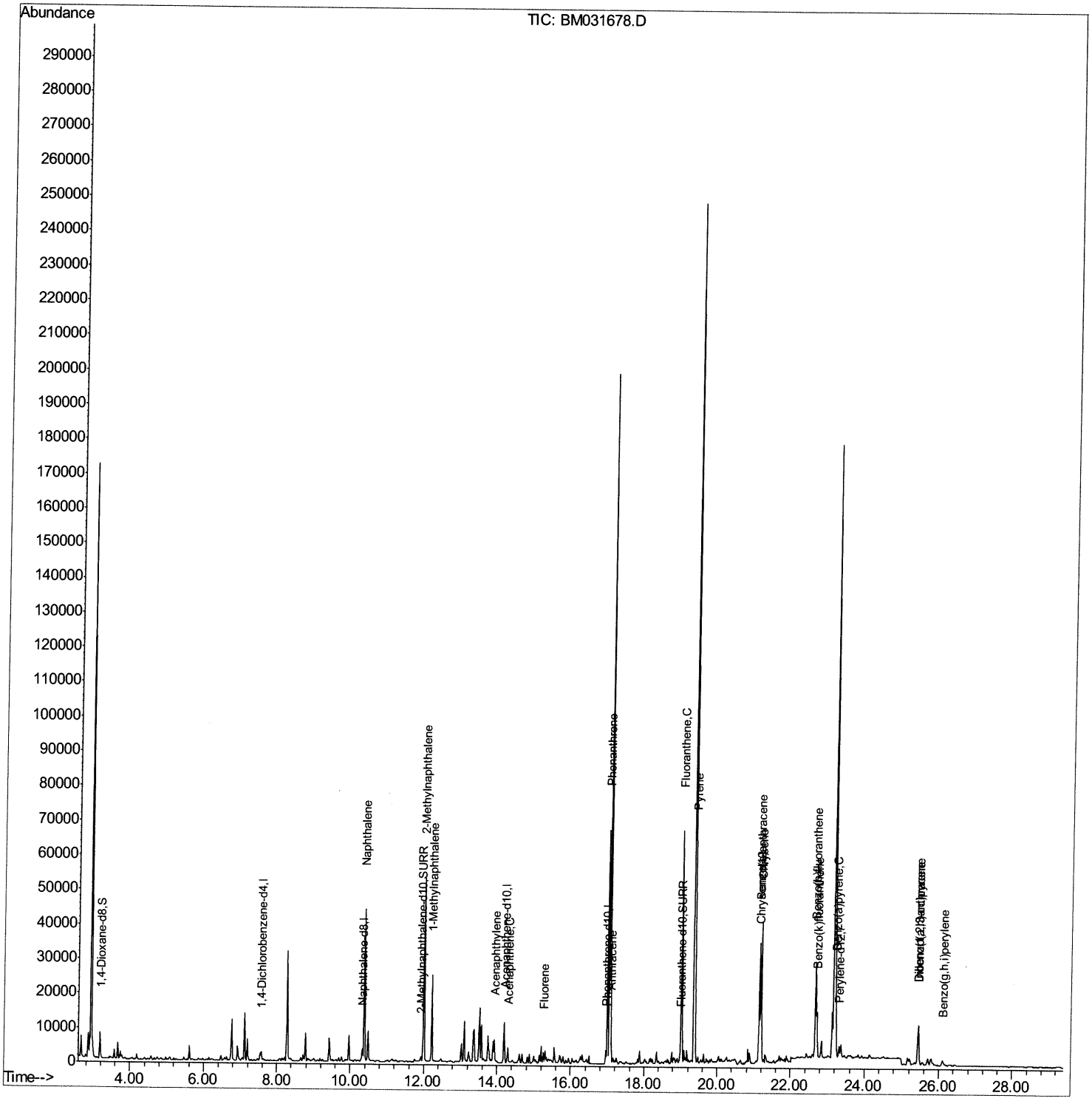
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031678.D
Acq On : 12 Aug 2021 15:38
Operator : CG/JU
Sample : M3182-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 12 16:15:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 11:28:10 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00D2

Manual Integrations APPROVED
mohammad
8/13/2021 5:14:02 PM



Quantitation Report (Qedit)

