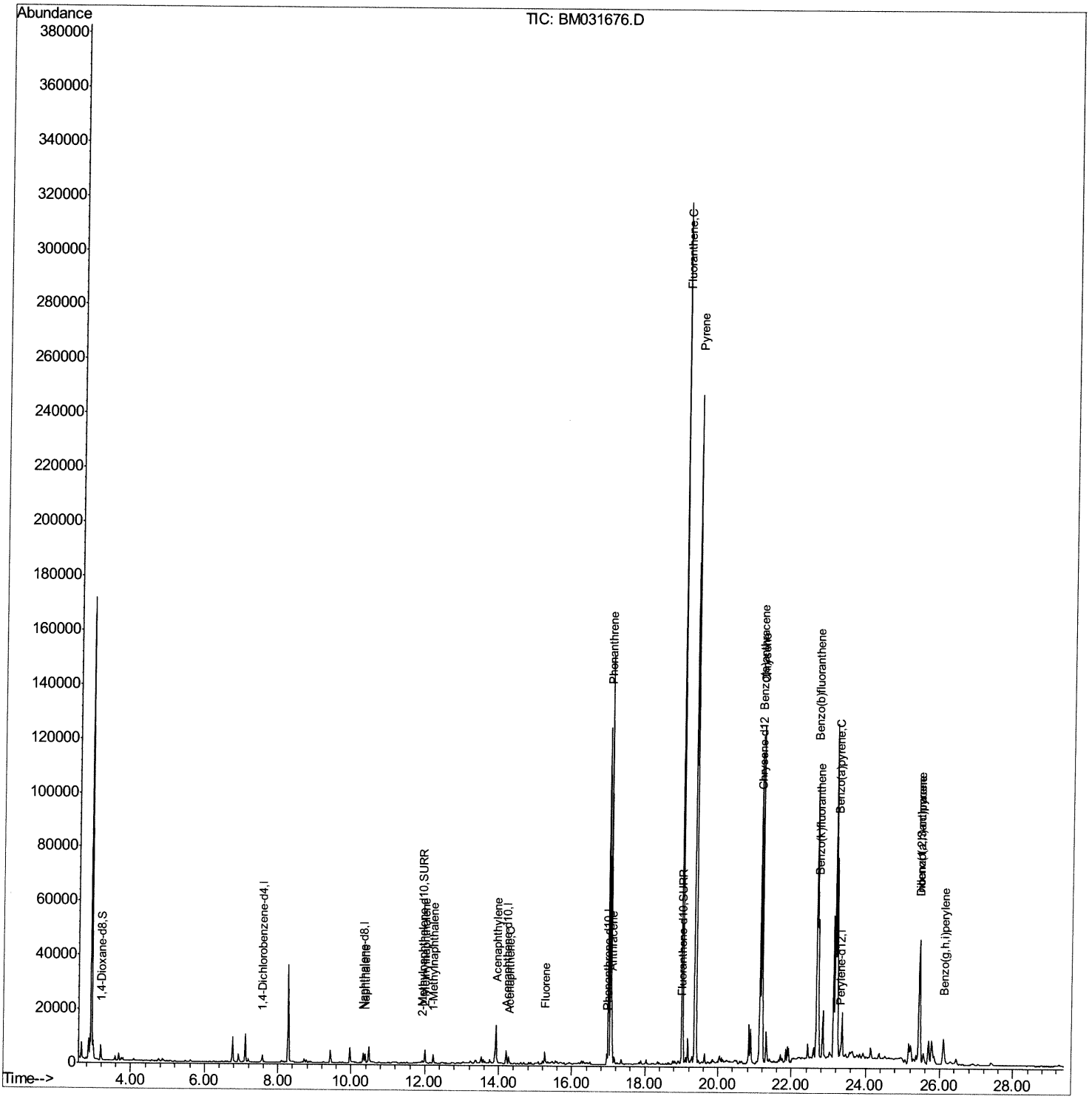
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031676.D
Acq On : 12 Aug 2021 14:23
Operator : CG/JU
Sample : M3182-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 12 14:54:16 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 : Thu Aug 12 11:28:10 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00D7

