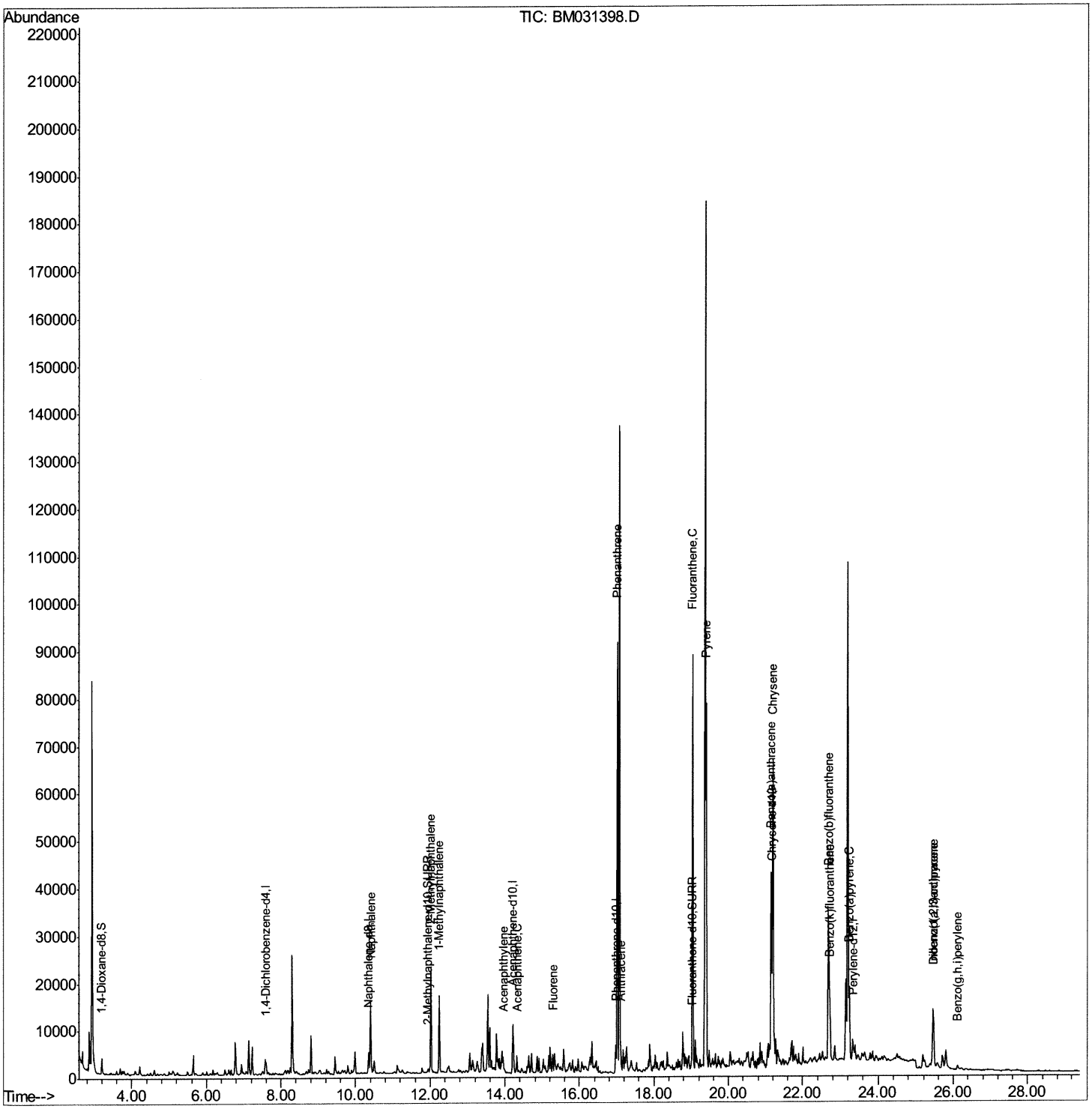
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031398.D
Acq On : 03 Aug 2021 05:36
Operator : CG/JU
Sample : M3123-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Aug 03 06:28:16 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 05:32:52 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0073

