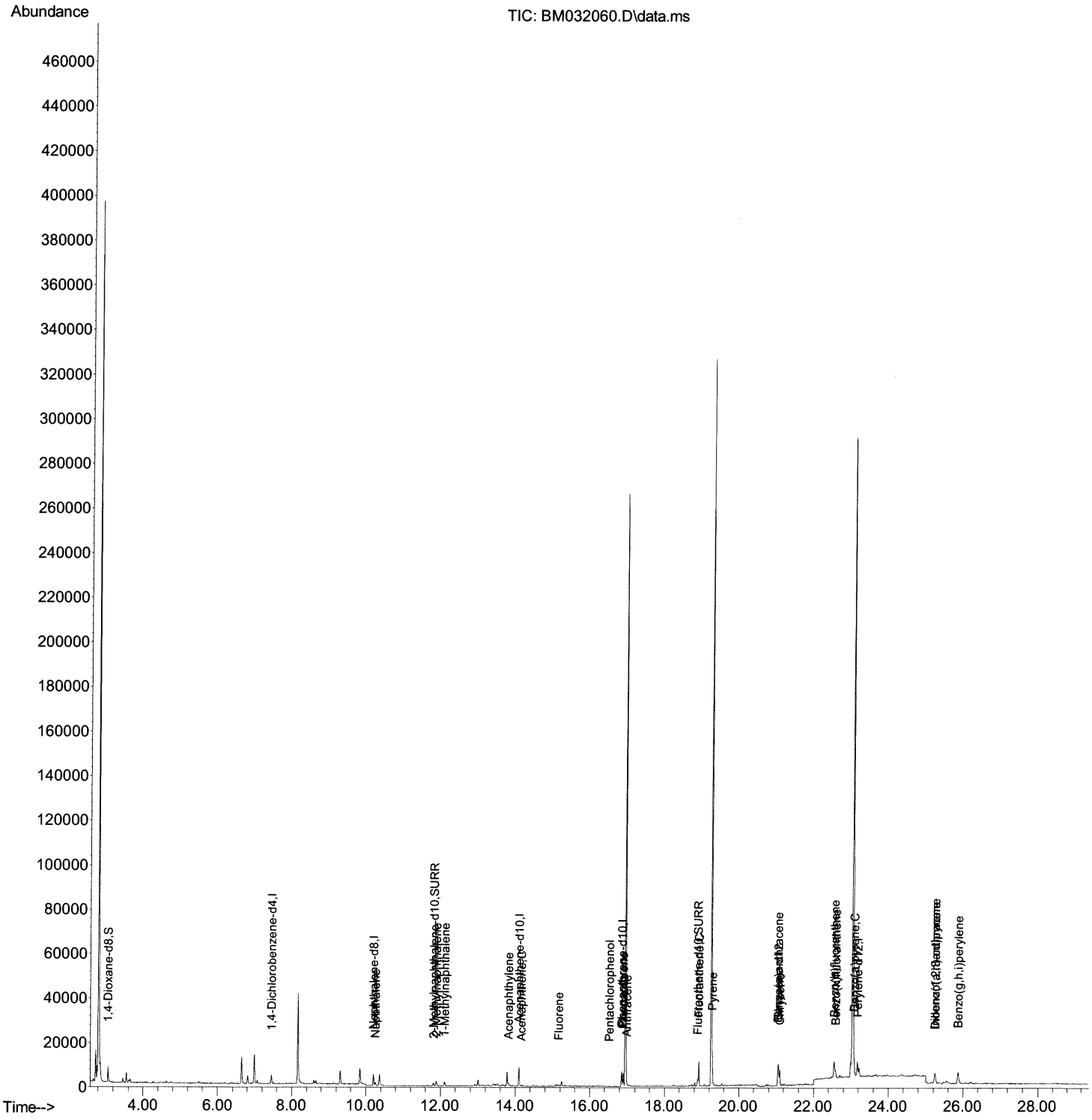
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090321\
Data File : BM032060.D
Acq On : 04 Sep 2021 03:46
Operator : CG/JU
Sample : M3486-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Sep 04 04:58:49 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 :
C0AW2

Manual Integrations APPROVED
mohammad
9/7/2021 11:37:53 AM



Quantitation Report (Qedit)

