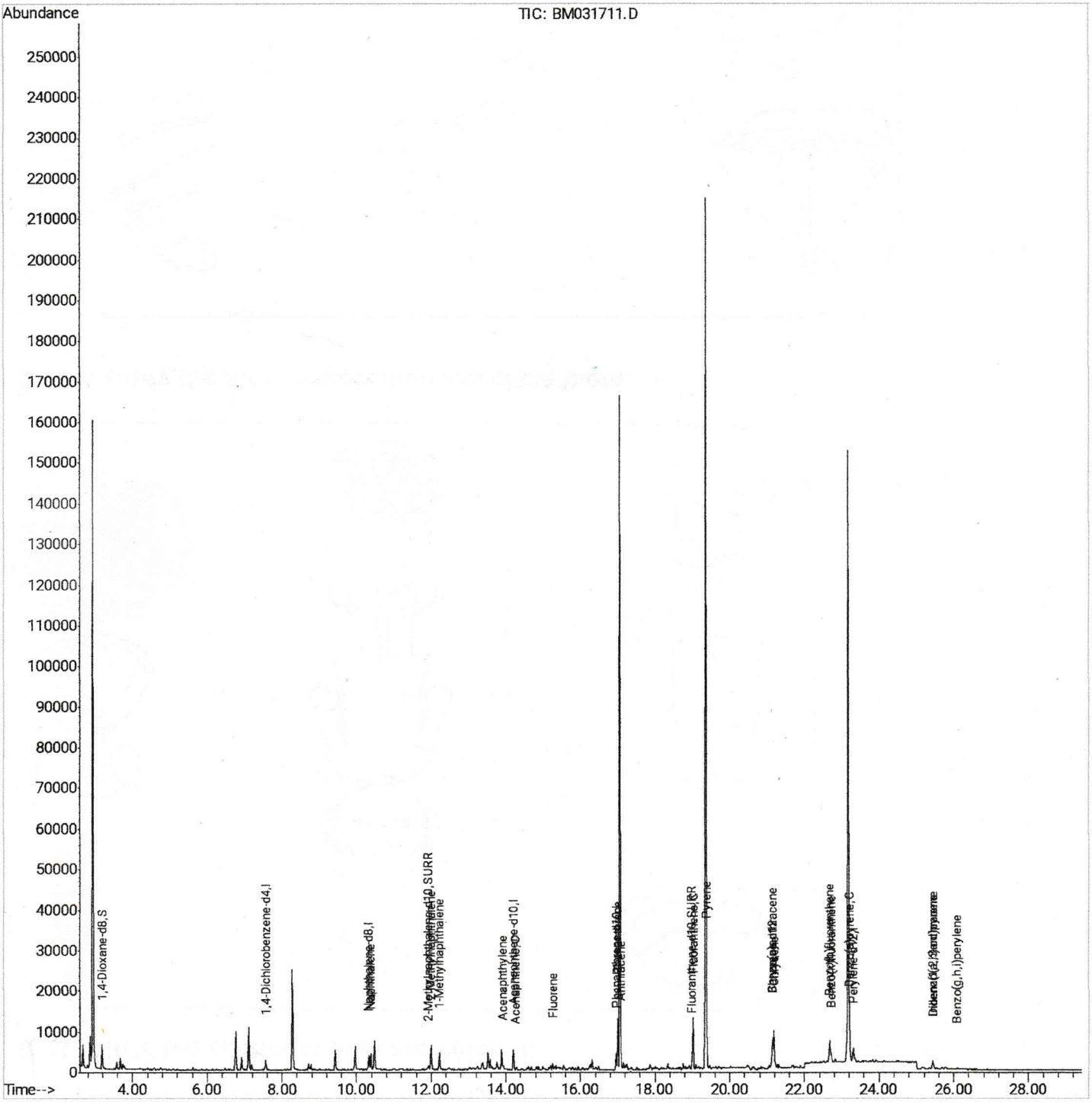
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031711.D
Acq On : 13 Aug 2021 12:40
Operator : CG/JU
Sample : M3182-15
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Aug 13 13:24:28 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 17:28:09 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00D3