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Acq On : 12 Aug 2021 15:38
Operator : CG/JU
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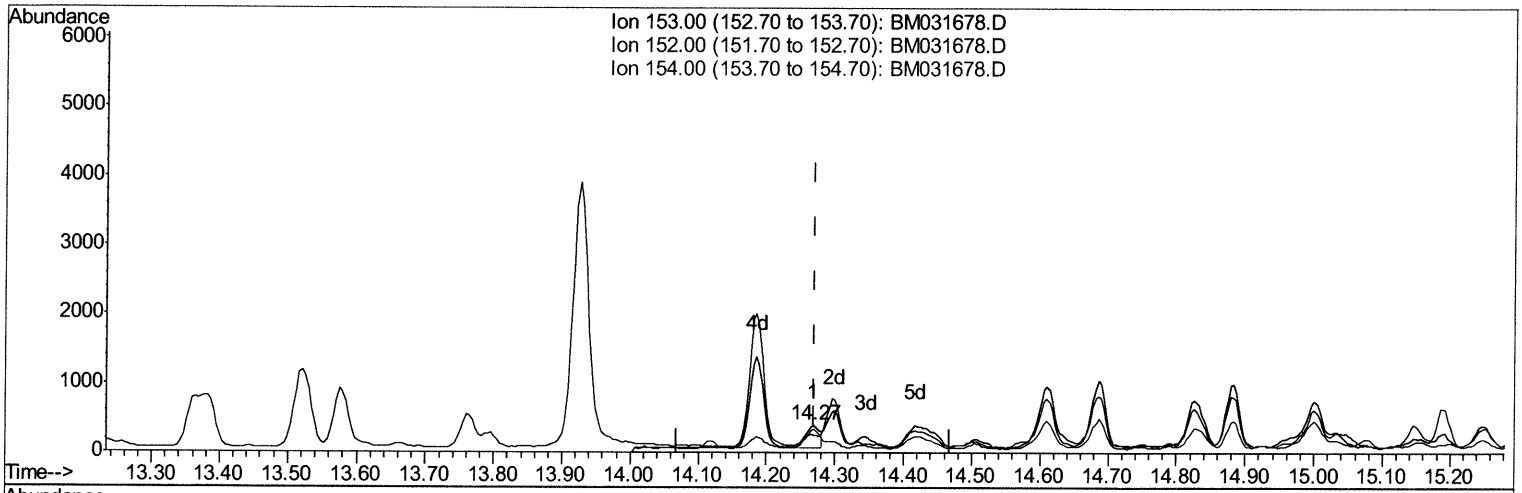

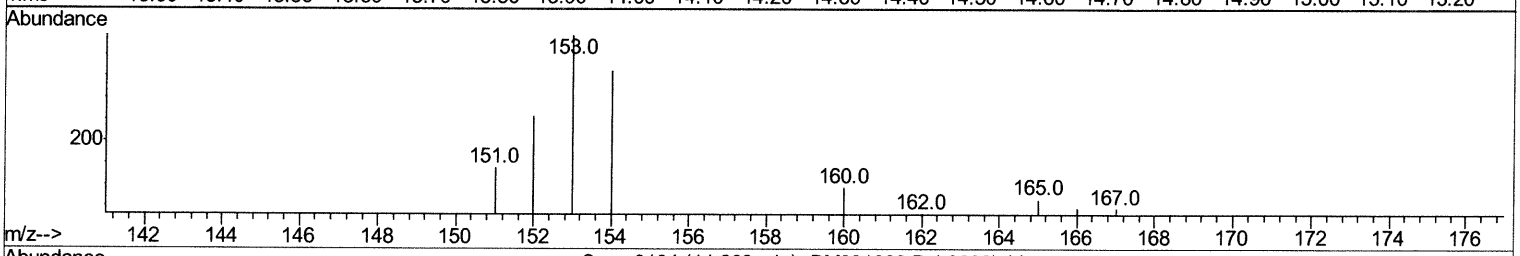

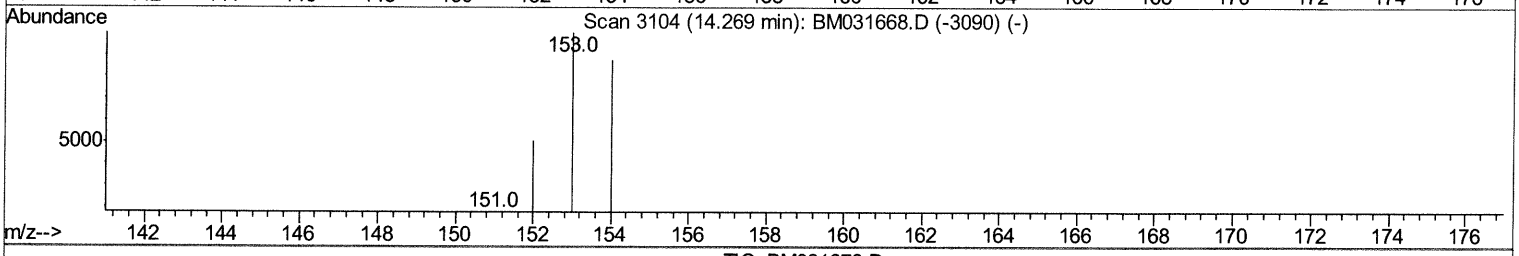

TIC: BM031678.D

(11) Acenaphthene (C)

