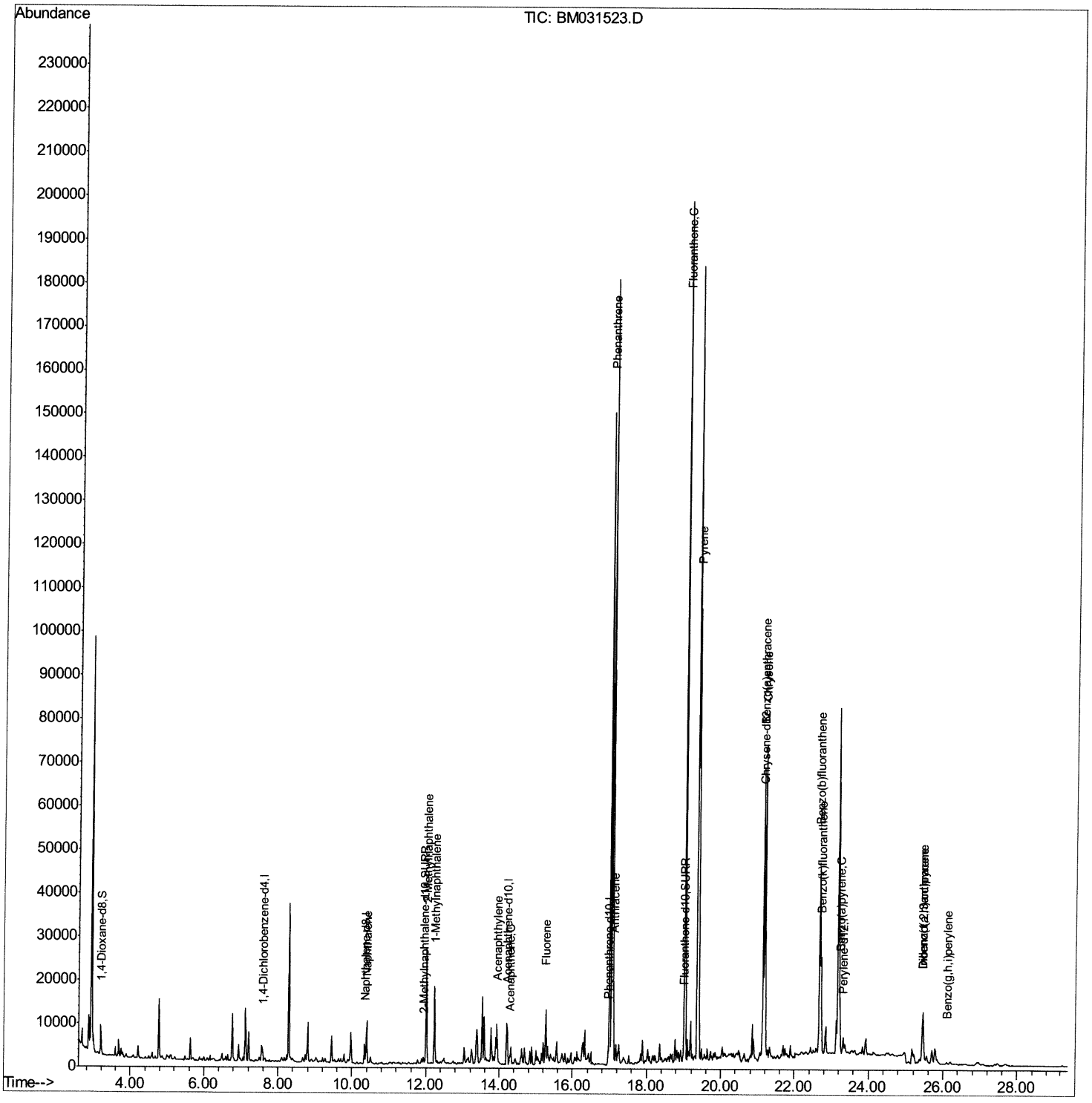
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031523.D
Acq On : 06 Aug 2021 19:42
Operator : CG/JU
Sample : M3124-03
Misc :
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Aug 09 06:04:05 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 : Sat Aug 07 03:01:15 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0086