Manual Integrations APPROVED
mohammad
8/3/2021 11:51:21 AM



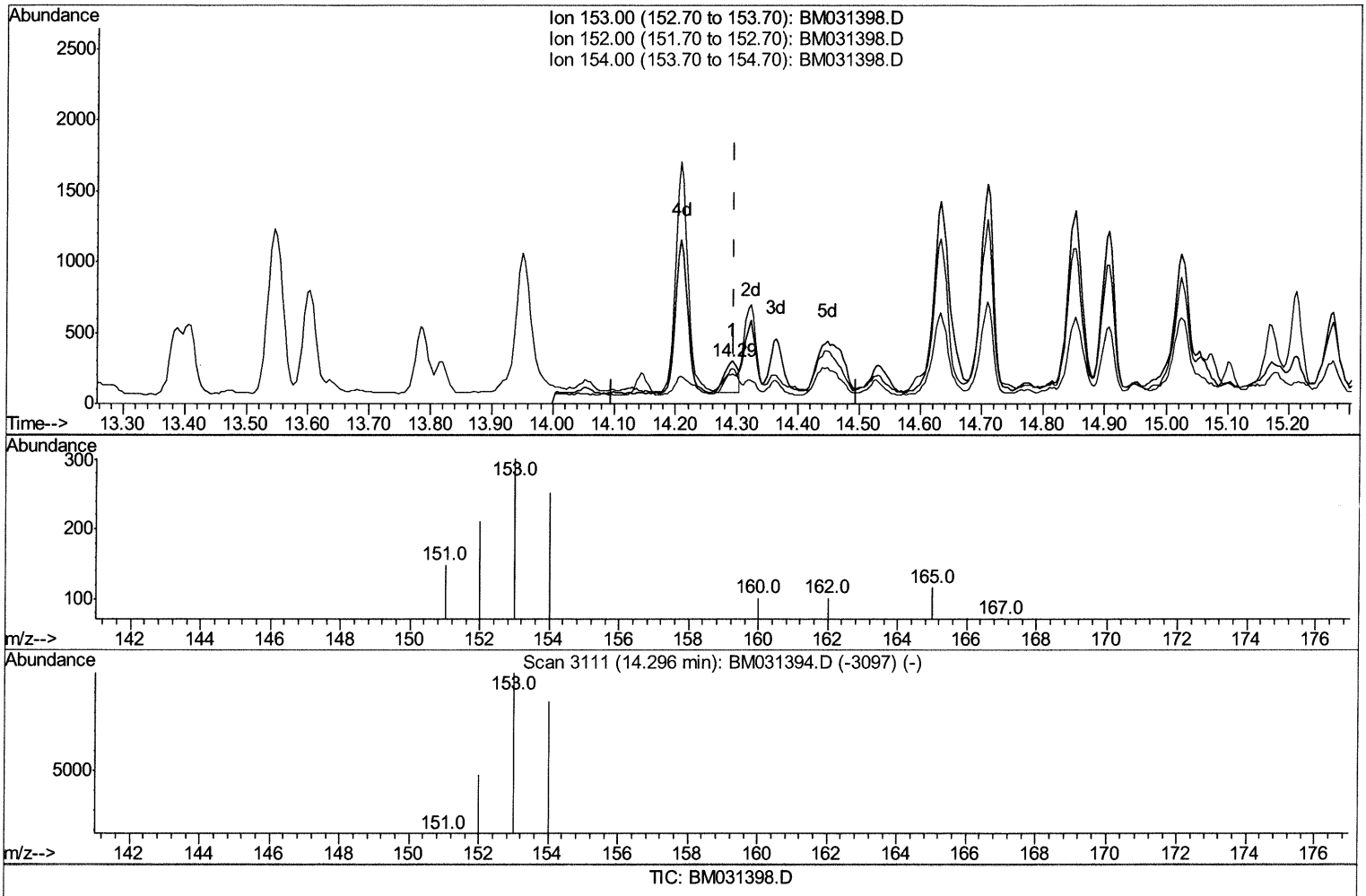
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031398.D
Acq On : 03 Aug 2021 05:36
Operator : CG/JU
Sample : M3123-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Aug 03 06:23:46 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 05:32:52 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0073

Manual Integrations APPROVED
mohammad
8/3/2021 11:51:21 AM



TIC: BM031398.D

(11) Acenaphthene (C)

14.292min (-0.004) 0.03ng/ul

response 331

Ion	Exp%	Act%
153.00	100	100
152.00	50.90	70.43#
154.00	87.70	83.72
0.00	0.00	0.00

