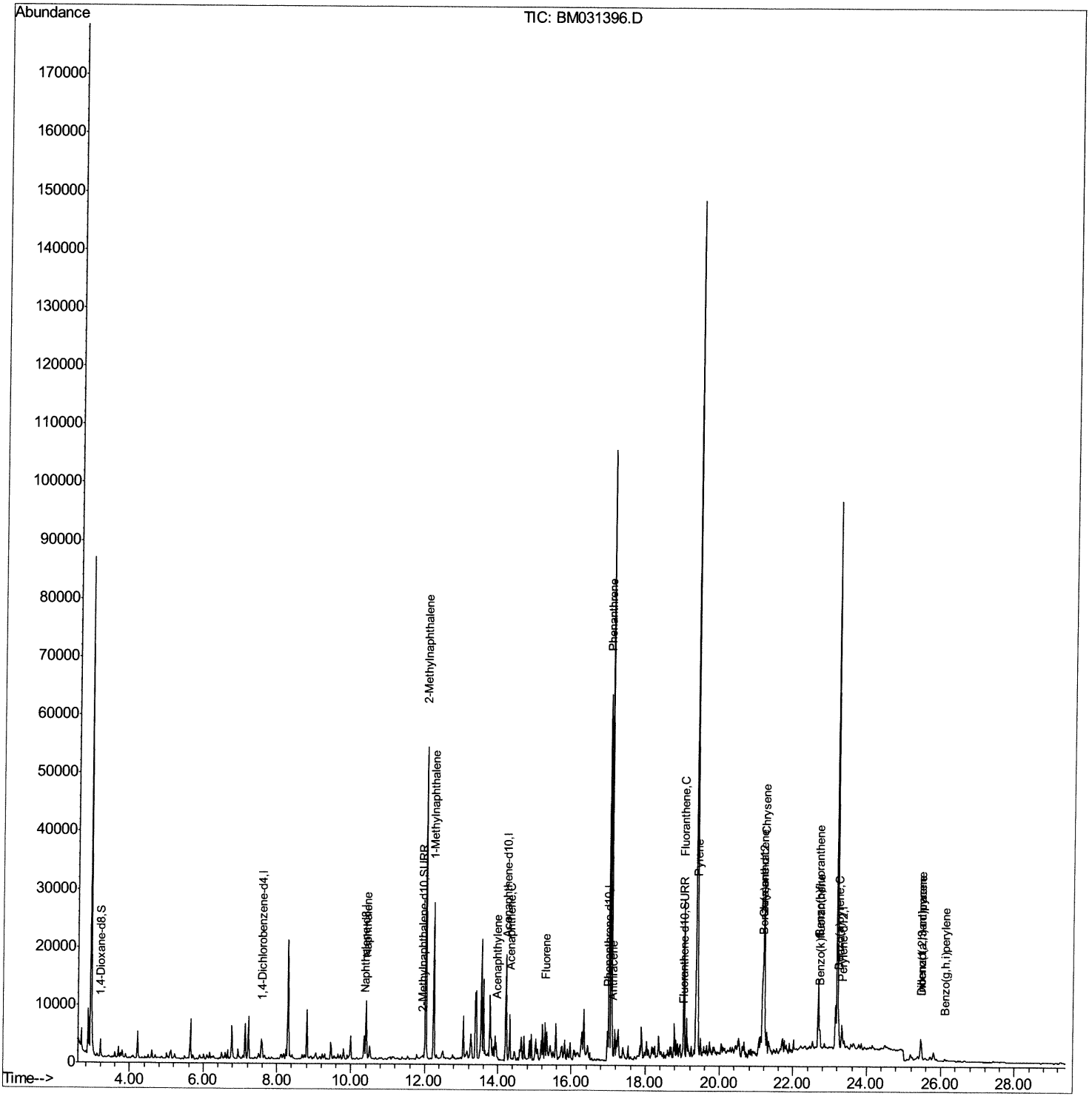
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031396.D
Acq On : 03 Aug 2021 04:23
Operator : CG/JU
Sample : M3123-15
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Aug 03 05:10:05 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 : Tue Aug 03 04:56:41 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0076

Manual Integrations APPROVED
mohammad
8/3/2021 11:51:15 AM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031396.D
Acq On : 03 Aug 2021 04:23
Operator : CG/JU
Sample : M3123-15
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Aug 03 05:03:29 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 : Tue Aug 03 04:56:41 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0076

