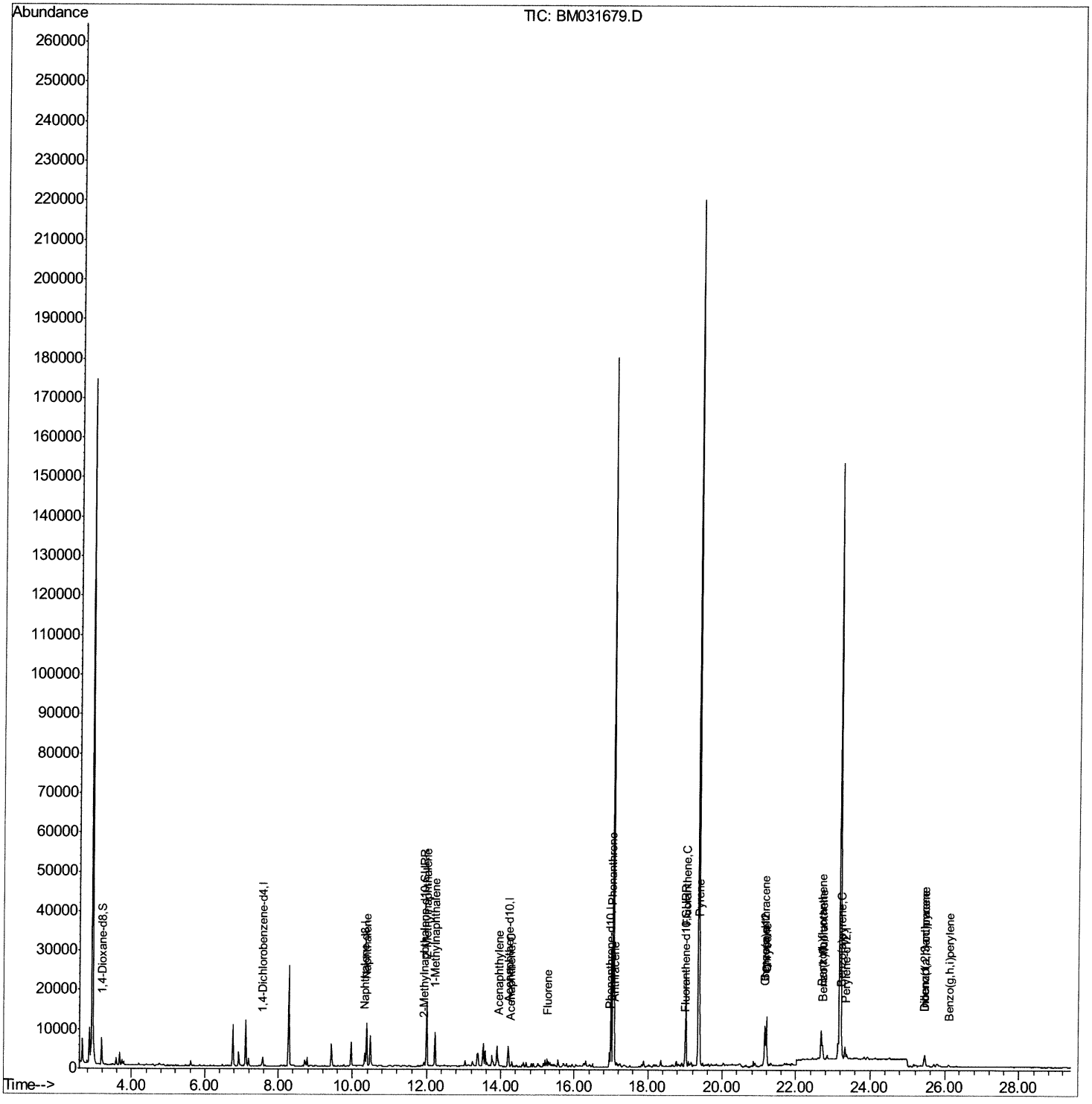
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031679.D
Acq On : 12 Aug 2021 16:16
Operator : CG/JU
Sample : M3182-18
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 12 16:48:53 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 11:28:10 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00D6