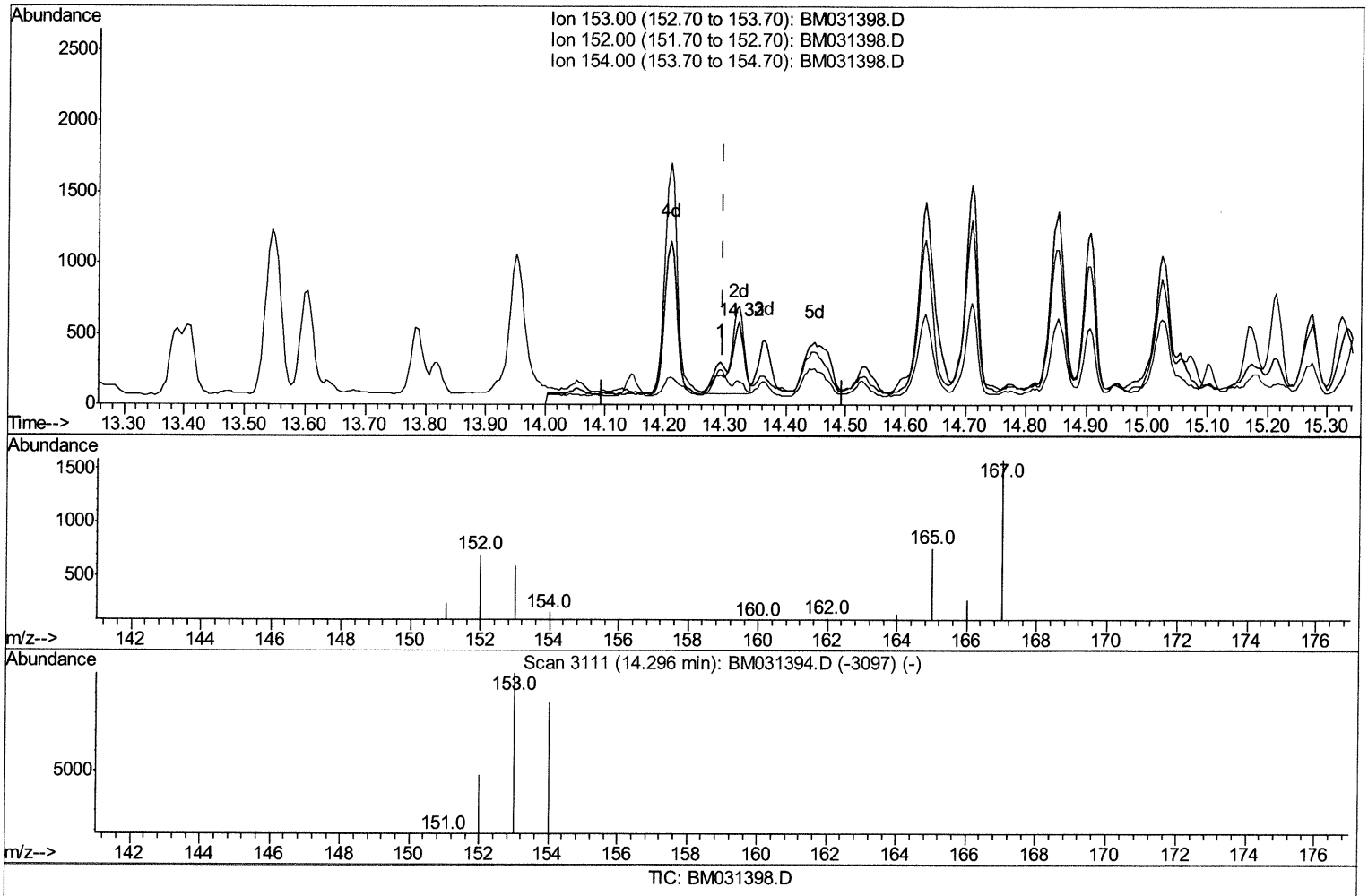
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031398.D
Acq On : 03 Aug 2021 05:36
Operator : CG/JU
Sample : M3123-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Aug 03 06:23:46 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 05:32:52 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0073

Manual Integrations APPROVED
mohammad
8/3/2021 11:51:21 AM



TIC: BM031398.D

(11) Acenaphthene (C)

14.322min (+0.027) 0.07ng/ul m 08/04/21JU

response 989

Ion	Exp%	Act%
153.00	100	100
152.00	50.90	118.64#
154.00	87.70	27.97#
0.00	0.00	0.00