Manual Integrations APPROVED
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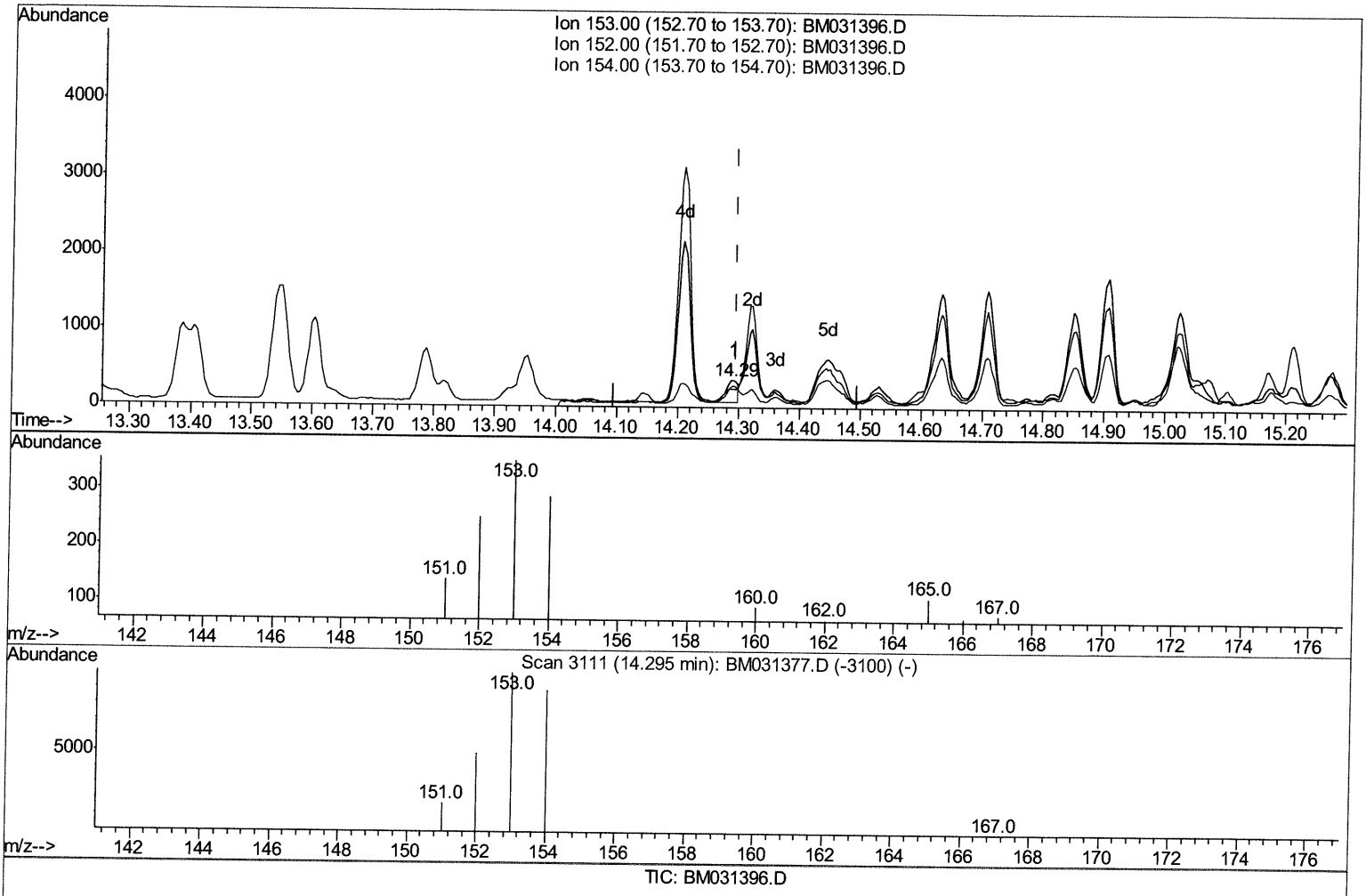

TIC: BM031396.D

(11) Acenaphthene (C)

14.291min (-0.004) 0.03ng/ul

response 379

Ion	Exp%	Act%
153.00	100	100
152.00	50.90	70.82#
154.00	87.70	81.59
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031396.D
Acq On : 03 Aug 2021 04:23
Operator : CG/JU
Sample : M3123-15
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Aug 03 05:03:29 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 : Tue Aug 03 04:56:41 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0076

Manual Integrations APPROVED
mohammad
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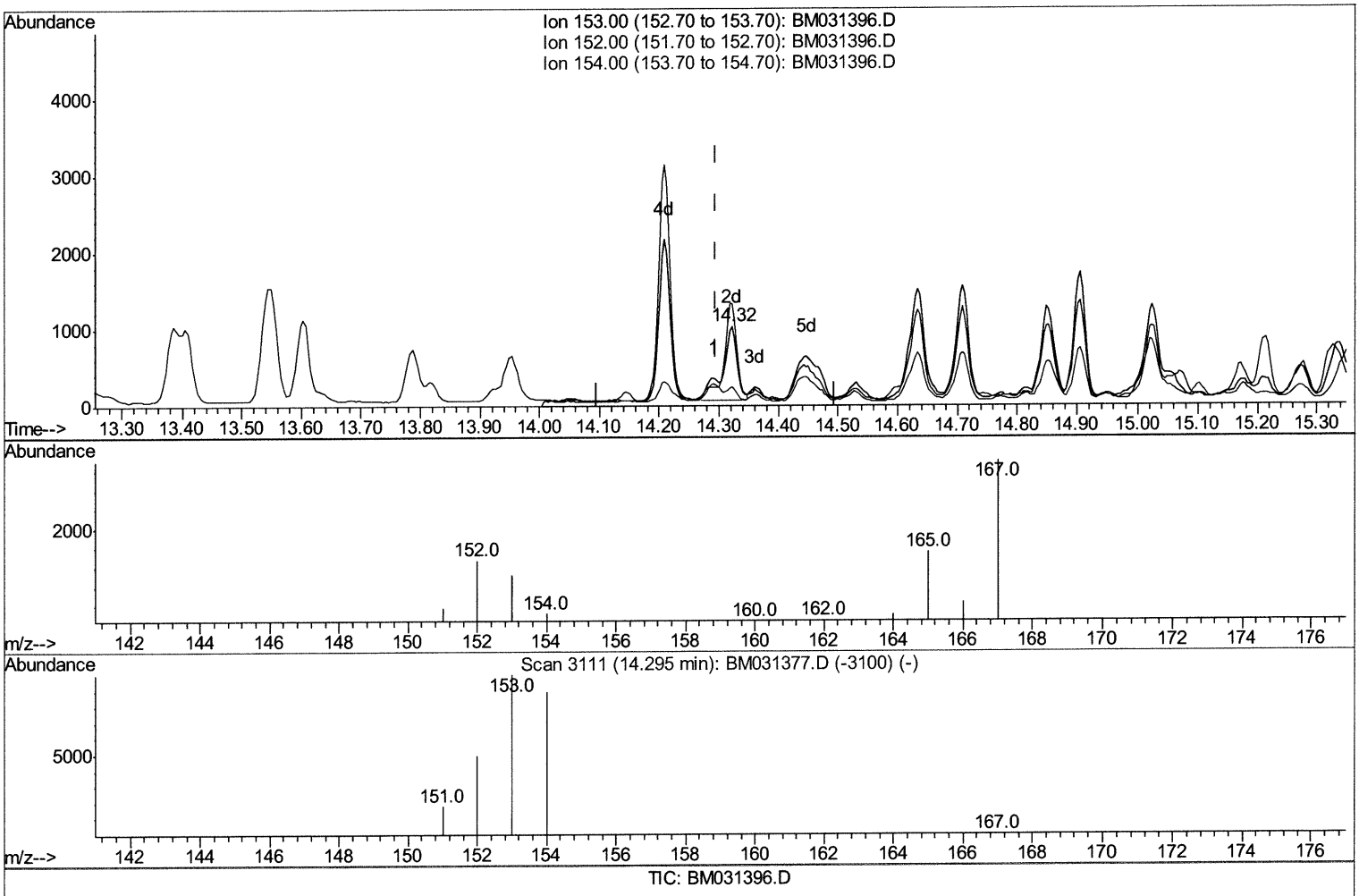

