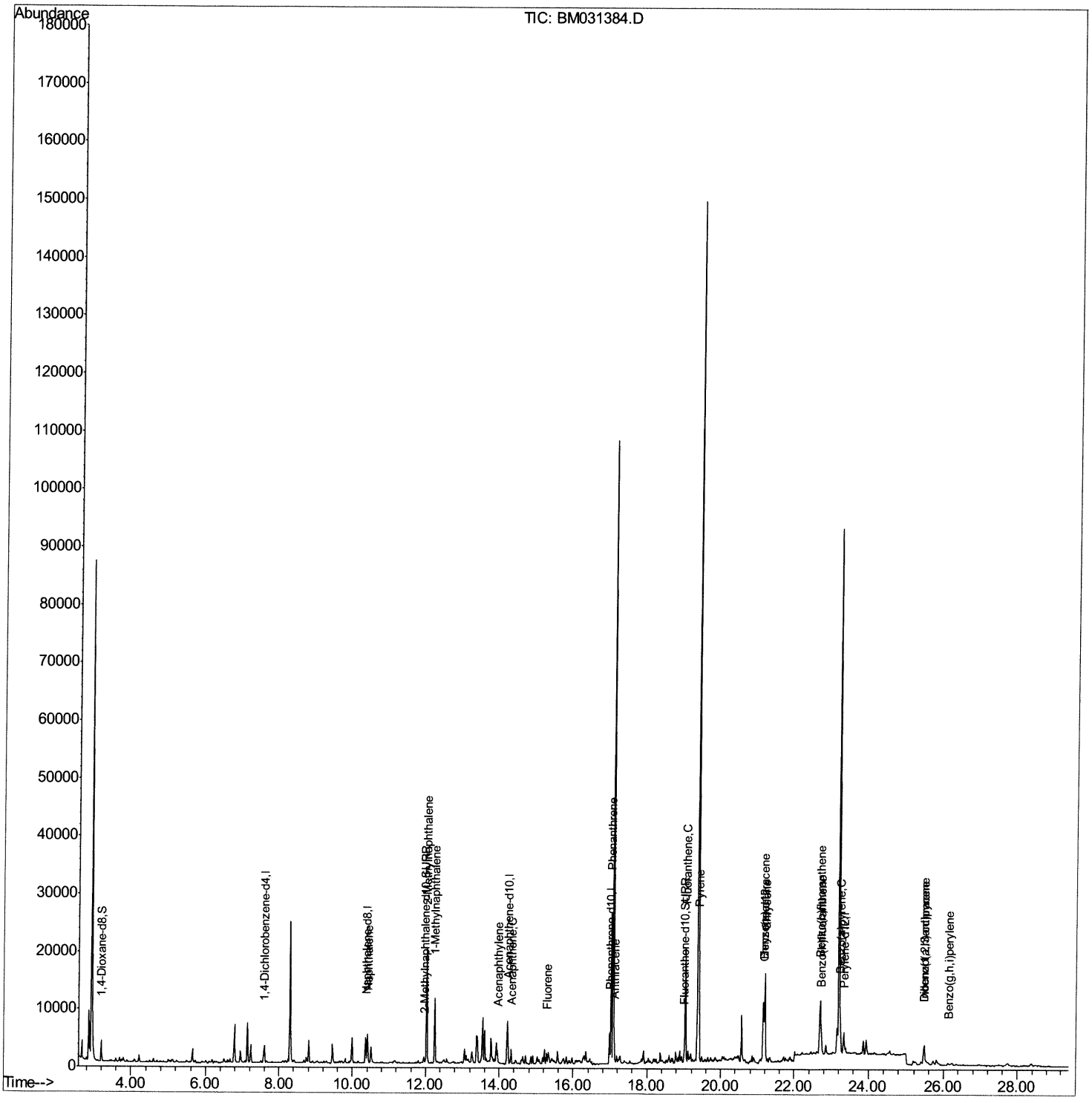
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031384.D
Acq On : 02 Aug 2021 20:24
Operator : CG/JU
Sample : M3123-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 03 02:26:00 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 : Mon Aug 02 11:29:41 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0075