Manual Integrations APPROVED
mohammad
8/13/2021 5:15:41 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031711.D
Acq On : 13 Aug 2021 12:40
Operator : CG/JU
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Manual Integrations APPROVED
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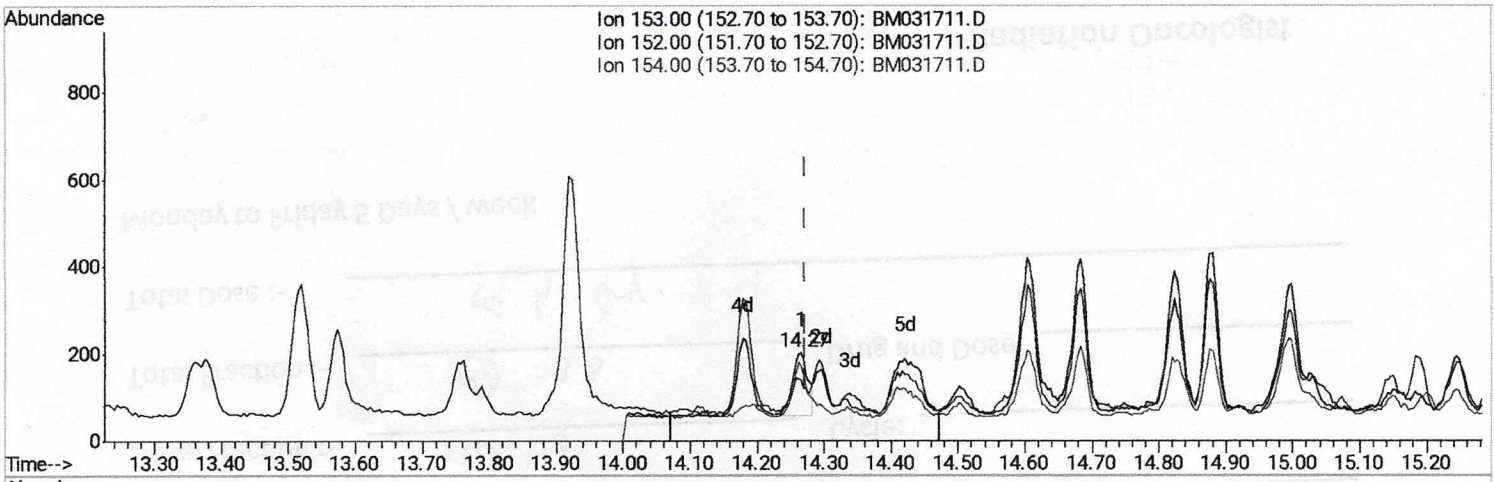

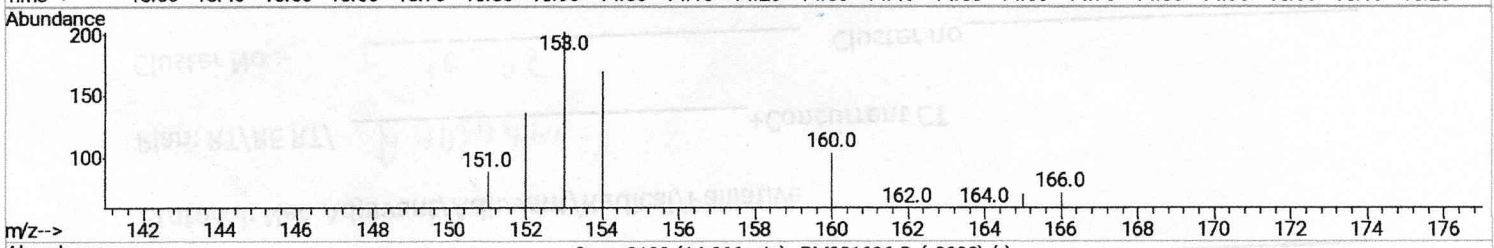

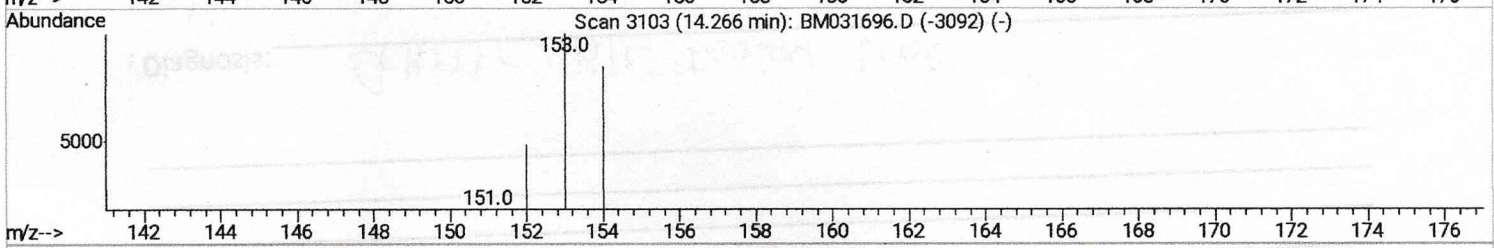

TIC: BM031711.D

(11) Acenaphthene (C)