Manual Integrations APPROVED
mohammad
8/13/2021 5:14:06 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031679.D
Acq On : 12 Aug 2021 16:16
Operator : CG/JU
Sample : M3182-18
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 12 16:47:06 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
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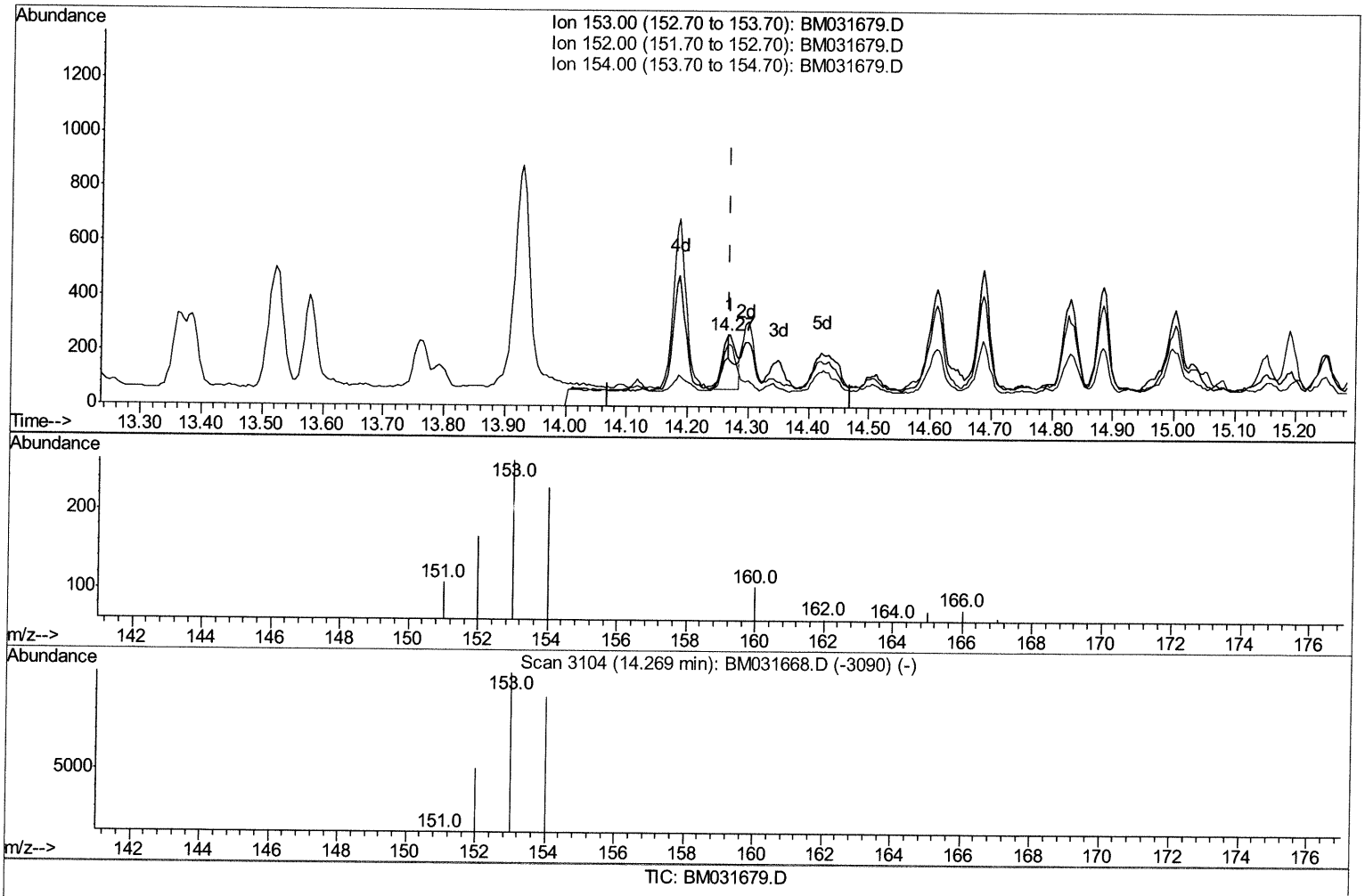
Manual Integrations APPROVED
mohammad
8/13/2021 5:14:06 PM



TIC: BM031679.D

(11) Acenaphthene (C)