Manual Integrations APPROVED
mohammad
8/3/2021 11:50:48 AM



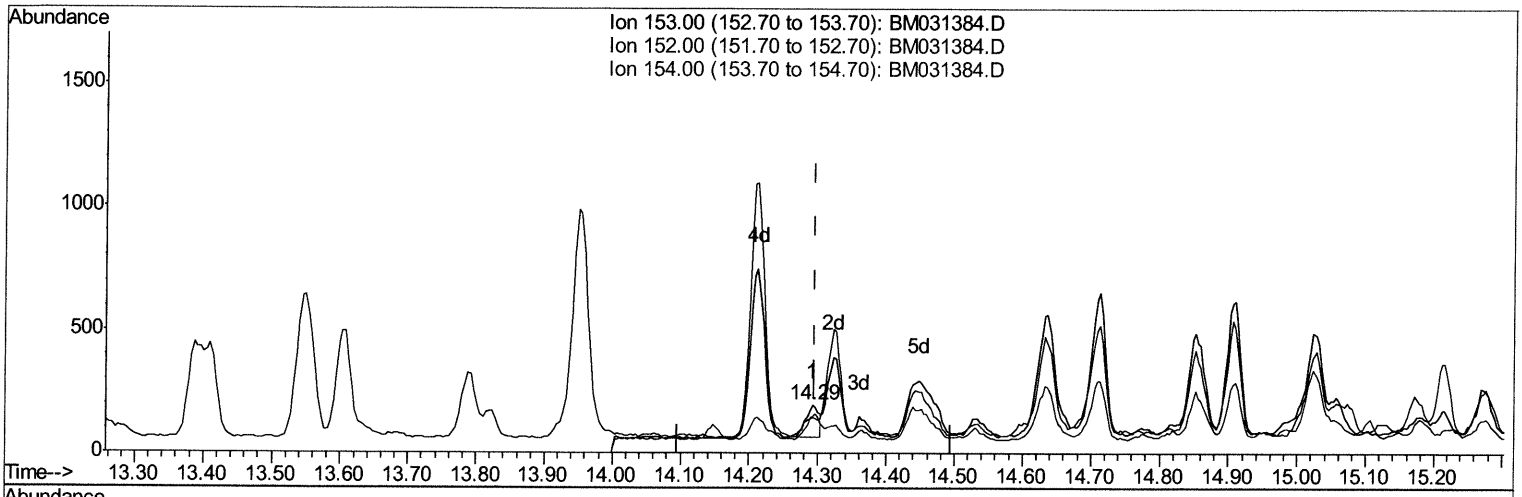
Quantitation Report (Qedit)

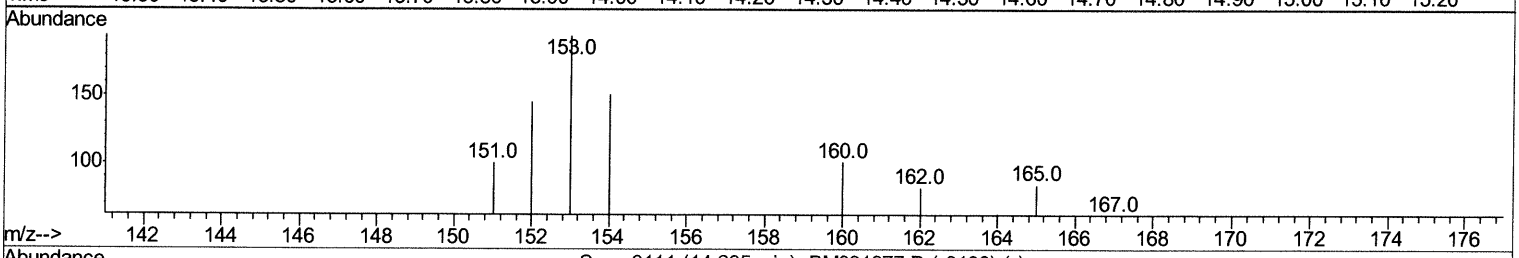
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031384.D
Acq On : 02 Aug 2021 20:24
Operator : CG/JU
Sample : M3123-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

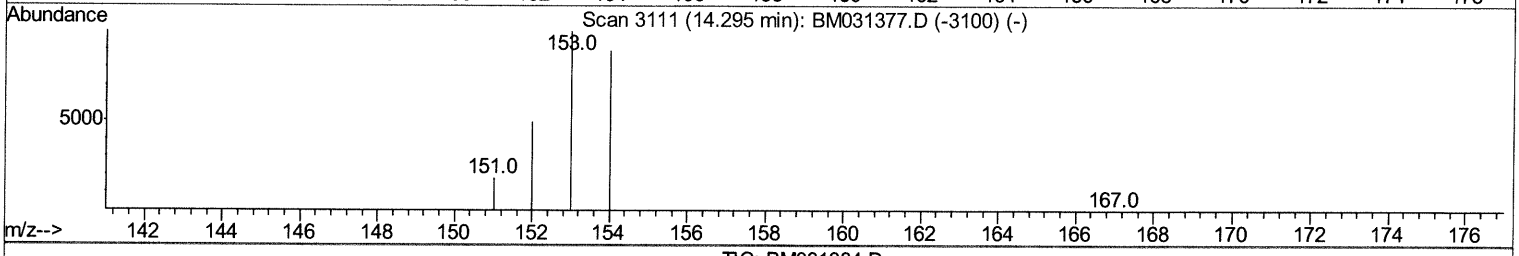
Quant Time: Aug 03 02:06:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 11:29:41 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0075