14.269min (-0.000) 0.05ng/ul

response 465

Ion	Exp%	Act%
153.00	100	100
152.00	50.90	62.03#
154.00	87.70	83.54
0.00	0.00	0.00

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mohammad
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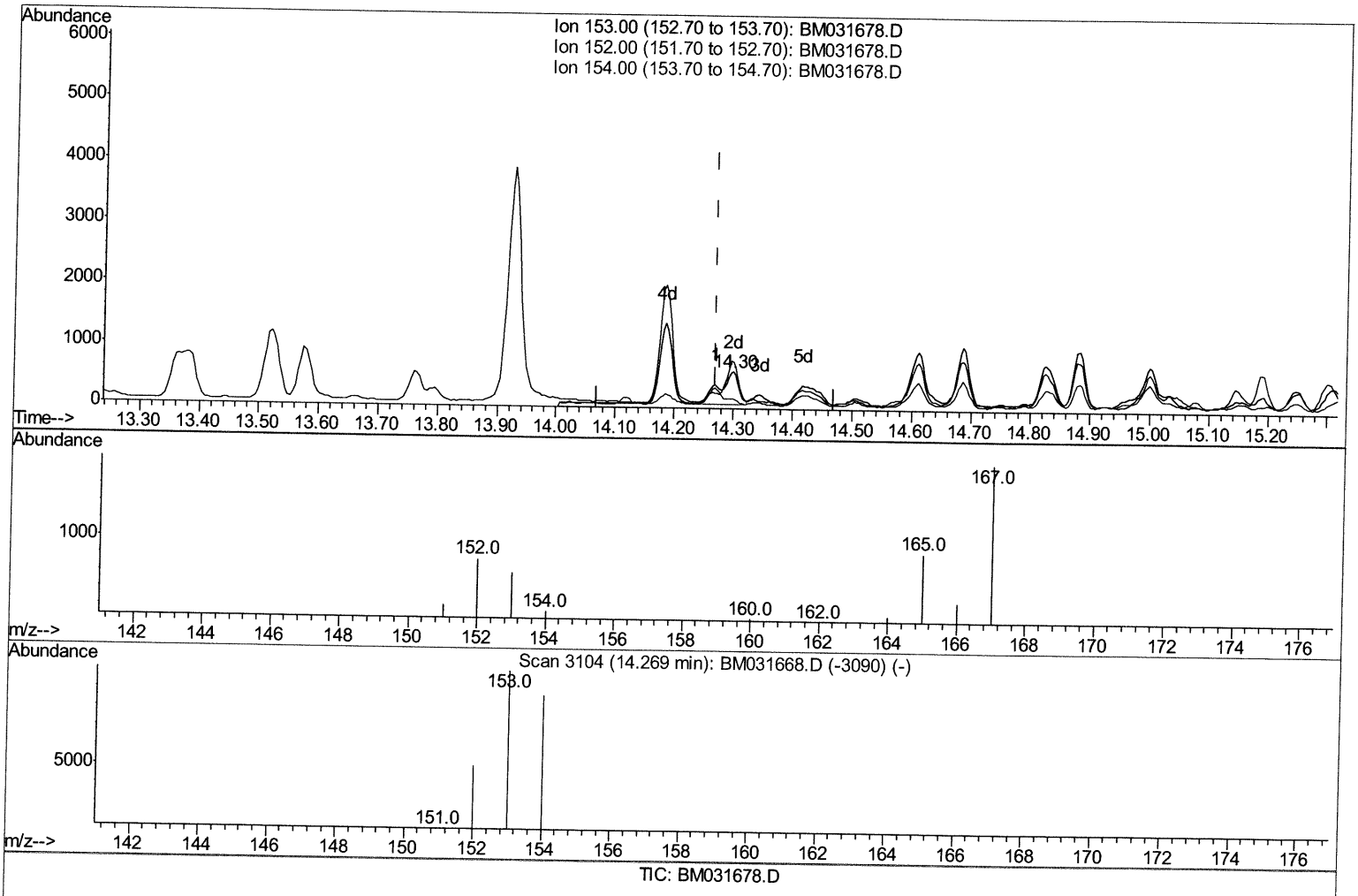

TIC: BM031678.D

(11) Acenaphthene (C)

14.299min (+0.030) 0.12ng/ul m 08/16/21 JU

response 1221

Ion	Exp%	Act%
153.00	100	100
152.00	50.90	126.20#
154.00	87.70	26.70#
0.00	0.00	0.00

Quantitation Report (Qedit)