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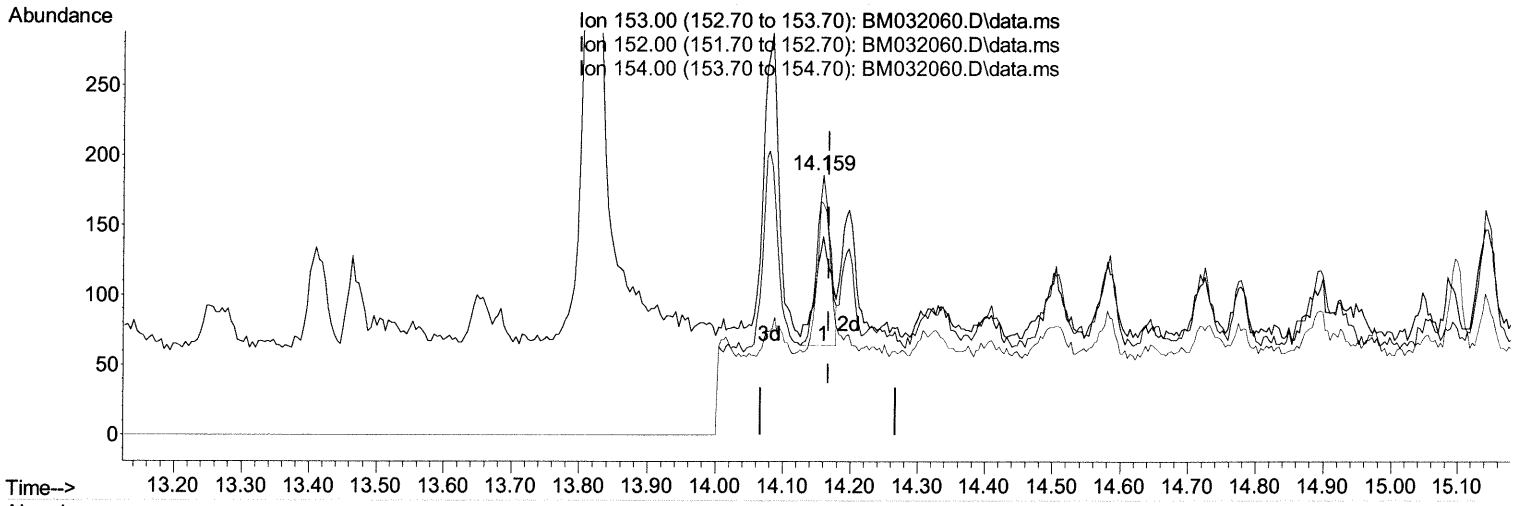

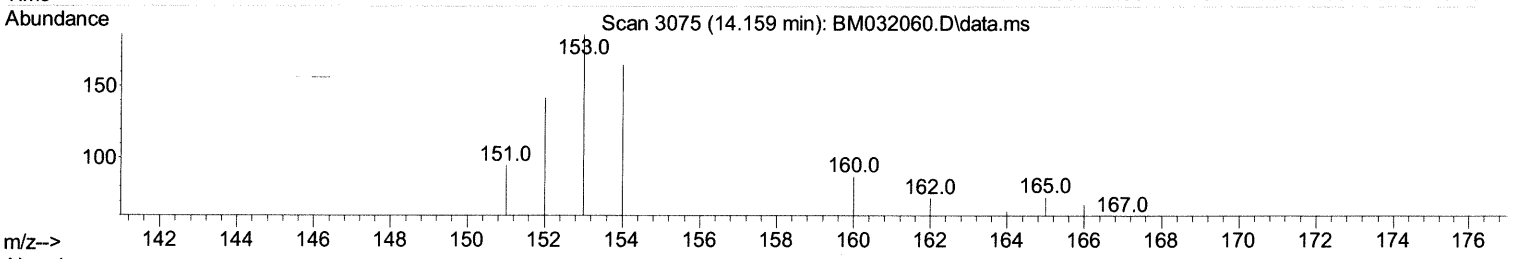

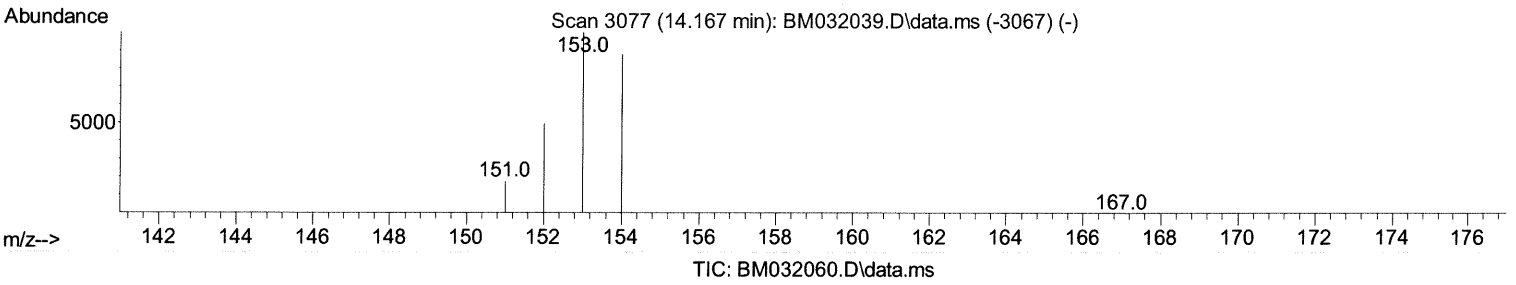

TIC: BM032060.D\data.ms

(11) Acenaphthene (C)

14.159min (-0.008) 0.01 ng/ul

response 168

Ion	Exp%	Act%
153.00	100.00	100.00
152.00	51.20	76.34#
154.00	88.10	88.71
0.00	0.00	0.00