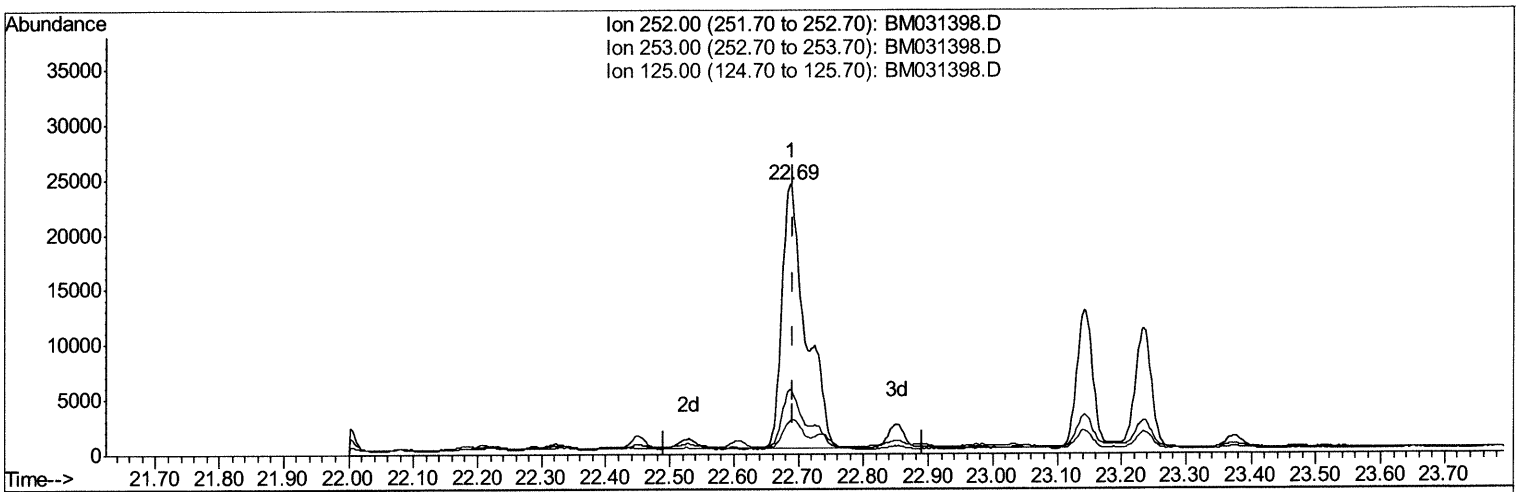
Quantitation Report (Qedit)

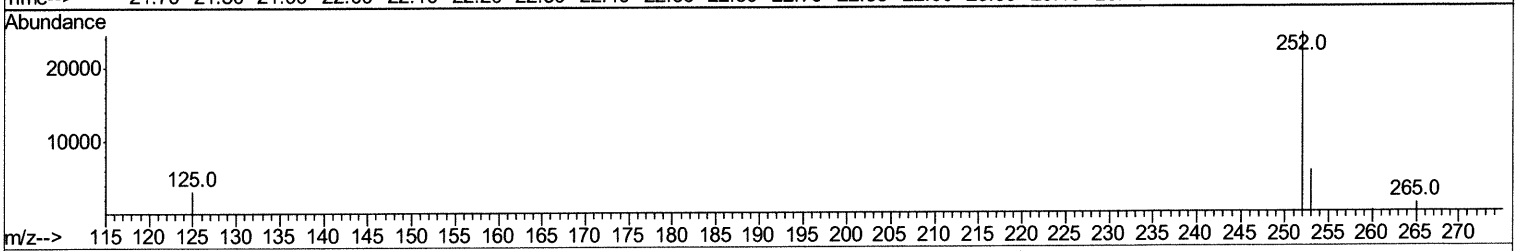
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031398.D
Acq On : 03 Aug 2021 05:36
Operator : CG/JU
Sample : M3123-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

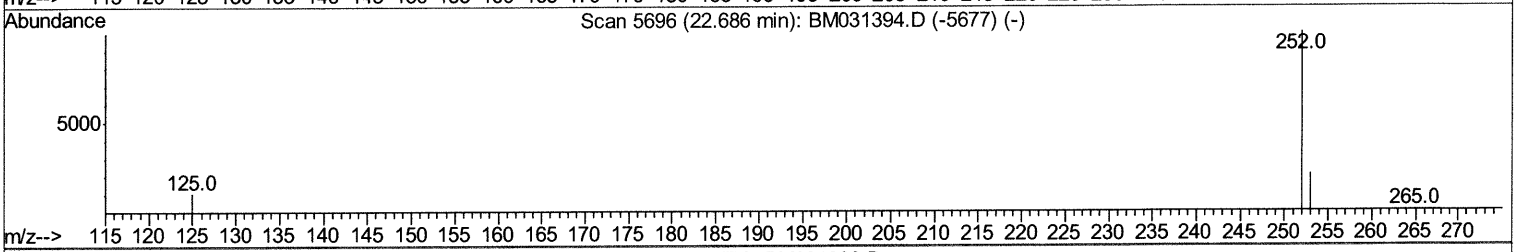
Quant Time: Aug 03 06:26:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 05:32:52 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0073

Manual Integrations APPROVED
mohammad
8/3/2021 11:51:21 AM







TIC: BM031398.D

(24) Benzo(b)fluoranthene

22.689min (-0.002) 2.62ng/ul

response 61382

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	23.64
125.00	11.40	12.86
0.00	0.00	0.00