14.266min (-0.007) 0.02ng/ul

response 227

Ion	Exp%	Act%
153.00	100	100
152.00	50.90	67.82#
154.00	87.70	84.16
0.00	0.00	0.00

Quantitation Report (Qedit)

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ClientSampleId :
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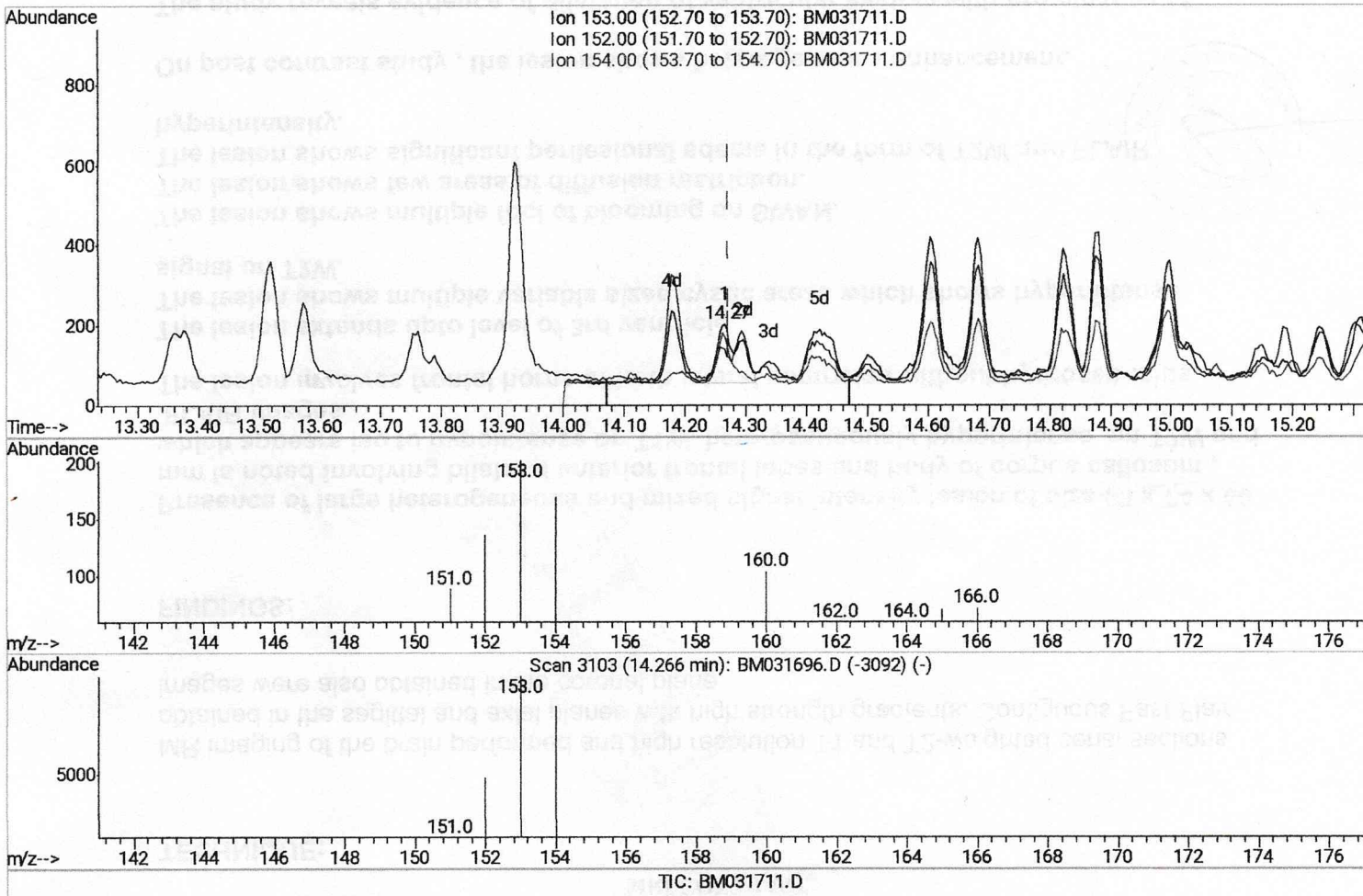
Manual Integrations APPROVED
mohammad
8/13/2021 5:15:41 PM