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Manual Integrations APPROVED
mohammad
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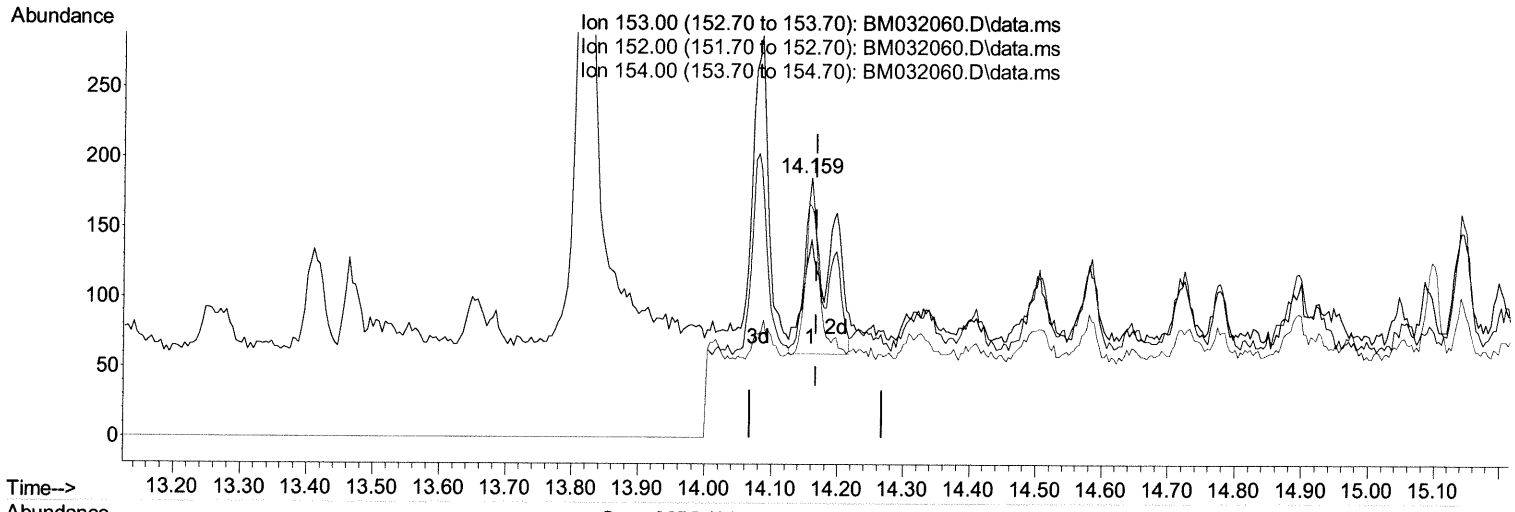

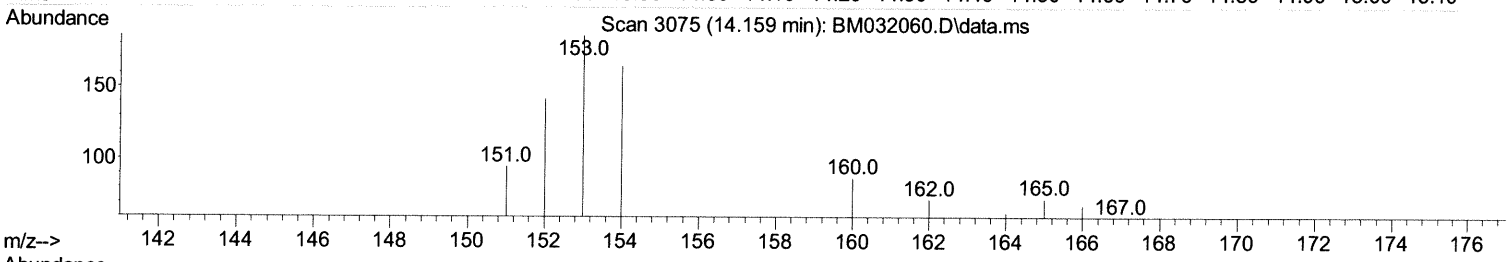

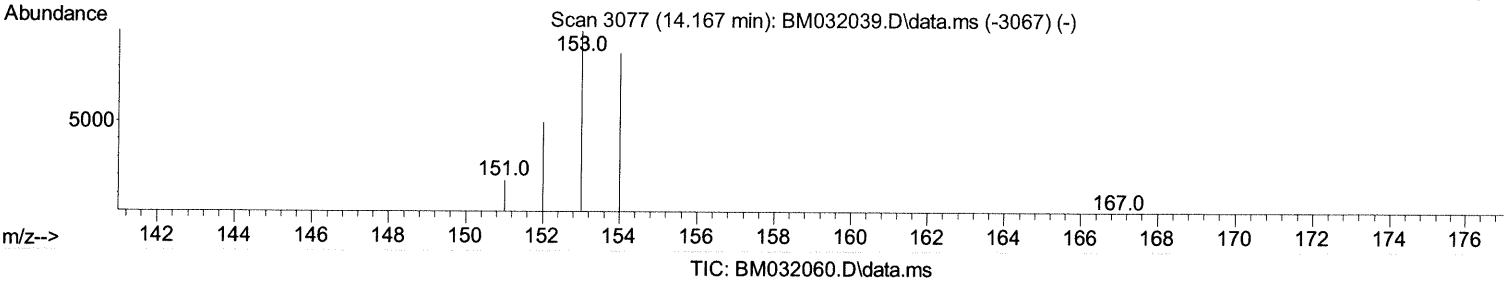

TIC: BM032060.D\data.ms

(11) Acenaphthene (C)