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BNA_M
ClientSampleId :
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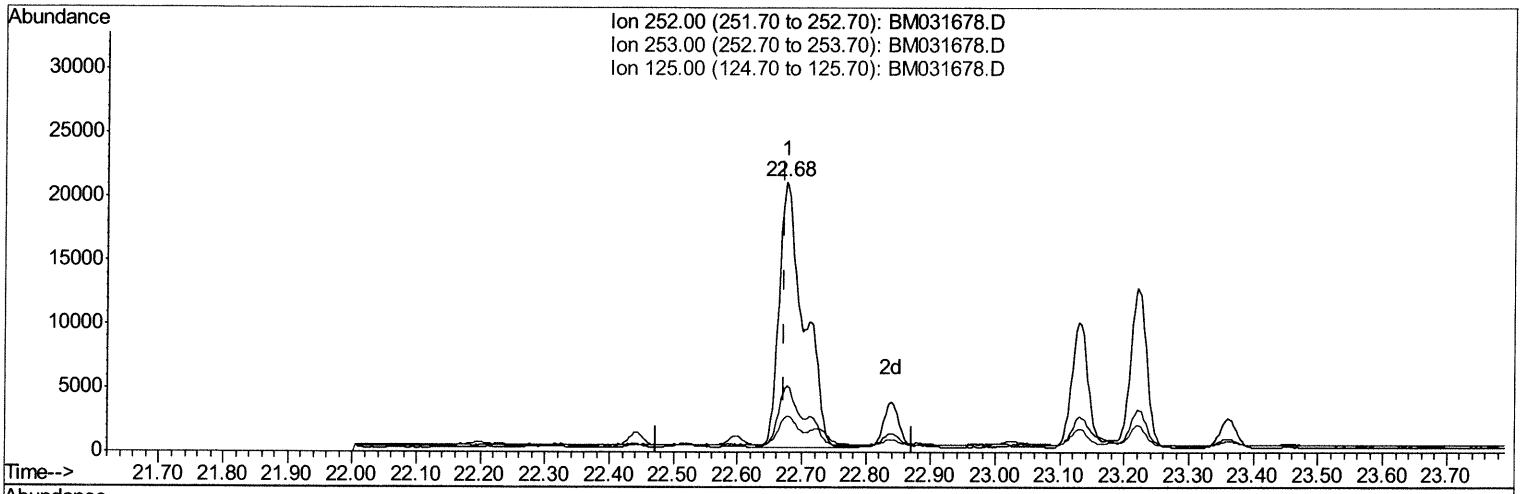
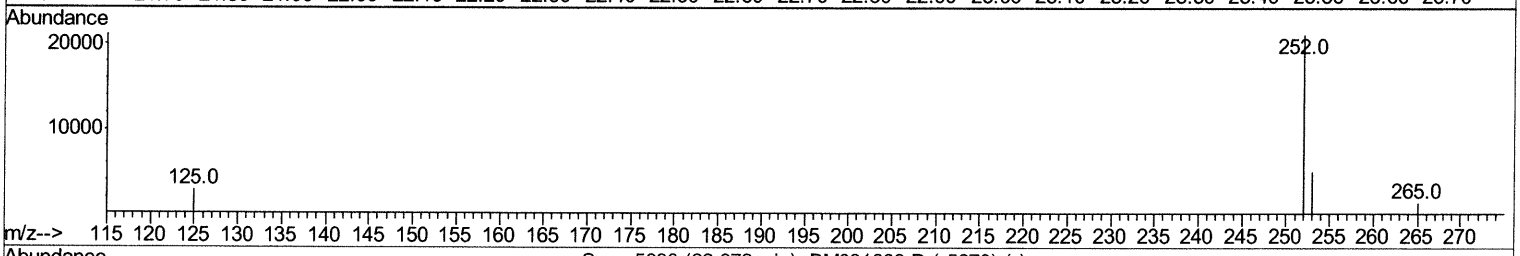
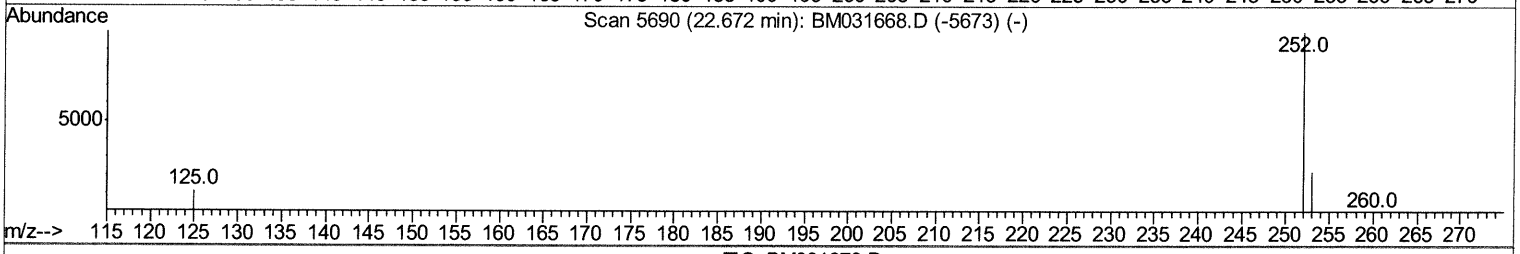
Manual Integrations APPROVED
mohammad
8/13/2021 5:14:02 PM