TIC: BM031711.D

(11) Acenaphthene (C)

14.266min (-0.007) 0.04ng/ul m JY 08/16/21

response 387

Ion	Exp%	Act%
153.00	100	100
152.00	50.90	67.82#
154.00	87.70	84.16
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031711.D
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QLast Update : Thu Aug 12 17:28:09 2021
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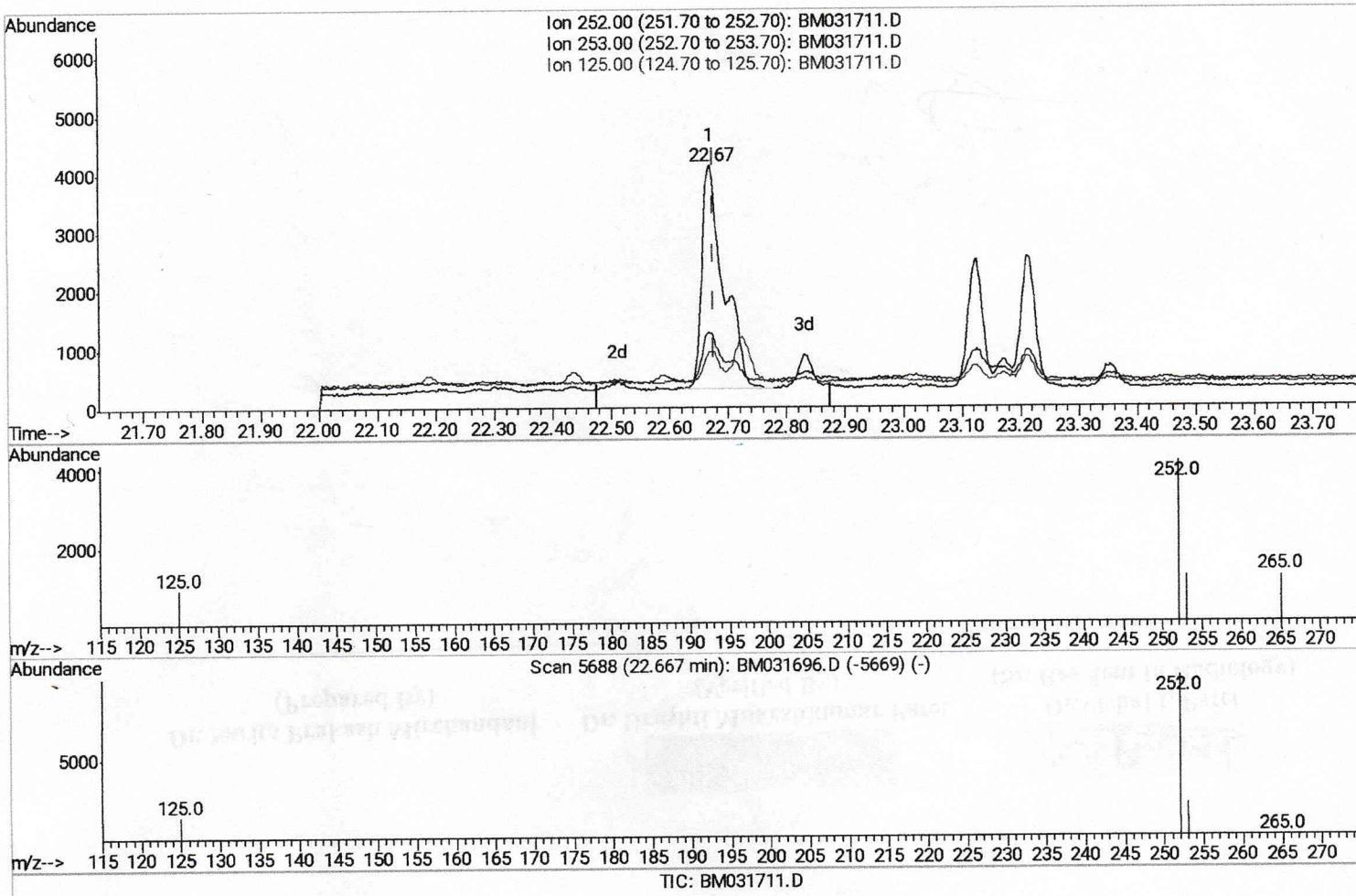
BNA_M
ClientSampleId :
C00D3