Manual Integrations APPROVED
mohammad
8/13/2021 5:13:55 PM



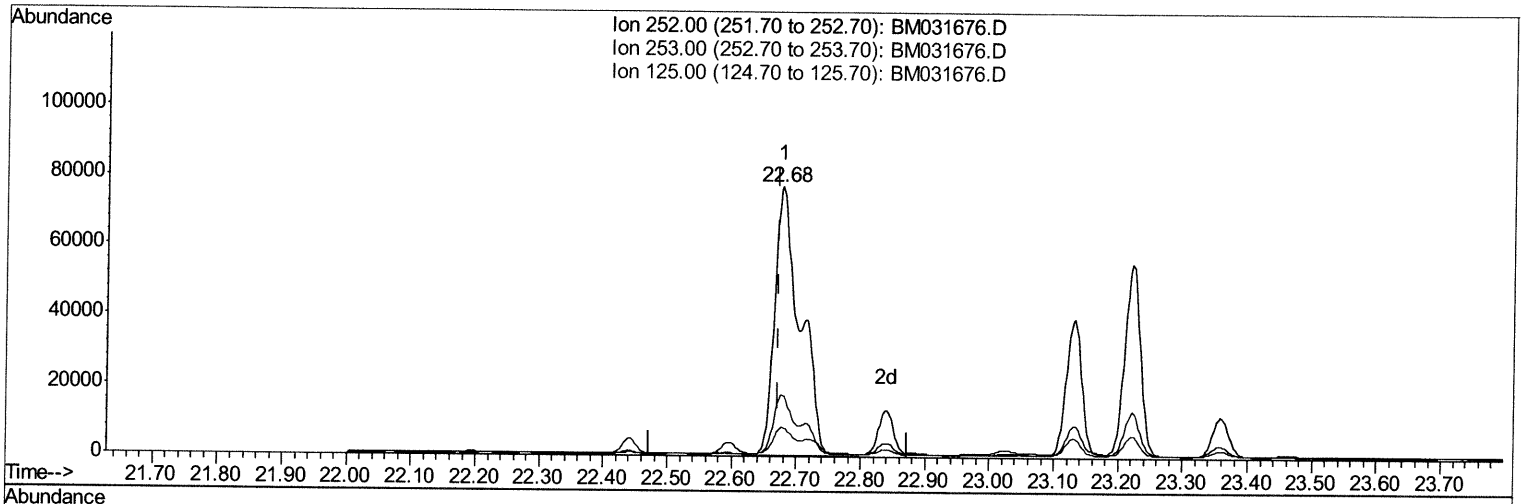
Quantitation Report (Qedit)

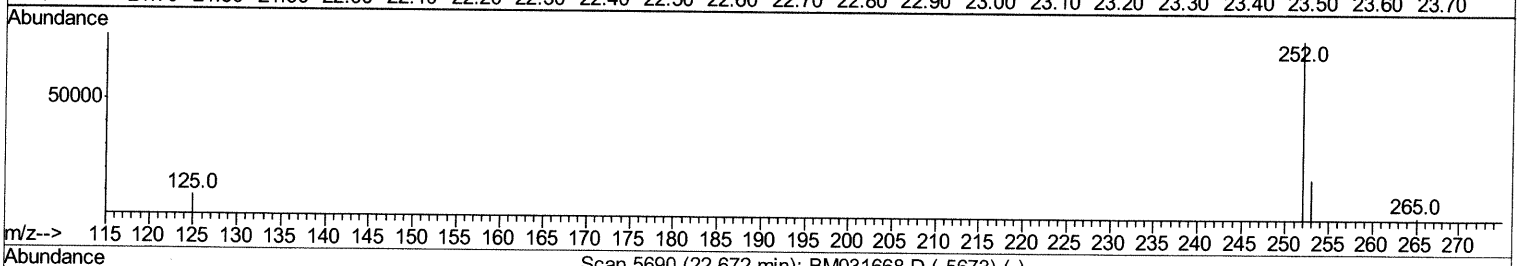
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031676.D
Acq On : 12 Aug 2021 14:23
Operator : CG/JU
Sample : M3182-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