TIC: BM031678.D

(24) Benzo(b)fluoranthene

22.675min (+0.003) 3.33ng/ul

response 55870

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	24.10
125.00	11.40	13.30
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031678.D
Acq On : 12 Aug 2021 15:38
Operator : CG/JU
Sample : M3182-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 12 16:12:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
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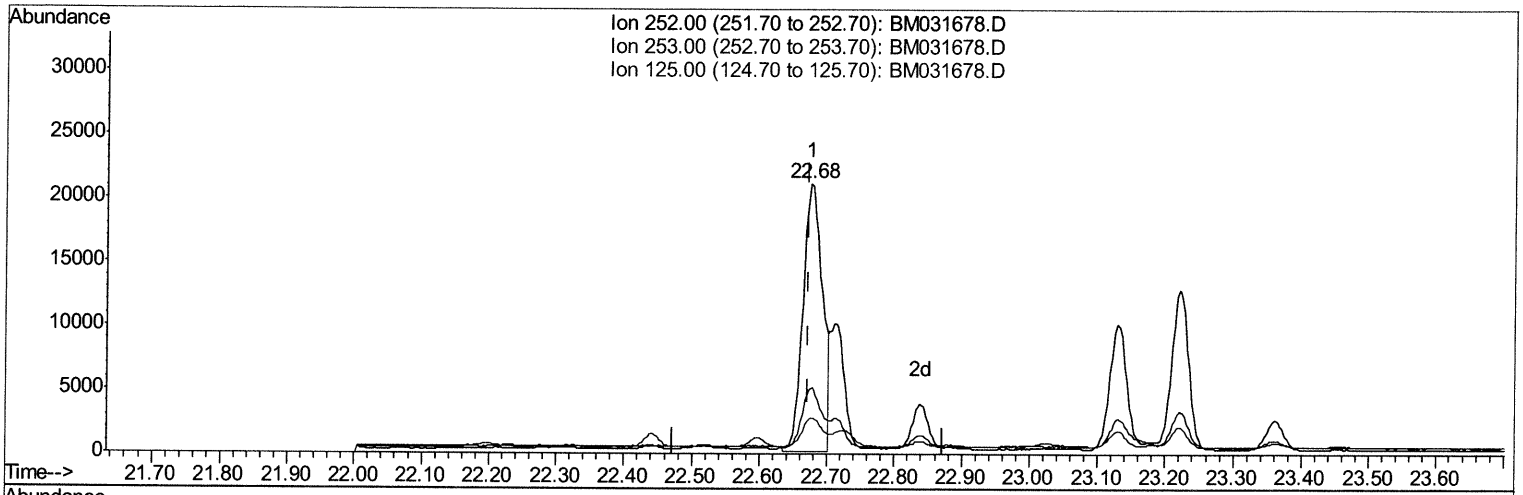
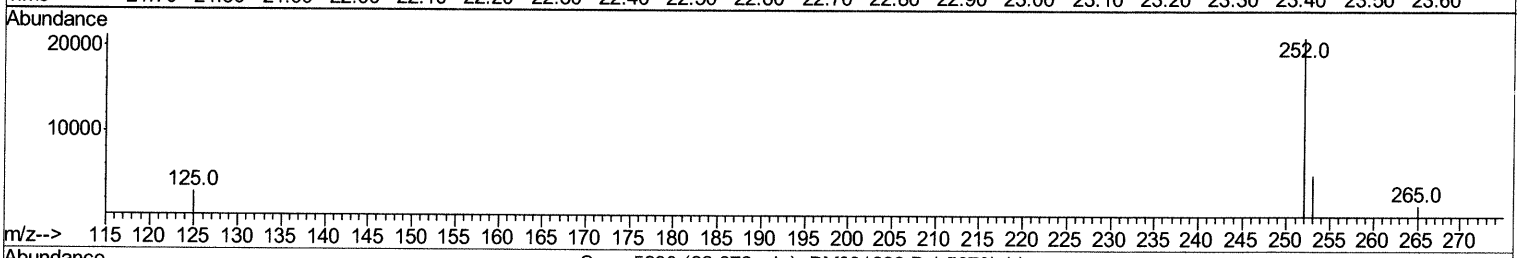
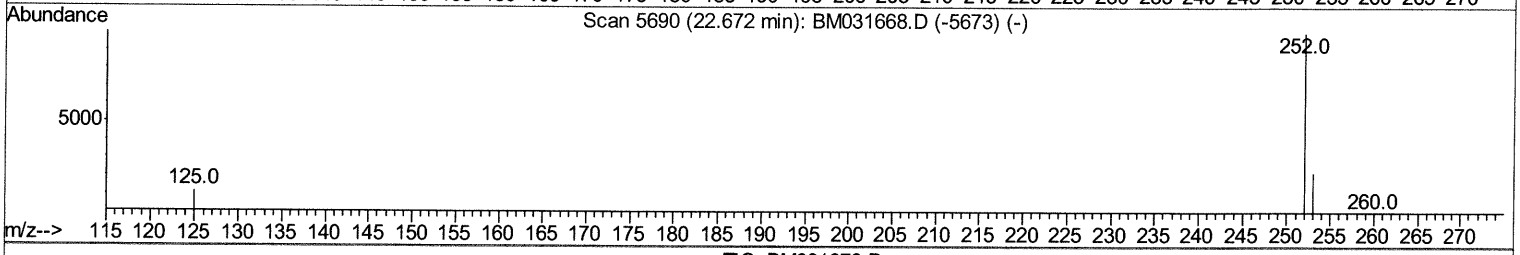
Instrument :
BNA_M
ClientSampleId :
C00D2