Manual Integrations APPROVED
mohammad
8/13/2021 5:15:41 PM



TIC: BM031711.D

(24) Benzo(b)fluoranthene

22.670min (-0.007) 0.51ng/ul

response 9896

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	30.69
125.00	11.40	22.79
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031711.D
Acq On : 13 Aug 2021 12:40
Operator : CG/JU
Sample : M3182-15
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Aug 13 13:22:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
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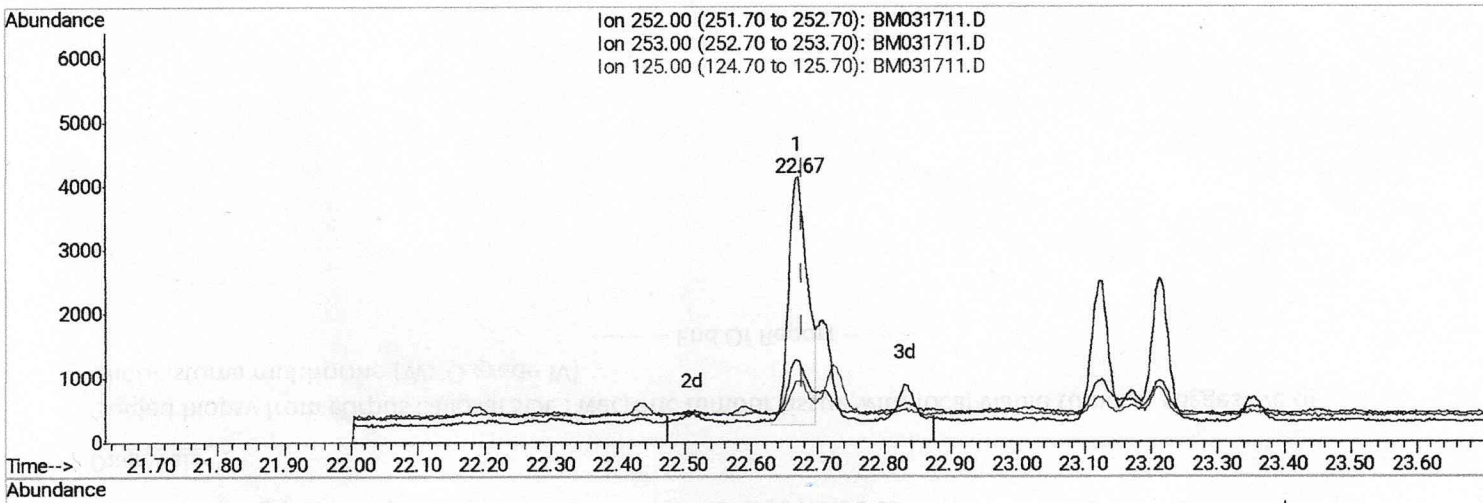
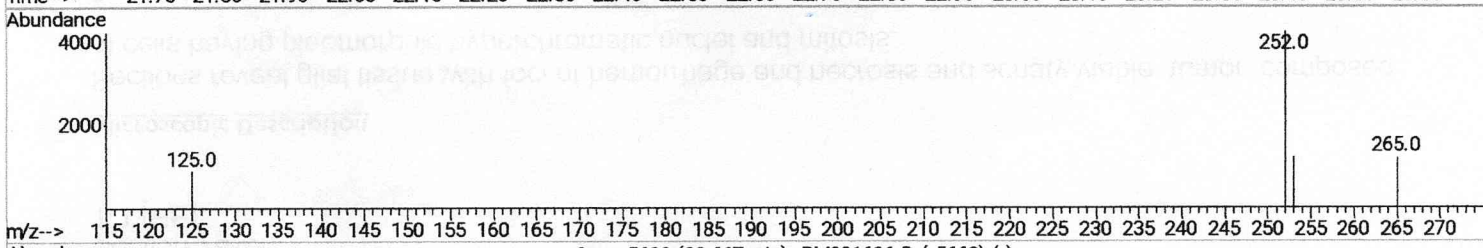
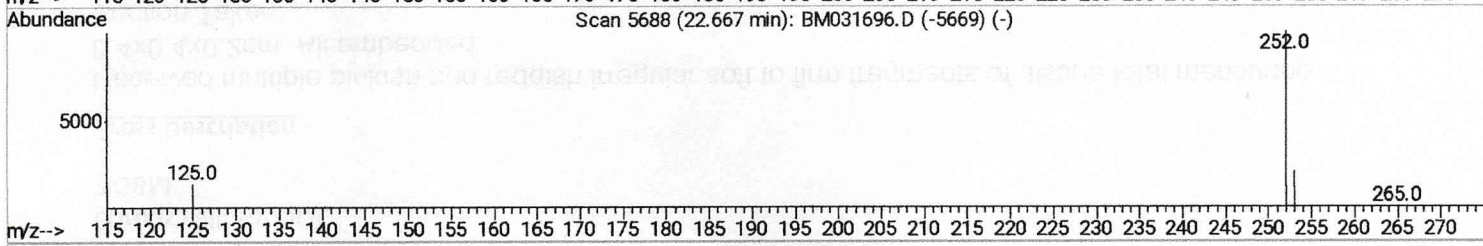
Instrument :
BNA_M
ClientSampleId :
C00D3

