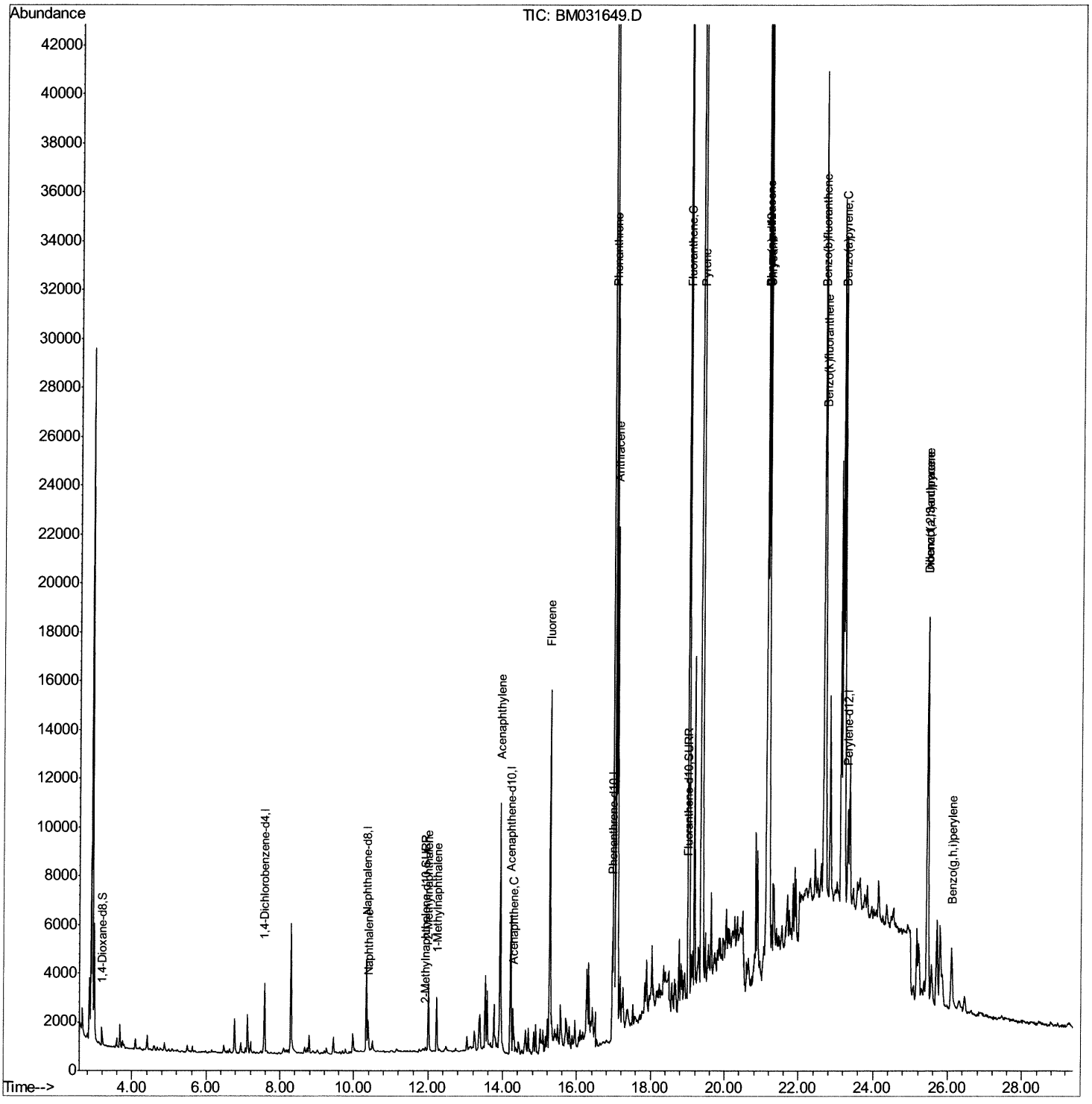
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
Data File : BM031649.D
Acq On : 10 Aug 2021 19:54
Operator : CG/JU
Sample : M3169-21DL 5X
Misc :
ALS Vial : 57 Sample Multiplier: 1

Quant Time: Aug 11 06:29:25 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 10 18:36:58 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00C0DL