14.269min (-0.000) 0.03ng/ul

response 308

Ion	Exp%	Act%
153.00	100	100
152.00	50.90	63.26#
154.00	87.70	86.74
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031679.D
Acq On : 12 Aug 2021 16:16
Operator : CG/JU
Sample : M3182-18
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 12 16:47:06 2021
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QLast Update : Thu Aug 12 11:28:10 2021
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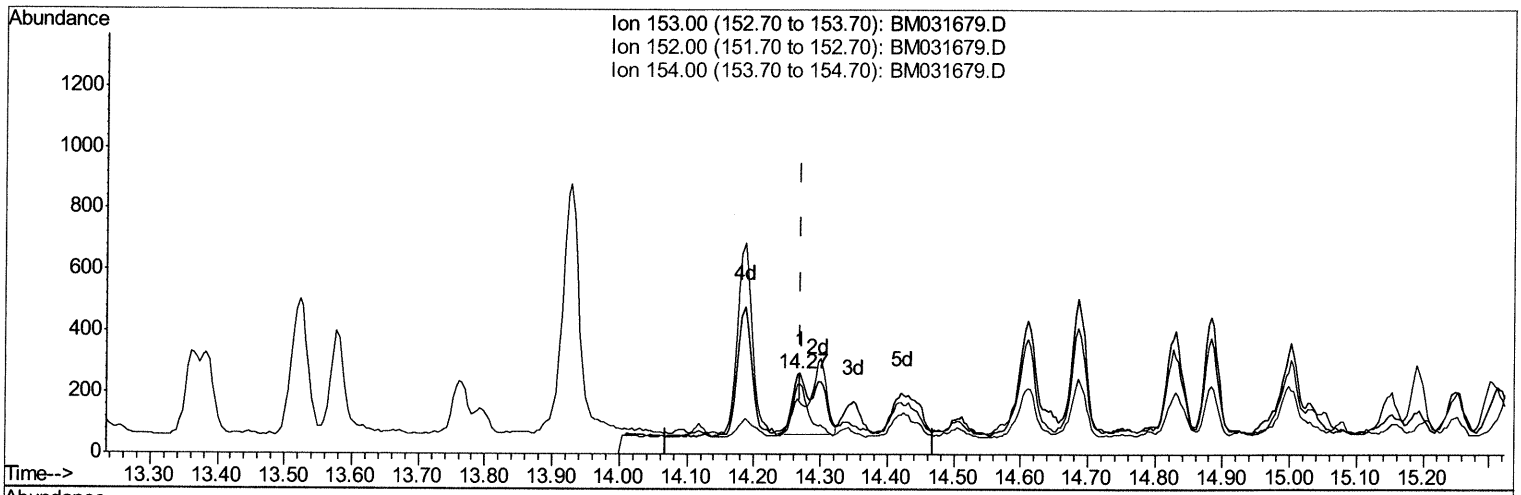
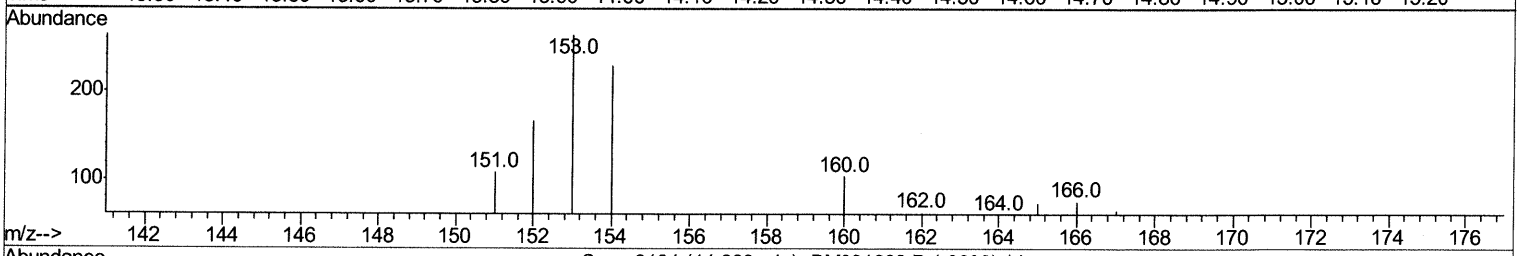
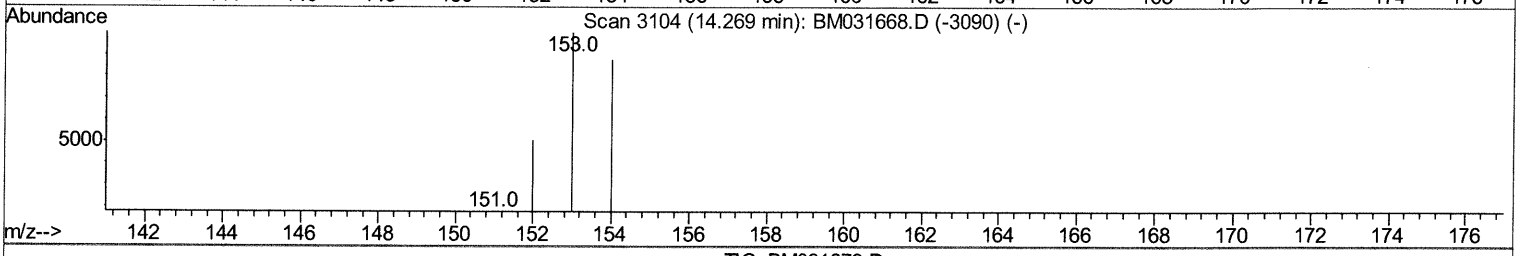
Instrument :
BNA_M
ClientSampleId :
C00D6

Manual Integrations APPROVED
mohammad
8/13/2021 5:14:06 PM







TIC: BM031679.D

(11) Acenaphthene (C)

14.269min (-0.000) 0.06ng/ul m 08/16/21 JU

response 570

Ion	Exp%	Act%
153.00	100	100
152.00	50.90	63.26#
154.00	87.70	86.74
0.00	0.00	0.00