Manual Integrations APPROVED
mohammad
8/13/2021 5:15:41 PM







TIC: BM031711.D

(24) Benzo(b)fluoranthene

22.670min (-0.007) 0.40ng/ul m JU 08/16/21

response 7725

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	30.69
125.00	11.40	22.79
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031711.D
Acq On : 13 Aug 2021 12:40
Operator : CG/JU
Sample : M3182-15
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Aug 13 13:22:53 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 17:28:09 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00D3

Manual Integrations APPROVED
mohammad
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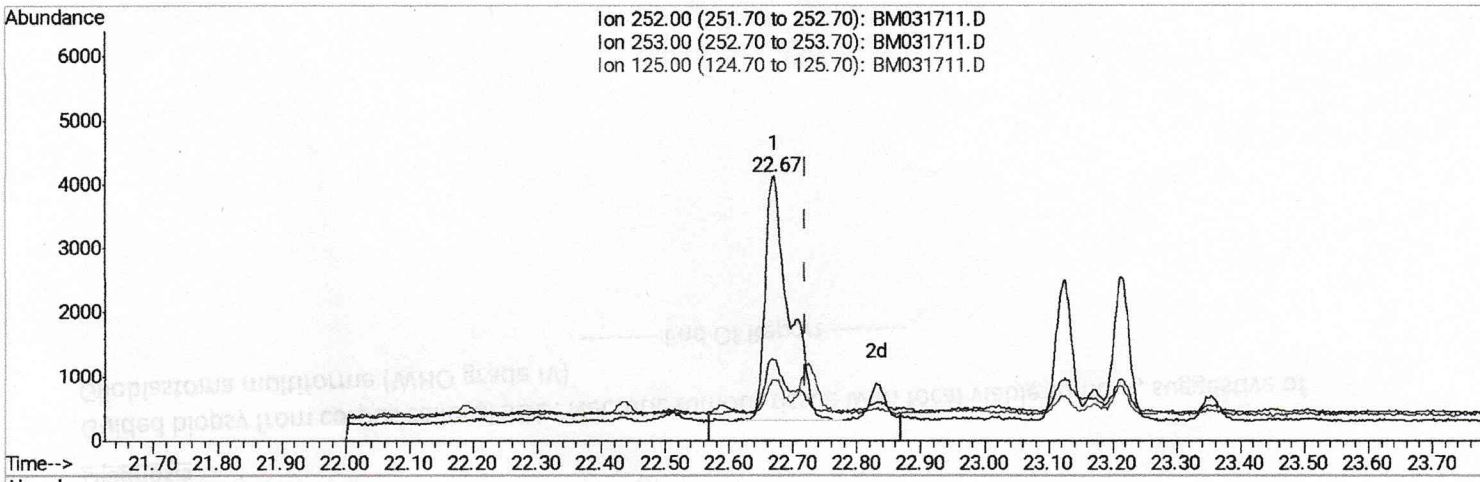