Manual Integrations APPROVED
mohammad
8/9/2021 12:12:28 PM



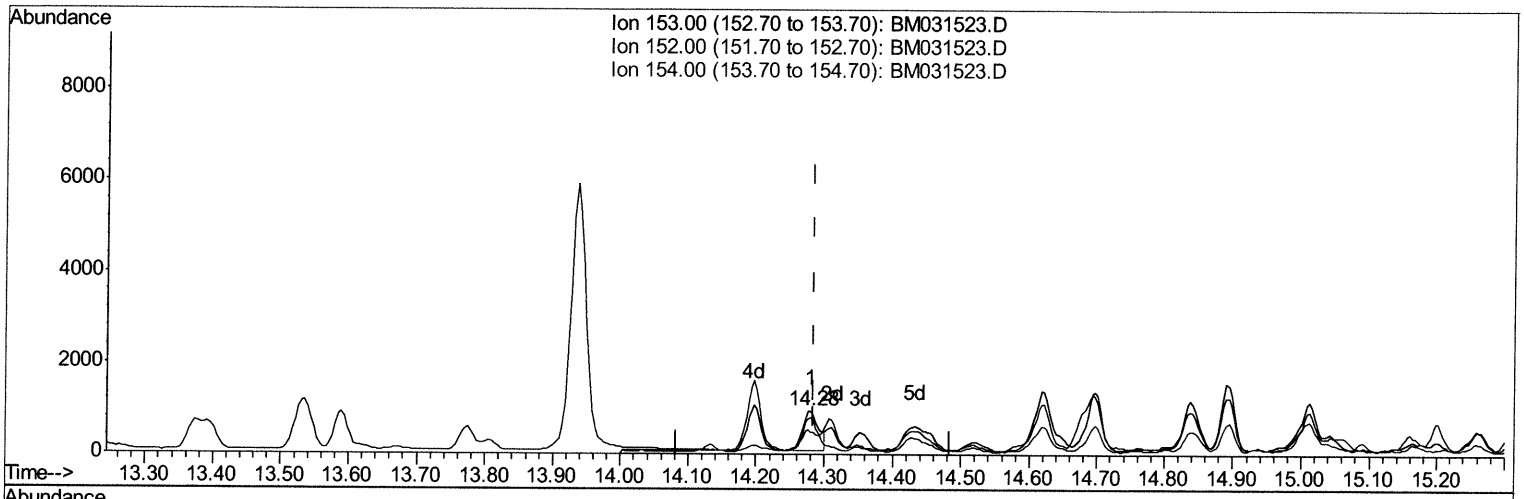
Quantitation Report (Qedit)

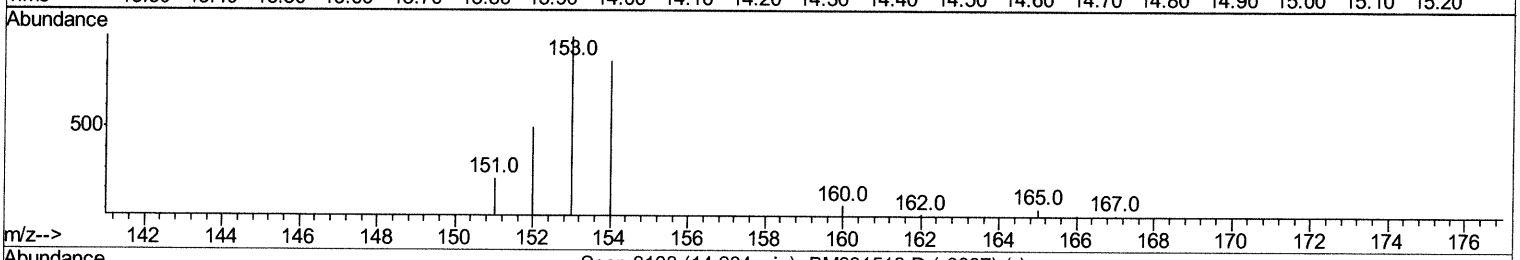
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031523.D
Acq On : 06 Aug 2021 19:42
Operator : CG/JU
Sample : M3124-03
Misc :
ALS Vial : 49 Sample Multiplier: 1

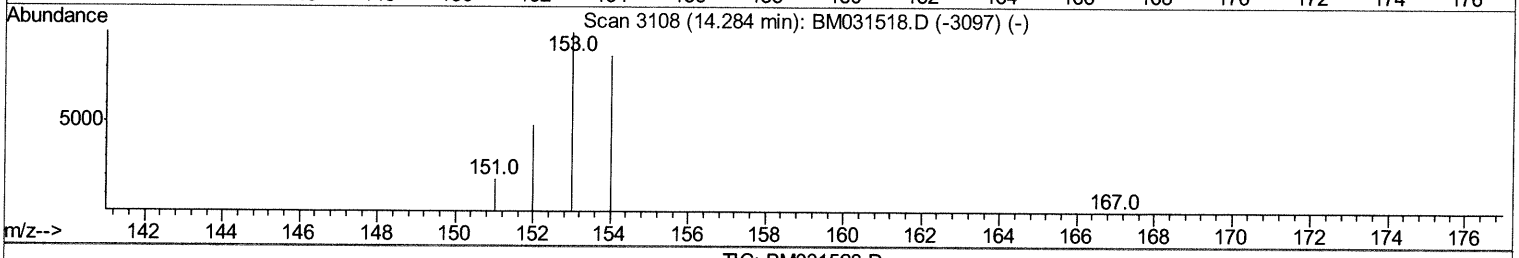
Quant Time: Aug 09 06:08:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 09 06:07:27 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0086

Manual Integrations APPROVED
mohammad
8/9/2021 12:12:28 PM







TIC: BM031523.D

(11) Acenaphthene (C)

14.281min (-0.003) 0.12ng/ul

response 1430

Ion	Exp%	Act%
153.00	100	100
152.00	50.90	52.92
154.00	87.70	87.17
0.00	0.00	0.00