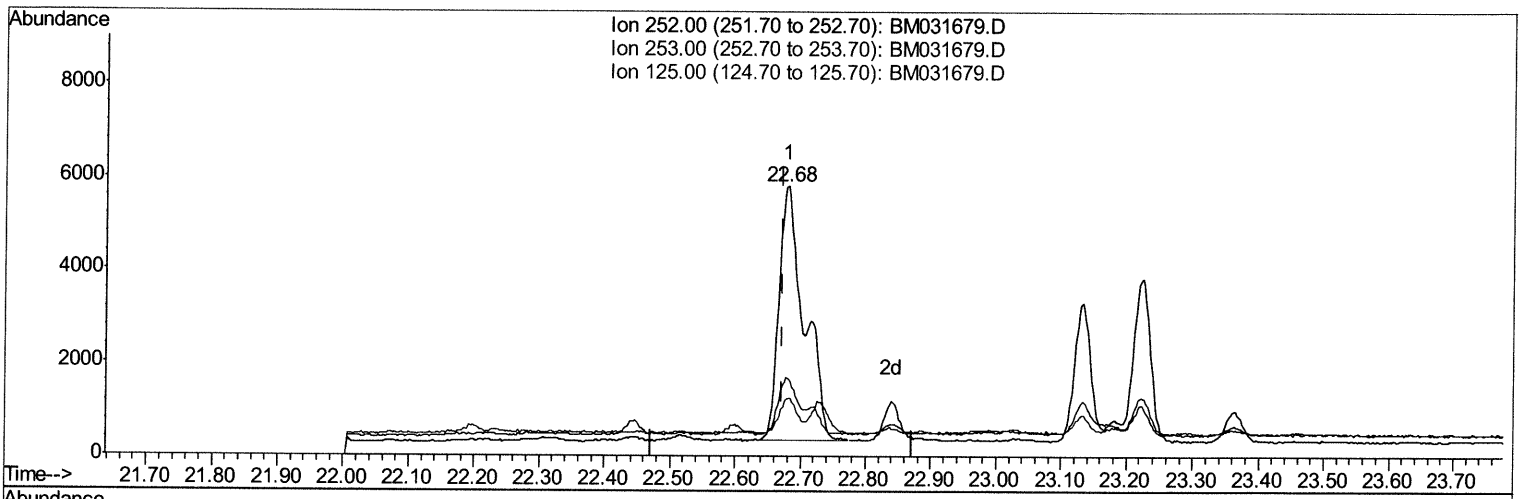
Quantitation Report (Qedit)

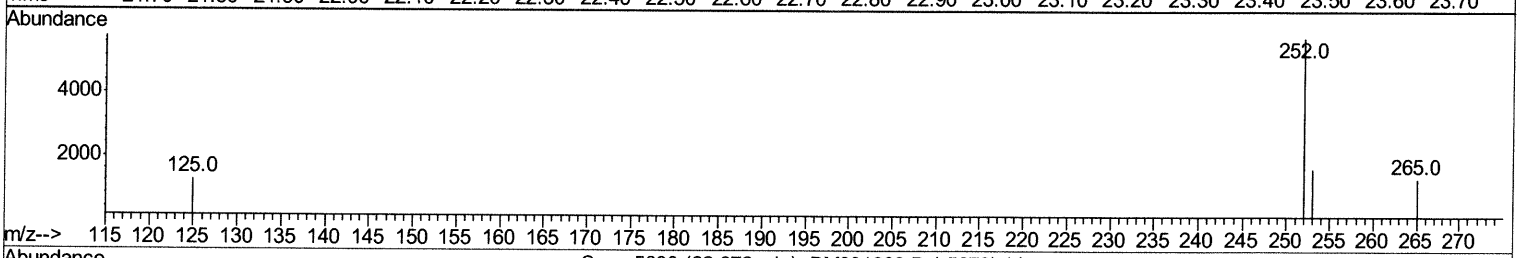
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031679.D
Acq On : 12 Aug 2021 16:16
Operator : CG/JU
Sample : M3182-18
Misc :
ALS Vial : 13 Sample Multiplier: 1

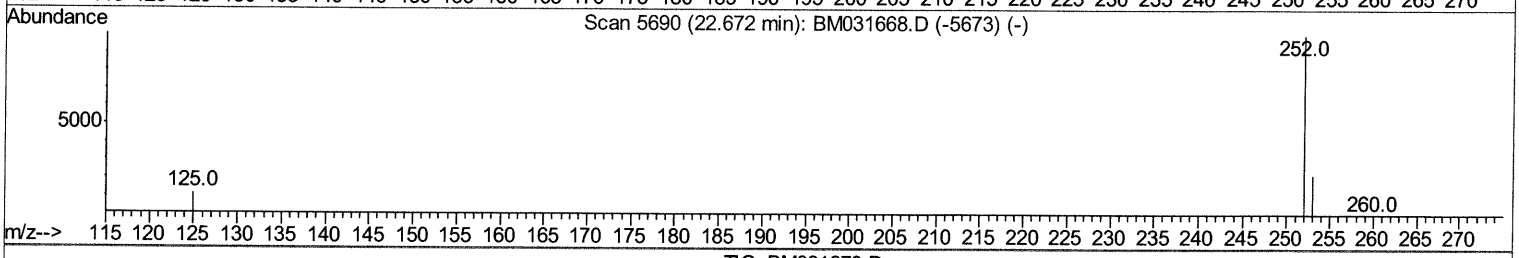
Quant Time: Aug 12 16:47:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 11:28:10 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00D6