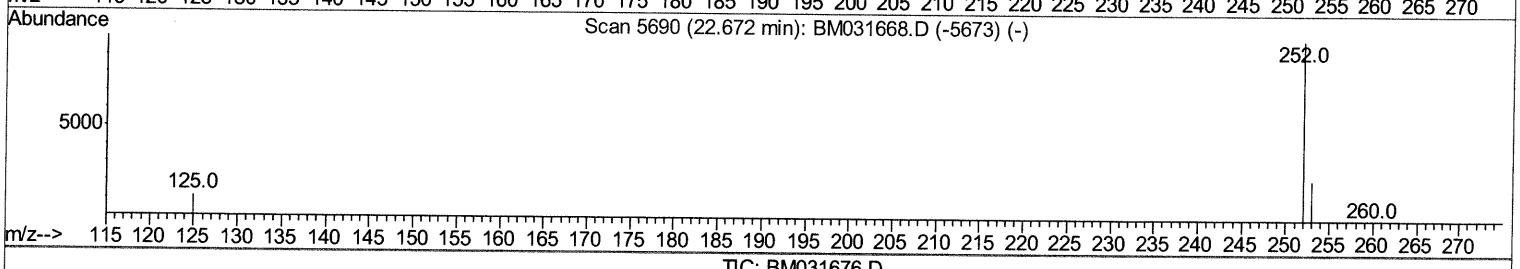
Quant Time: Aug 12 14:52:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 11:28:10 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00D7

Manual Integrations APPROVED
mohammad
8/13/2021 5:13:55 PM







TIC: BM031676.D

(24) Benzo(b)fluoranthene

22.677min (+0.005) 11.91ng/ul

response 210169

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	22.92
125.00	11.40	10.84
0.00	0.00	0.00

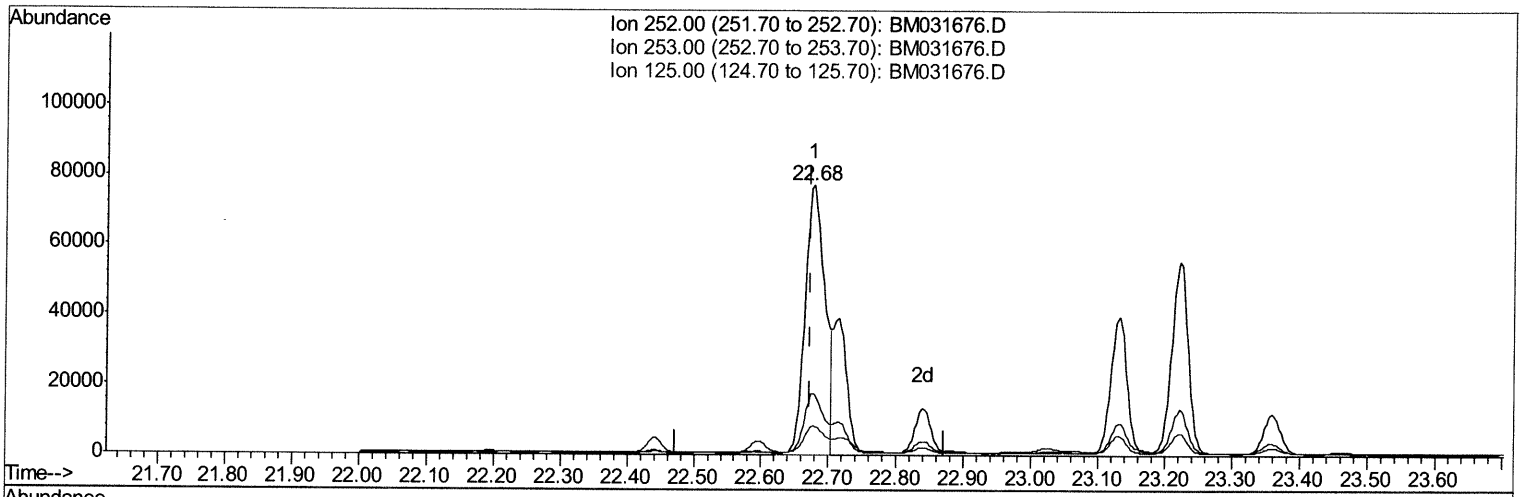
Quantitation Report (Qedit)