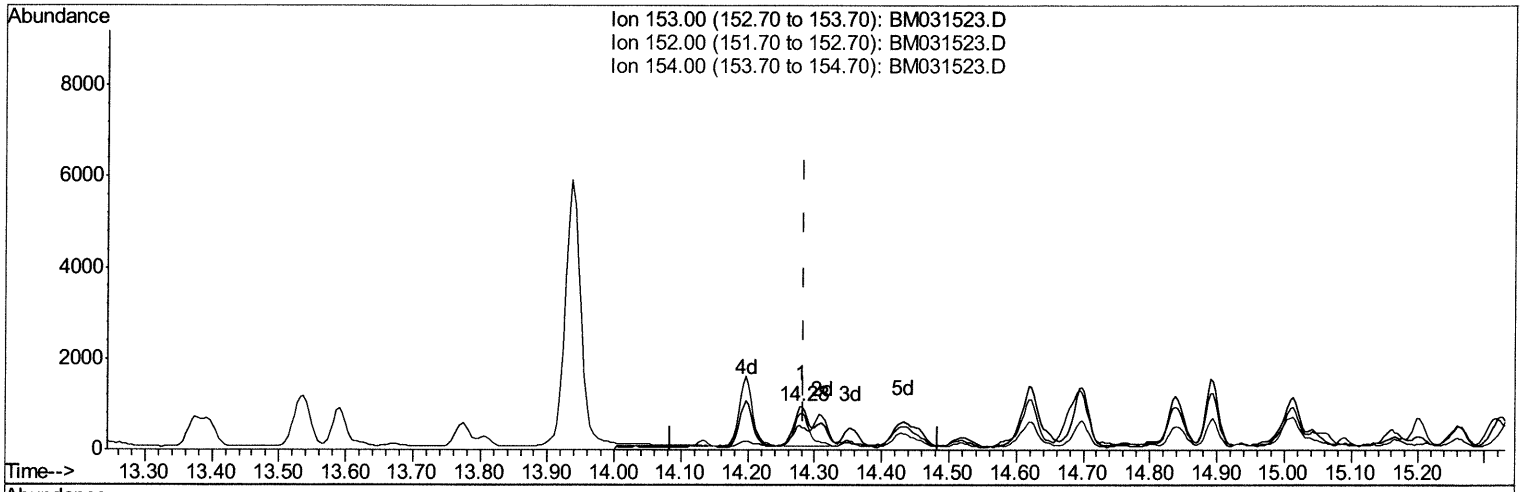
Quantitation Report (Qedit)

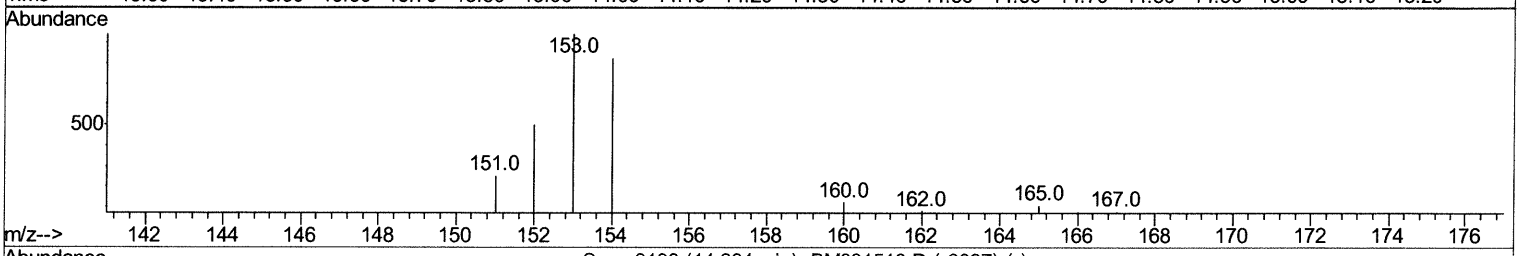
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031523.D
Acq On : 06 Aug 2021 19:42
Operator : CG/JU
Sample : M3124-03
Misc :
ALS Vial : 49 Sample Multiplier: 1

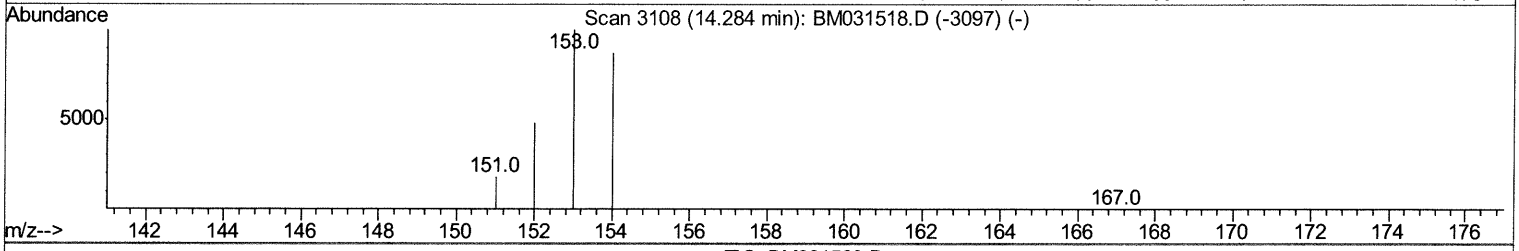
Quant Time: Aug 09 06:04:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 07 03:01:15 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0086