Manual Integrations APPROVED
mohammad
8/11/2021 9:25:36 PM



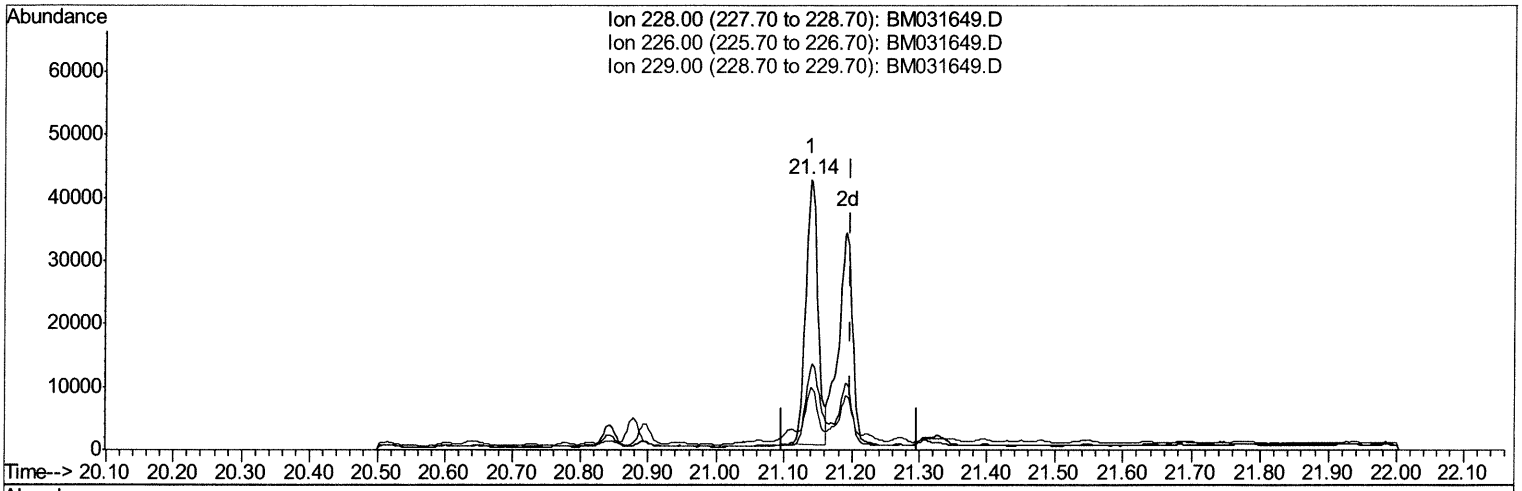
Quantitation Report (Qedit)

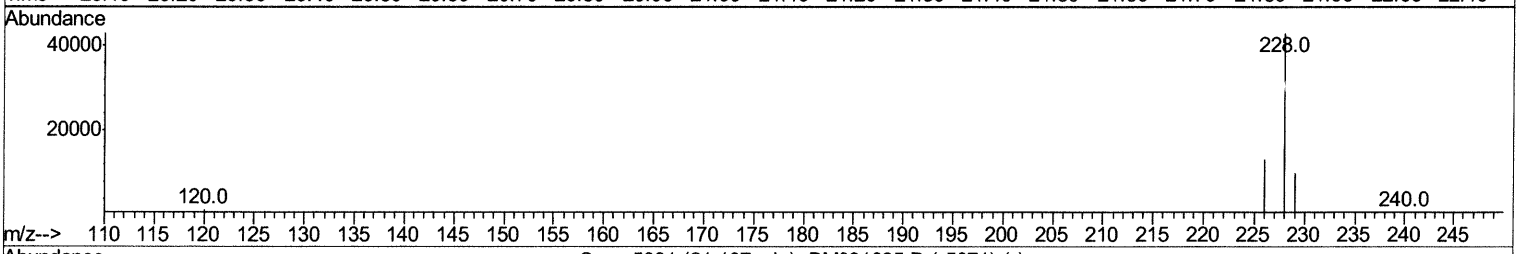
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
Data File : BM031649.D
Acq On : 10 Aug 2021 19:54
Operator : CG/JU
Sample : M3169-21DL 5X
Misc :
ALS Vial : 57 Sample Multiplier: 1

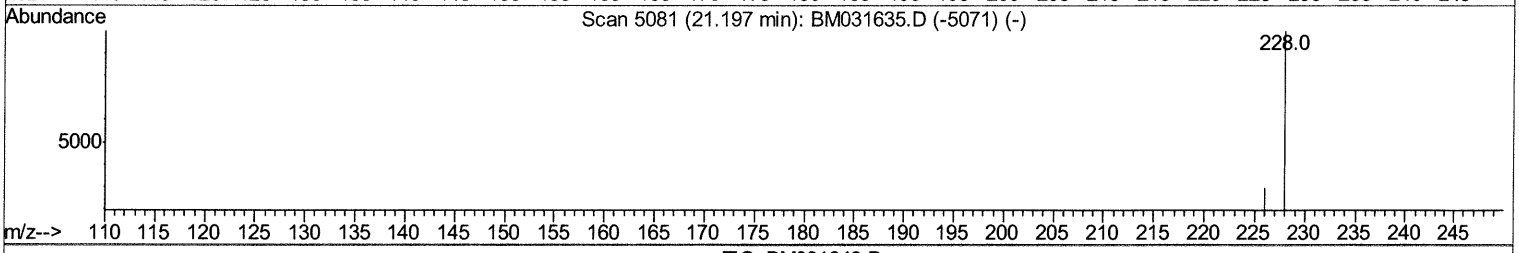
Quant Time: Aug 11 06:26:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 10 18:36:58 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00C0DL

Manual Integrations APPROVED
mohammad
8/11/2021 9:25:36 PM







TIC: BM031649.D

(22) Chrysene

21.139min (-0.058) 2.60ng/ul

response 51632

Ion	Exp%	Act%
228.00	100	100
226.00	30.90	30.60
229.00	20.20	22.99
0.00	0.00	0.00