Manual Integrations APPROVED
mohammad
8/13/2021 5:14:02 PM







TIC: BM031678.D

(24) Benzo(b)fluoranthene

22.675min (+0.003) 2.52ng/ul m 08/11/21/JU

response 42247

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	24.10
125.00	11.40	13.30
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
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Acq On : 12 Aug 2021 15:38
Operator : CG/JU
Sample : M3182-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 12 16:12:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
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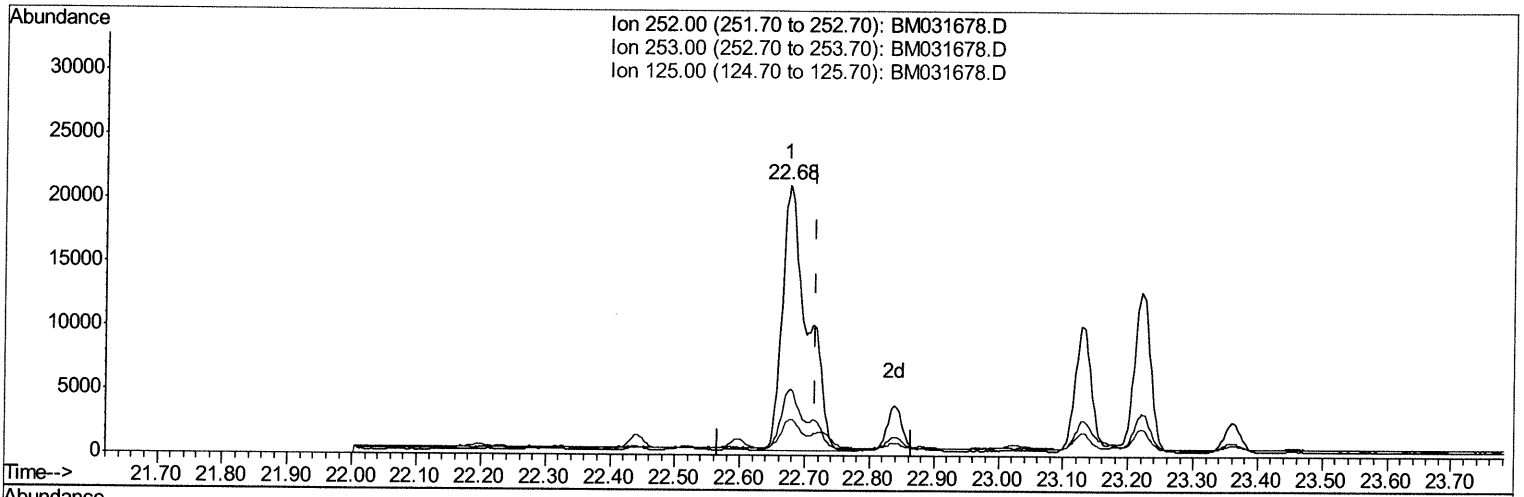
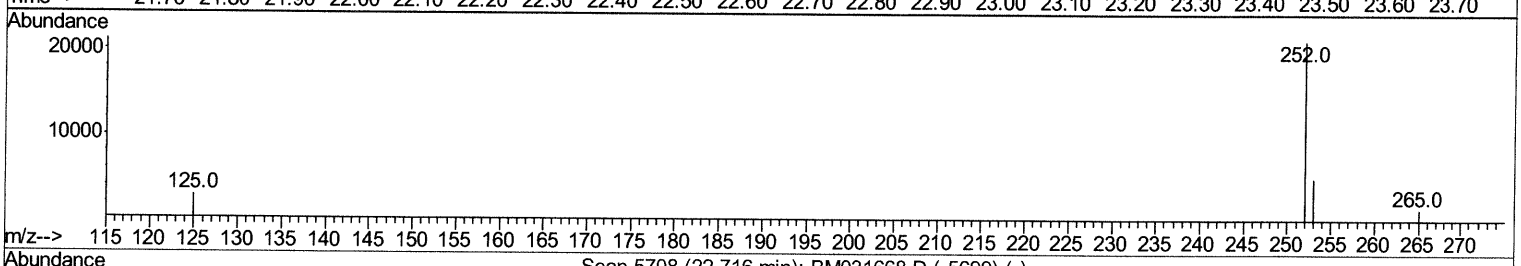
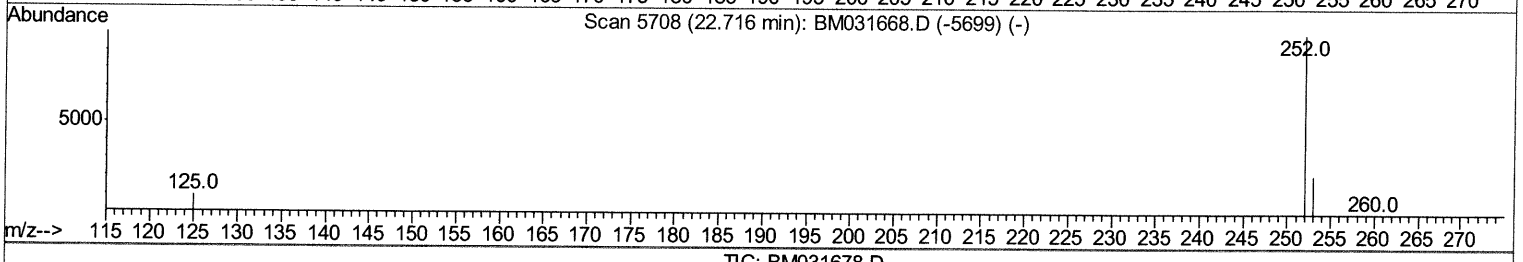
Instrument :
BNA_M
ClientSampleId :
C00D2