Manual Integrations APPROVED
mohammad
8/9/2021 12:12:28 PM







TIC: BM031523.D

(11) Acenaphthene (C)

14.281min (-0.003) 0.16ng/ul m

JG 8/11/21

response 2014

Ion	Exp%	Act%
153.00	100	100
152.00	50.90	52.92
154.00	87.70	87.17
0.00	0.00	0.00

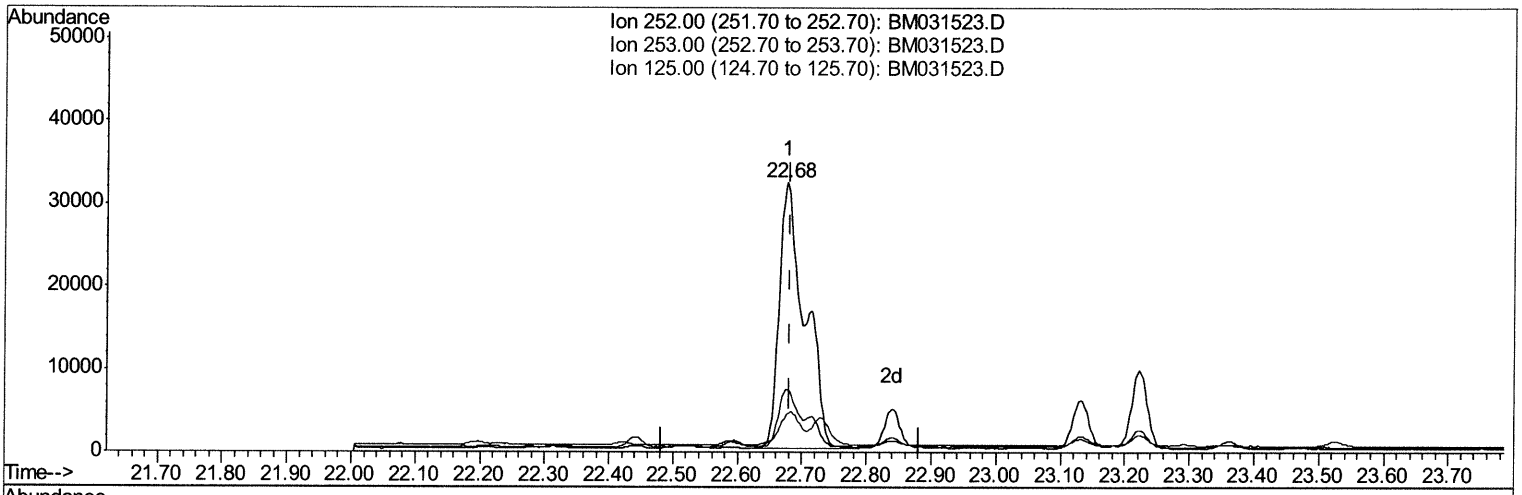
Quantitation Report (Qedit)

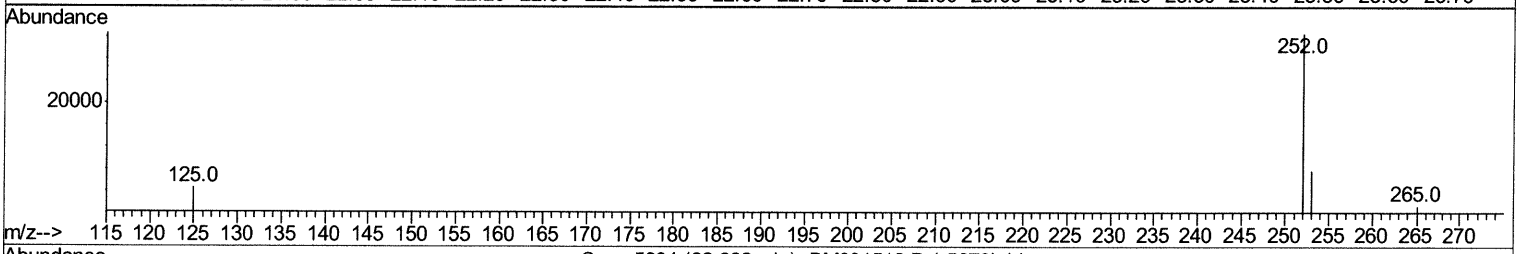
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031523.D
Acq On : 06 Aug 2021 19:42
Operator : CG/JU
Sample : M3124-03
Misc :
ALS Vial : 49 Sample Multiplier: 1

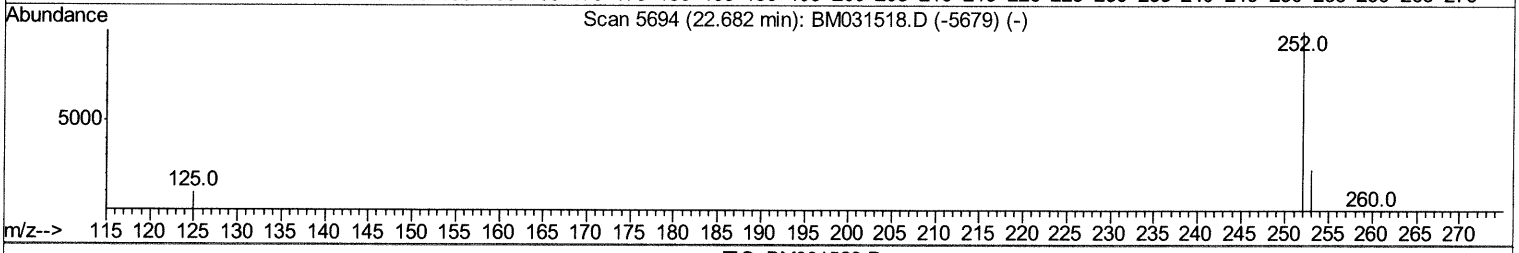
Quant Time: Aug 07 03:17:43 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 07 03:01:15 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0086