Manual Integrations APPROVED
mohammad
8/3/2021 11:50:48 AM







TIC: BM031384.D

(11) Acenaphthene (C)

14.292min (-0.004) 0.01ng/ul

response 175

Ion	Exp%	Act%
153.00	100	100
152.00	50.90	74.87#
154.00	87.70	77.44
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031384.D
Acq On : 02 Aug 2021 20:24
Operator : CG/JU
Sample : M3123-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 03 02:06:10 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 : Mon Aug 02 11:29:41 2021
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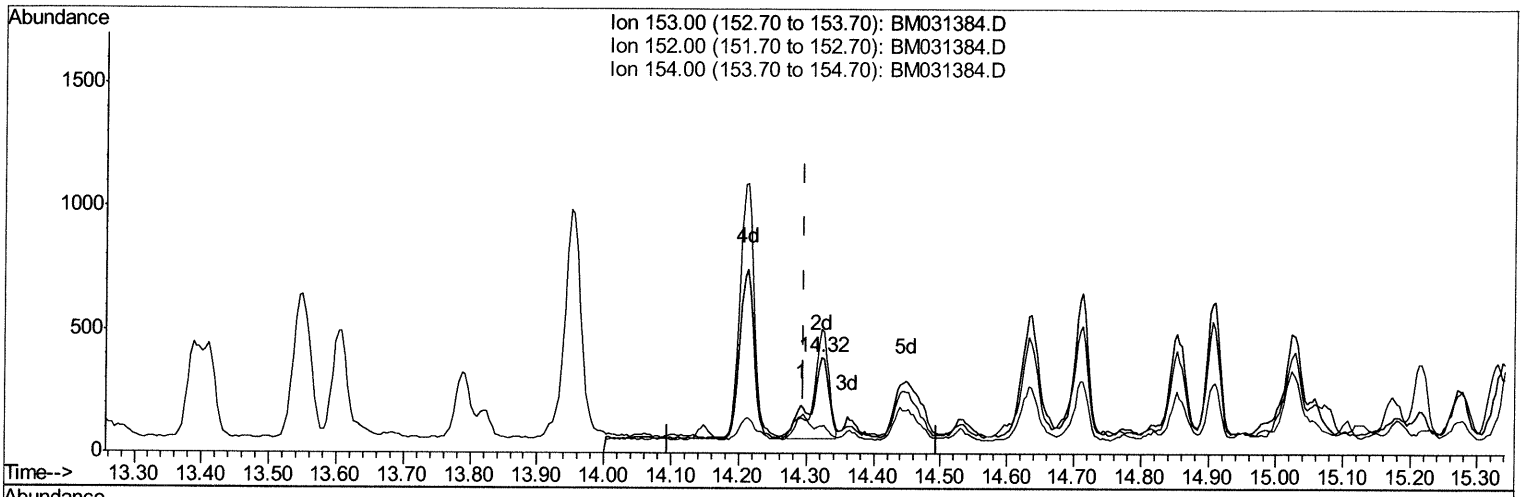
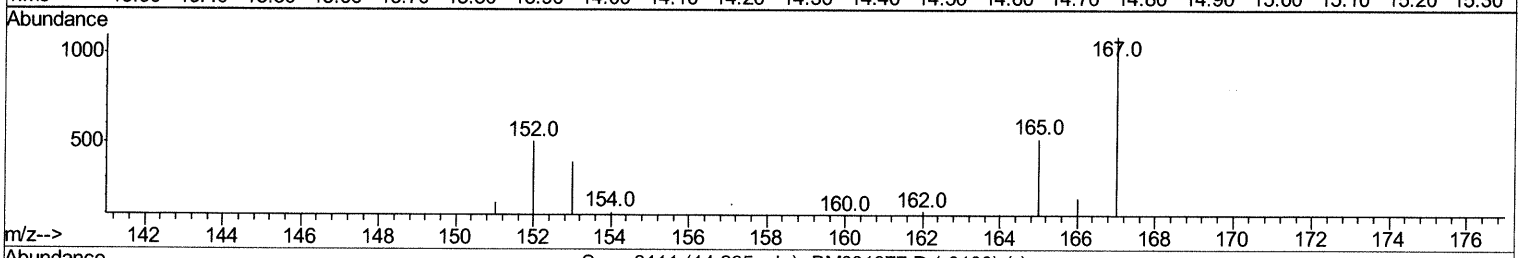
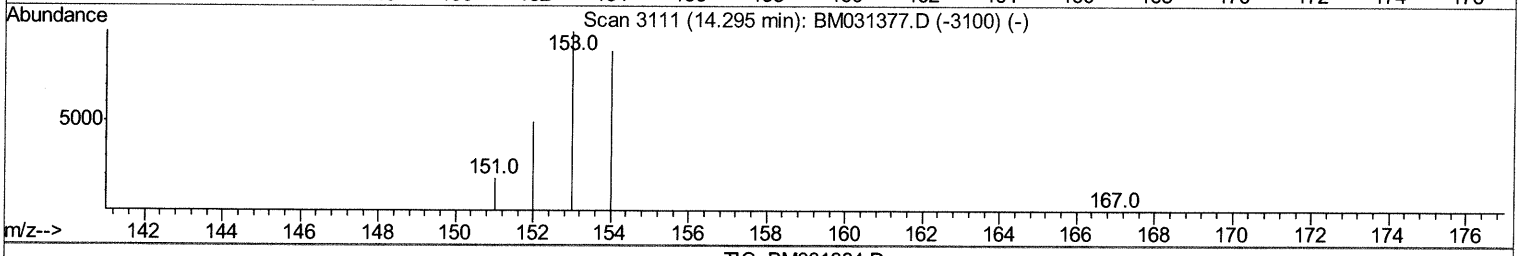
Instrument :
BNA_M
ClientSampleId :
C0075

