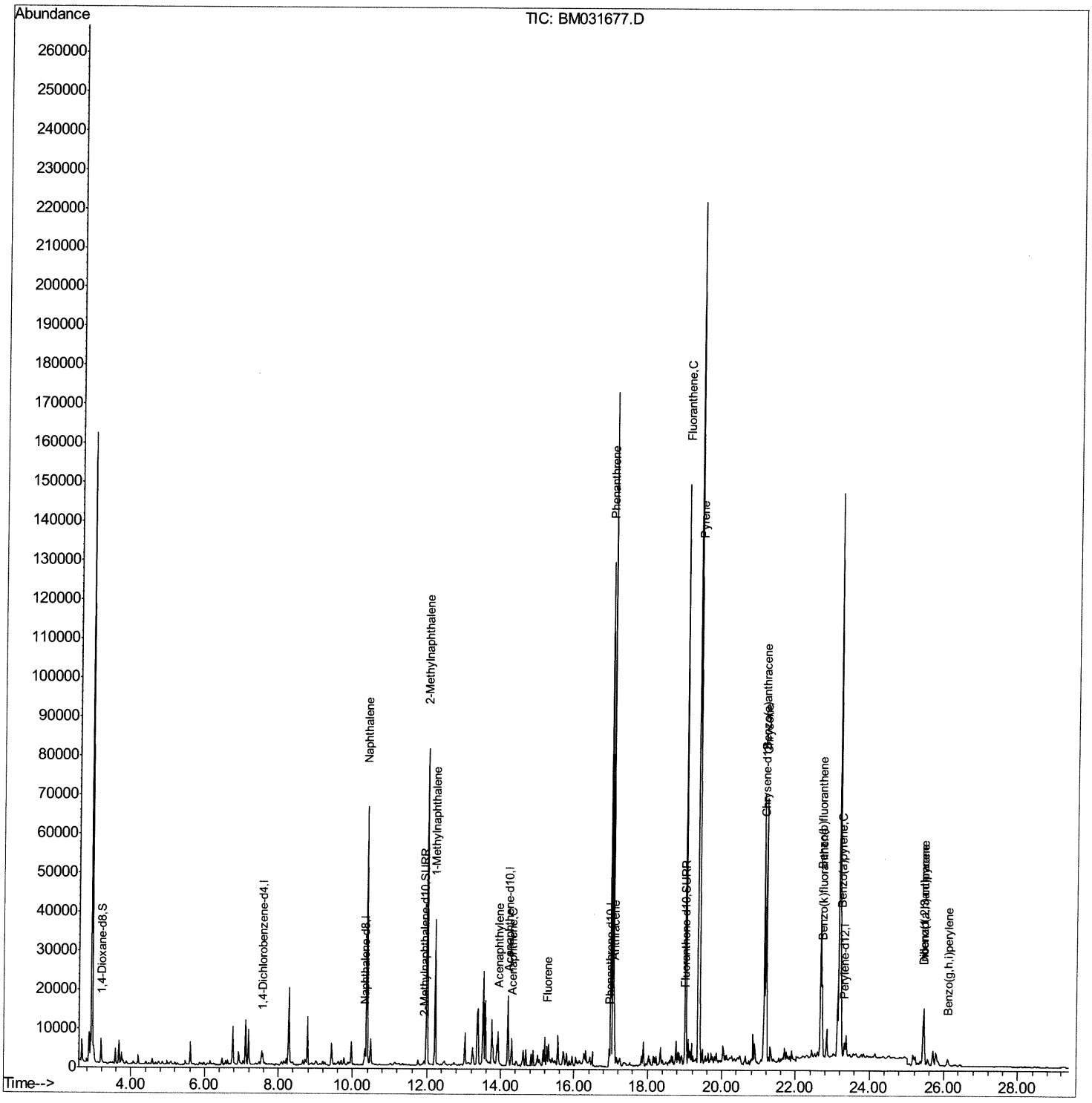
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031677.D
Acq On : 12 Aug 2021 15:01
Operator : CG/JU
Sample : M3182-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 12 15:41:13 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 :
C00D5

Manual Integrations APPROVED
mohammad
8/13/2021 5:13:59 PM



Quantitation Report (Qedit)