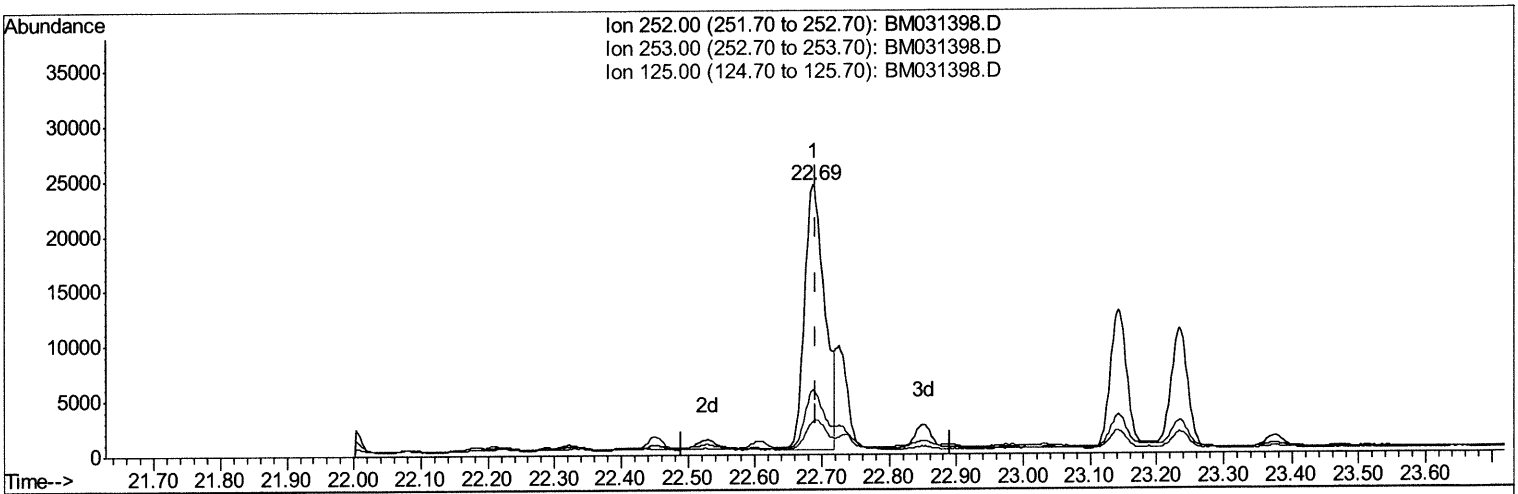
Quantitation Report (Qedit)

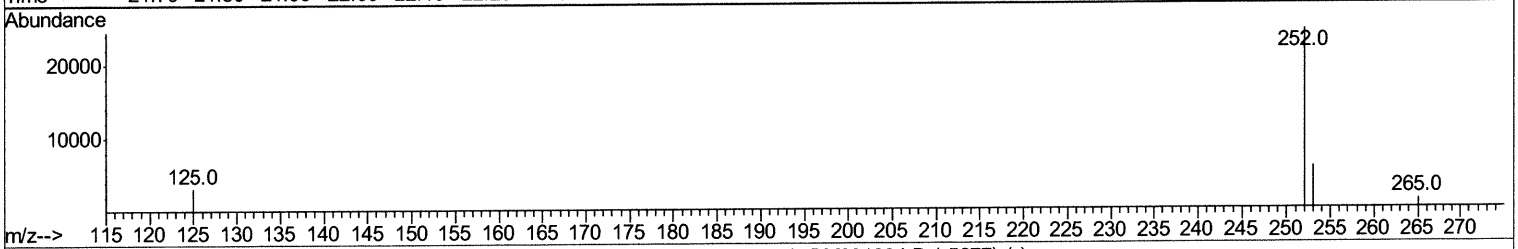
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031398.D
Acq On : 03 Aug 2021 05:36
Operator : CG/JU
Sample : M3123-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

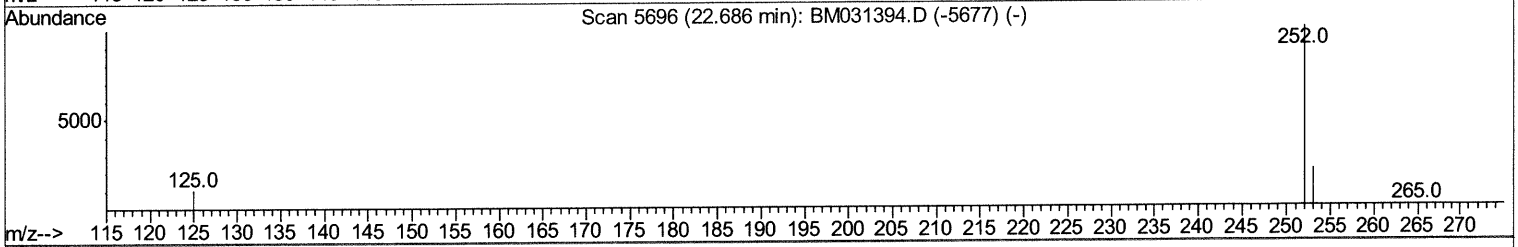
Quant Time: Aug 03 06:26:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 05:32:52 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0073