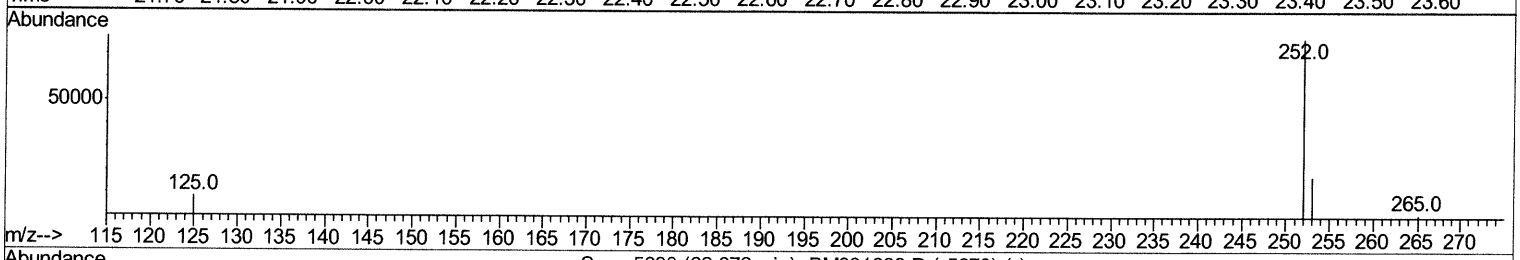
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031676.D
Acq On : 12 Aug 2021 14:23
Operator : CG/JU
Sample : M3182-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

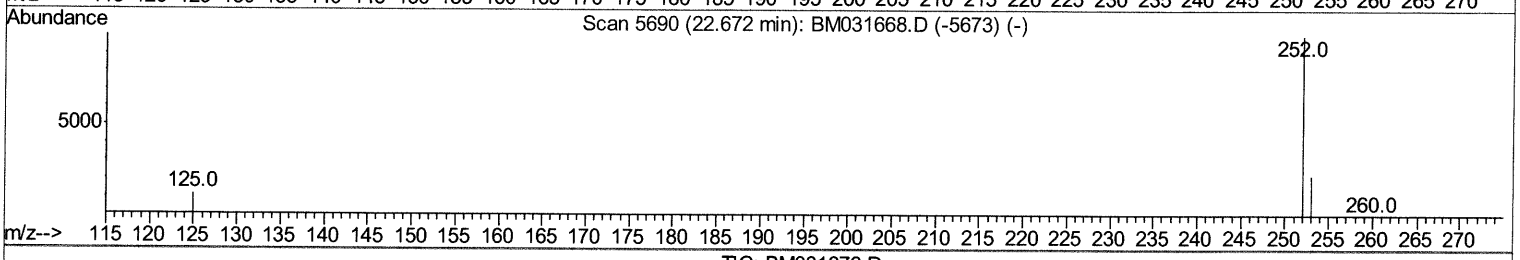
Quant Time: Aug 12 14:52:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 11:28:10 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00D7

Manual Integrations APPROVED
mohammad
8/13/2021 5:13:55 PM







TIC: BM031676.D

(24) Benzo(b)fluoranthene

22.677min (+0.005) 8.91ng/ul m 08/16/21JU

response 157276

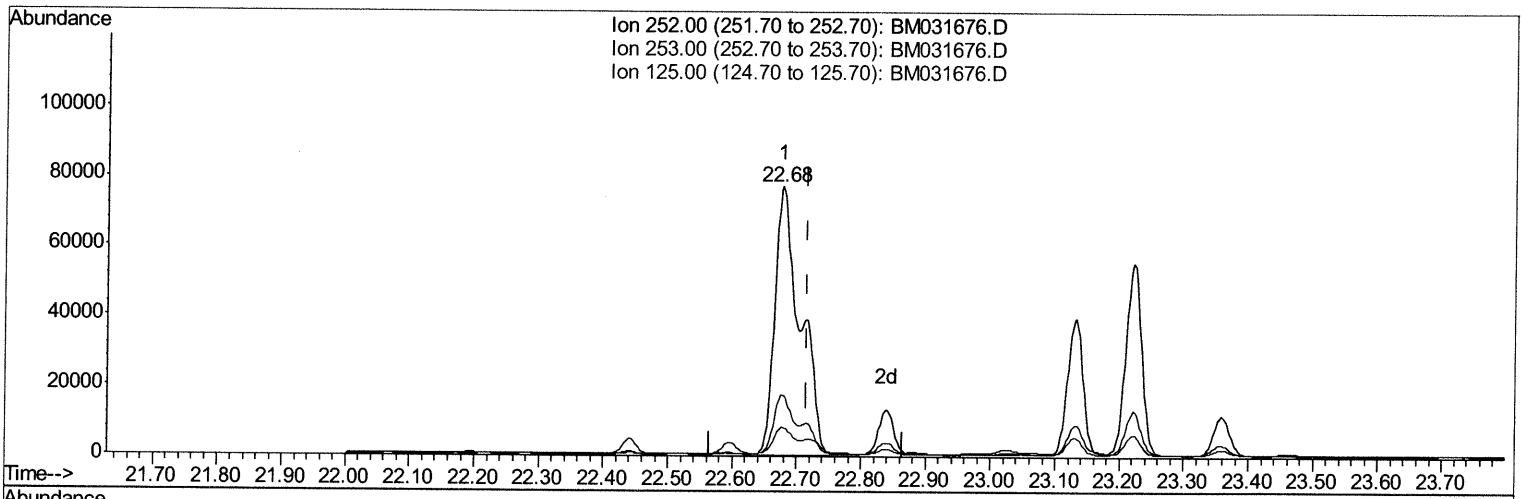
Ion	Exp%	Act%
252.00	100	100
253.00	26.50	22.92
125.00	11.40	10.84
0.00	0.00	0.00