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Acq On : 12 Aug 2021 15:01
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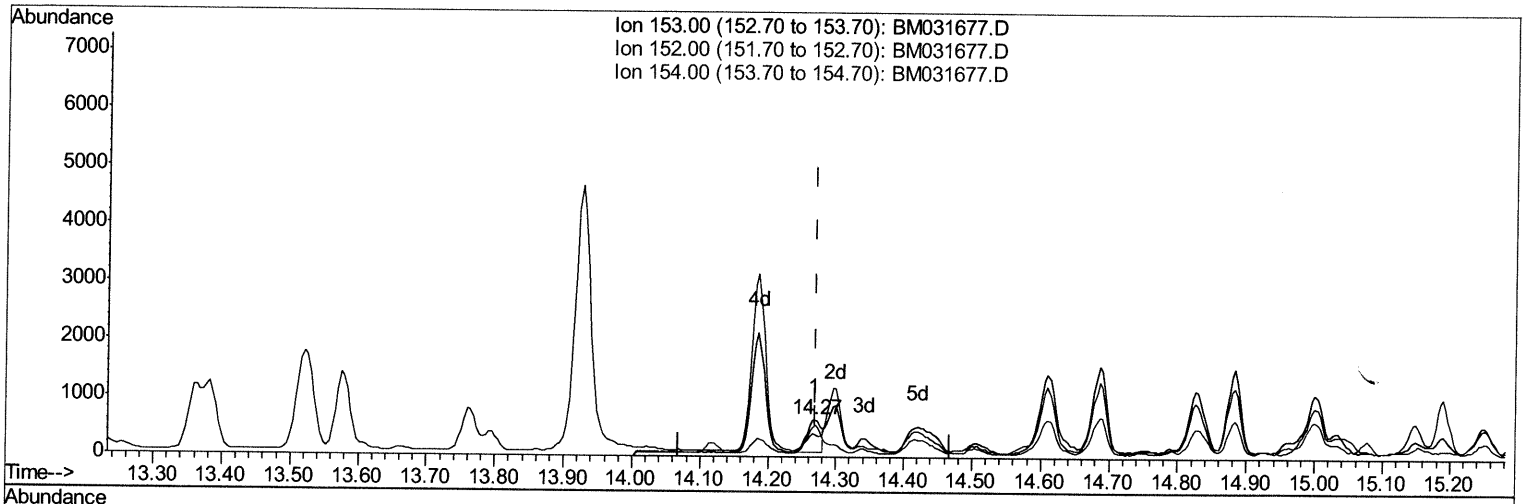

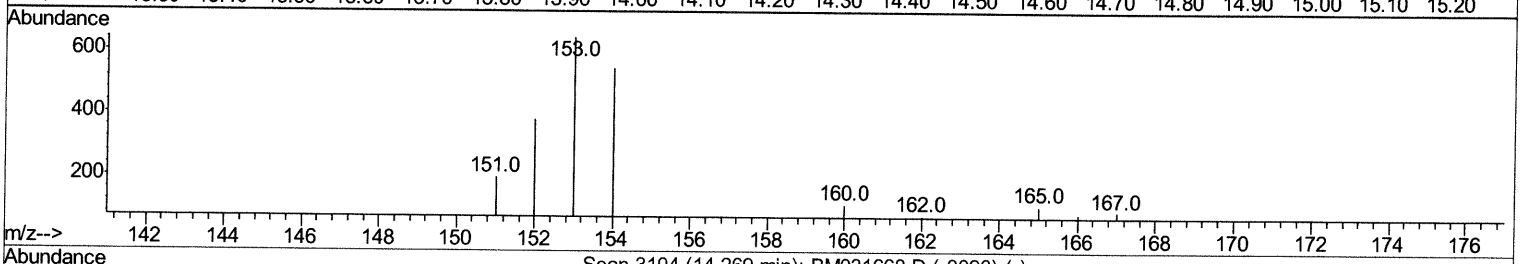

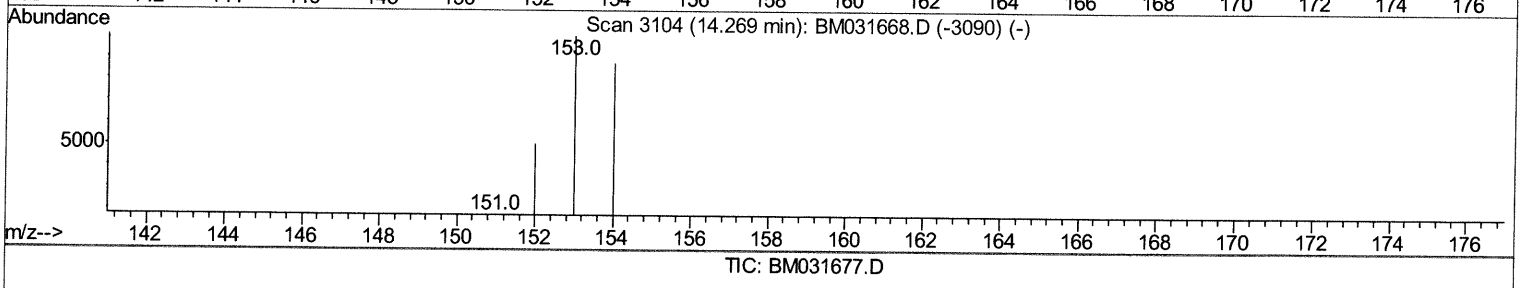

TIC: BM031677.D

(11) Acenaphthene (C)

14.269min (-0.000) 0.07ng/ul

response 819

Ion	Exp%	Act%
153.00	100	100
152.00	50.90	59.16
154.00	87.70	84.47
0.00	0.00	0.00