TIC: BM031396.D

(11) Acenaphthene (C)

14.322min (+0.026) 0.14ng/ul m 08/04/21 JU

response 1704

Ion	Exp%	Act%
153.00	100	100
152.00	50.90	129.55#
154.00	87.70	23.16#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031396.D
Acq On : 03 Aug 2021 04:23
Operator : CG/JU
Sample : M3123-15
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Aug 03 05:05:29 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 : Tue Aug 03 04:56:41 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0076

Manual Integrations APPROVED
mohammad
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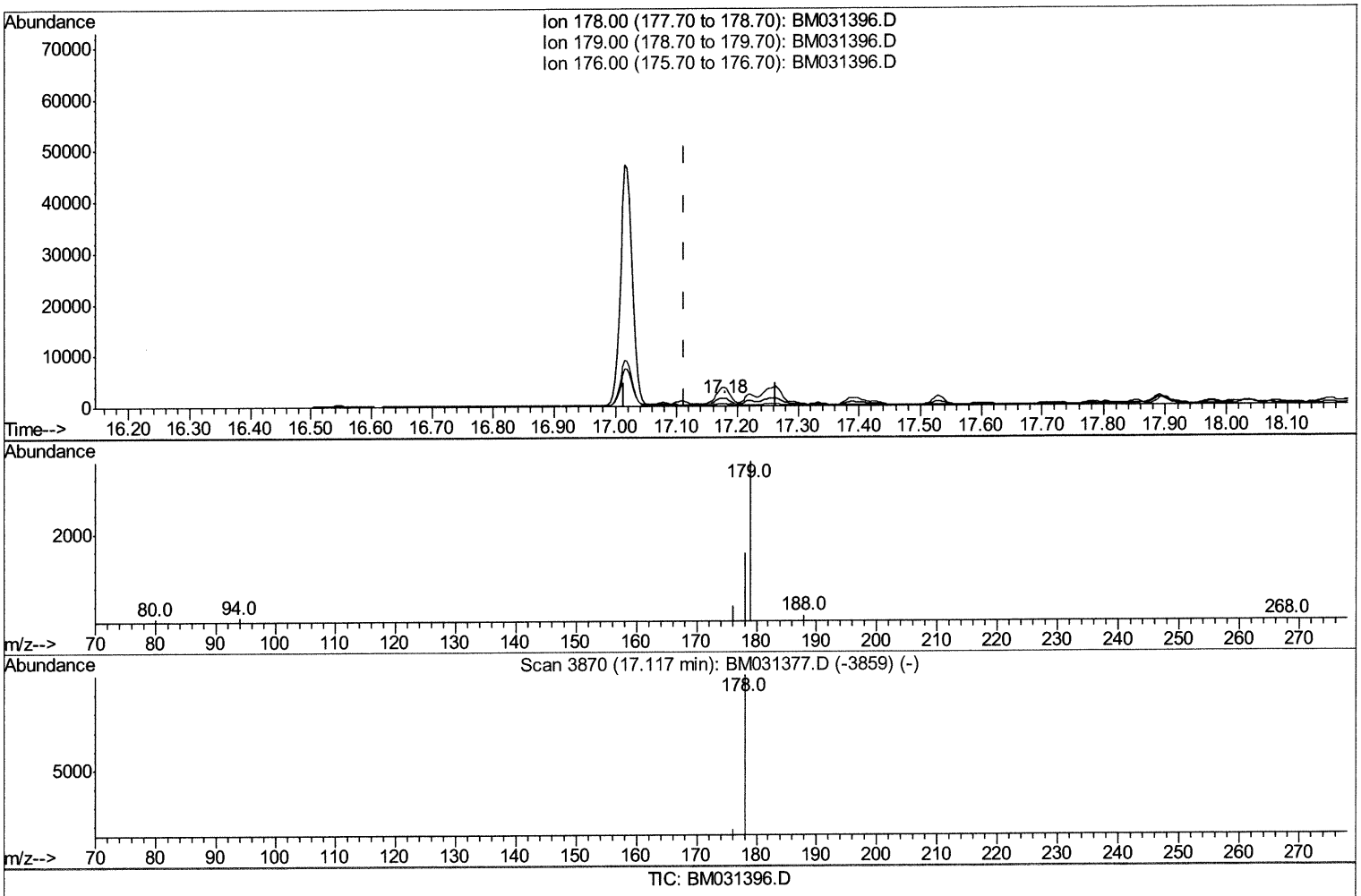


TIC: BM031396.D

(16) Anthracene

17.176min (+0.062) 0.10ng/ul

response 1857

Ion	Exp%	Act%
178.00	100	100
179.00	16.30	230.51#
176.00	19.50	25.56#
0.00	0.00	0.00