Manual Integrations APPROVED
mohammad
8/3/2021 11:50:48 AM







TIC: BM031384.D

(11) Acenaphthene (C)

14.322min (+0.027) 0.05ng/ul m 08/04/21JU

response 645

Ion	Exp%	Act%
153.00	100	100
152.00	50.90	128.64#
154.00	87.70	28.13#
0.00	0.00	0.00

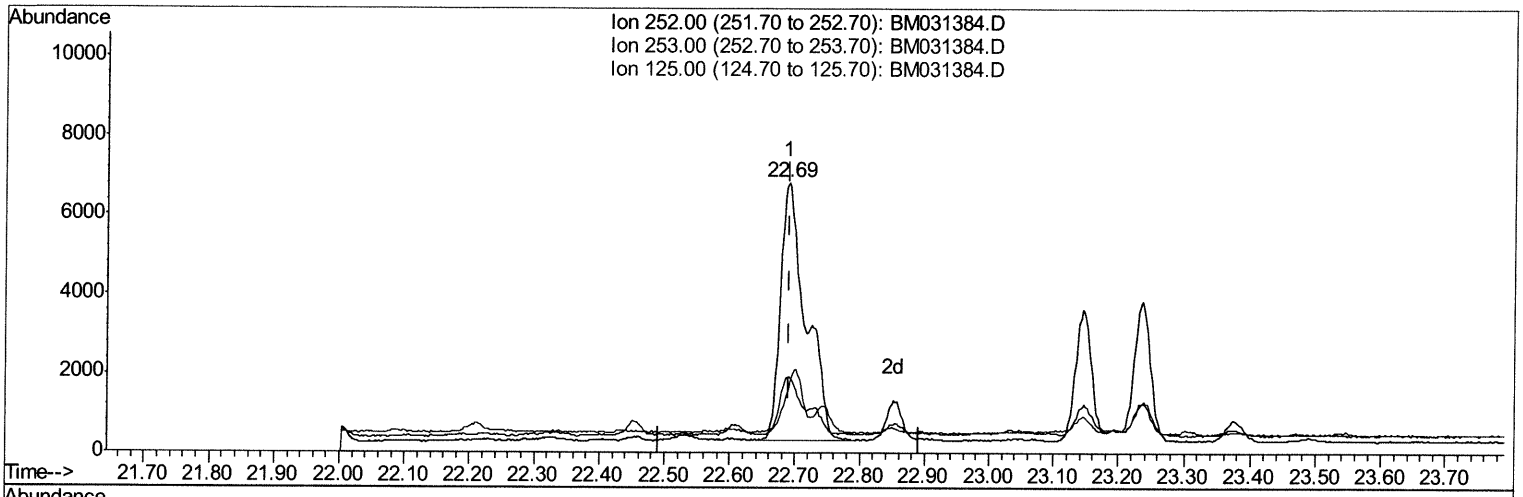
Quantitation Report (Qedit)

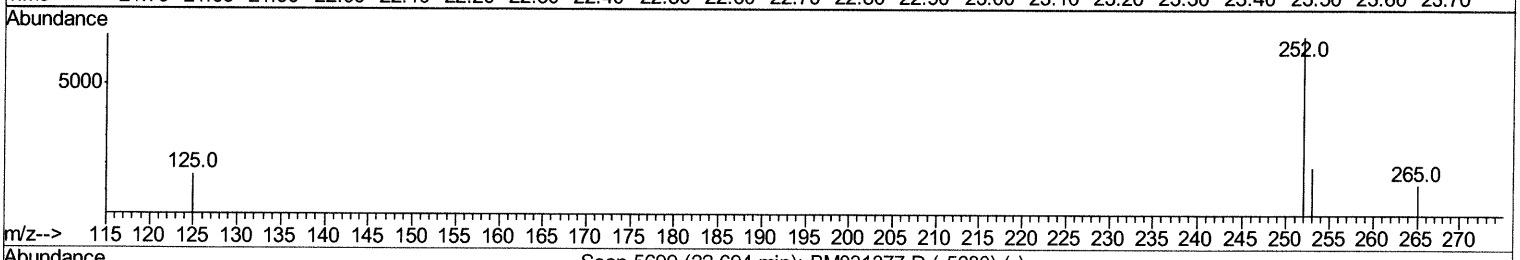
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031384.D
Acq On : 02 Aug 2021 20:24
Operator : CG/JU
Sample : M3123-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