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Manual Integrations APPROVED
mohammad
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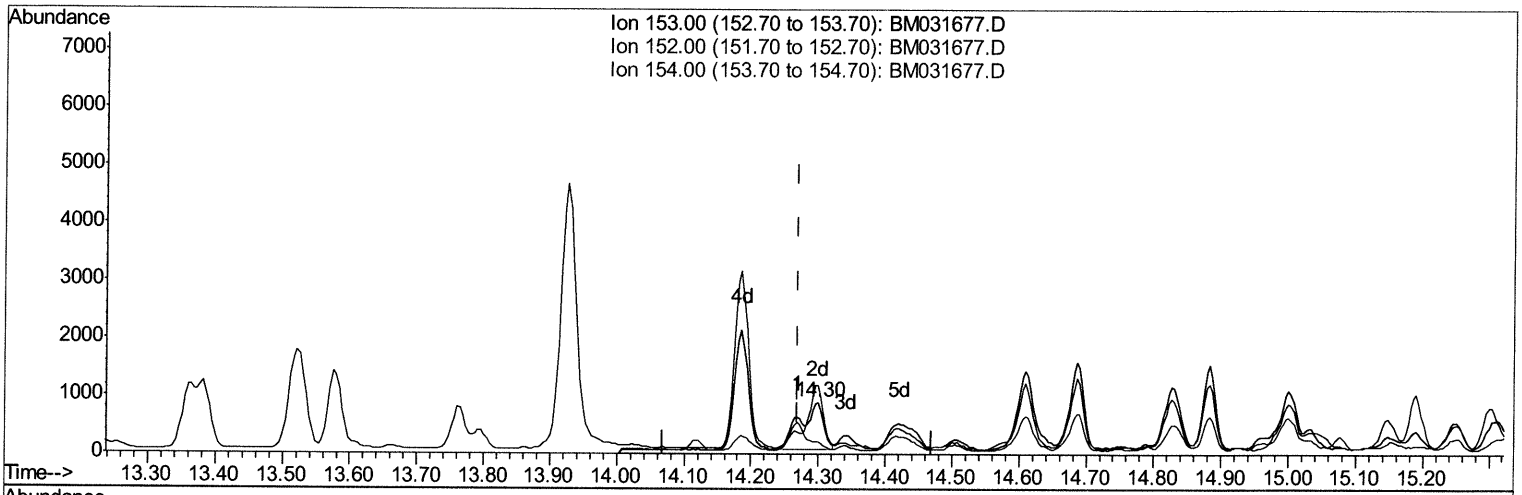

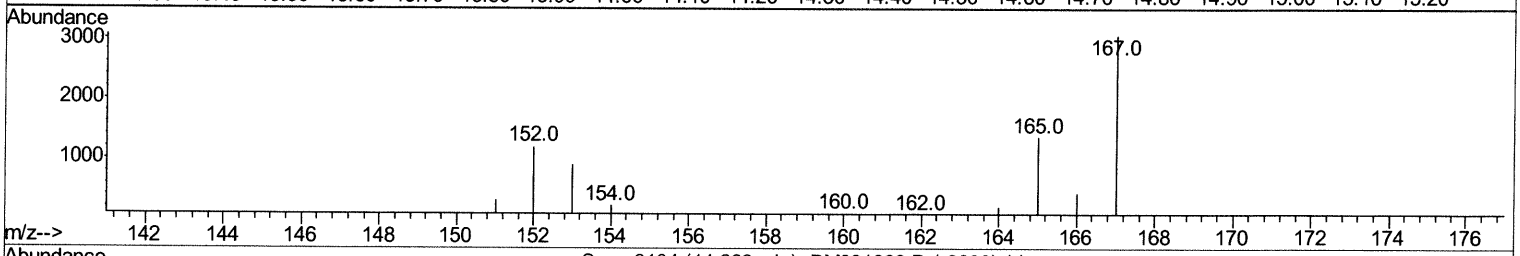

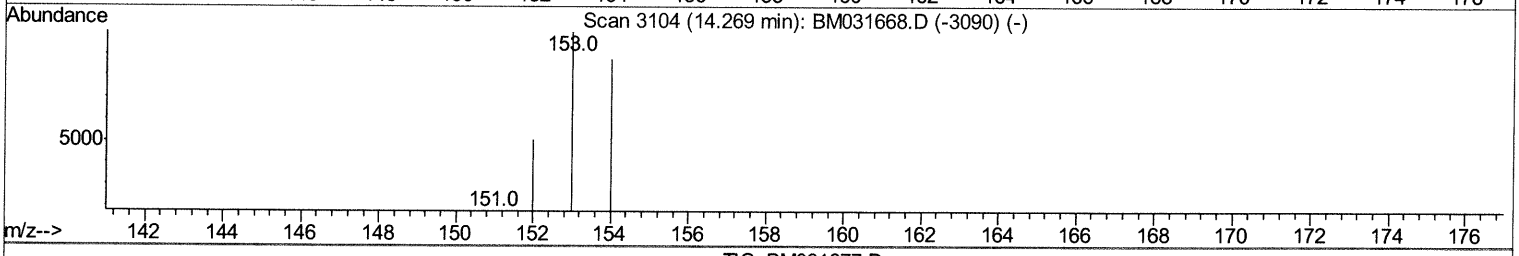

TIC: BM031677.D

(11) Acenaphthene (C)