Manual Integrations APPROVED
mohammad
8/9/2021 12:12:28 PM







TIC: BM031523.D

(24) Benzo(b)fluoranthene

22.677min (-0.005) 4.32ng/ul

response 88273

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	23.42
125.00	11.40	14.00
0.00	0.00	0.00

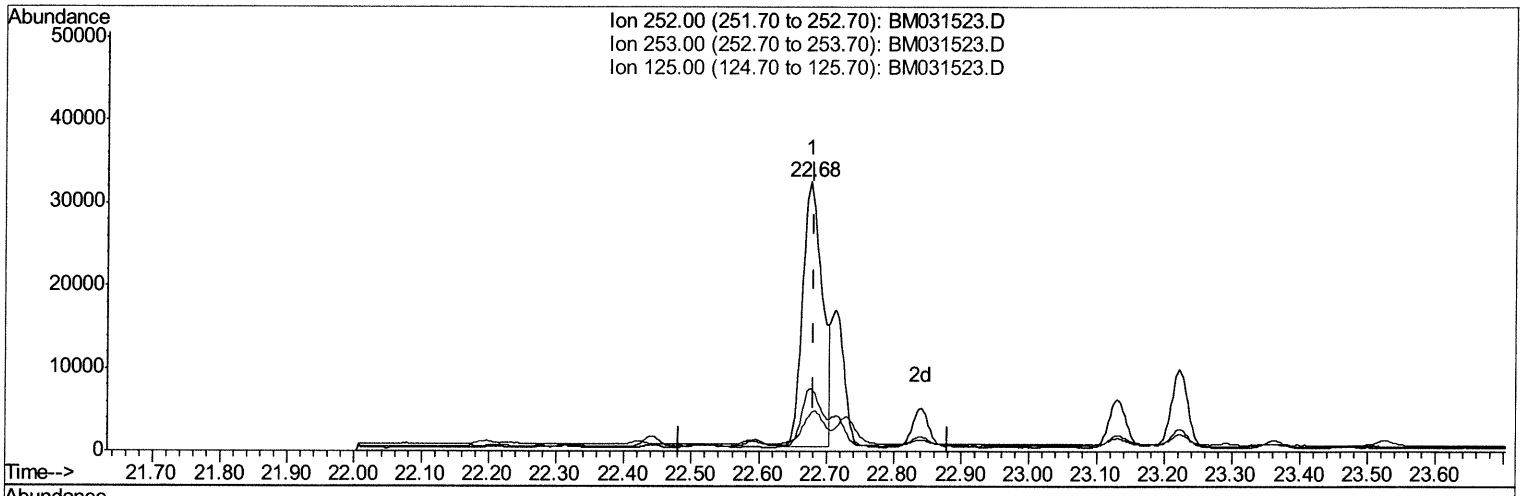
Quantitation Report (Qedit)

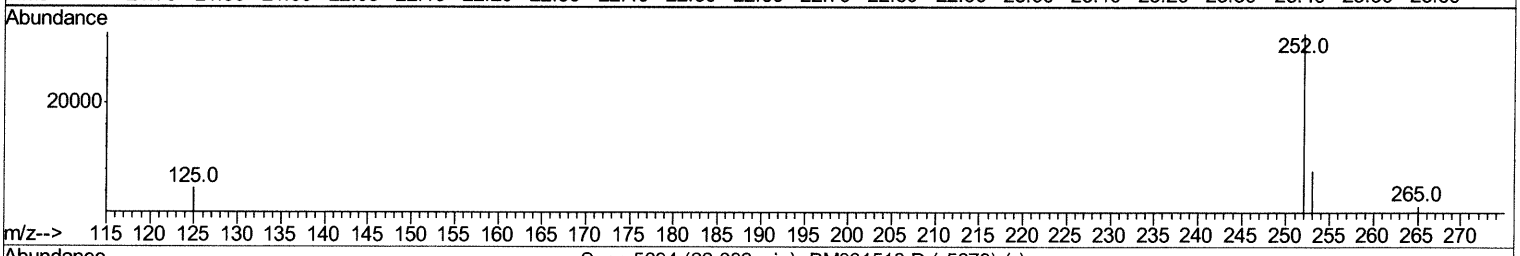
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031523.D
Acq On : 06 Aug 2021 19:42
Operator : CG/JU
Sample : M3124-03
Misc :
ALS Vial : 49 Sample Multiplier: 1