Manual Integrations APPROVED
mohammad
8/13/2021 5:14:06 PM







TIC: BM031679.D

(24) Benzo(b)fluoranthene

22.679min (+0.007) 0.90ng/ul

response 14754

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	28.50
125.00	11.40	21.49
0.00	0.00	0.00

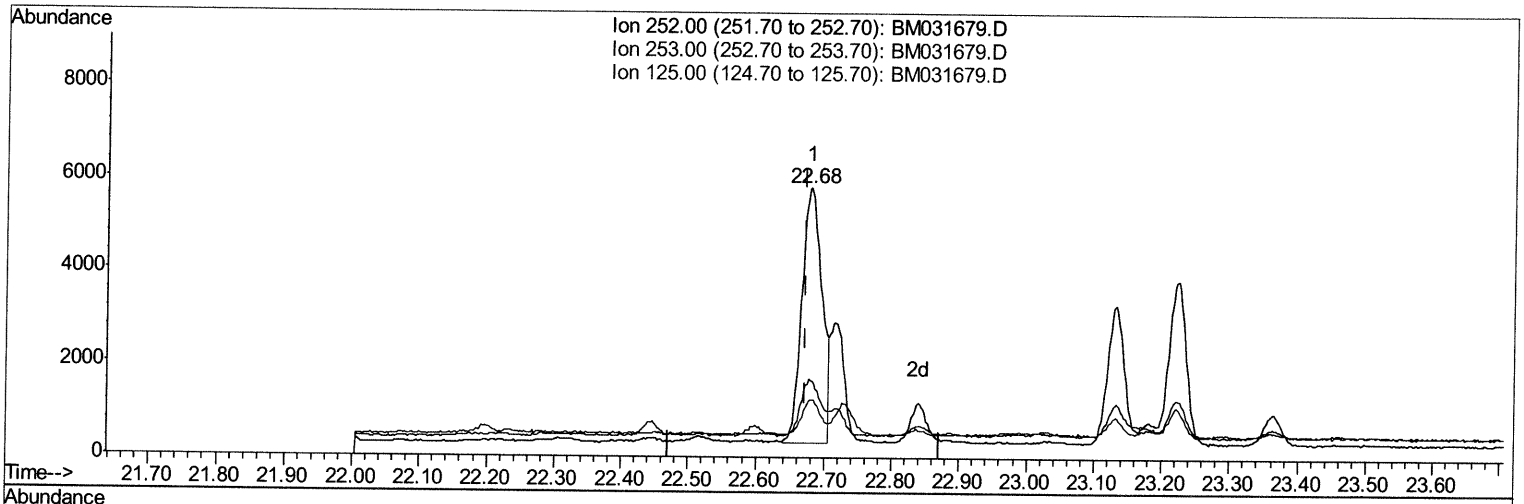
Quantitation Report (Qedit)

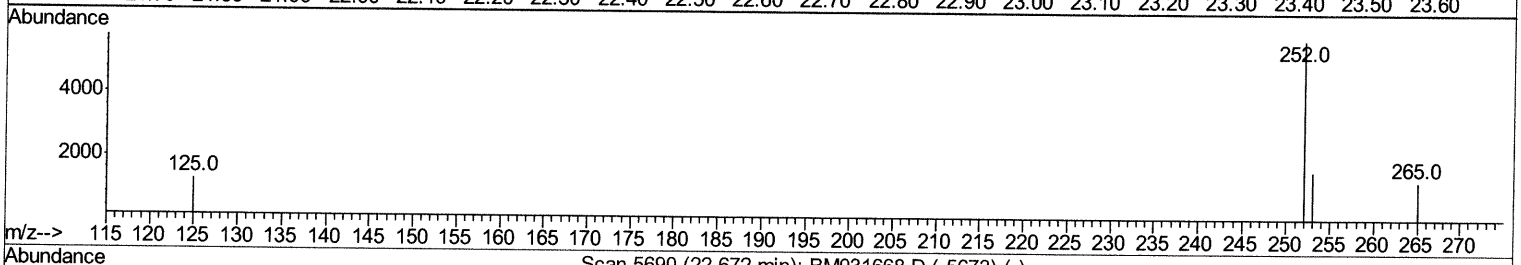
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031679.D
Acq On : 12 Aug 2021 16:16
Operator : CG/JU
Sample : M3182-18
Misc :
ALS Vial : 13 Sample Multiplier: 1