14.299min (+0.030) 0.16ng/ul m 08/16/21 JU

response 1969

Ion	Exp%	Act%
153.00	100	100
152.00	50.90	132.21#
154.00	87.70	24.27#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
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BNA_M
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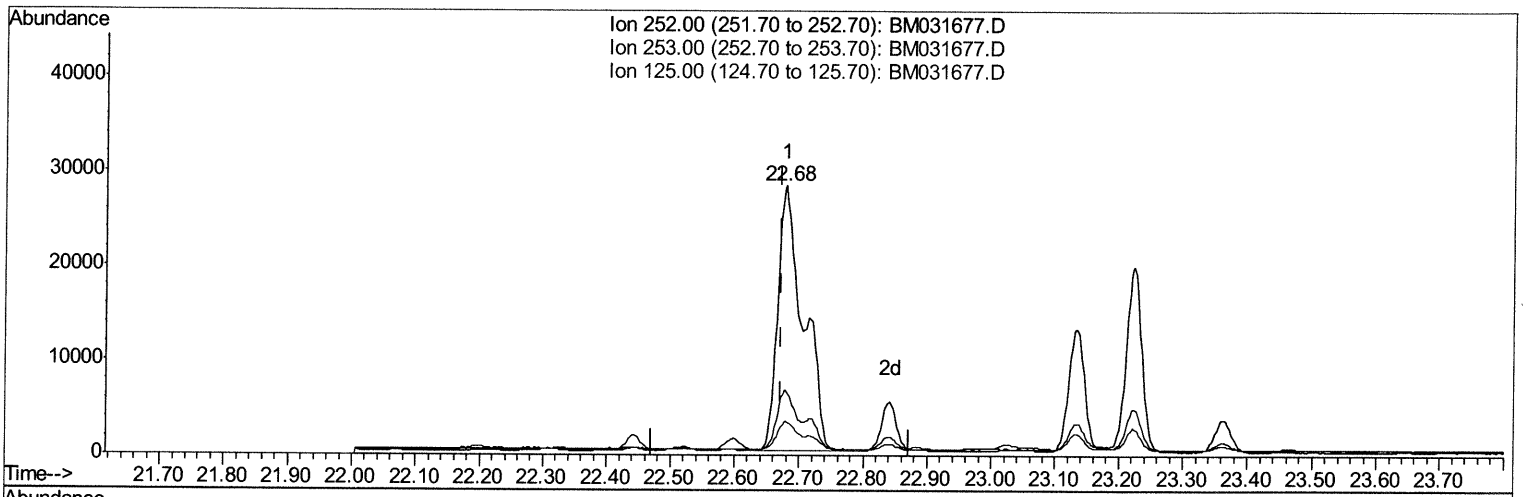
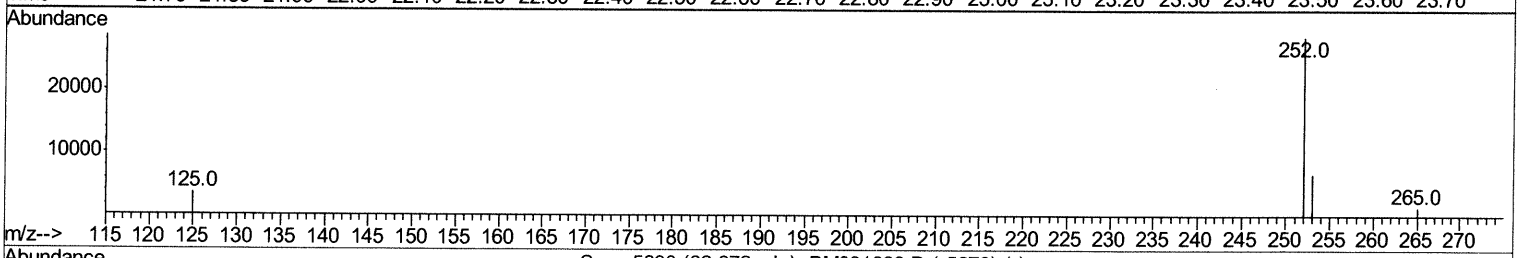
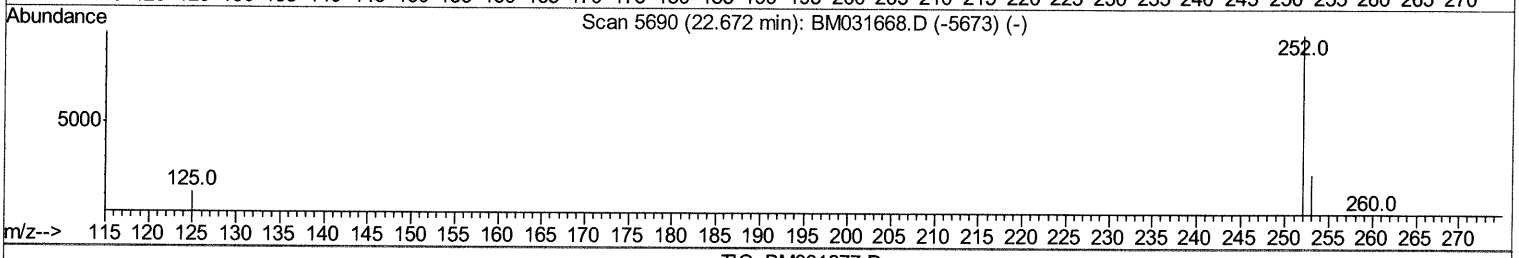
C00D5