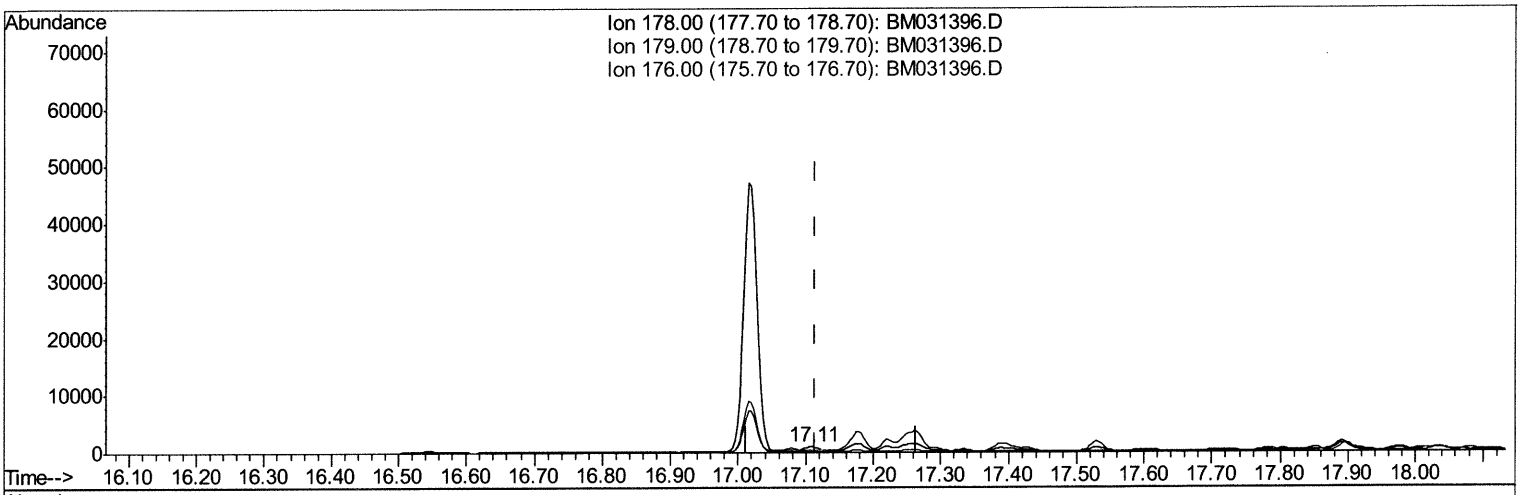
Quantitation Report (Qedit)

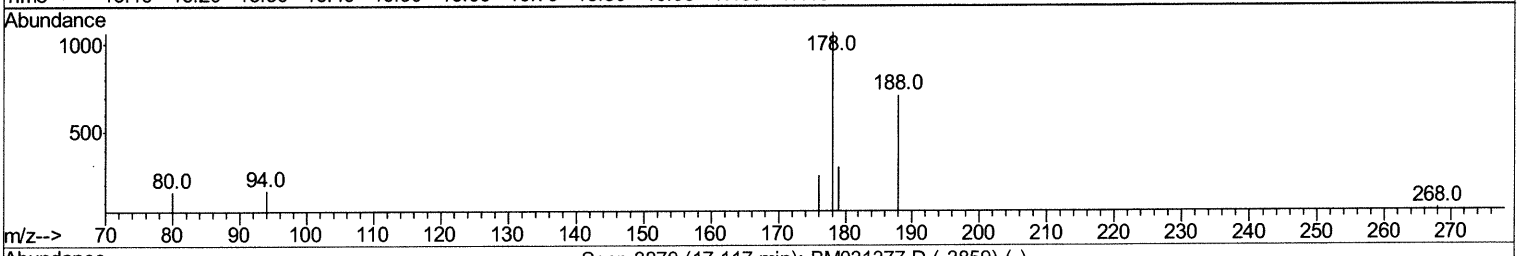
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031396.D
Acq On : 03 Aug 2021 04:23
Operator : CG/JU
Sample : M3123-15
Misc :
ALS Vial : 26 Sample Multiplier: 1

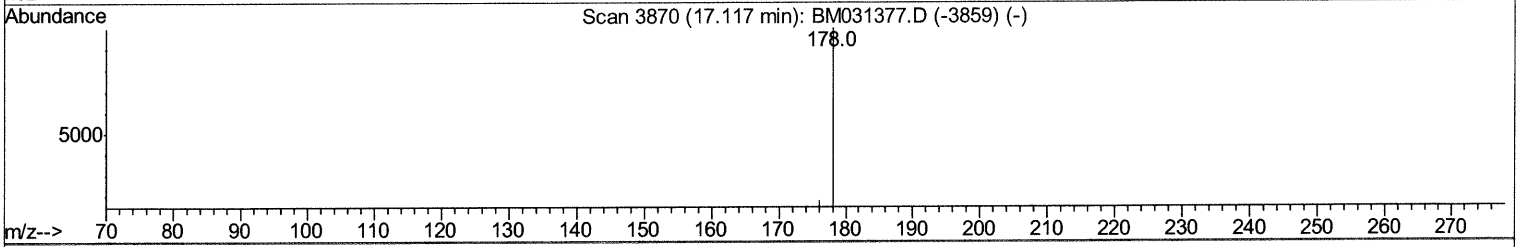
Quant Time: Aug 03 05:05:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 04:56:41 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0076

Manual Integrations APPROVED
mohammad
8/3/2021 11:51:15 AM







TIC: BM031396.D

(16) Anthracene

17.110min (-0.004) 0.06ng/ul m 08/04/21 JU

response 1074

Ion	Exp%	Act%
178.00	100	100
179.00	16.30	28.45#
176.00	19.50	23.94#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031396.D
Acq On : 03 Aug 2021 04:23
Operator : CG/JU
Sample : M3123-15
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Aug 03 05:06:36 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 : Tue Aug 03 04:56:41 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0076