14.159min (-0.008) 0.02 ng/ul m 09/08/21JU

response 283

Ion	Exp%	Act%
153.00	100.00	100.00
152.00	51.20	76.34#
154.00	88.10	88.71
0.00	0.00	0.00

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mohammad
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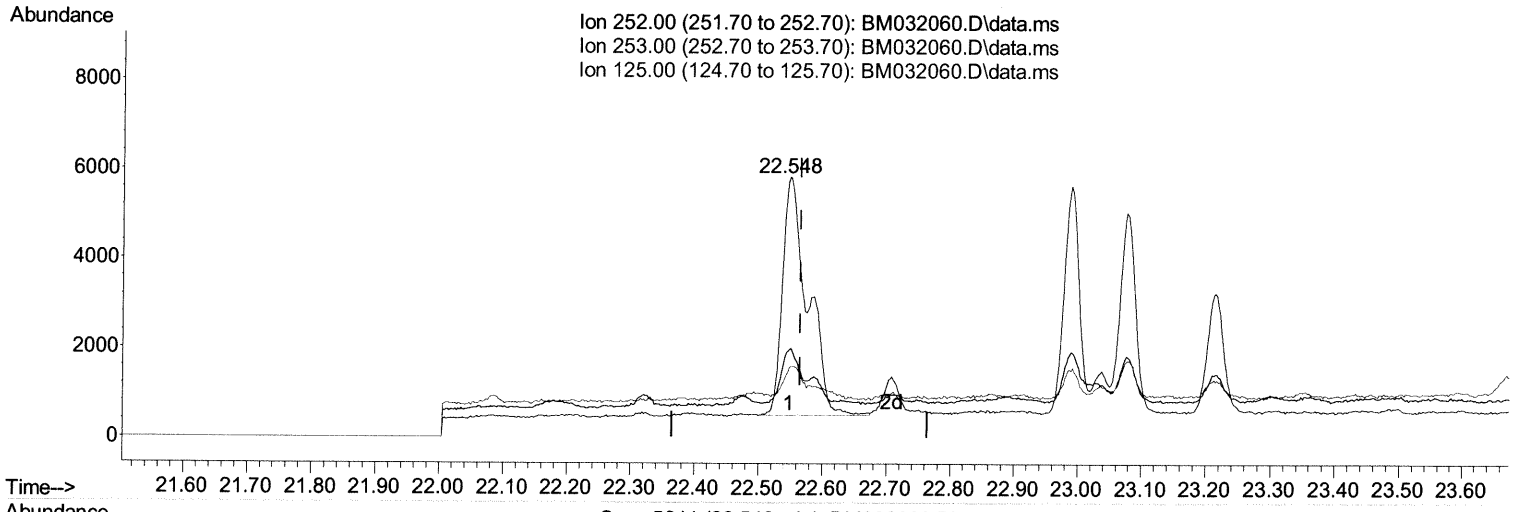