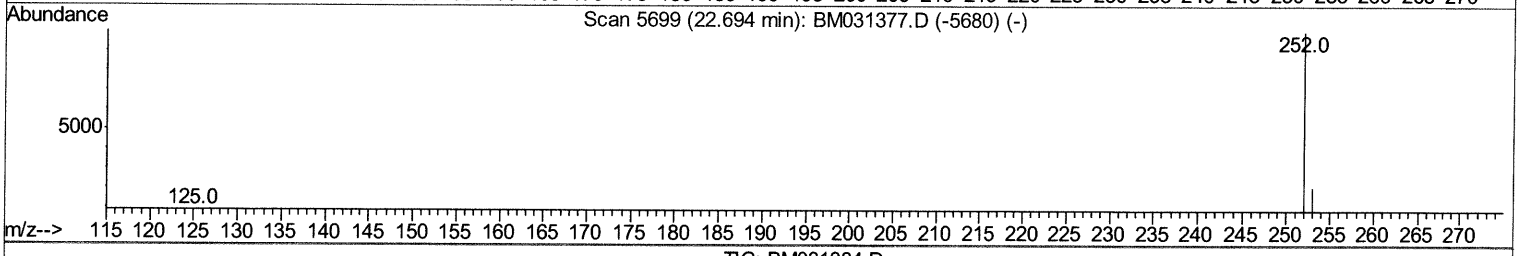
Quant Time: Aug 03 02:23:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 11:29:41 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0075

Manual Integrations APPROVED
mohammad
8/3/2021 11:50:48 AM







TIC: BM031384.D

(24) Benzo(b)fluoranthene

22.689min (-0.002) 0.89ng/ul

response 17622

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	28.04
125.00	11.40	23.54#
0.00	0.00	0.00

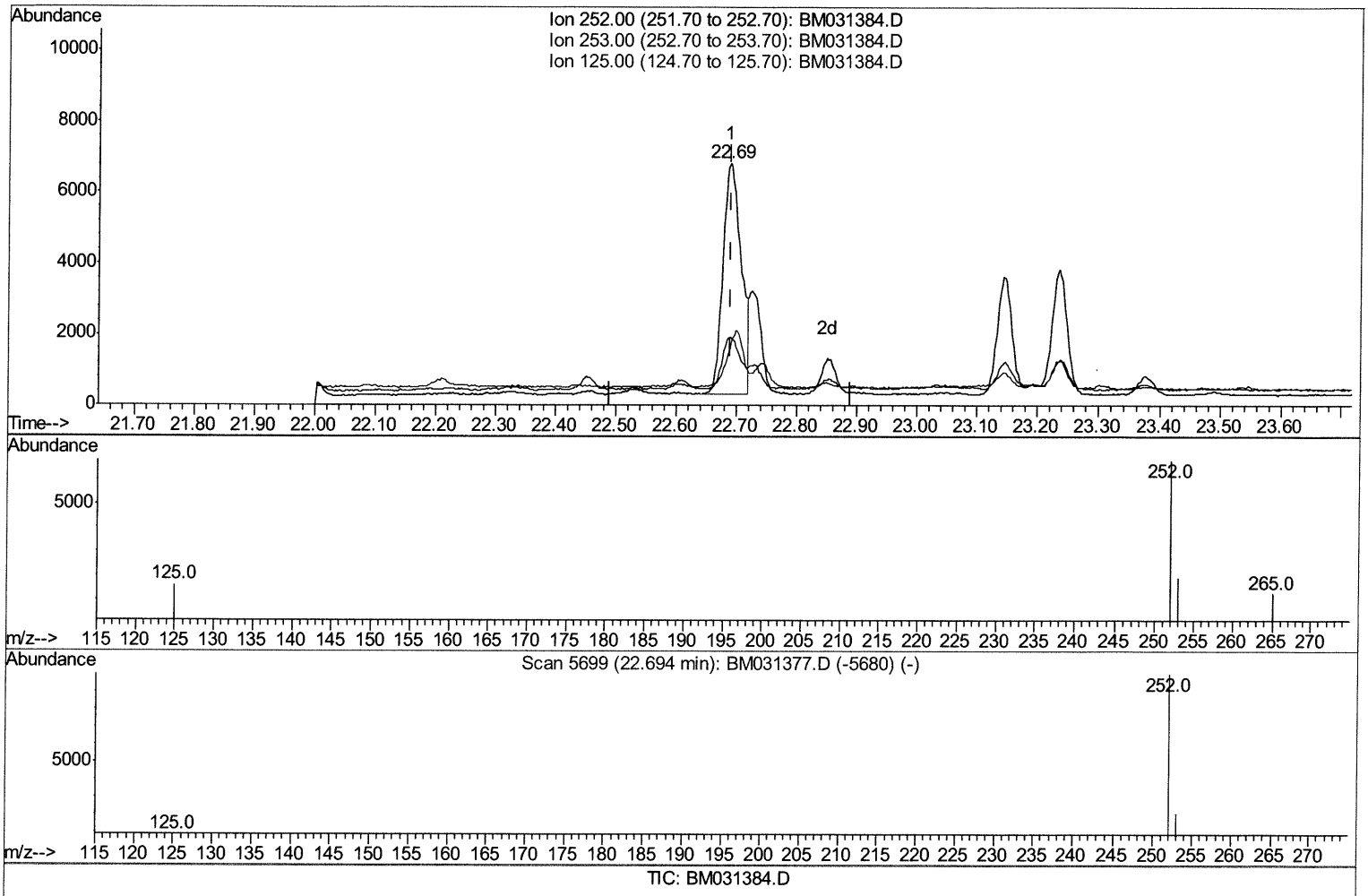
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031384.D
Acq On : 02 Aug 2021 20:24
Operator : CG/JU
Sample : M3123-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 03 02:23:56 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 : Mon Aug 02 11:29:41 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0075