Manual Integrations APPROVED
mohammad
8/13/2021 5:13:59 PM







TIC: BM031677.D

(24) Benzo(b)fluoranthene

22.679min (+0.007) 4.07ng/ul

response 77005

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	23.89
125.00	11.40	12.63
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031677.D
Acq On : 12 Aug 2021 15:01
Operator : CG/JU
Sample : M3182-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 12 15:38:07 2021
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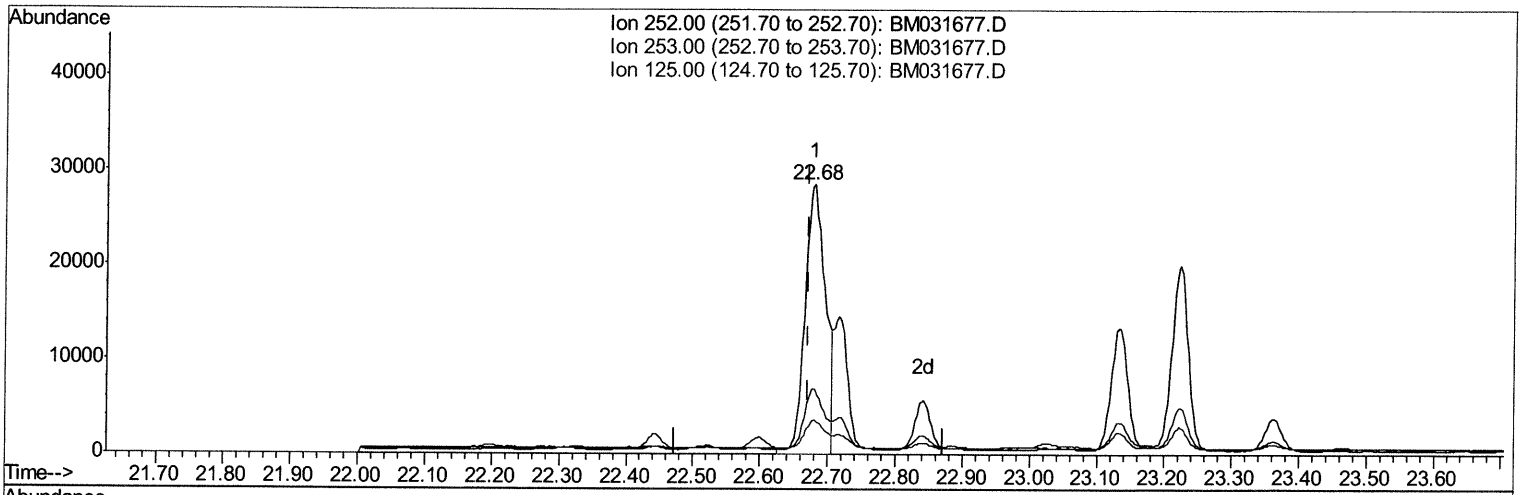
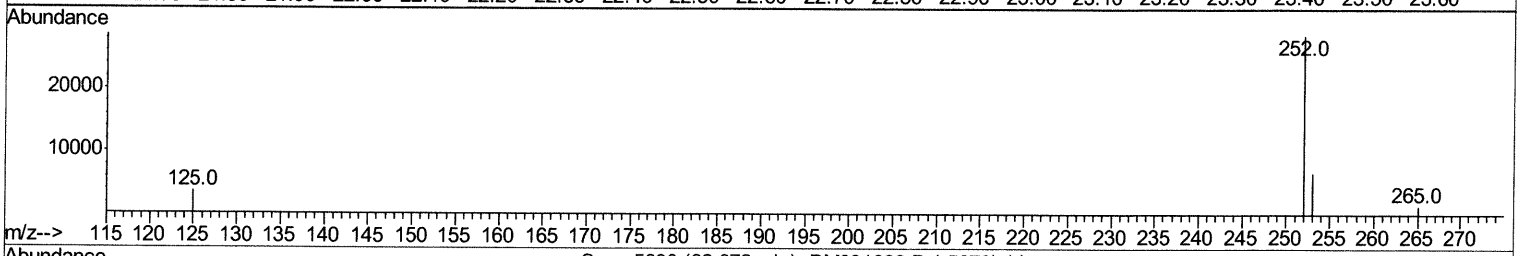
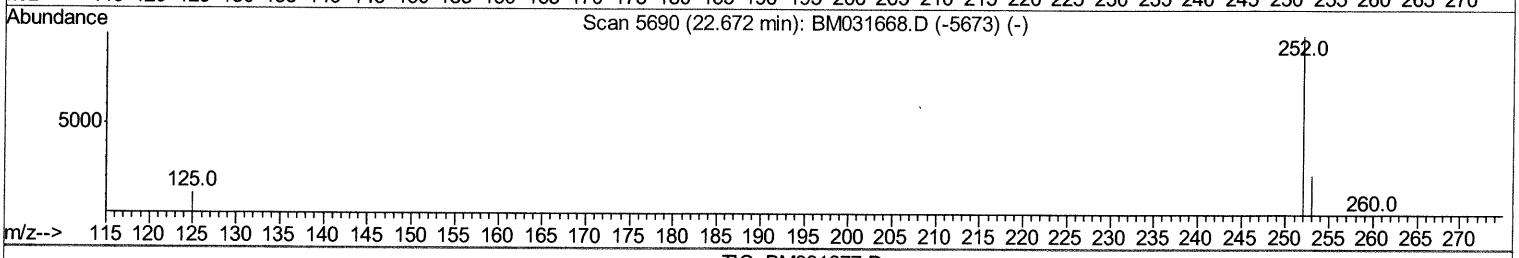
BNA_M
ClientSampleId :
C00D5

