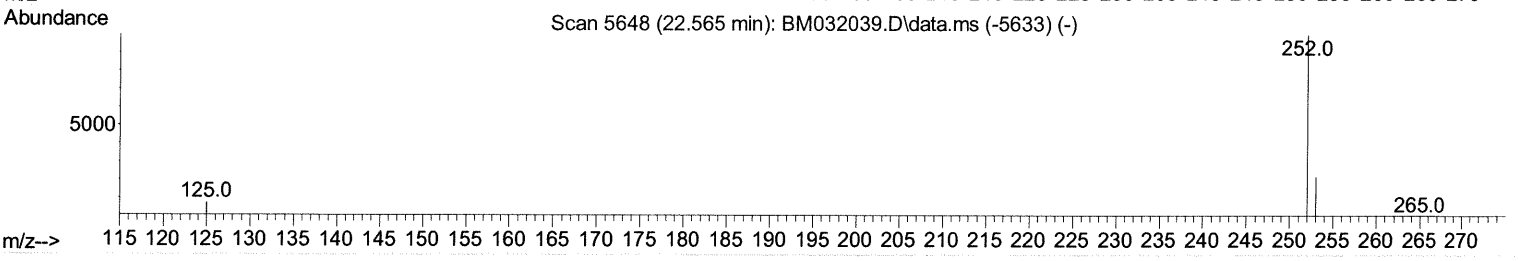
Manual Integrations APPROVED
mohammad
9/7/2021 11:37:46 AM







TIC: BM032058.D\data.ms

(24) Benzo(b)fluoranthene

22.548min (-0.017) 1.13 ng/ul m 09/08/21 JU

response 33515

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.50	25.22
125.00	14.20	13.20
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090321\
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Misc :
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Manual Integrations APPROVED
mohammad
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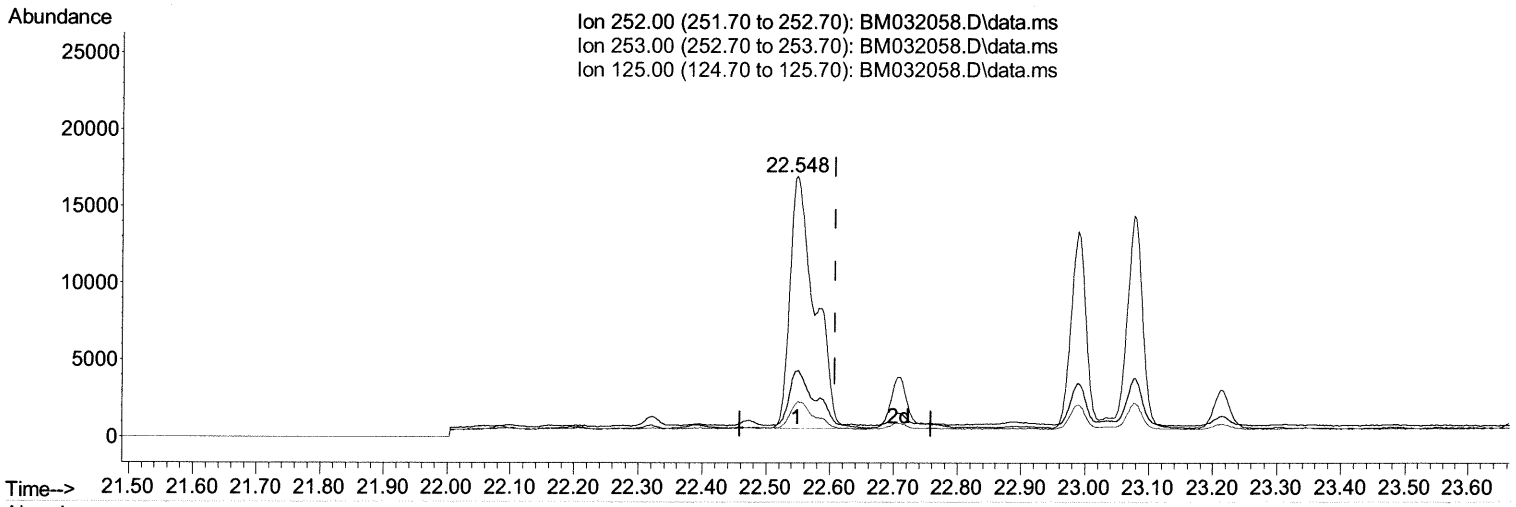