Manual Integrations APPROVED
mohammad
8/3/2021 11:50:48 AM



TIC: BM031384.D

(24) Benzo(b)fluoranthene

22.689min (-0.002) 0.68ng/ul m 08/04/21 JU

response 13613

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	28.04
125.00	11.40	23.54#
0.00	0.00	0.00

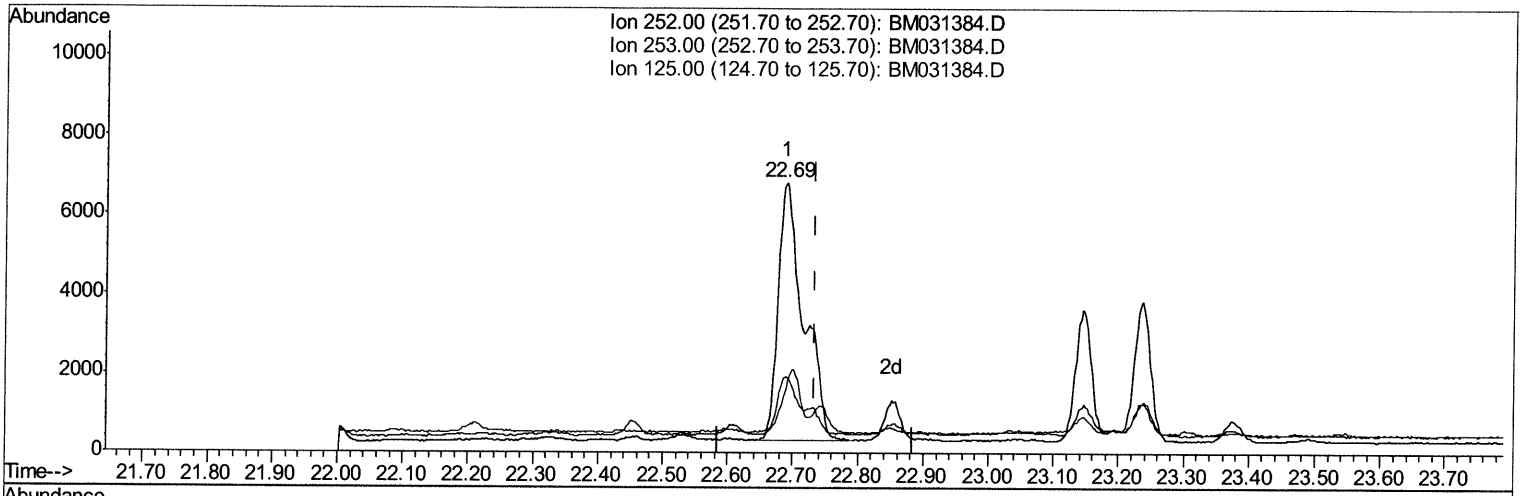
Quantitation Report (Qedit)