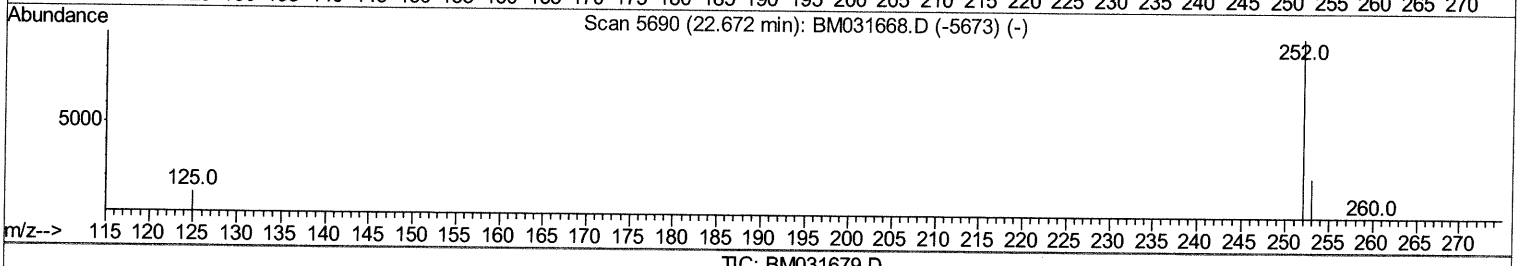
Quant Time: Aug 12 16:47:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 11:28:10 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00D6

Manual Integrations APPROVED
mohammad
8/13/2021 5:14:06 PM







TIC: BM031679.D

(24) Benzo(b)fluoranthene

22.679min (+0.007) 0.69ng/ul m 08/16/21 JU

response 11318

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	28.50
125.00	11.40	21.49
0.00	0.00	0.00

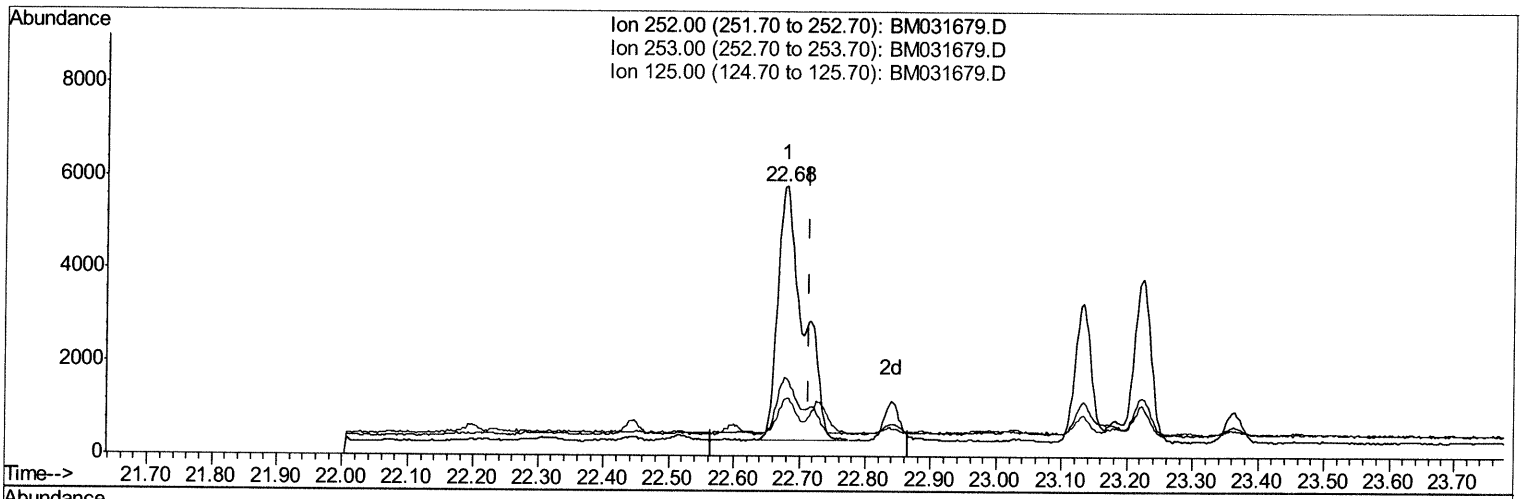
Quantitation Report (Qedit)

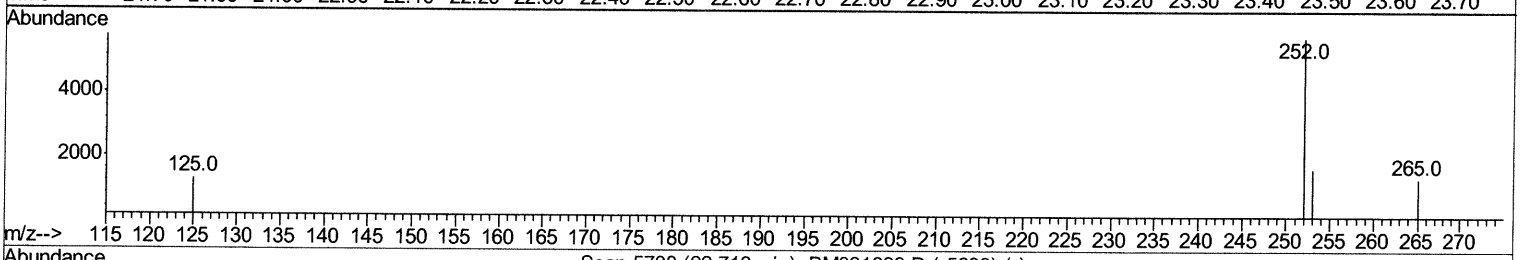
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031679.D
Acq On : 12 Aug 2021 16:16
Operator : CG/JU
Sample : M3182-18
Misc :
ALS Vial : 13 Sample Multiplier: 1