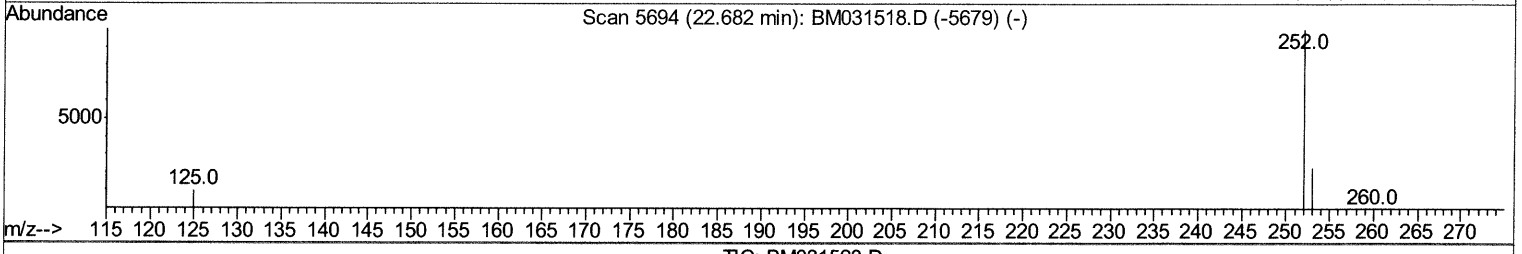
Quant Time: Aug 07 03:17:43 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 07 03:01:15 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0086

Manual Integrations APPROVED
mohammad
8/9/2021 12:12:28 PM







TIC: BM031523.D

(24) Benzo(b)fluoranthene

22.677min (-0.005) 3.18ng/ul m

response 64889

JU 8/11/21

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	23.42
125.00	11.40	14.00
0.00	0.00	0.00

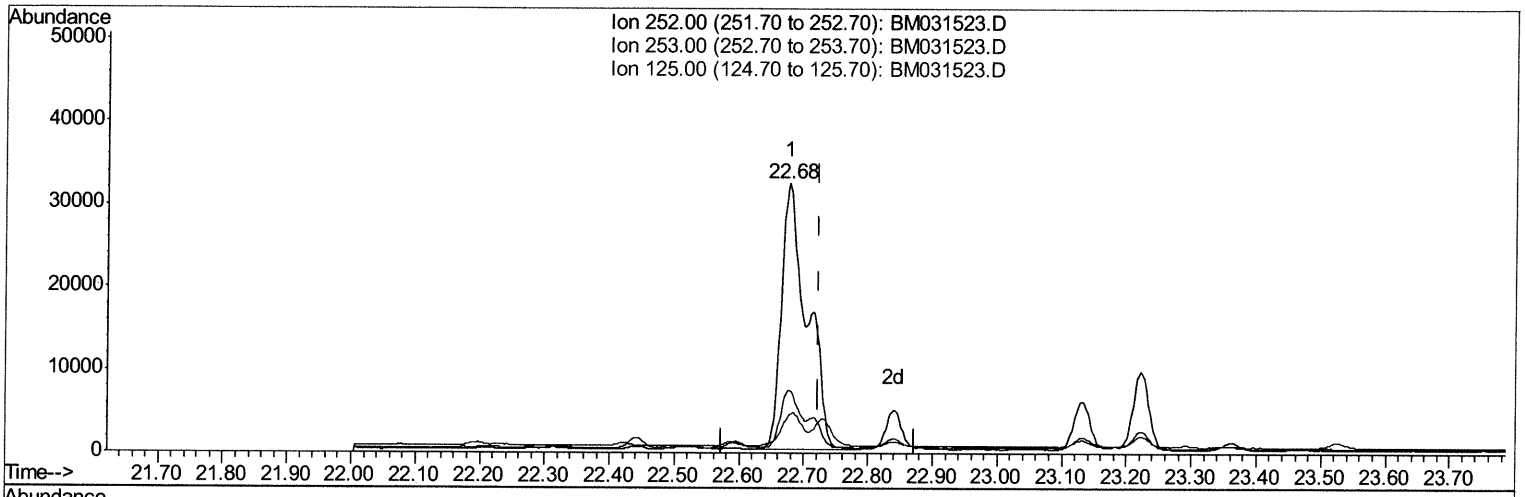
Quantitation Report (Qedit)

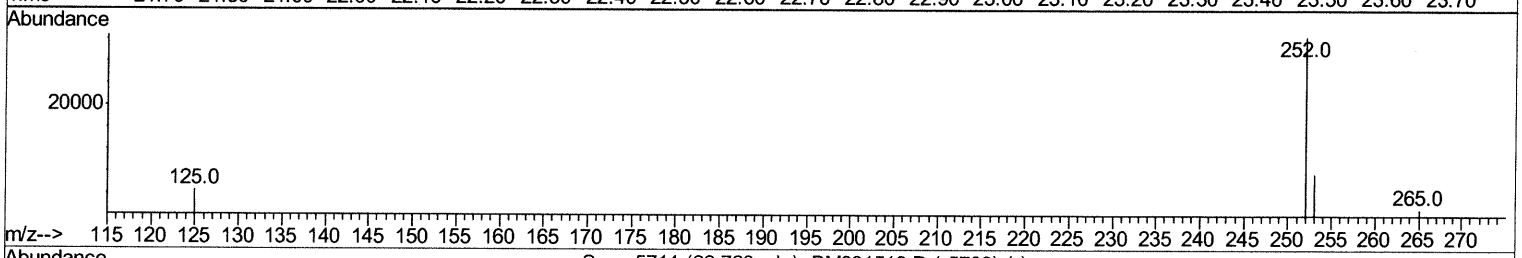
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031523.D
Acq On : 06 Aug 2021 19:42
Operator : CG/JU
Sample : M3124-03
Misc :
ALS Vial : 49 Sample Multiplier: 1