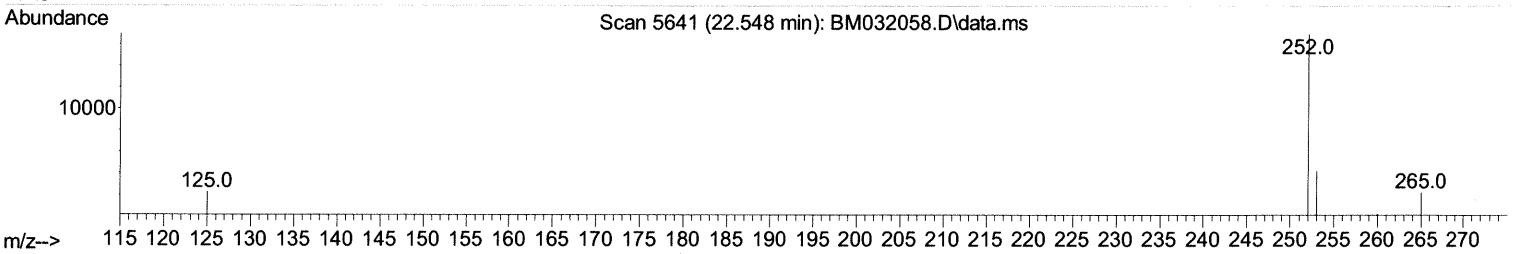

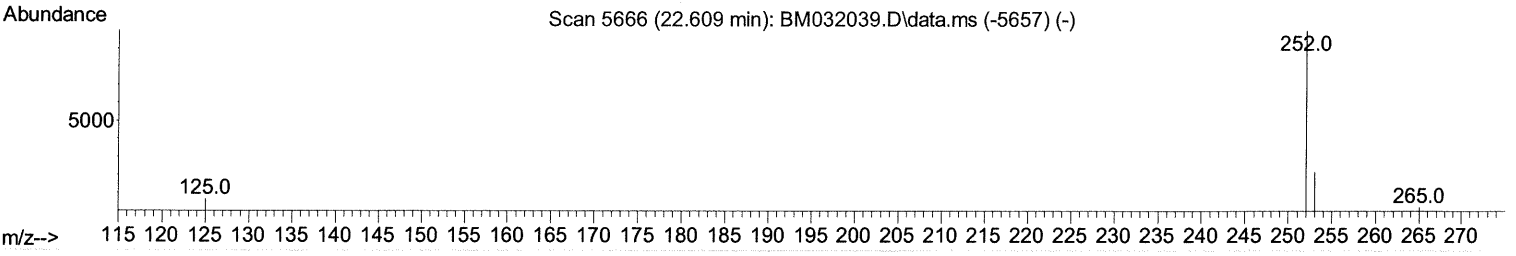

TIC: BM032058.D\data.ms

(25) Benzo(k)fluoranthene

22.548min (-0.061) 1.47 ng/ul

response 44789

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.50	25.22
125.00	13.70	13.20
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual Integrations APPROVED
mohammad
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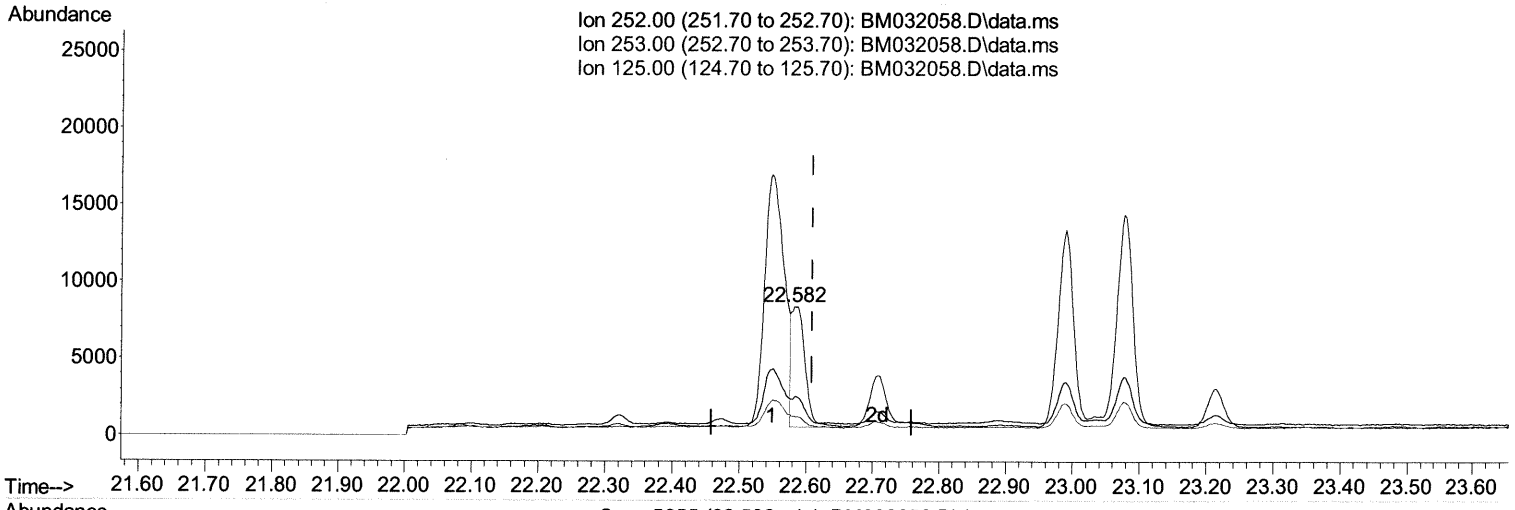