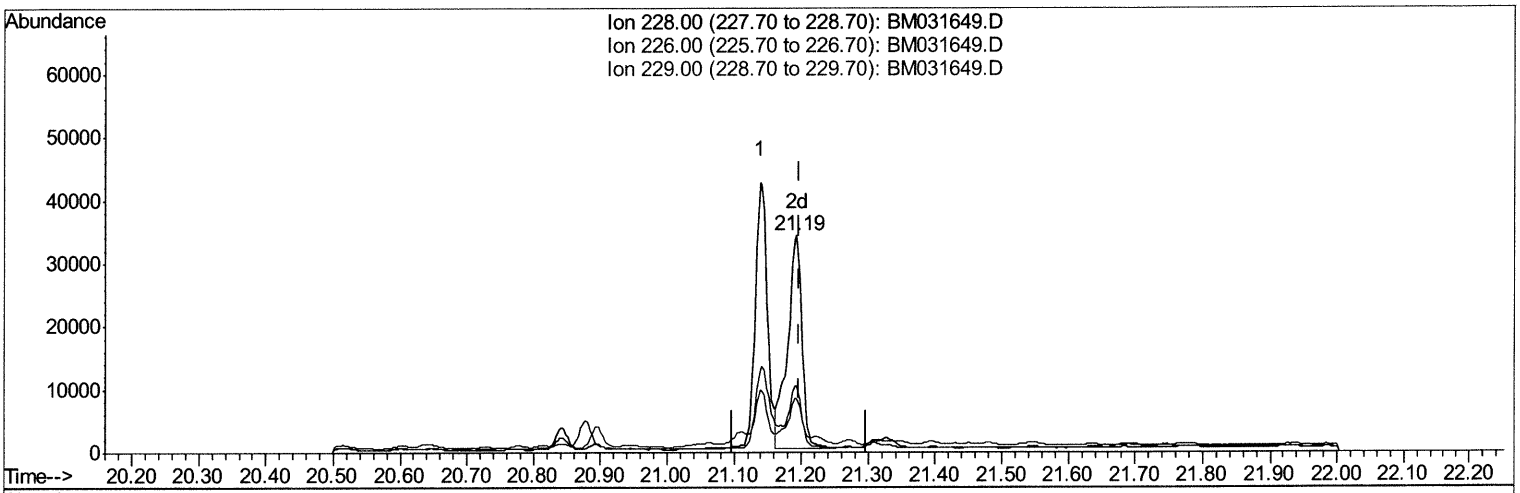
Quantitation Report (Qedit)

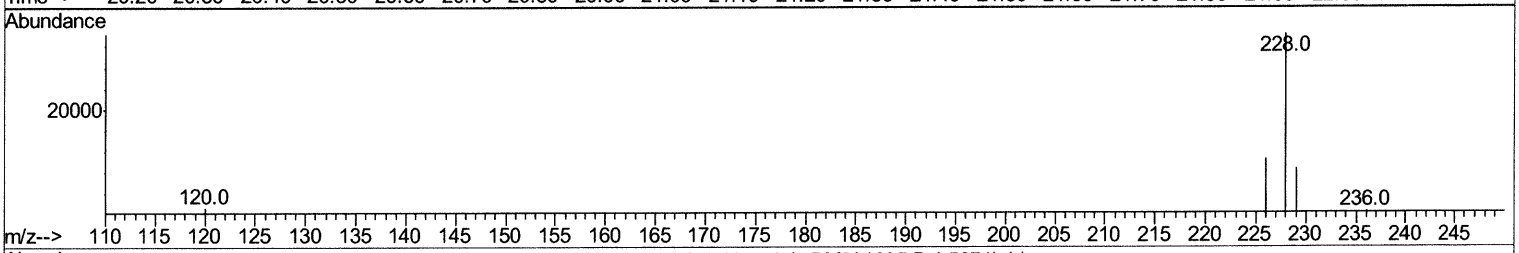
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
Data File : BM031649.D
Acq On : 10 Aug 2021 19:54
Operator : CG/JU
Sample : M3169-21DL 5X
Misc :
ALS Vial : 57 Sample Multiplier: 1

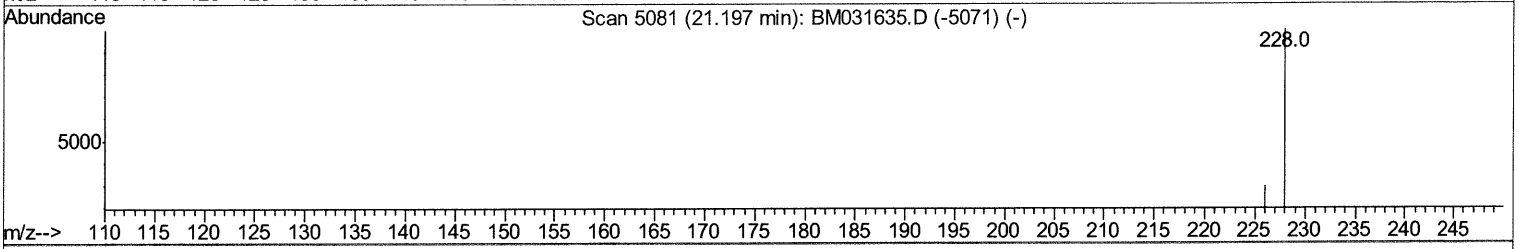
Quant Time: Aug 11 06:26:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 10 18:36:58 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00C0DL