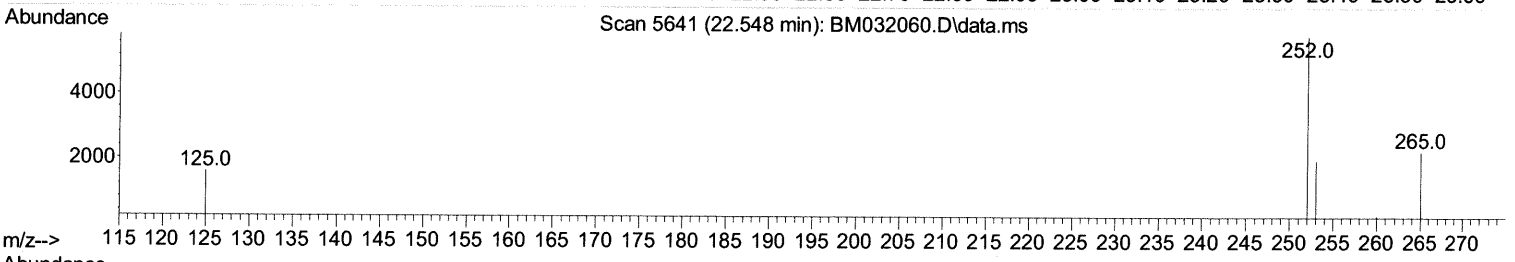

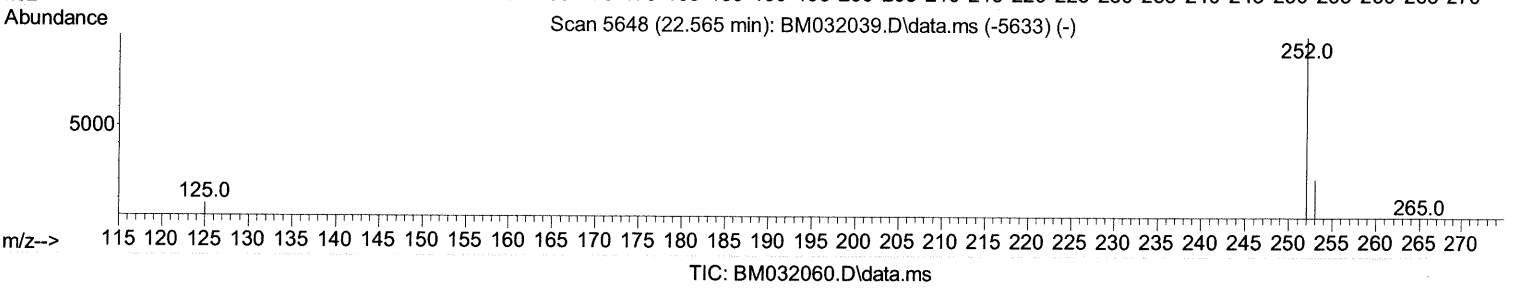

TIC: BM032060.D\data.ms

(24) Benzo(b)fluoranthene

22.548min (-0.017) 0.40 ng/ul

response 14521

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.50	33.91
125.00	14.20	26.97