Manual Integrations APPROVED
mohammad
8/13/2021 5:13:59 PM







TIC: BM031677.D

(24) Benzo(b)fluoranthene

22.679min (+0.007) 3.13ng/ul m 08/16/21 JU

response 59231

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	23.89
125.00	11.40	12.63
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 15:01
Operator : CG/JU
Sample : M3182-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 12 15:38:07 2021
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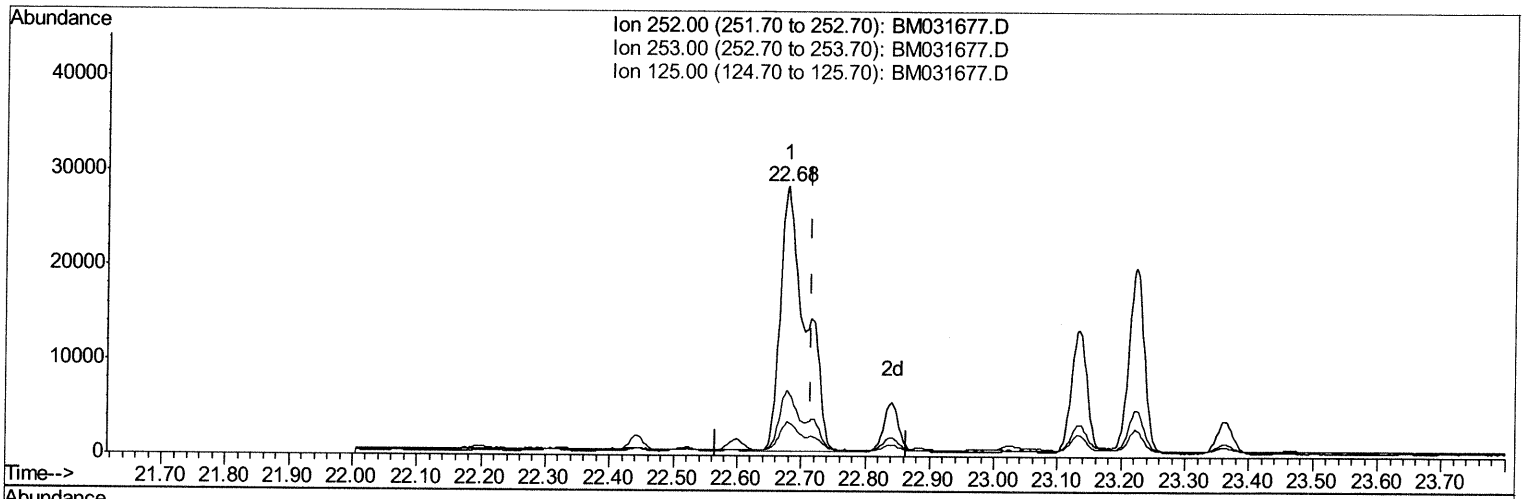
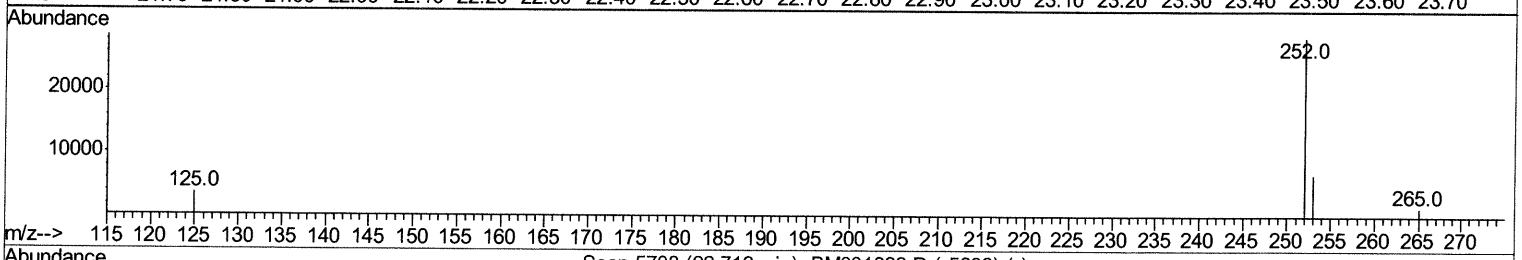
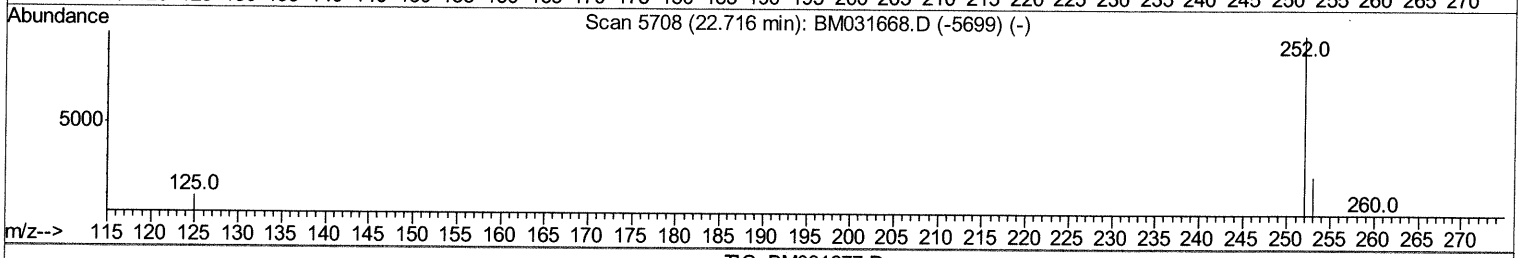
Instrument :
BNA_M
ClientSampleId :
C00D5