Manual Integrations APPROVED
mohammad
8/13/2021 5:14:02 PM







TIC: BM031678.D

(25) Benzo(k)fluoranthene

22.675min (-0.041) 3.22ng/ul

response 55857

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	24.10
125.00	11.00	13.30#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : CG/JU
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Misc :
ALS Vial : 12 Sample Multiplier: 1

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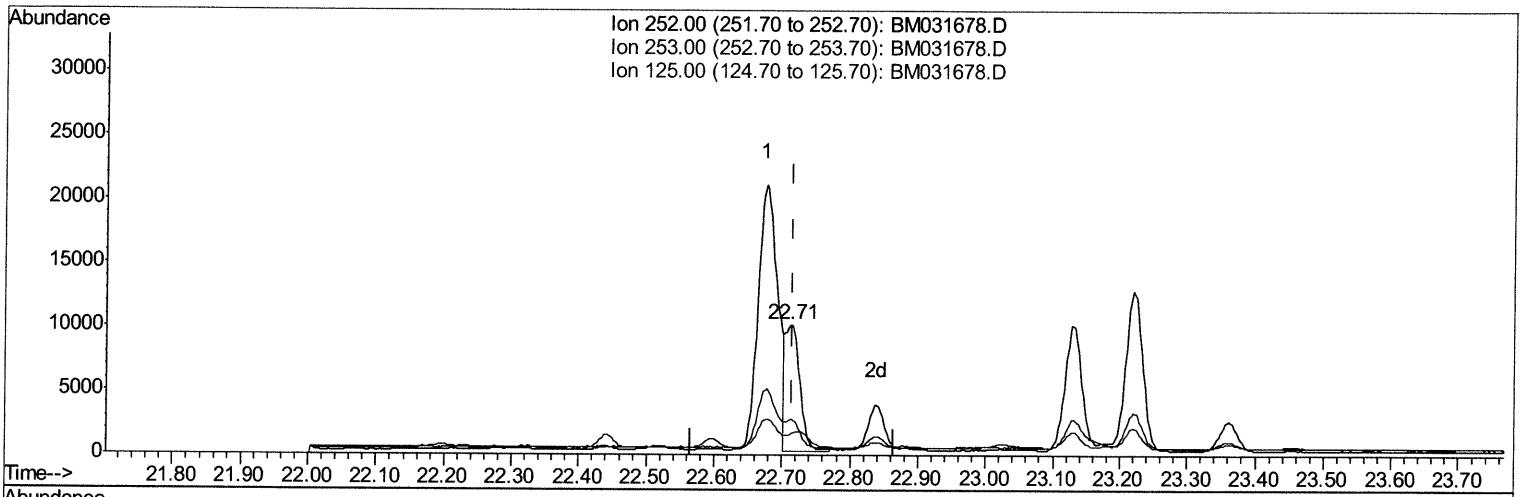
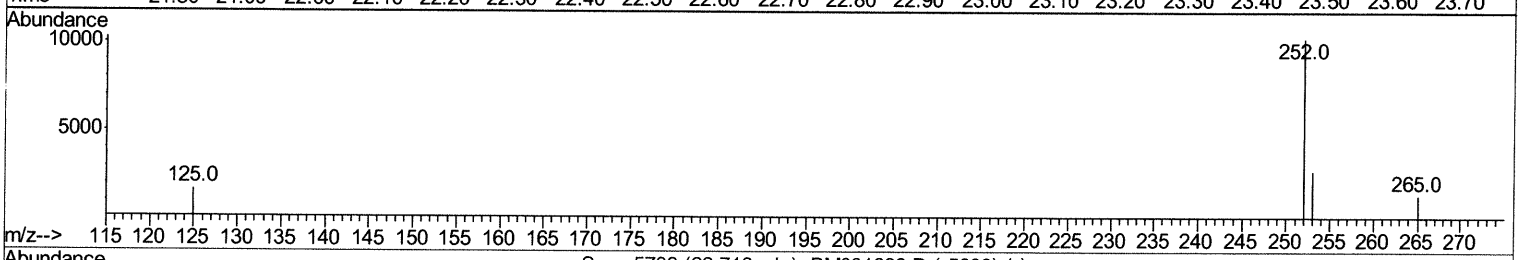
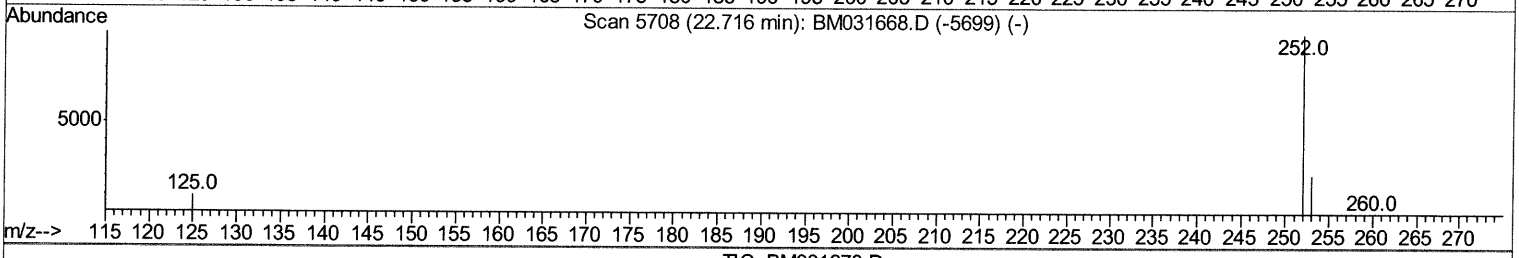
Instrument :
BNA_M
ClientSampleId :
C00D2