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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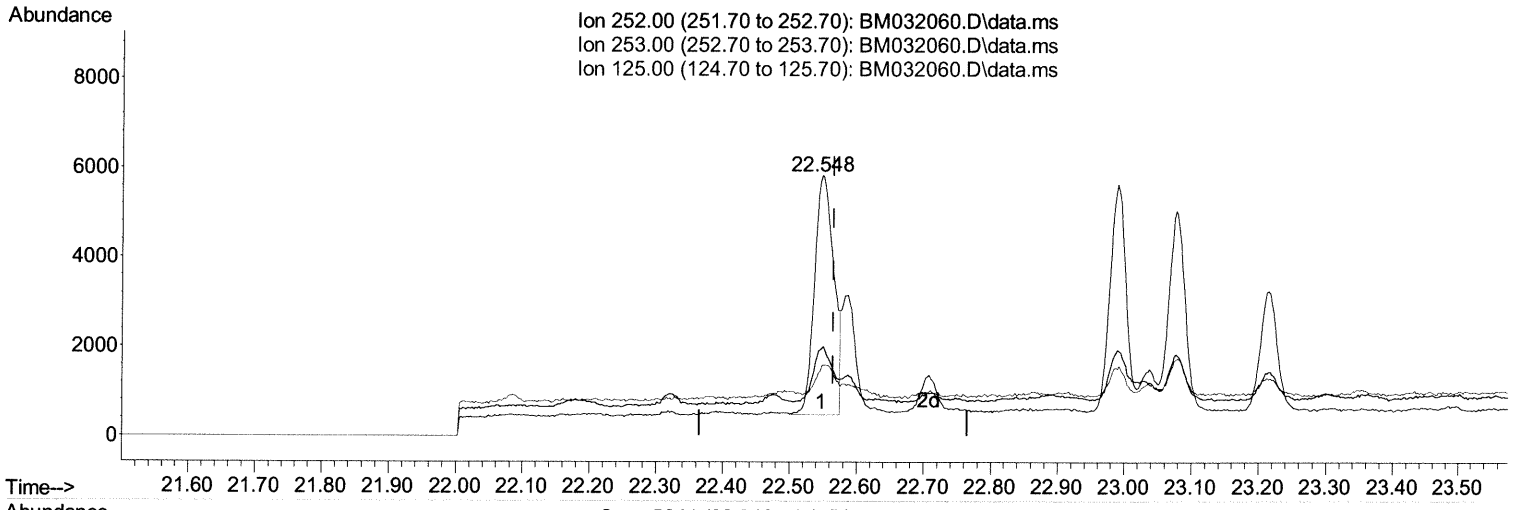
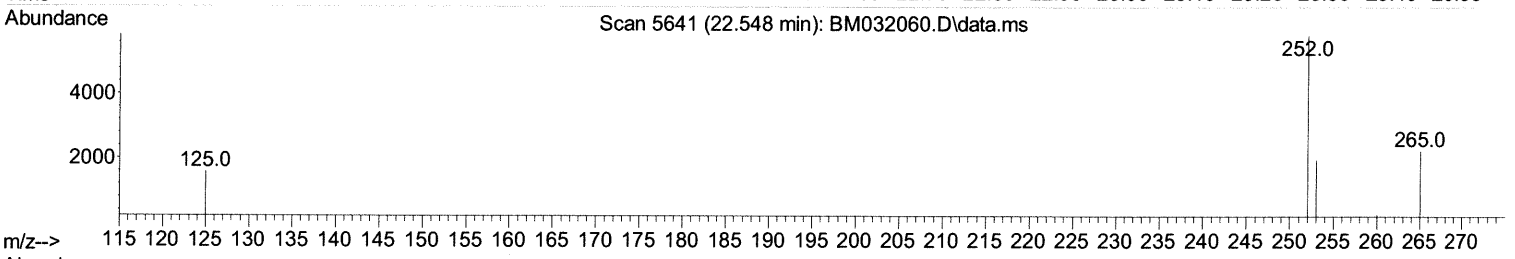
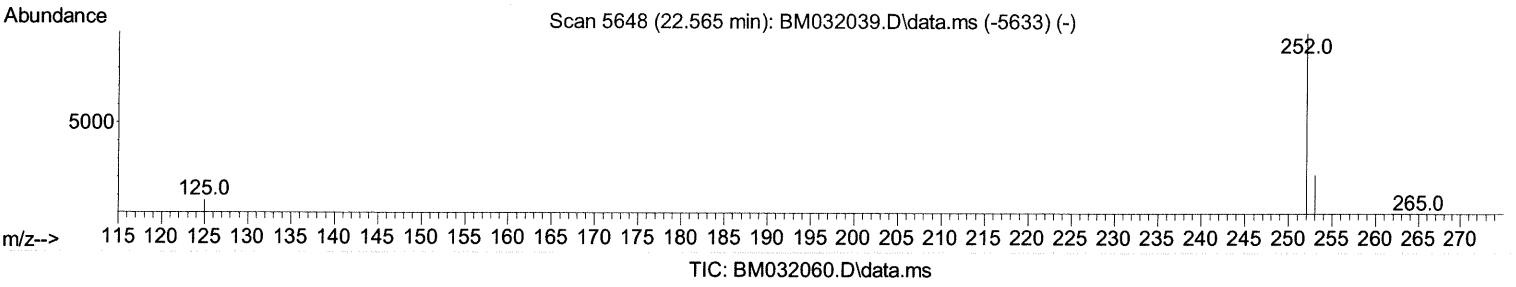
BNA_M
ClientSampleId :
C0AW2