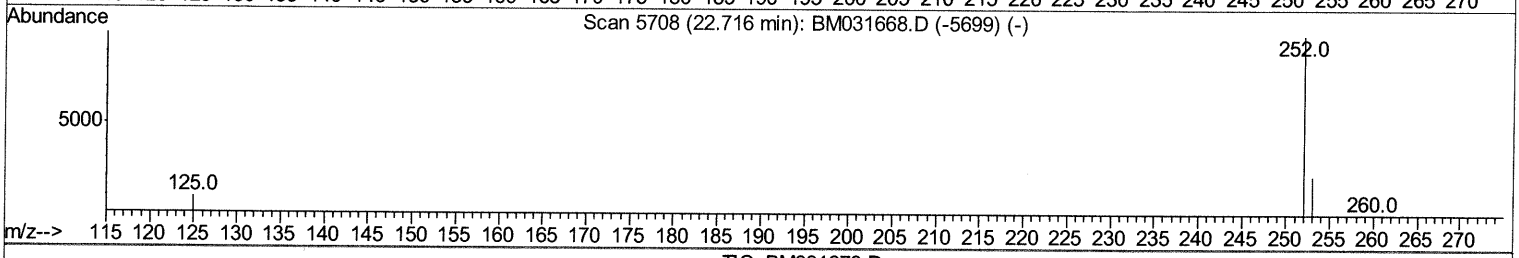
Quant Time: Aug 12 16:47:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 11:28:10 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00D6

Manual Integrations APPROVED
mohammad
8/13/2021 5:14:06 PM







TIC: BM031679.D

(25) Benzo(k)fluoranthene

22.679min (-0.036) 0.87ng/ul

response 14754

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	28.50
125.00	11.00	21.49#
0.00	0.00	0.00

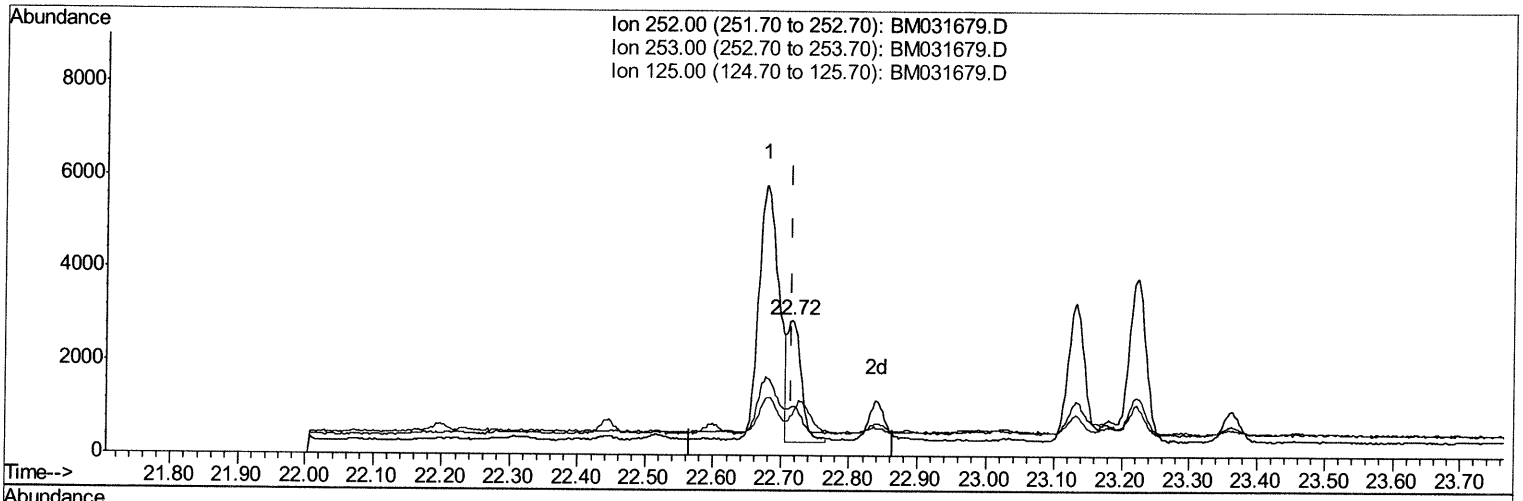
Quantitation Report (Qedit)