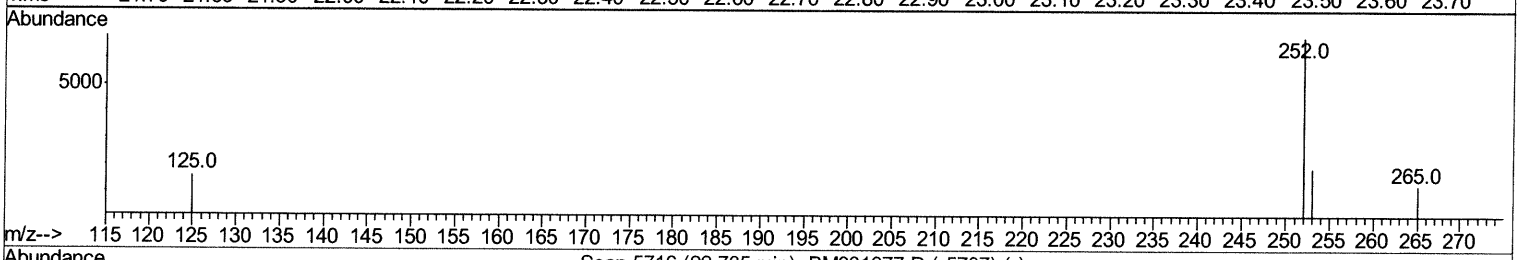
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031384.D
Acq On : 02 Aug 2021 20:24
Operator : CG/JU
Sample : M3123-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

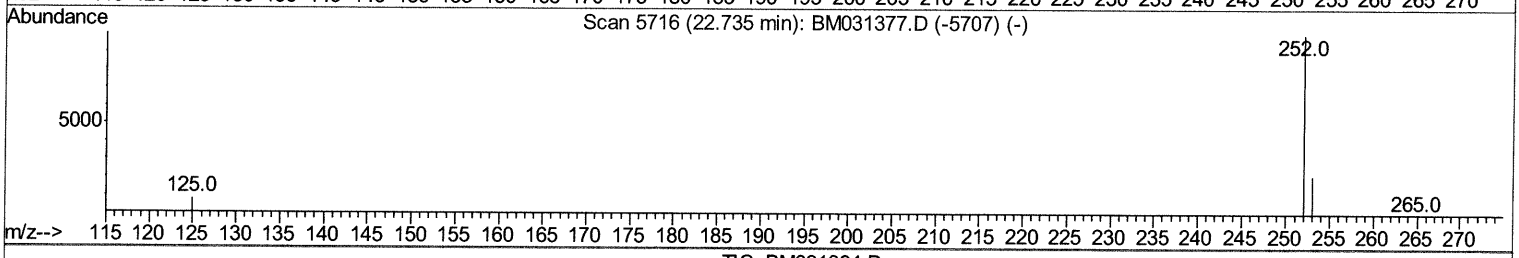
Quant Time: Aug 03 02:25:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 11:29:41 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0075

Manual Integrations APPROVED
mohammad
8/3/2021 11:50:48 AM







TIC: BM031384.D

(25) Benzo(k)fluoranthene

22.689min (-0.046) 0.86ng/ul

response 17622

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	28.04
125.00	11.00	23.54#
0.00	0.00	0.00