Manual Integrations APPROVED
mohammad
9/7/2021 11:37:53 AM







TIC: BM032060.D\data.ms

(24) Benzo(b)fluoranthene

22.548min (-0.017) 0.29 ng/ul m 09/08/21 JU

response 10713

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.50	33.91
125.00	14.20	26.97
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090321\
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Sample : M3486-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Sep 04 04:58:49 2021
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QLast Update : Fri Sep 03 16:21:27 2021
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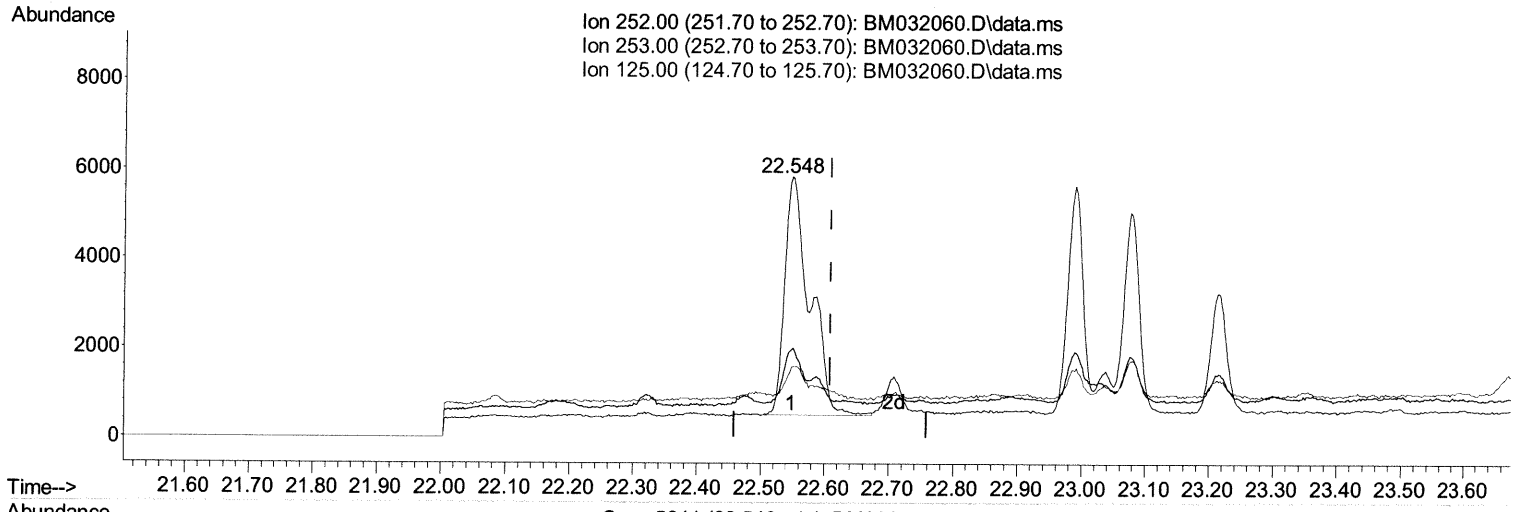
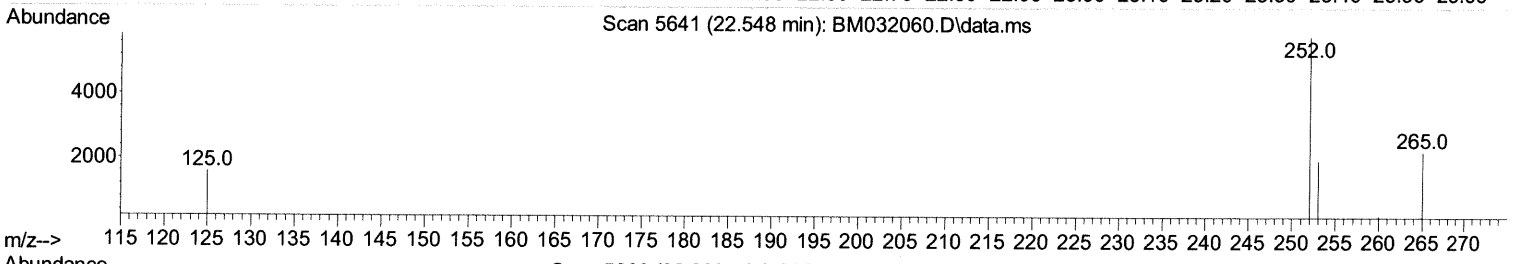
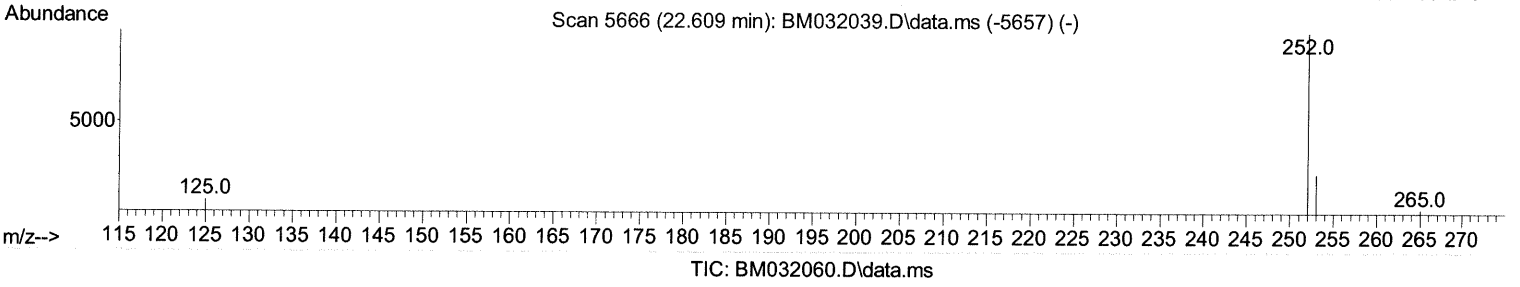
Instrument :
BNA_M
ClientSampleId :
C0AW2