Manual Integrations APPROVED
mohammad
8/13/2021 5:14:02 PM







TIC: BM031678.D

(25) Benzo(k)fluoranthene

22.712min (-0.004) 0.86ng/ul m 08/16/21 JU

response 14968

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	26.85
125.00	11.00	16.40#
0.00	0.00	0.00

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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
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Manual Integrations APPROVED
mohammad
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	1220	0.40	ng/ul	0.00
4) Naphthalene-d8	10.33	136	4449	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.20	164	2826	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.96	188	4618	0.40	ng/ul	0.00
17) Chrysene-d12	21.16	240	3798	0.40	ng/ul	0.00
23) Perylene-d12	23.31	264	3725	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	4712	3.48	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.92	152	1780	0.24	ng/ul	0.00
18) Fluoranthene-d10	18.99	212	3522	0.28	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.38	128	59252	4.471	ng/ul	97
7) 2-Methylnaphthalene	12.00	142	36744	4.058	ng/ul	100
8) 1-Methylnaphthalene	12.22	142	16581	1.853	ng/ul	100
10) Acenaphthylene	13.93	152	6373	0.529	ng/ul	98
11) Acenaphthene	14.30	153	1221m >	0.121	ng/ul >	08/16/21 JU
12) Fluorene	15.26	166	1229	0.105	ng/ul#	74
15) Phenanthrene	17.00	178	71502	4.876	ng/ul	97
16) Anthracene	17.09	178	6723	0.490	ng/ul	99
19) Fluoranthene	19.02	202	58105	3.583	ng/ul	97
20) Pyrene	19.39	202	47834	2.908	ng/ul	96
21) Benzo(a)anthracene	21.14	228	28486	1.857	ng/ul	94
22) Chrysene	21.19	228	41388	2.608	ng/ul	97
24) Benzo(b)fluoranthene	22.68	252	42247m >	2.517	ng/ul >	08/16/21 JU
25) Benzo(k)fluoranthene	22.71	252	14968m	0.863	ng/ul	
26) Benzo(a)pyrene	23.22	252	22004	1.497	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.45	276	17002	0.895	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.45	278	4679	0.306	ng/ul#	76
29) Benzo(g,h,i)perylene	26.10	276	3027	0.187	ng/ul#	79

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