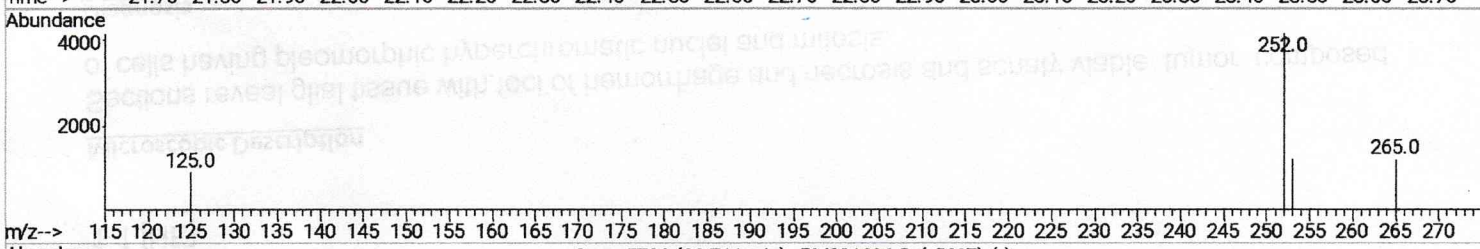

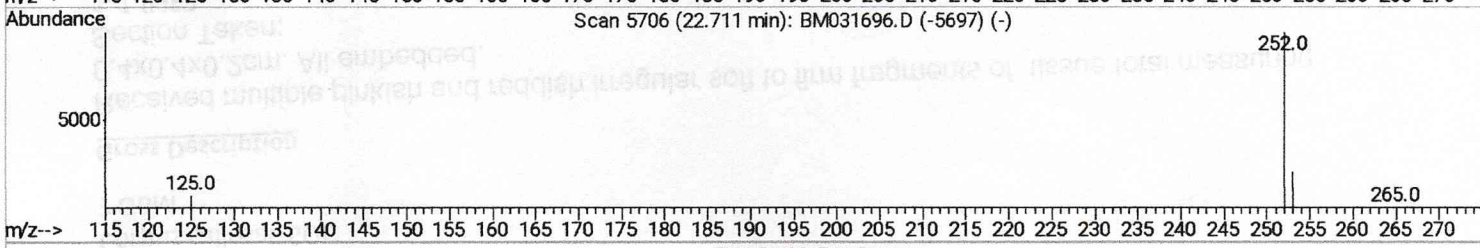

TIC: BM031711.D

(25) Benzo(k)fluoranthene
22.670min (-0.050) 0.49ng/ul
response 9896

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	30.69
125.00	11.00	22.79#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031711.D
Acq On : 13 Aug 2021 12:40
Operator : CG/JU
Sample : M3182-15
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Aug 13 13:22:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
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Instrument :
BNA_M
ClientSampleId :
C00D3

Manual Integrations APPROVED
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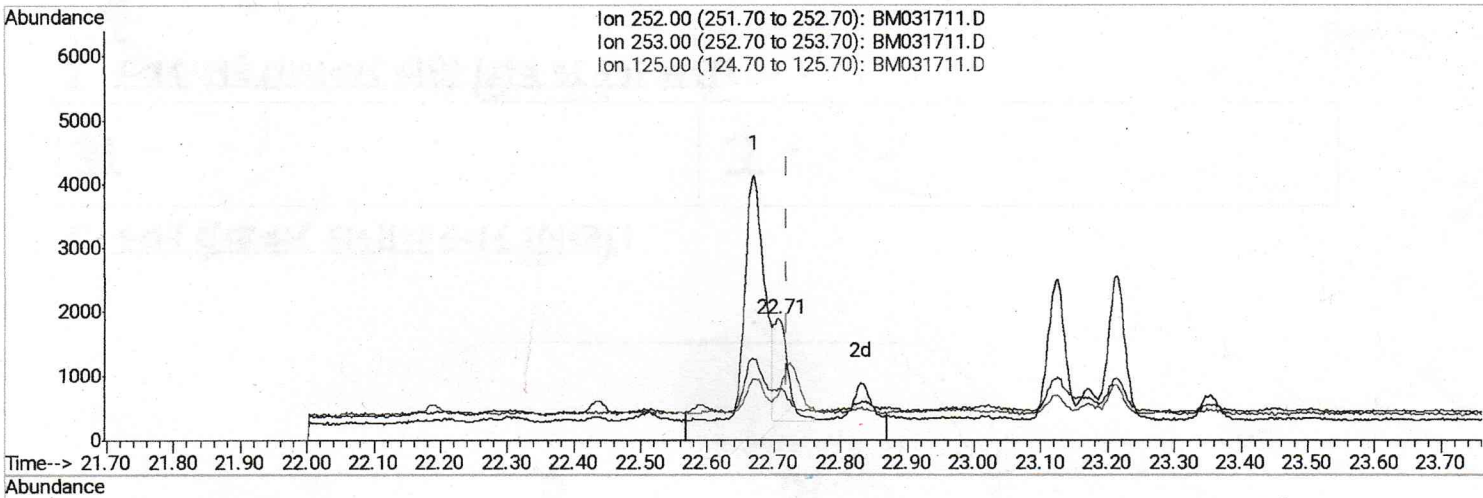