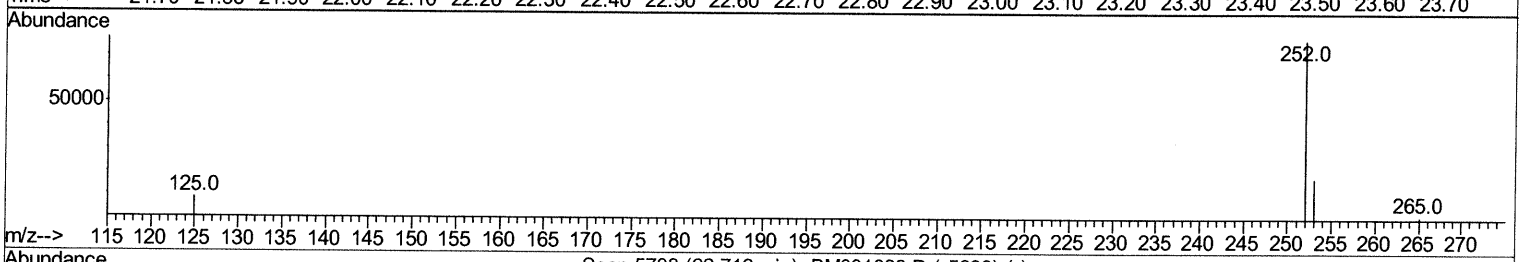
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031676.D
Acq On : 12 Aug 2021 14:23
Operator : CG/JU
Sample : M3182-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

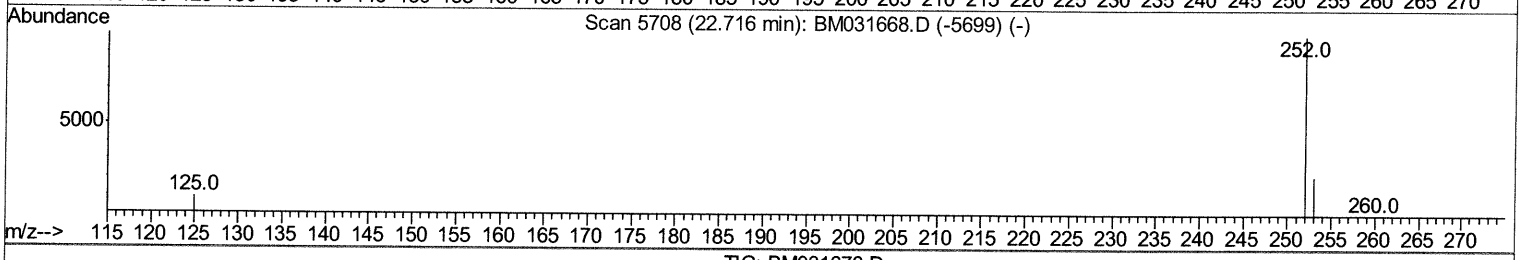
Quant Time: Aug 12 14:52:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 11:28:10 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00D7