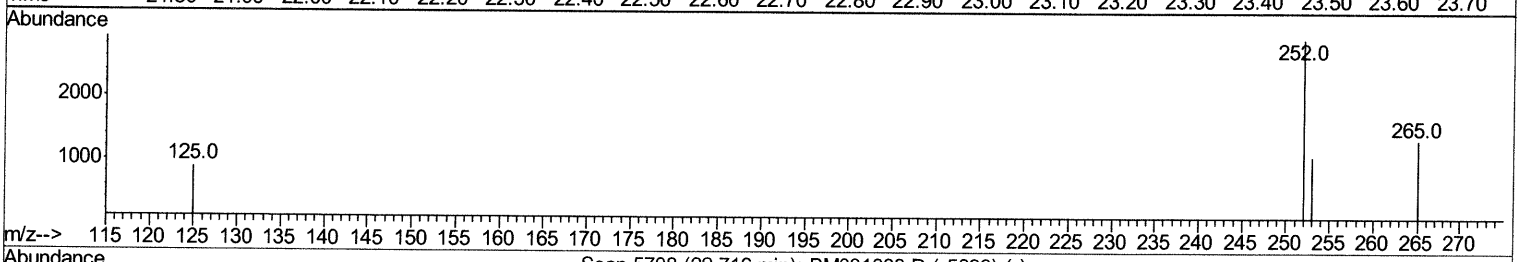
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031679.D
Acq On : 12 Aug 2021 16:16
Operator : CG/JU
Sample : M3182-18
Misc :
ALS Vial : 13 Sample Multiplier: 1

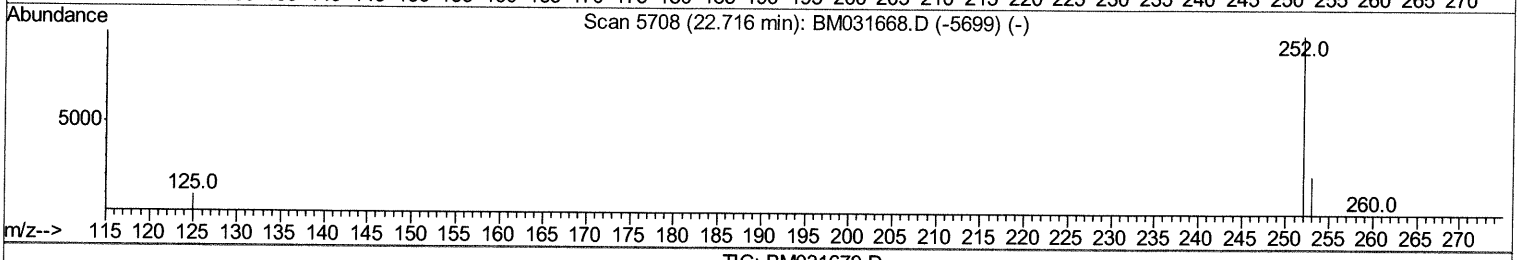
Quant Time: Aug 12 16:47:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 11:28:10 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00D6

Manual Integrations APPROVED
mohammad
8/13/2021 5:14:06 PM







TIC: BM031679.D

(25) Benzo(k)fluoranthene

22.716min (-0.000) 0.22ng/ul m 08/16/21 JJ

response 3728

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	36.54#
125.00	11.00	30.15#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031679.D
Acq On : 12 Aug 2021 16:16
Operator : CG/JU
Sample : M3182-18
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C00D6

Manual Integrations APPROVED
mohammad
8/13/2021 5:14:06 PM

Quant Time: Aug 12 16:48:53 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 11:28:10 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	1169	0.40	ng/ul	0.00
4) Naphthalene-d8	10.33	136	4345	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.20	164	2575	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.96	188	4484	0.40	ng/ul	0.00
17) Chrysene-d12	21.16	240	3672	0.40	ng/ul	0.00
23) Perylene-d12	23.32	264	3636	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	4187	3.22	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.93	152	1546	0.21	ng/ul	0.00
18) Fluoranthene-d10	18.99	212	3087	0.25	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.38	128	14817	1.145	ng/ul	99
7) 2-Methylnaphthalene	12.00	142	11984	1.355	ng/ul	100
8) 1-Methylnaphthalene	12.22	142	5854	0.670	ng/ul	100
10) Acenaphthylene	13.93	152	1443	0.132	ng/ul#	90
11) Acenaphthene	14.27	153	570m >	0.062	ng/ul >	08/16/21 JU
12) Fluorene	15.26	166	1036	0.098	ng/ul#	87
15) Phenanthrene	17.00	178	31033	2.179	ng/ul	98
16) Anthracene	17.09	178	2226	0.167	ng/ul#	91
19) Fluoranthene	19.02	202	21325	1.360	ng/ul#	94
20) Pyrene	19.39	202	17711	1.114	ng/ul	96
21) Benzo(a)anthracene	21.14	228	8133	0.548	ng/ul#	89
22) Chrysene	21.19	228	12931	0.843	ng/ul#	96
24) Benzo(b)fluoranthene	22.68	252	11318m >	0.691	ng/ul >	08/16/21 JU
25) Benzo(k)fluoranthene	22.72	252	3728m >	0.220	ng/ul >	
26) Benzo(a)pyrene	23.22	252	6281	0.438	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	25.45	276	4537	0.245	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.46	278	1384	0.093	ng/ul#	32
29) Benzo(g,h,i)perylene	26.10	276	989	0.063	ng/ul#	48

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