Manual Integrations APPROVED
mohammad
8/13/2021 5:13:59 PM







TIC: BM031677.D

(25) Benzo(k)fluoranthene

22.679min (-0.037) 3.93ng/ul

response 77005

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	23.89
125.00	11.00	12.63
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
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Operator : CG/JU
Sample : M3182-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 12 15:38:07 2021
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BNA_M
ClientSampleId :
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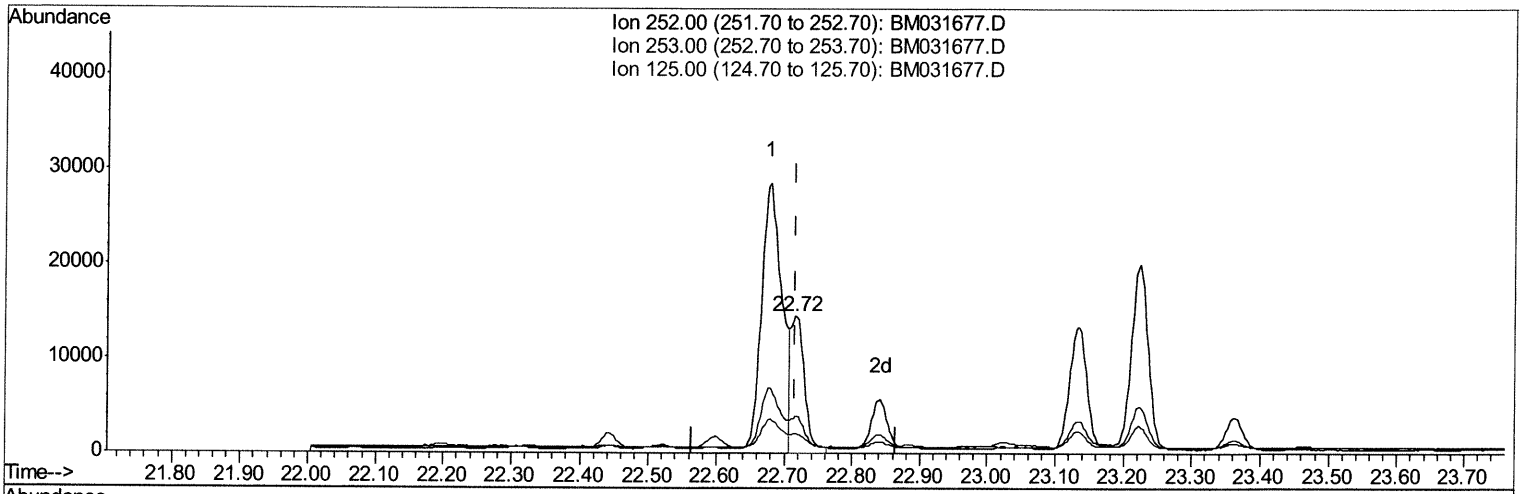
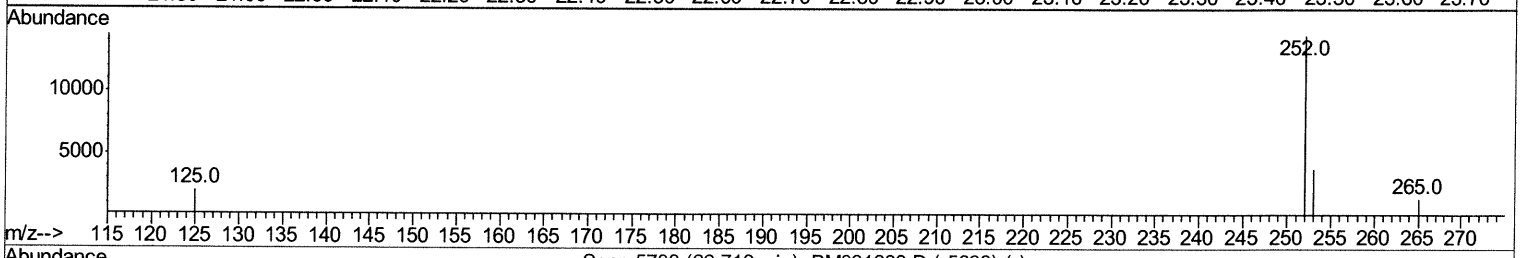
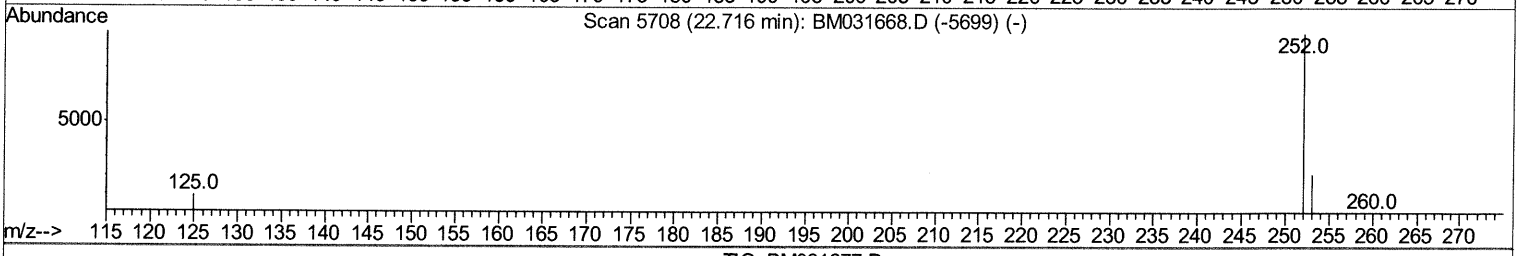
Manual Integrations APPROVED
mohammad
8/13/2021 5:13:59 PM







TIC: BM031677.D

(25) Benzo(k)fluoranthene

22.715min (-0.000) 1.10ng/ul m 08/16/21 JU

response 21483

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	26.44
125.00	11.00	13.98#
0.00	0.00	0.00

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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C00D5

Manual Integrations APPROVED
mohammad
8/13/2021 5:13:59 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	1414	0.40	ng/ul	0.00
4) Naphthalene-d8	10.33	136	5223	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.20	164	3493	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.96	188	5485	0.40	ng/ul	0.00