Manual Integrations APPROVED
mohammad
8/11/2021 9:25:36 PM







TIC: BM031649.D

(22) Chrysene

21.192min (-0.005) 2.55ng/ul m

response 50688

JU 8/12/21

Ion	Exp%	Act%
228.00	100	100
226.00	30.90	30.83
229.00	20.20	25.17#
0.00	0.00	0.00

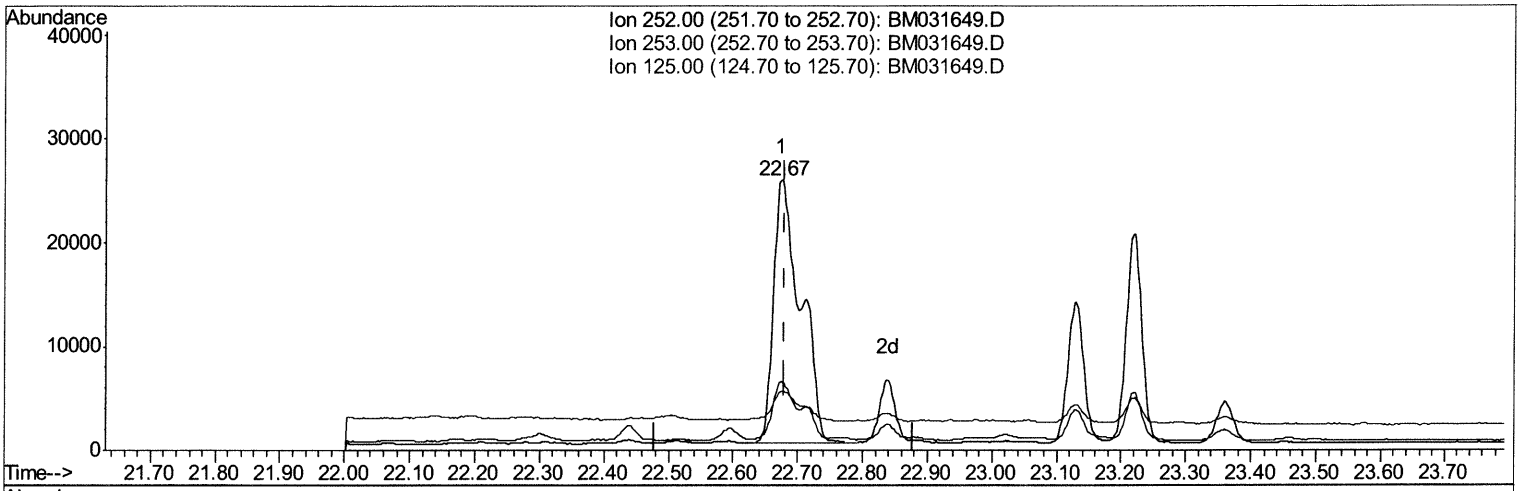
Quantitation Report (Qedit)

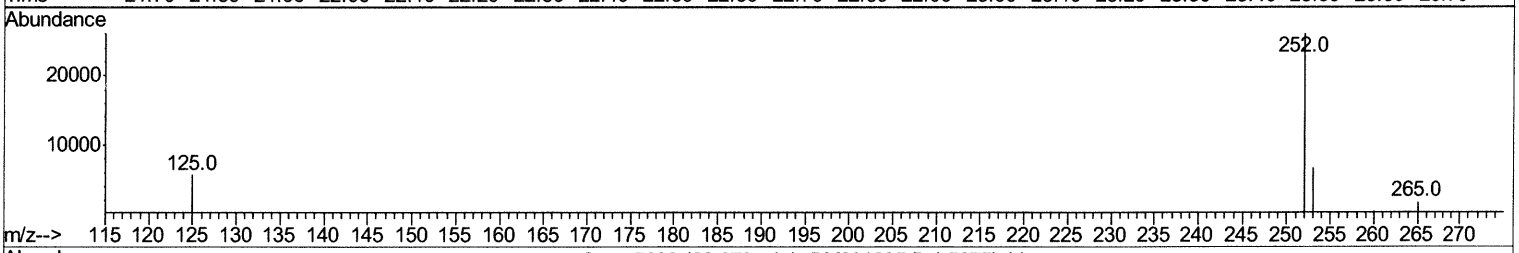
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
Data File : BM031649.D
Acq On : 10 Aug 2021 19:54
Operator : CG/JU
Sample : M3169-21DL 5X
Misc :
ALS Vial : 57 Sample Multiplier: 1