Manual Integrations APPROVED
mohammad
8/3/2021 11:51:21 AM







TIC: BM031398.D

(24) Benzo(b)fluoranthene

22.689min (-0.002) 2.13ng/ul m 08/04/21JU

response 49883

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	23.64
125.00	11.40	12.86
0.00	0.00	0.00

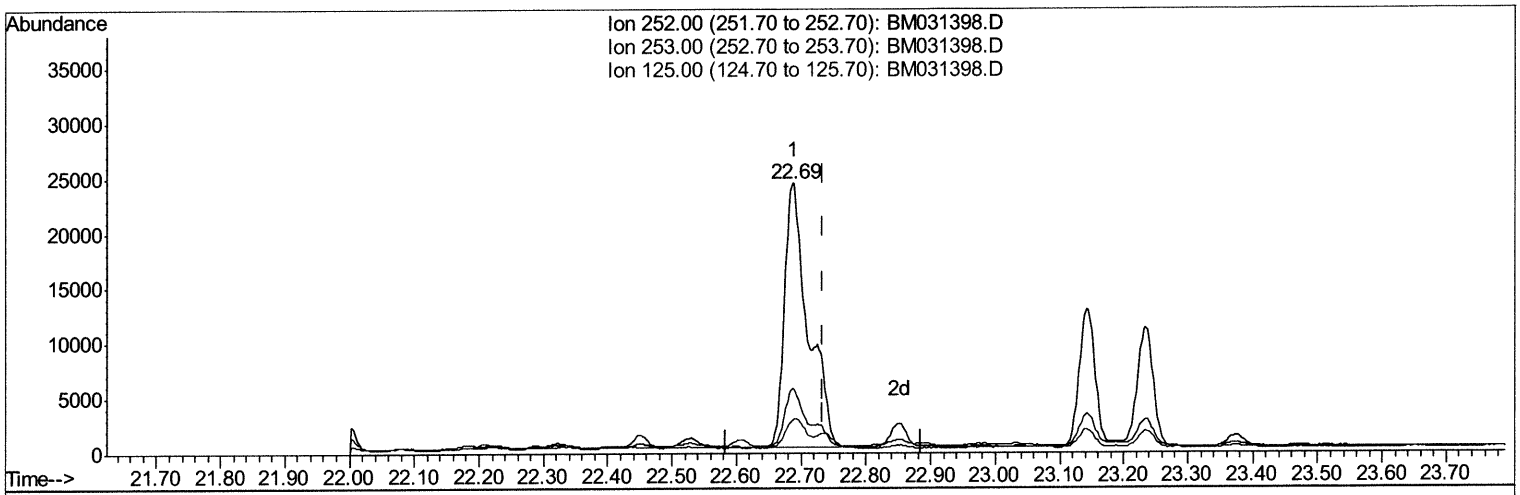
Quantitation Report (Qedit)

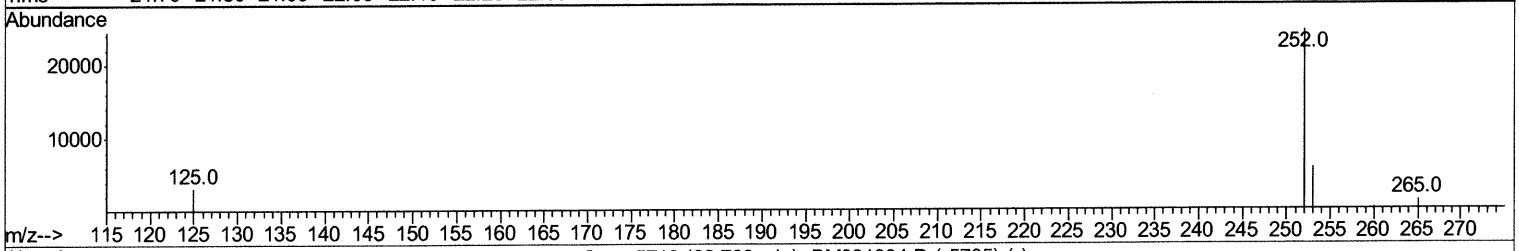
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031398.D
Acq On : 03 Aug 2021 05:36
Operator : CG/JU
Sample : M3123-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