Manual Integrations APPROVED
mohammad
9/7/2021 11:37:53 AM







TIC: BM032060.D\data.ms

(25) Benzo(k)fluoranthene

22.548min (-0.061) 0.39 ng/ul

response 14521

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.50	33.91
125.00	13.70	26.97#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
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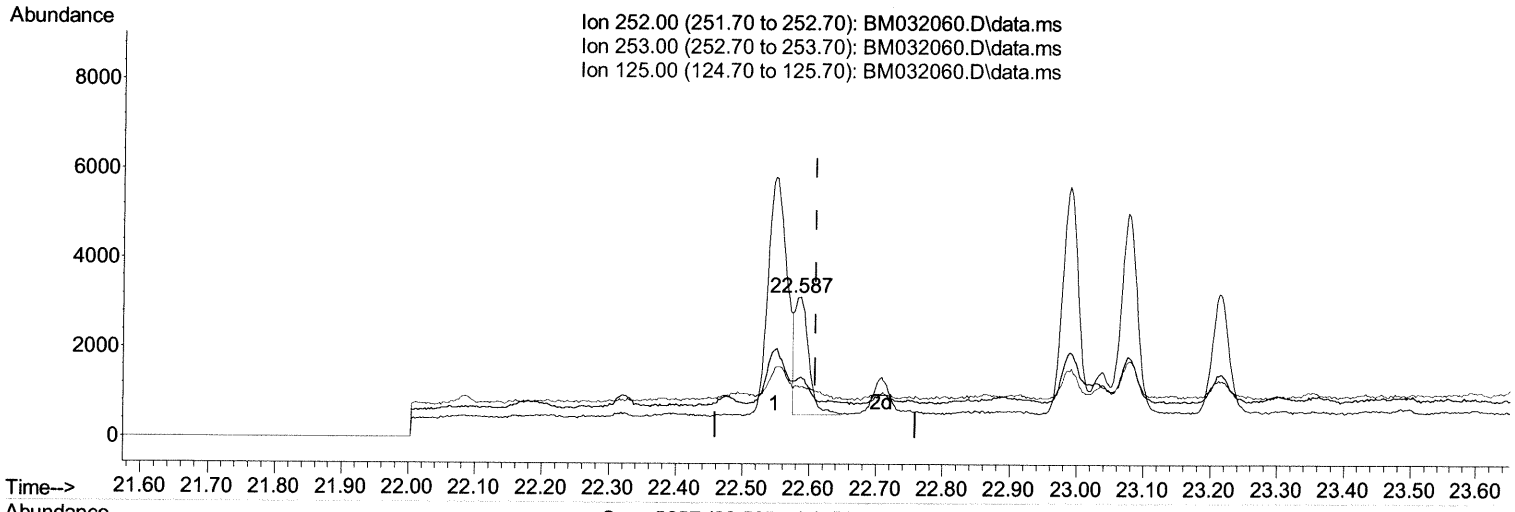
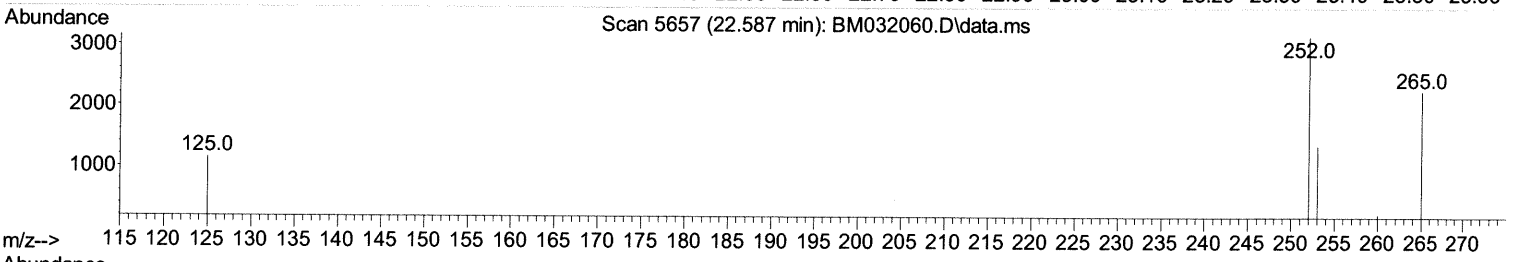
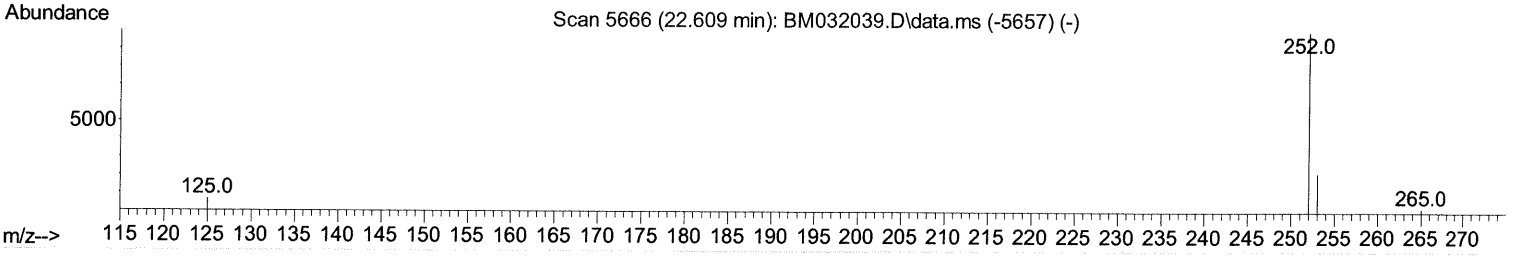
Manual Integrations APPROVED
mohammad
9/7/2021 11:37:53 AM







TIC: BM032060.D\data.ms

(25) Benzo(k)fluoranthene

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

response 3834

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.50	43.29#
125.00	13.70	36.49#
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	7.452	152	2033	0.400	ng/ul	0.00
4) Naphthalene-d8	10.203	136	7090	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.095	164	4251	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.851	188	7864	0.400	ng/ul	-0.01
17) Chrysene-d12	21.059	240	6565	0.400	ng/ul	-0.01
23) Perylene-d12	23.171	264	7936	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.061	96	4586	2.054	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.809	152	1758	0.160	ng/ul	-0.01
18) Fluoranthene-d10	18.892	212	3443	0.179	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.253	128	1821	0.097	ng/ul	95
7) 2-Methylnaphthalene	11.885	142	1704	0.130	ng/ul	99
8) 1-Methylnaphthalene	12.106	142	1439	0.111	ng/ul	99
10) Acenaphthylene	13.815	152	997	0.058	ng/ul#	78
11) Acenaphthene	14.159	153	283m	0.020	ng/ul	09/08/2134
12) Fluorene	15.160	166	336	0.021	ng/ul#	88
14) Pentachlorophenol	16.525	266	76	0.037	ng/ul#	77
15) Phenanthrene	16.893	178	6001	0.251	ng/ul	98
16) Anthracene	16.987	178	909	0.043	ng/ul#	84
19) Fluoranthene	18.923	202	9609	0.339	ng/ul	99
20) Pyrene	19.285	202	10369	0.355	ng/ul	98
21) Benzo(a)anthracene	21.045	228	5555	0.232	ng/ul	93
22) Chrysene	21.093	228	7904	0.287	ng/ul#	93
24) Benzo(b)fluoranthene	22.548	252	10713m	0.294	ng/ul	09/08/2134
25) Benzo(k)fluoranthene	22.587	252	3834m	0.102	ng/ul	
26) Benzo(a)pyrene	23.076	252	7518	0.236	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.237	276	6288	0.145	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.242	278	2074	0.059	ng/ul#	24
29) Benzo(g,h,i)perylene	25.870	276	10369	0.268	ng/ul#	89

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