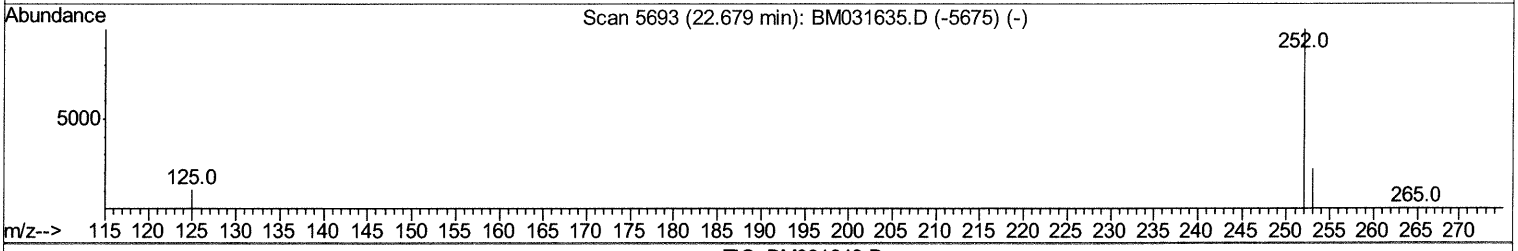
Quant Time: Aug 11 06:27:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 10 18:36:58 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00C0DL

Manual Integrations APPROVED
mohammad
8/11/2021 9:25:36 PM







TIC: BM031649.D

(24) Benzo(b)fluoranthene

22.674min (-0.005) 3.39ng/ul

response 73571

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	25.69
125.00	11.40	21.97
0.00	0.00	0.00

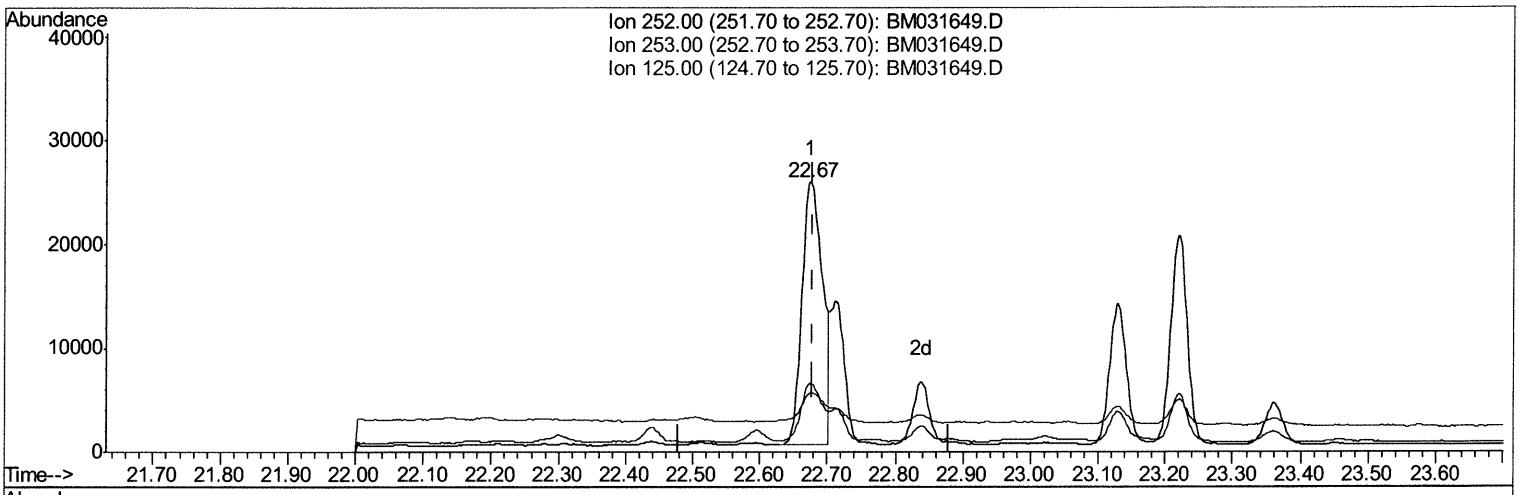
Quantitation Report (Qedit)

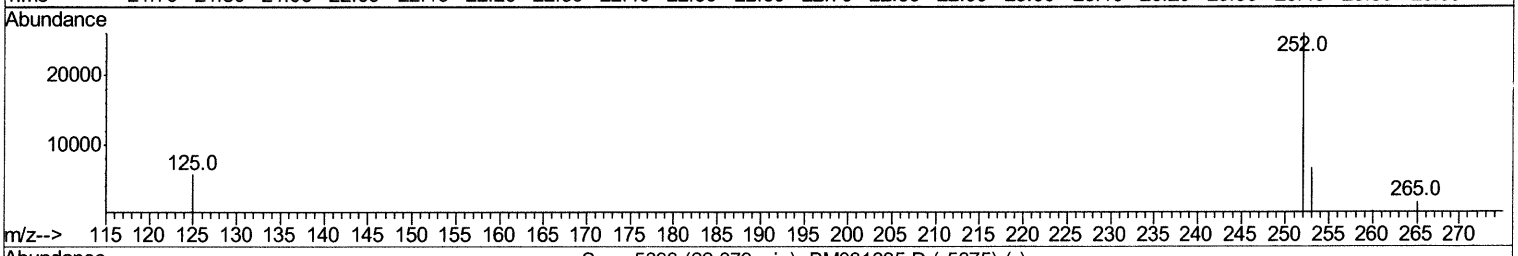
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
Data File : BM031649.D
Acq On : 10 Aug 2021 19:54
Operator : CG/JU
Sample : M3169-21DL 5X
Misc :
ALS Vial : 57 Sample Multiplier: 1