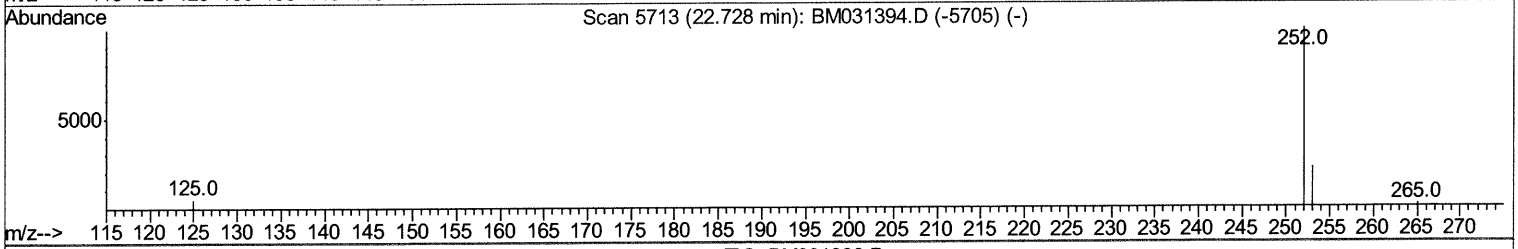
Quant Time: Aug 03 06:27:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 05:32:52 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0073

Manual Integrations APPROVED
mohammad
8/3/2021 11:51:21 AM







TIC: BM031398.D

(25) Benzo(k)fluoranthene

22.689min (-0.046) 2.53ng/ul

response 61382

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	23.64
125.00	11.00	12.86
0.00	0.00	0.00

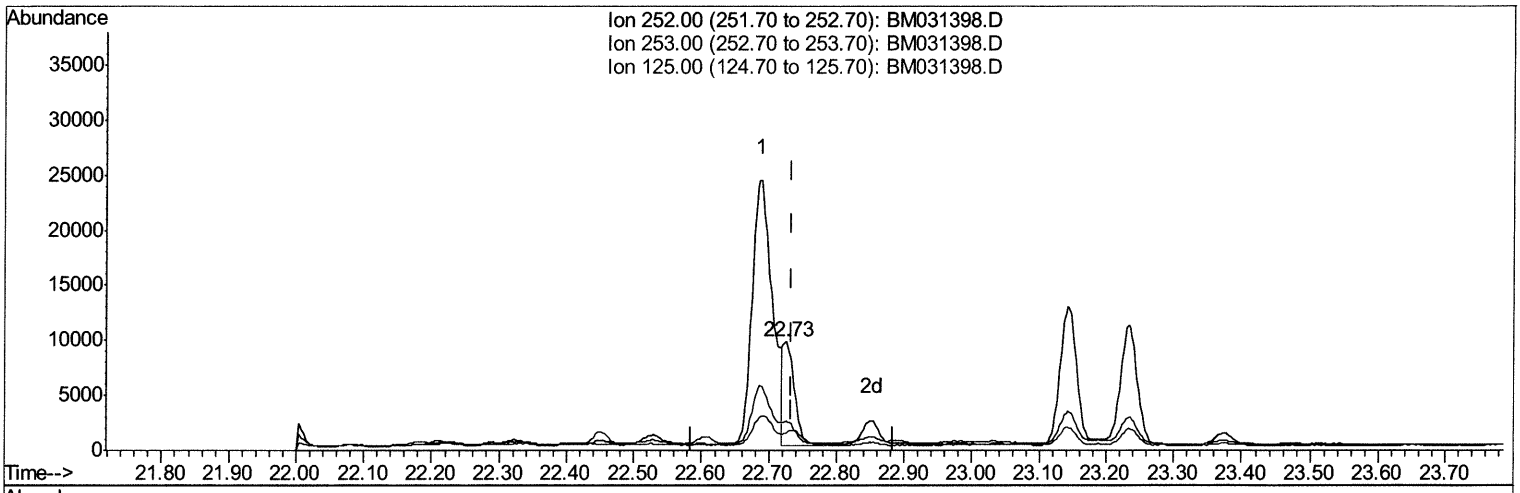
Quantitation Report (Qedit)