Manual Integrations APPROVED
mohammad
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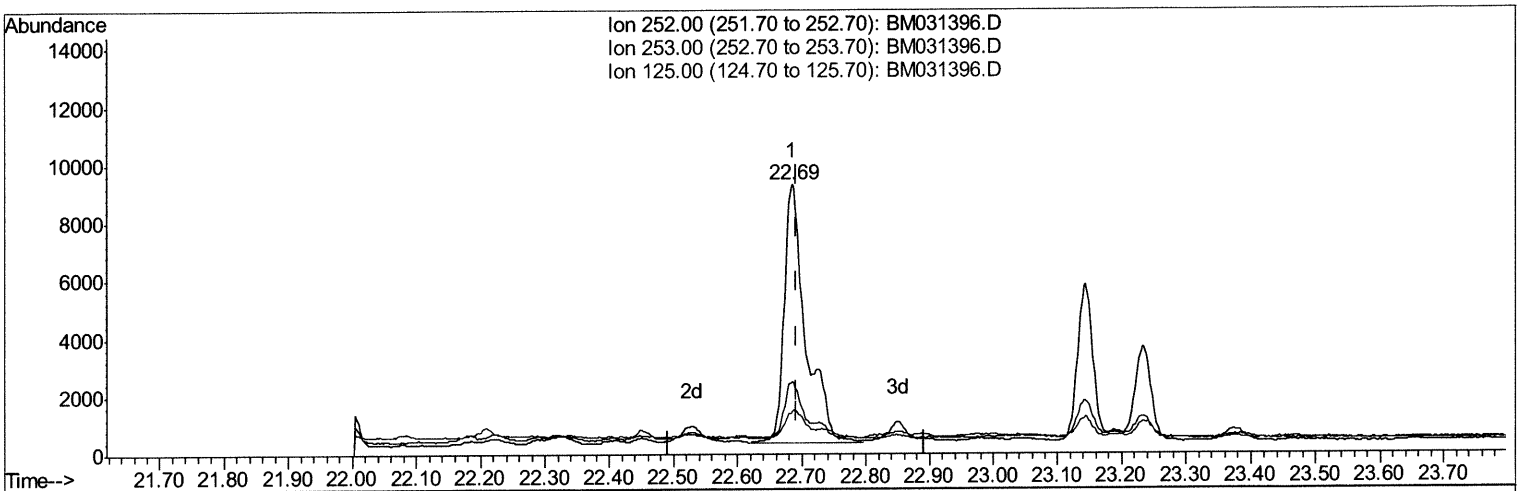

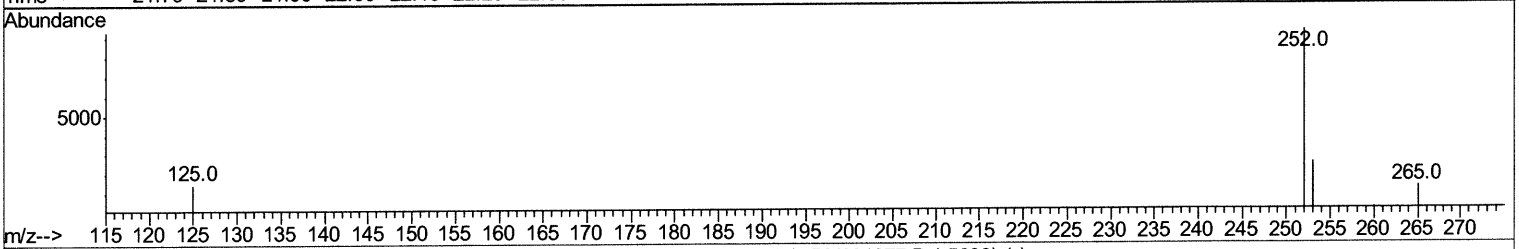

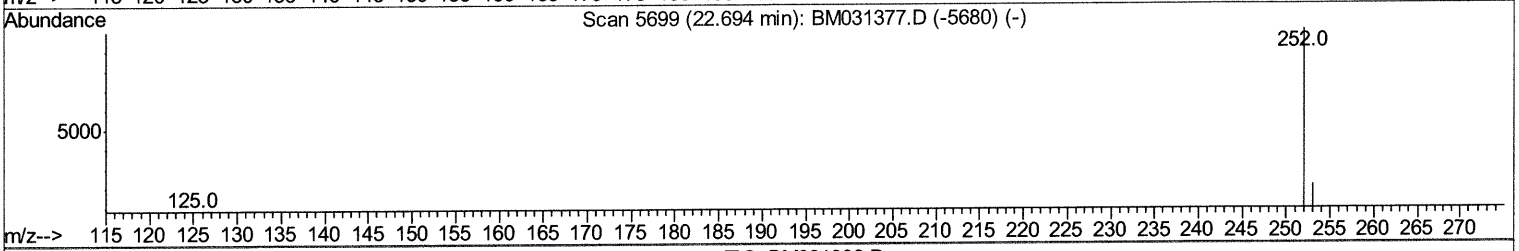

TIC: BM031396.D

(24) Benzo(b)fluoranthene

22.685min (-0.006) 0.99ng/ul

response 20984

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	26.91
125.00	11.40	15.88
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031396.D
Acq On : 03 Aug 2021 04:23
Operator : CG/JU
Sample : M3123-15
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Aug 03 05:06:36 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 : Tue Aug 03 04:56:41 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0076