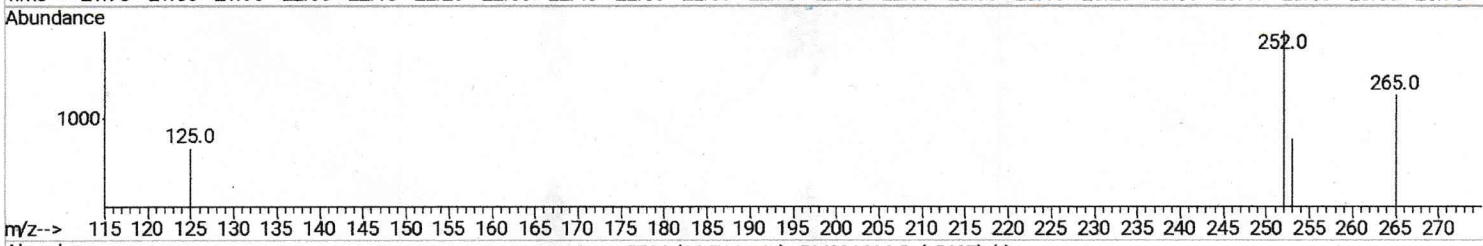

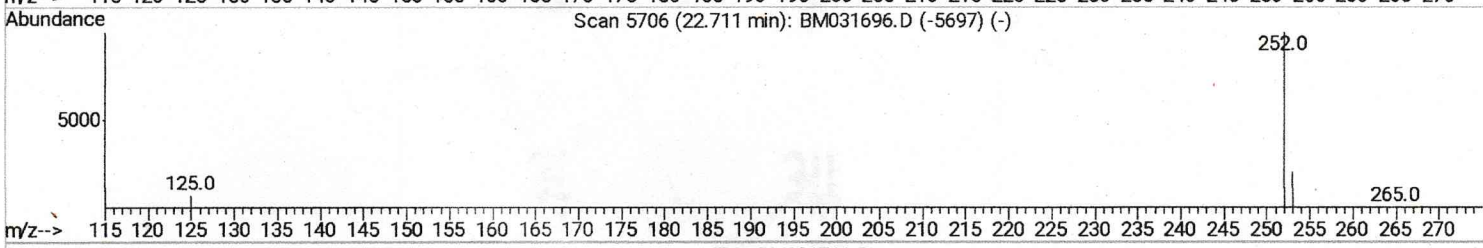

TIC: BM031711.D

(25) Benzo(k)fluoranthene

22.706min (-0.014) 0.12ng/ul m

JM 08/16/21

response 2356

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	41.47#
125.00	11.00	36.81#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031711.D
Acq On : 13 Aug 2021 12:40
Operator : CG/JU
Sample : M3182-15
Misc :
ALS Vial : 43 Sample Multiplier: 1

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Instrument : BNA_M
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Manual Integrations APPROVED
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8/13/2021 5:15:41 PM

Internal Standards	R.T.	Qion	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	1236	0.40	ng/ul	0.00
4) Naphthalene-d8	10.33	136	4533	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.20	164	2679	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.95	188	5005	0.40	ng/ul	-0.01
17) Chrysene-d12	21.15	240	4205	0.40	ng/ul	0.00
23) Perylene-d12	23.31	264	4297	0.40	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	3755	2.74	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.92	152	1452	0.19	ng/ul	-0.01
18) Fluoranthene-d10	18.99	212	3024	0.22	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.37	128	5277	0.391	ng/ul	99
7) 2-Methylnaphthalene	12.00	142	4376	0.474	ng/ul	99
8) 1-Methylnaphthalene	12.22	142	2863	0.314	ng/ul	97
10) Acenaphthylene	13.92	152	1052	0.092	ng/ul#	84
11) Acenaphthene	14.27	153	387m	0.040	ng/ul	
12) Fluorene	15.26	166	776	0.070	ng/ul#	80
15) Phenanthrene	16.99	178	13253	0.834	ng/ul	99
16) Anthracene	17.08	178	1224	0.082	ng/ul#	85
19) Fluoranthene	19.02	202	10975	0.611	ng/ul#	95
20) Pyrene	19.38	202	9754	0.536	ng/ul#	93
21) Benzo(a)anthracene	21.13	228	4962	0.292	ng/ul#	81
22) Chrysene	21.19	228	9768	0.556	ng/ul#	93
24) Benzo(b)fluoranthene	22.67	252	7725m	0.399	ng/ul	
25) Benzo(k)fluoranthene	22.71	252	2356m	0.118	ng/ul	
26) Benzo(a)pyrene	23.21	252	3979	0.235	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	25.43	276	2867	0.131	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.45	278	1044	0.059	ng/ul#	10
29) Benzo(g,h,i)perylene	26.09	276	588	0.031	ng/ul#	41

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