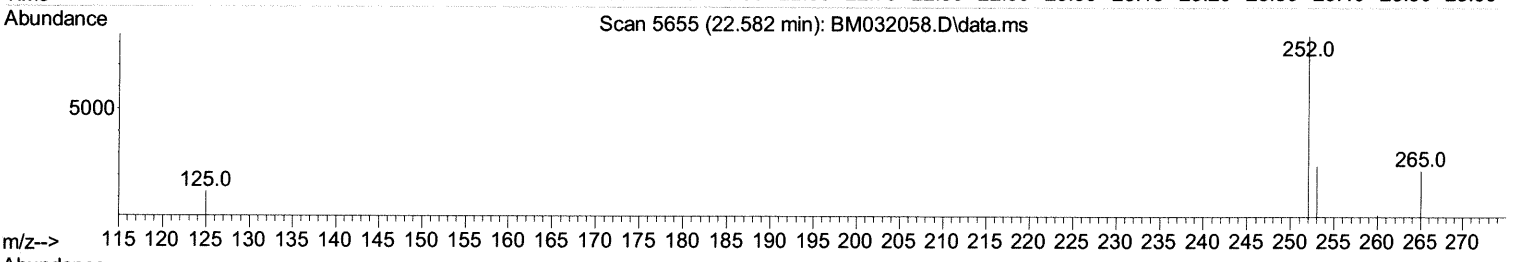

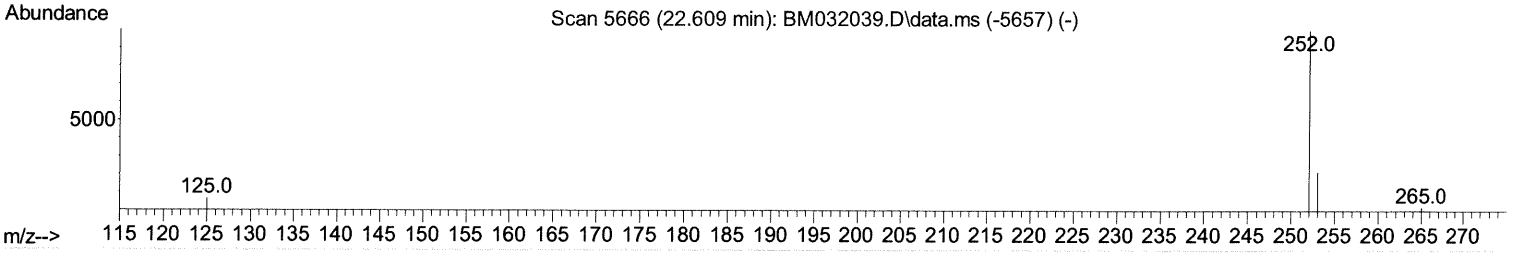

TIC: BM032058.D\data.ms

(25) Benzo(k)fluoranthene

22.582min (-0.027) 0.37 ng/ul m 09/08/2021

response 11268

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.50	29.53
125.00	13.70	14.86
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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ALS Vial : 16 Sample Multiplier: 1

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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	7.455	152	2072	0.400	ng/ul	0.00
4) Naphthalene-d8	10.203	136	7393	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.095	164	4490	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.852	188	7871	0.400	ng/ul	-0.01
17) Chrysene-d12	21.059	240	6013	0.400	ng/ul	-0.01
23) Perylene-d12	23.168	264	6429	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.061	96	6293	2.765	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.805	152	1948	0.170	ng/ul	-0.02
18) Fluoranthene-d10	18.892	212	3802	0.216	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.253	128	31482	1.605	ng/ul	95
7) 2-Methylnaphthalene	11.881	142	26920	1.967	ng/ul	99
8) 1-Methylnaphthalene	12.101	142	22292	1.654	ng/ul	98
10) Acenaphthylene	13.815	152	6953	0.384	ng/ul	98
11) Acenaphthene	14.159	153	693m	0.047	ng/ul	09/08/21 JU
12) Fluorene	15.156	166	1078	0.062	ng/ul#	61
15) Phenanthrene	16.893	178	29654	1.238	ng/ul	97
16) Anthracene	16.987	178	4705	0.224	ng/ul	98
19) Fluoranthene	18.923	202	30281	1.165	ng/ul	100
20) Pyrene	19.285	202	42503	1.587	ng/ul	99
21) Benzo(a)anthracene	21.042	228	22759	1.036	ng/ul	96
22) Chrysene	21.093	228	31151	1.235	ng/ul	97
24) Benzo(b)fluoranthene	22.548	252	33515m	1.134	ng/ul	09/08/21JU
25) Benzo(k)fluoranthene	22.582	252	11268m	0.370	ng/ul	
26) Benzo(a)pyrene	23.076	252	23196	0.898	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.237	276	15416	0.438	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.242	278	5064	0.179	ng/ul#	80
29) Benzo(g,h,i)perylene	25.865	276	15884	0.507	ng/ul	97

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