Manual Integrations APPROVED
mohammad
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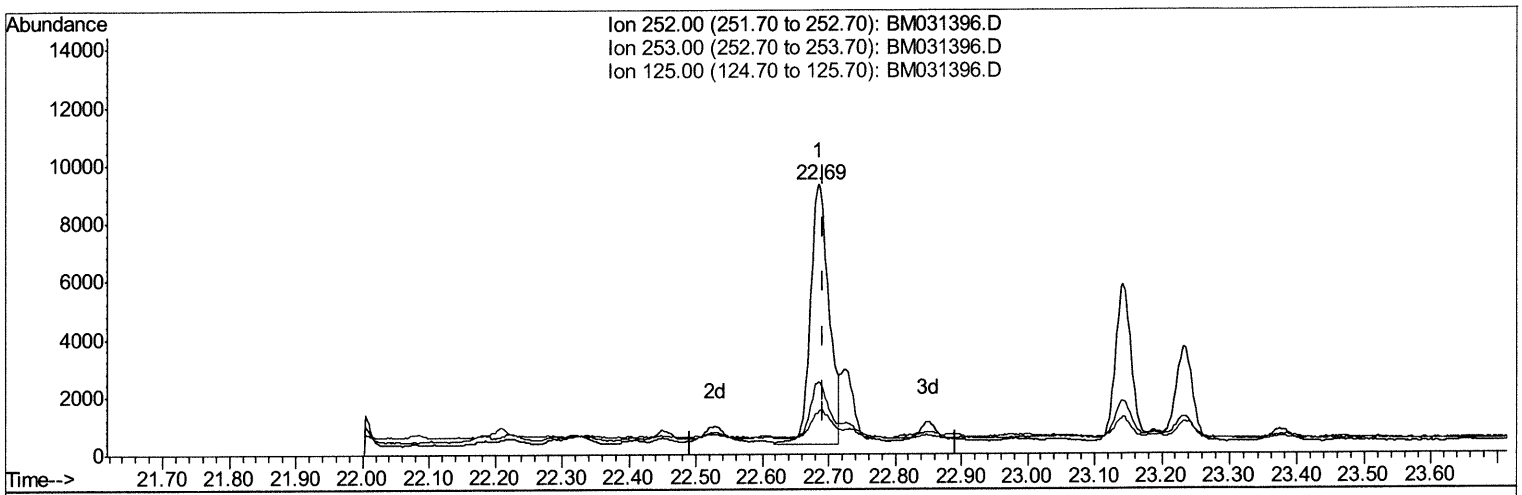

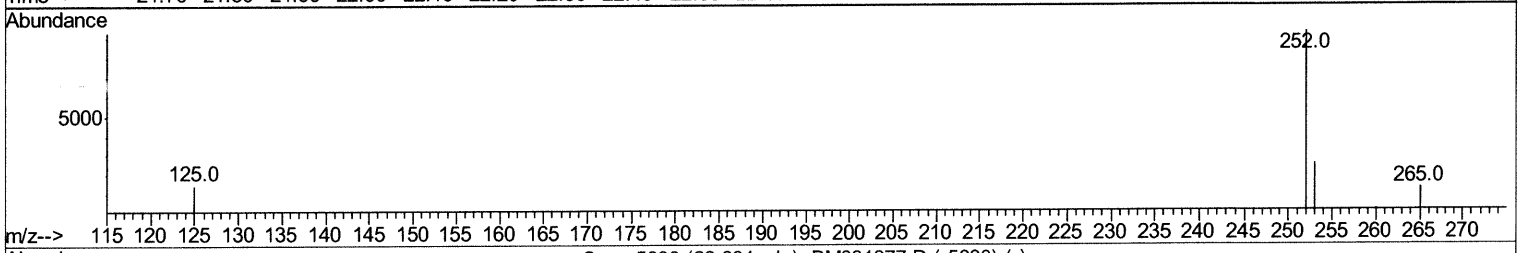

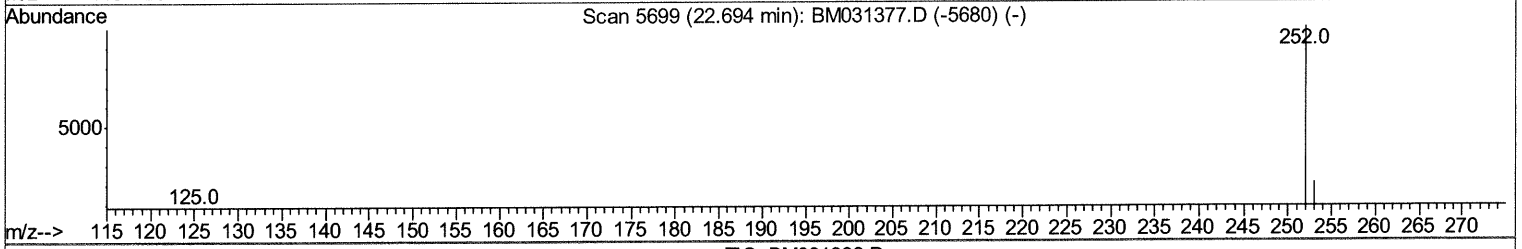

TIC: BM031396.D

(24) Benzo(b)fluoranthene

22.685min (-0.006) 0.81ng/ul m 08/04/21 JU

response 17231

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	26.91
125.00	11.40	15.88
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031396.D
Acq On : 03 Aug 2021 04:23
Operator : CG/JU
Sample : M3123-15
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Aug 03 05:07:47 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 : Tue Aug 03 04:56:41 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0076