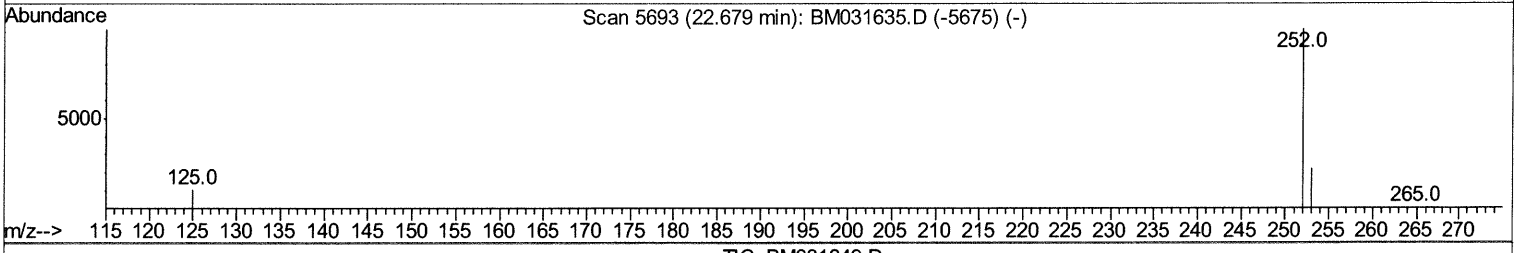
Quant Time: Aug 11 06:27:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 10 18:36:58 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00C0DL

Manual Integrations APPROVED
mohammad
8/11/2021 9:25:36 PM







TIC: BM031649.D

(24) Benzo(b)fluoranthene

22.674min (-0.005) 2.44ng/ul m

response 53029

JE 8/12/21

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	25.69
125.00	11.40	21.97
0.00	0.00	0.00

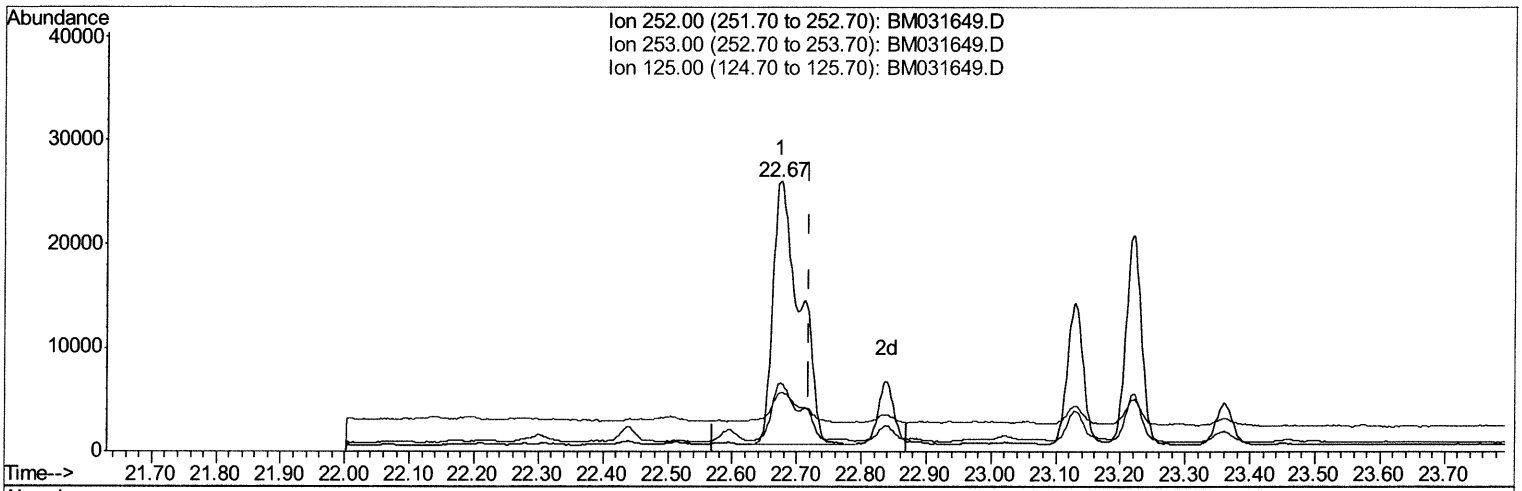
Quantitation Report (Qedit)

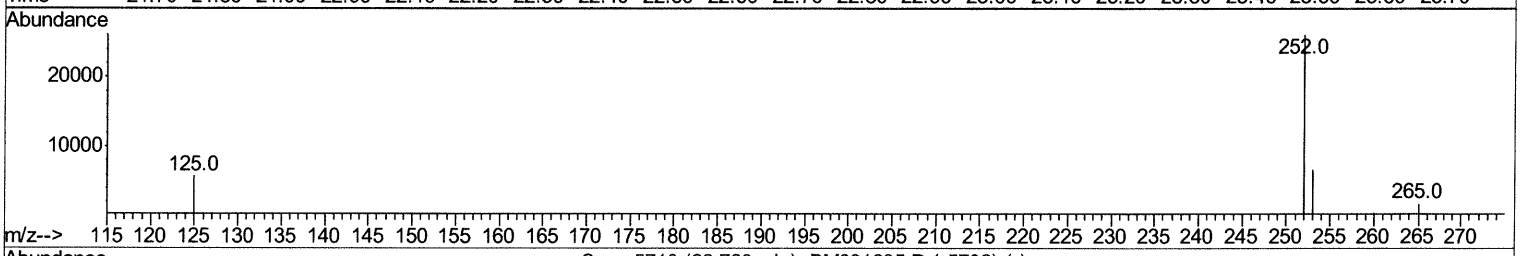
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
Data File : BM031649.D
Acq On : 10 Aug 2021 19:54
Operator : CG/JU
Sample : M3169-21DL 5X
Misc :
ALS Vial : 57 Sample Multiplier: 1