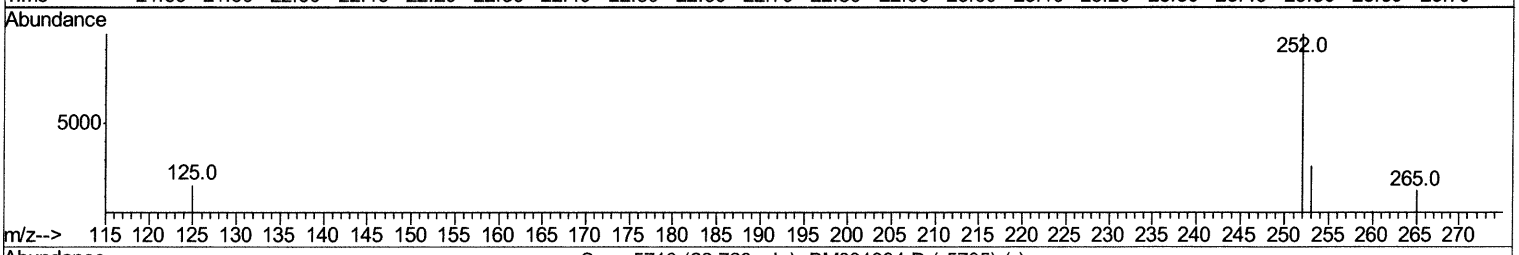
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031398.D
Acq On : 03 Aug 2021 05:36
Operator : CG/JU
Sample : M3123-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

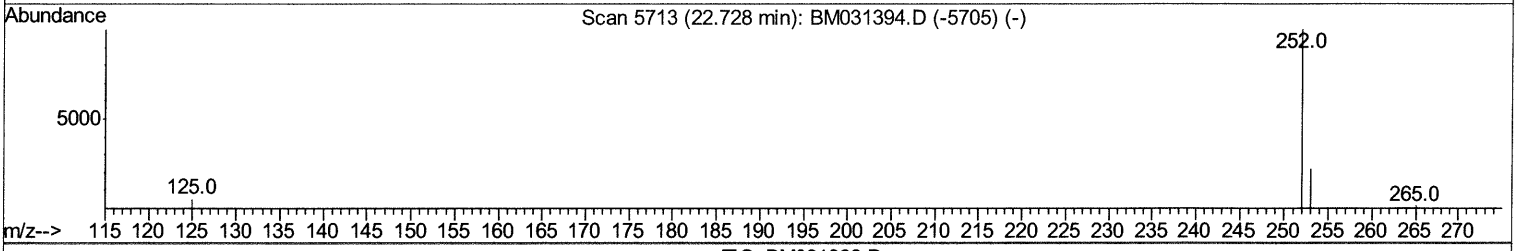
Quant Time: Aug 03 06:27:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 05:32:52 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0073

Manual Integrations APPROVED
mohammad
8/3/2021 11:51:21 AM







TIC: BM031398.D

(25) Benzo(k)fluoranthene

22.725min (-0.010) 0.48ng/ul m 08/04/21 JU

response 11599

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	27.01
125.00	11.00	16.17#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031398.D
Acq On : 03 Aug 2021 05:36
Operator : CG/JU
Sample : M3123-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0073

Manual Integrations APPROVED
mohammad
8/3/2021 11:51:21 AM

Quant Time: Aug 03 06:28:16 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 05:32:52 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	1384	0.40	ng/ul	0.00
4) Naphthalene-d8	10.36	136	5455	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.23	164	3692	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.98	188	6863	0.40	ng/ul	0.00
17) Chrysene-d12	21.17	240	5355	0.40	ng/ul	0.00
23) Perylene-d12	23.33	264	5202	0.40	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	2113	1.37	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.95	152	965	0.10	ng/ul	0.00
18) Fluoranthene-d10	19.01	212	2196	0.12	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.41	128	17205	1.059	ng/ul	98
7) 2-Methylnaphthalene	12.03	142	15320	1.380	ng/ul	100
8) 1-Methylnaphthalene	12.25	142	10898	0.994	ng/ul	100
10) Acenaphthylene	13.95	152	1859	0.118	ng/ul#	85
11) Acenaphthene	14.32	153	989m >	0.075	ng/ul >	08/04/21JU
12) Fluorene	15.28	166	1375	0.090	ng/ul#	67
15) Phenanthrene	17.02	178	93519	4.291	ng/ul	98
16) Anthracene	17.11	178	4704	0.231	ng/ul#	94
19) Fluoranthene	19.04	202	75596	3.306	ng/ul	97
20) Pyrene	19.40	202	64409	2.777	ng/ul	97
21) Benzo(a)anthracene	21.15	228	30932	1.430	ng/ul#	87
22) Chrysene	21.20	228	67245	3.006	ng/ul#	94
24) Benzo(b)fluoranthene	22.69	252	49883m >	2.128	ng/ul >	08/04/21JU
25) Benzo(k)fluoranthene	22.73	252	11599m >	0.479	ng/ul	
26) Benzo(a)pyrene	23.23	252	19248	0.938	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.47	276	16831	0.634	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.47	278	7132	0.334	ng/ul#	73
29) Benzo(g,h,i)perylene	26.11	276	1811	0.080	ng/ul#	67

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