Manual Integrations APPROVED
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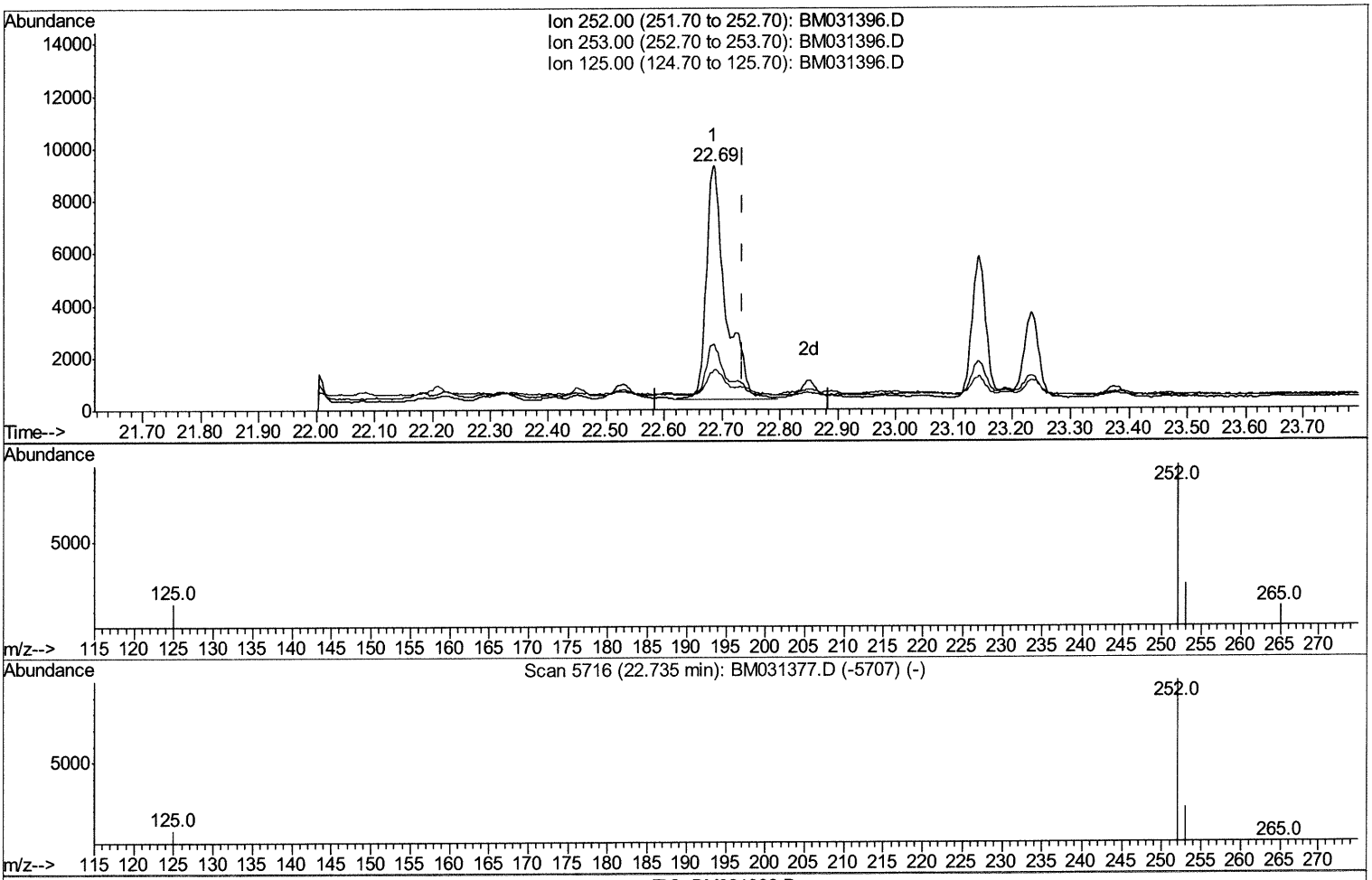


TIC: BM031396.D

(25) Benzo(k)fluoranthene

22.685min (-0.050) 0.96ng/ul

response 20984

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	26.91
125.00	11.00	15.88#
0.00	0.00	0.00

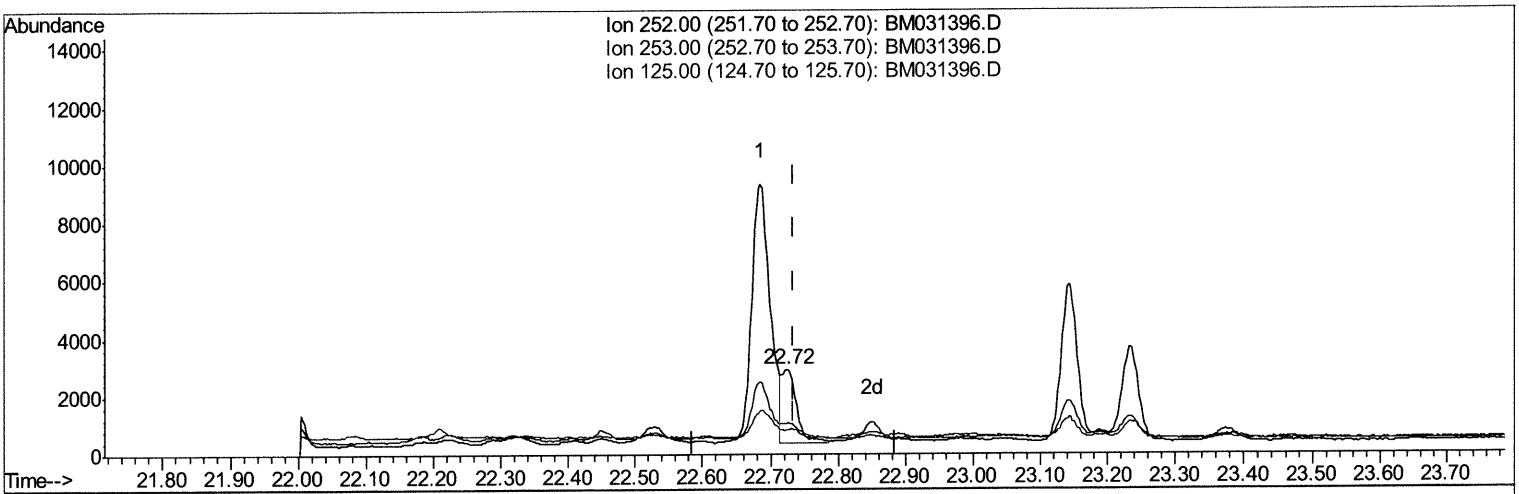
Quantitation Report (Qedit)