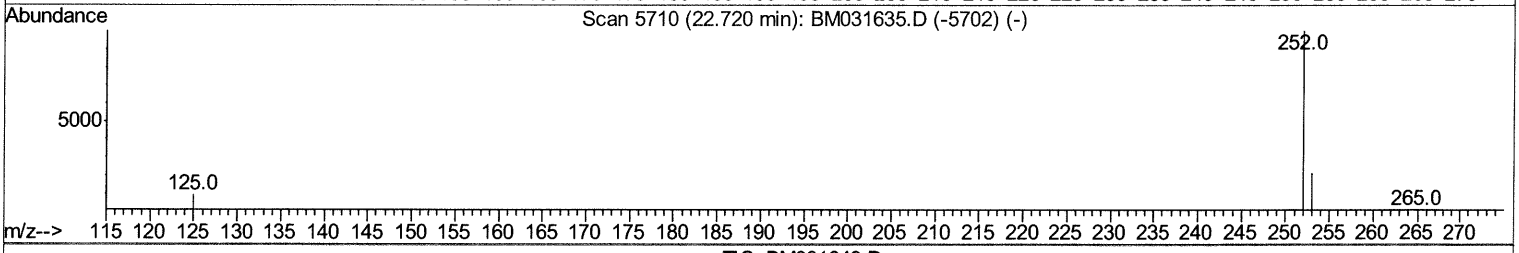
Quant Time: Aug 11 06:28:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 10 18:36:58 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00C0DL

Manual Integrations APPROVED
mohammad
8/11/2021 9:25:36 PM







TIC: BM031649.D

(25) Benzo(k)fluoranthene

22.674min (-0.046) 3.28ng/ul

response 73571

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	25.69
125.00	11.00	21.97#
0.00	0.00	0.00

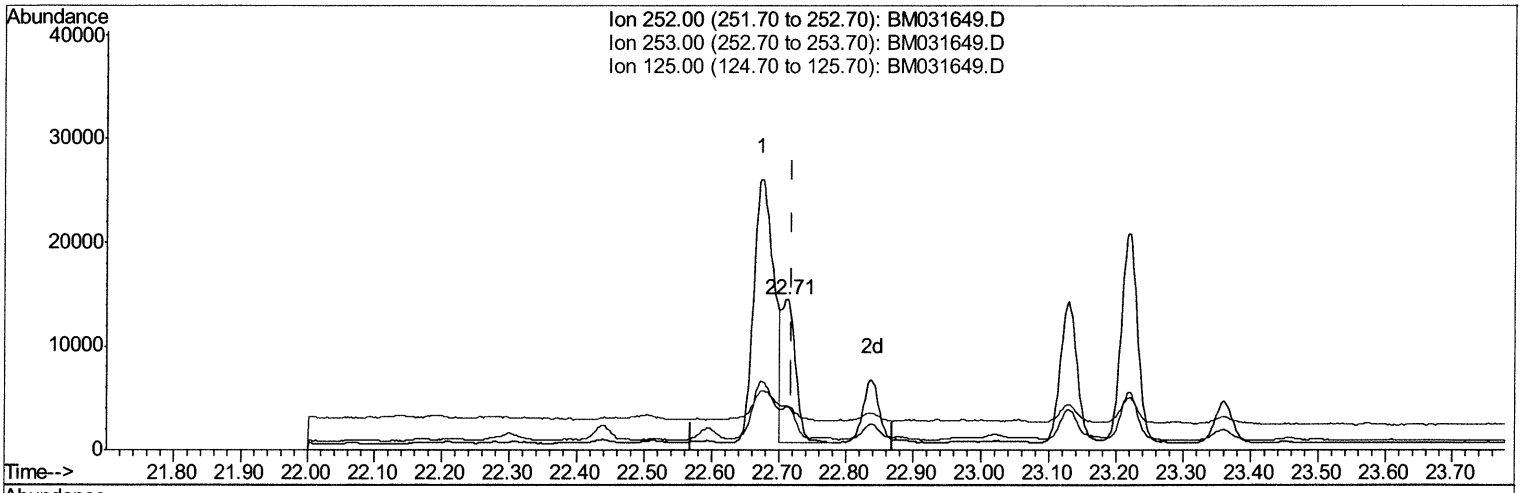
Quantitation Report (Qedit)