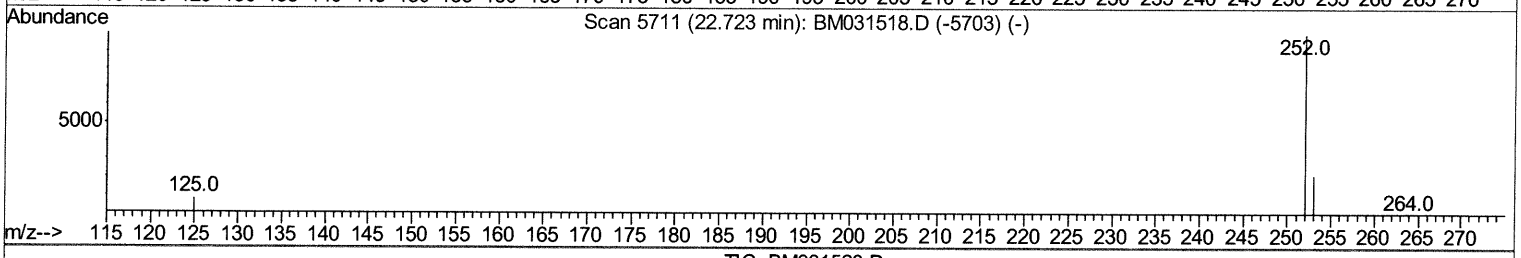
Quant Time: Aug 07 03:17:43 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 07 03:01:15 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0086

Manual Integrations APPROVED
mohammad
8/9/2021 12:12:28 PM







TIC: BM031523.D

(25) Benzo(k)fluoranthene

22.677min (-0.046) 4.18ng/ul

response 88273

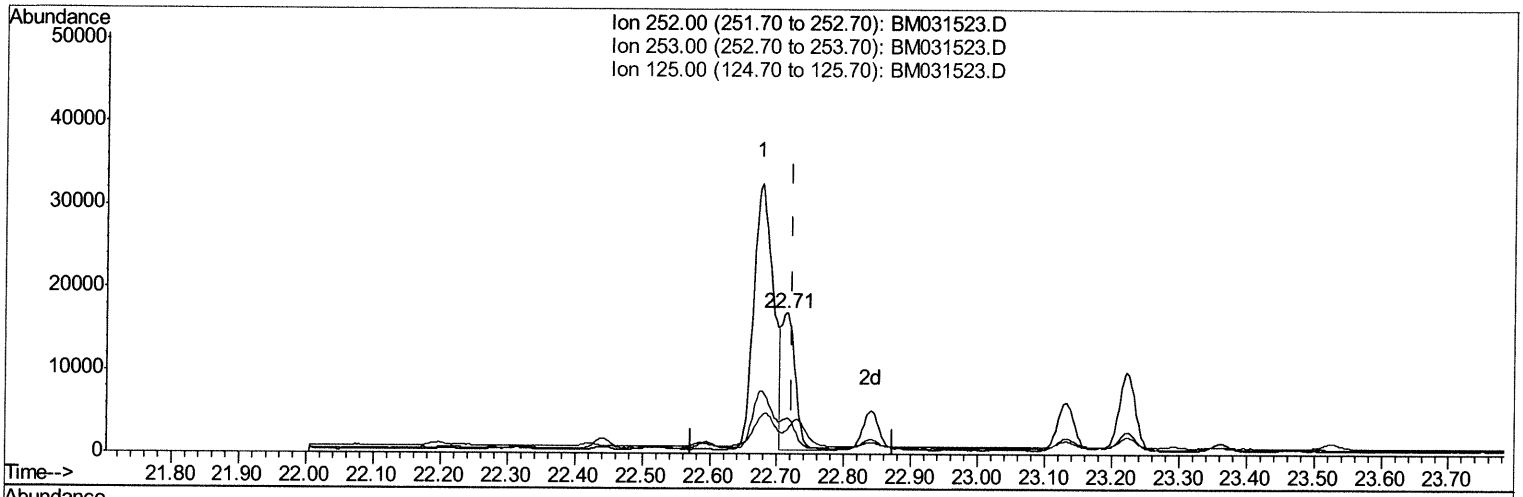
Ion	Exp%	Act%
252.00	100	100
253.00	26.60	23.42
125.00	11.00	14.00#
0.00	0.00	0.00