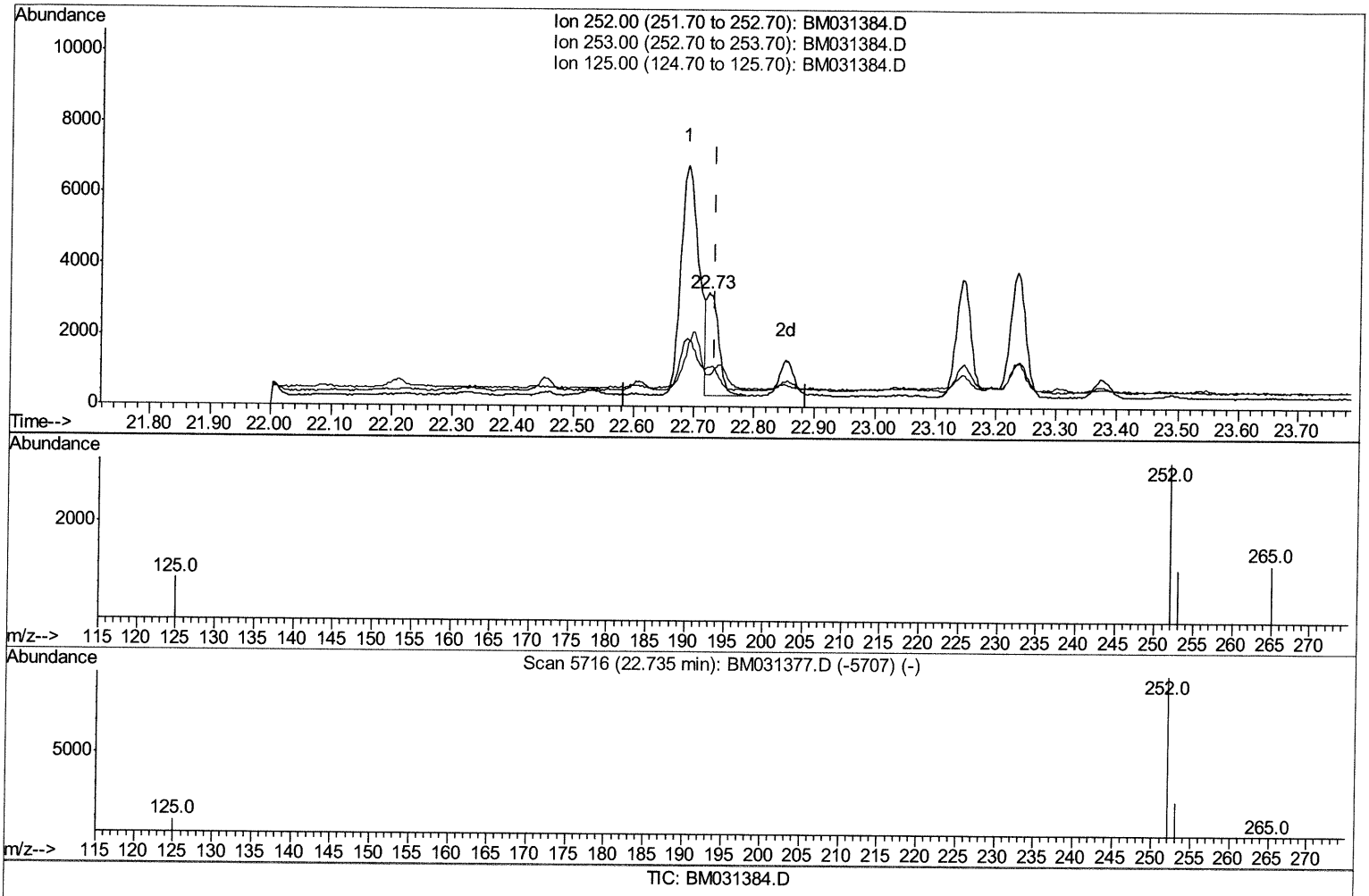
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031384.D
Acq On : 02 Aug 2021 20:24
Operator : CG/JU
Sample : M3123-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 03 02:25:01 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 : Mon Aug 02 11:29:41 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0075

Manual Integrations APPROVED
mohammad
8/3/2021 11:50:48 AM



TIC: BM031384.D

(25) Benzo(k)fluoranthene

22.725min (-0.010) 0.20ng/ul m 08/04/21 JU

response 4197

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	35.12#
125.00	11.00	28.21#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031384.D
Acq On : 02 Aug 2021 20:24
Operator : CG/JU
Sample : M3123-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0075

Manual Integrations APPROVED
mohammad
8/3/2021 11:50:48 AM

Quant Time: Aug 03 02:26:00 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 : Mon Aug 02 11:29:41 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	1458	0.40	ng/ul	0.00
4) Naphthalene-d8	10.36	136	5492	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.23	164	3416	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.98	188	6086	0.40	ng/ul	0.00
17) Chrysene-d12	21.17	240	4710	0.40	ng/ul	0.00
23) Perylene-d12	23.33	264	4418	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	2218	1.37	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.96	152	1368	0.15	ng/ul	0.00
18) Fluoranthene-d10	19.01	212	2684	0.17	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.41	128	6585	0.403	ng/ul	100
7) 2-Methylnaphthalene	12.03	142	13533	1.211	ng/ul	99
8) 1-Methylnaphthalene	12.25	142	7495	0.679	ng/ul	99
10) Acenaphthylene	13.95	152	1567	0.108	ng/ul#	89
11) Acenaphthene	14.32	153	645m >	0.053	ng/ul >	08/04/21 JU
12) Fluorene	15.29	166	730	0.052	ng/ul#	62
15) Phenanthrene	17.02	178	26390	1.366	ng/ul	98
16) Anthracene	17.11	178	1484	0.082	ng/ul#	85
19) Fluoranthene	19.04	202	17327	0.862	ng/ul#	96
20) Pyrene	19.40	202	15197	0.745	ng/ul	96
21) Benzo(a)anthracene	21.15	228	7446	0.391	ng/ul#	85
22) Chrysene	21.20	228	16191	0.823	ng/ul#	96
24) Benzo(b)fluoranthene	22.69	252	13613m >	0.684	ng/ul >	08/04/21 JU
25) Benzo(k)fluoranthene	22.73	252	4197m >	0.204	ng/ul >	08/04/21 JU
26) Benzo(a)pyrene	23.24	252	6226	0.357	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	25.47	276	5137	0.228	ng/ul#	82
28) Dibenzo(a,h)anthracene	25.48	278	1582	0.087	ng/ul#	39
29) Benzo(g,h,i)perylene	26.13	276	694	0.036	ng/ul#	37

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