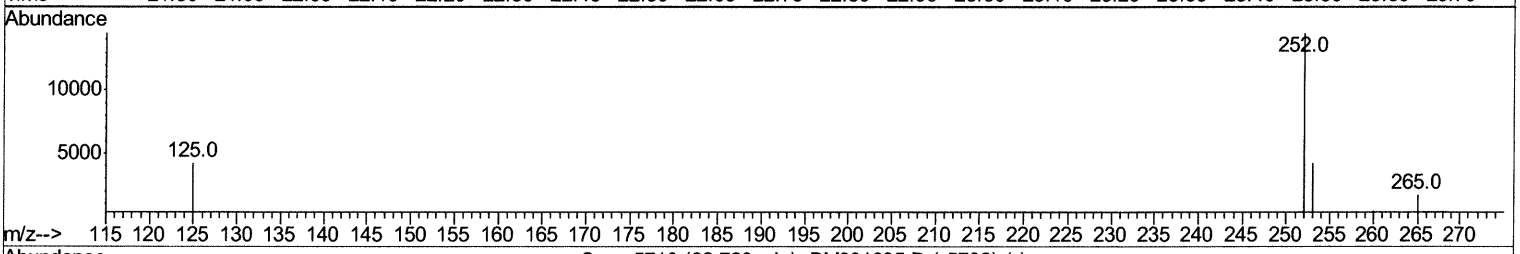
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
Data File : BM031649.D
Acq On : 10 Aug 2021 19:54
Operator : CG/JU
Sample : M3169-21DL 5X
Misc :
ALS Vial : 57 Sample Multiplier: 1

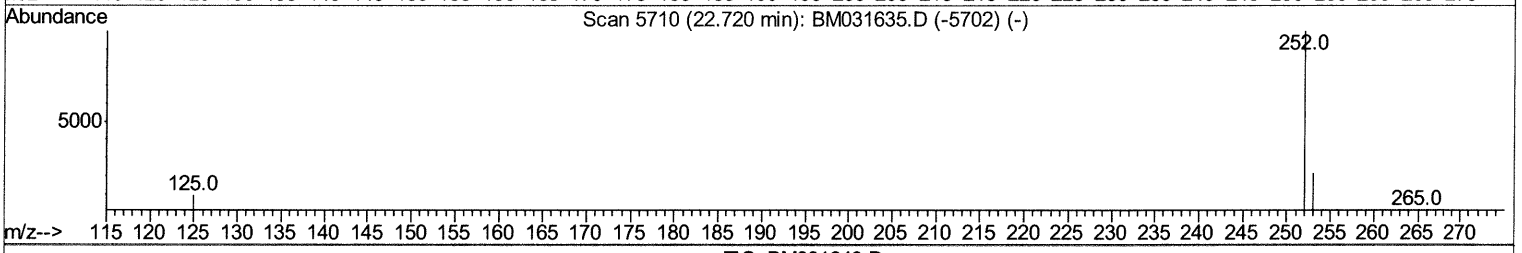
Quant Time: Aug 11 06:28:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 10 18:36:58 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00C0DL

Manual Integrations APPROVED
mohammad
8/11/2021 9:25:36 PM







TIC: BM031649.D

(25) Benzo(k)fluoranthene

22.713min (-0.007) 0.92ng/ul m

response 20743

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	28.88
125.00	11.00	29.11#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
Data File : BM031649.D
Acq On : 10 Aug 2021 19:54
Operator : CG/JU
Sample : M3169-21DL 5X
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C00C0DL

Manual Integrations APPROVED
mohammad
8/11/2021 9:25:36 PM

Quant Time: Aug 11 06:29:25 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 10 18:36:58 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1404	0.40	ng/ul	0.00
4) Naphthalene-d8	10.34	136	5271	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.21	164	3031	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.96	188	5839	0.40	ng/ul	0.00
17) Chrysene-d12	21.16	240	4760	0.40	ng/ul	0.00
23) Perylene-d12	23.31	264	4819	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	511	0.33	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.93	152	238	0.03	ng/ul	0.00
18) Fluoranthene-d10	18.99	212	582	0.04	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.39	128	1813	0.115	ng/ul#	90
7) 2-Methylnaphthalene	12.01	142	2118	0.197	ng/ul	99
8) 1-Methylnaphthalene	12.23	142	1613	0.152	ng/ul	98
10) Acenaphthylene	13.93	152	12026	0.932	ng/ul	99
11) Acenaphthene	14.27	153	1226	0.113	ng/ul	95
12) Fluorene	15.27	166	9225	0.738	ng/ul#	97
15) Phenanthrene	17.00	178	103753	5.596	ng/ul	97
16) Anthracene	17.09	178	20236	1.166	ng/ul	99
19) Fluoranthene	19.02	202	136042	6.693	ng/ul	96
20) Pyrene	19.39	202	100175	4.859	ng/ul	96
21) Benzo(a)anthracene	21.14	228	51812	2.696	ng/ul	93
22) Chrysene	21.19	228	50688m	2.549	ng/ul	
24) Benzo(b)fluoranthene	22.67	252	53029m	2.442	ng/ul	
25) Benzo(k)fluoranthene	22.71	252	20743m	0.925	ng/ul	
26) Benzo(a)pyrene	23.22	252	34805	1.830	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.45	276	23104	0.940	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.45	278	6881	0.347	ng/ul#	56
29) Benzo(g,h,i)perylene	26.10	276	5341	0.255	ng/ul#	67

JU 8/12/21

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