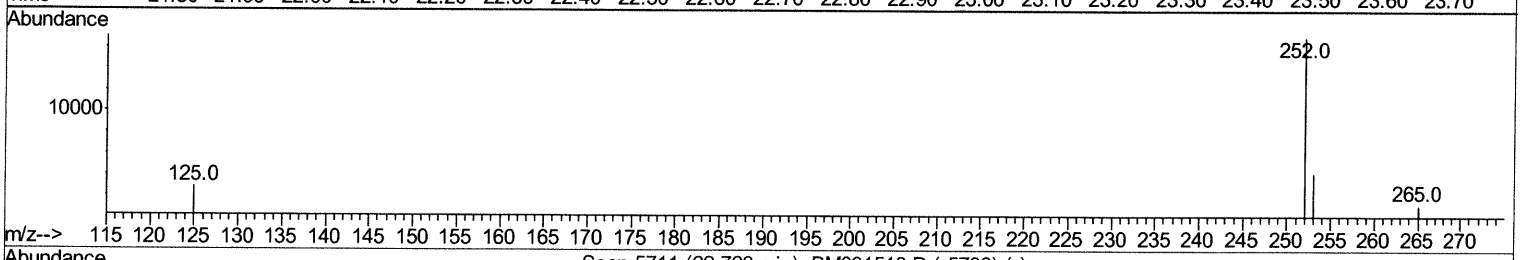
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031523.D
Acq On : 06 Aug 2021 19:42
Operator : CG/JU
Sample : M3124-03
Misc :
ALS Vial : 49 Sample Multiplier: 1

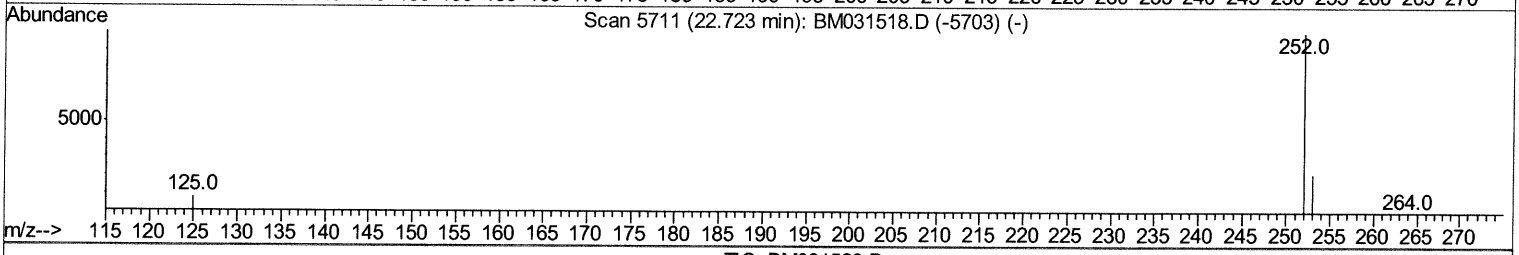
Quant Time: Aug 07 03:17:43 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 07 03:01:15 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0086

Manual Integrations APPROVED
mohammad
8/9/2021 12:12:28 PM







TIC: BM031523.D

(25) Benzo(k)fluoranthene

22.713min (-0.009) 1.09ng/ul m JV 8/11/21

response 22946

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	25.02
125.00	11.00	16.58#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031523.D
Acq On : 06 Aug 2021 19:42
Operator : CG/JU
Sample : M3124-03
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0086

Manual Integrations APPROVED
mohammad
8/9/2021 12:12:28 PM

Quant Time: Aug 09 06:04:05 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 : Sat Aug 07 03:01:15 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	1457	0.40	ng/ul	0.00
4) Naphthalene-d8	10.35	136	5421	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.22	164	3417	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.97	188	5952	0.40	ng/ul	0.00
17) Chrysene-d12	21.16	240	4708	0.40	ng/ul	0.00
23) Perylene-d12	23.31	264	4534	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	4173	2.58	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.94	152	1919	0.21	ng/ul	0.00
18) Fluoranthene-d10	19.00	212	3631	0.23	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.39	128	9527	0.590	ng/ul	99
7) 2-Methylnaphthalene	12.02	142	18943	1.717	ng/ul	100
8) 1-Methylnaphthalene	12.24	142	11948	1.096	ng/ul	100
10) Acenaphthylene	13.94	152	8920	0.613	ng/ul	99
11) Acenaphthene	14.28	153	2014m	0.164	ng/ul	99
12) Fluorene	15.27	166	6629	0.470	ng/ul#	89
15) Phenanthrene	17.01	178	153240	8.108	ng/ul	97
16) Anthracene	17.10	178	19661	1.111	ng/ul	99
19) Fluoranthene	19.03	202	167766	8.345	ng/ul	96
20) Pyrene	19.39	202	85977	4.217	ng/ul	97
21) Benzo(a)anthracene	21.14	228	56386	2.966	ng/ul	95
22) Chrysene	21.20	228	70126	3.565	ng/ul	97
24) Benzo(b)fluoranthene	22.68	252	64889m	3.176	ng/ul	96
25) Benzo(k)fluoranthene	22.71	252	22946m	1.087	ng/ul	96
26) Benzo(a)pyrene	23.22	252	16460	0.920	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	25.45	276	15967	0.690	ng/ul#	88
28) Dibenzo(a,h)anthracene	25.46	278	7873	0.422	ng/ul#	81
29) Benzo(g,h,i)perylene	26.11	276	798	0.040	ng/ul#	30

JU 8/11/21

JU 8/11/21

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