17) Chrysene-d12	21.16	240	4387	0.40	ng/ul	0.00
23) Perylene-d12	23.32	264	4204	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	4030	2.57	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.92	152	1622	0.18	ng/ul	0.00
18) Fluoranthene-d10	18.99	212	3151	0.22	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.38	128	88221	5.670	ng/ul	96
7) 2-Methylnaphthalene	12.00	142	56369	5.303	ng/ul	99
8) 1-Methylnaphthalene	12.22	142	25275	2.407	ng/ul	99
10) Acenaphthylene	13.93	152	7357	0.495	ng/ul	99
11) Acenaphthene	14.30	153	1969m	0.157	ng/ul	08/16/21 JU
12) Fluorene	15.26	166	2297	0.159	ng/ul#	80
15) Phenanthrene	17.00	178	130890	7.515	ng/ul	97
16) Anthracene	17.09	178	14869	0.912	ng/ul	99
19) Fluoranthene	19.02	202	122634	6.546	ng/ul	98
20) Pyrene	19.39	202	100996	5.316	ng/ul	95
21) Benzo(a)anthracene	21.14	228	56478	3.188	ng/ul	95
22) Chrysene	21.19	228	66678	3.638	ng/ul	97
24) Benzo(b)fluoranthene	22.68	252	59231m	3.127	ng/ul	08/16/21 JU
25) Benzo(k)fluoranthene	22.72	252	21483m	1.098	ng/ul	
26) Benzo(a)pyrene	23.22	252	33743	2.034	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.45	276	21836	1.018	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.46	278	6723	0.389	ng/ul#	80
29) Benzo(g,h,i)perylene	26.10	276	3697	0.202	ng/ul#	80

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