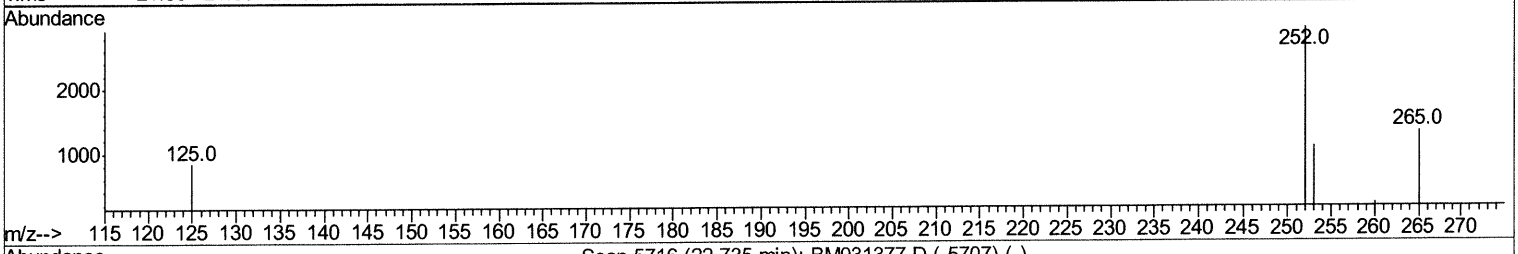
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031396.D
Acq On : 03 Aug 2021 04:23
Operator : CG/JU
Sample : M3123-15
Misc :
ALS Vial : 26 Sample Multiplier: 1

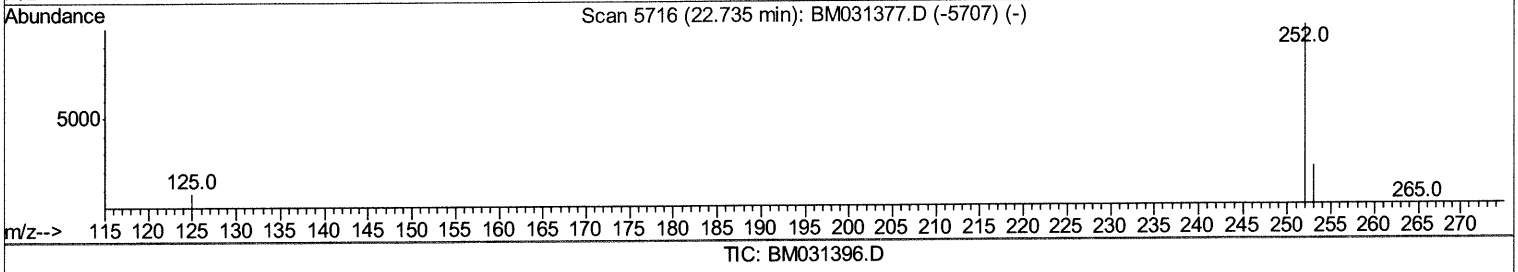
Quant Time: Aug 03 05:07:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 04:56:41 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0076

Manual Integrations APPROVED
mohammad
8/3/2021 11:51:15 AM







TIC: BM031396.D

(25) Benzo(k)fluoranthene

22.724min (-0.011) 0.18ng/ul m 08/04/21 JU

response 3882

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	36.70#
125.00	11.00	28.59#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031396.D
Acq On : 03 Aug 2021 04:23
Operator : CG/JU
Sample : M3123-15
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Aug 03 05:10:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	1201	0.40	ng/ul	0.00
4) Naphthalene-d8	10.36	136	4669	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.23	164	3443	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.98	188	6005	0.40	ng/ul	0.00
17) Chrysene-d12	21.17	240	5027	0.40	ng/ul	0.00
23) Perylene-d12	23.32	264	4712	0.40	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	1864	1.40	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.95	152	764	0.10	ng/ul	0.00
18) Fluoranthene-d10	19.01	212	1796	0.11	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.41	128	13289	0.955	ng/ul	98
7) 2-Methylnaphthalene	12.03	142	35971	3.786	ng/ul	100
8) 1-Methylnaphthalene	12.25	142	17375	1.851	ng/ul	99
10) Acenaphthylene	13.95	152	1214	0.083	ng/ul#	76
11) Acenaphthene	14.32	153	1704m >	0.138	ng/ul >	08/04/21JU
12) Fluorene	15.28	166	2672	0.188	ng/ul#	75
15) Phenanthrene	17.02	178	64039	3.358	ng/ul	98
16) Anthracene	17.11	178	1074m >	0.060	ng/ul >	08/04/21JU
19) Fluoranthene	19.04	202	24338	1.134	ng/ul#	95
20) Pyrene	19.40	202	20157	0.926	ng/ul#	95
21) Benzo(a)anthracene	21.15	228	8889	0.438	ng/ul#	69
22) Chrysene	21.20	228	34617	1.648	ng/ul#	94
24) Benzo(b)fluoranthene	22.69	252	17231m >	0.812	ng/ul >	08/04/21JU
25) Benzo(k)fluoranthene	22.72	252	3882m >	0.177	ng/ul >	
26) Benzo(a)pyrene	23.23	252	5806	0.312	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	25.47	276	4729	0.197	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.48	278	2604	0.134	ng/ul#	38
29) Benzo(g,h,i)perylene	26.12	276	635	0.031	ng/ul#	36

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