Manual Integrations APPROVED
mohammad
8/13/2021 5:13:55 PM







TIC: BM031676.D

(25) Benzo(k)fluoranthene

22.677min (-0.039) 11.53ng/ul

response 210169

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	22.92
125.00	11.00	10.84
0.00	0.00	0.00

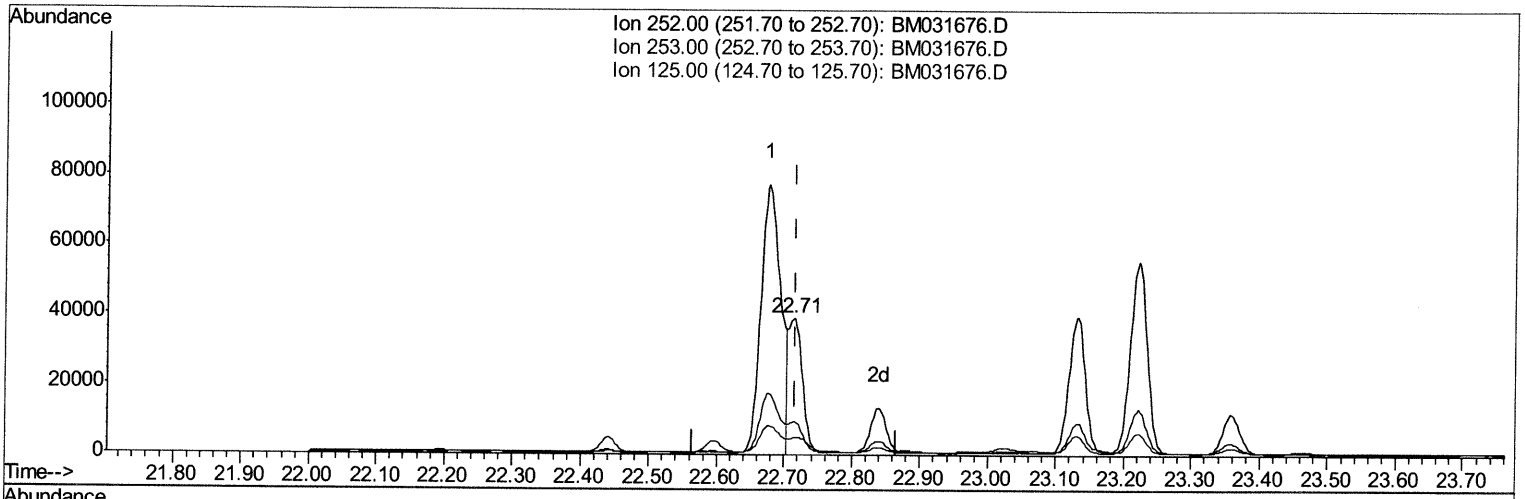
Quantitation Report (Qedit)

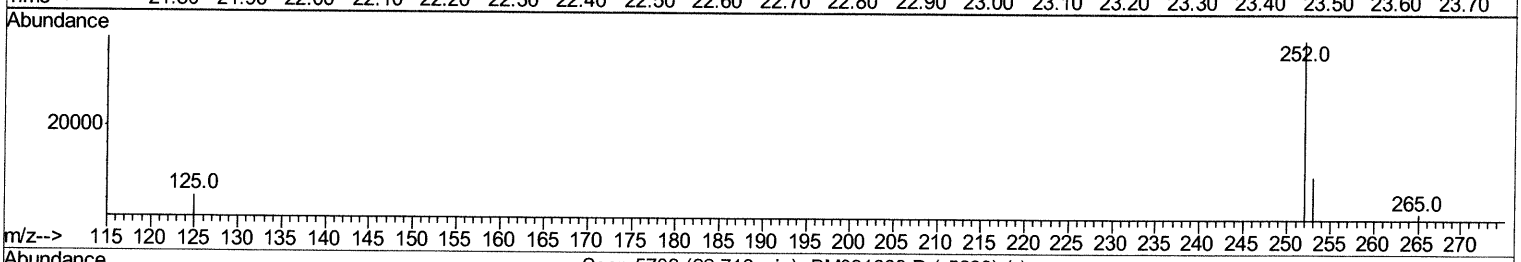
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031676.D
Acq On : 12 Aug 2021 14:23
Operator : CG/JU
Sample : M3182-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

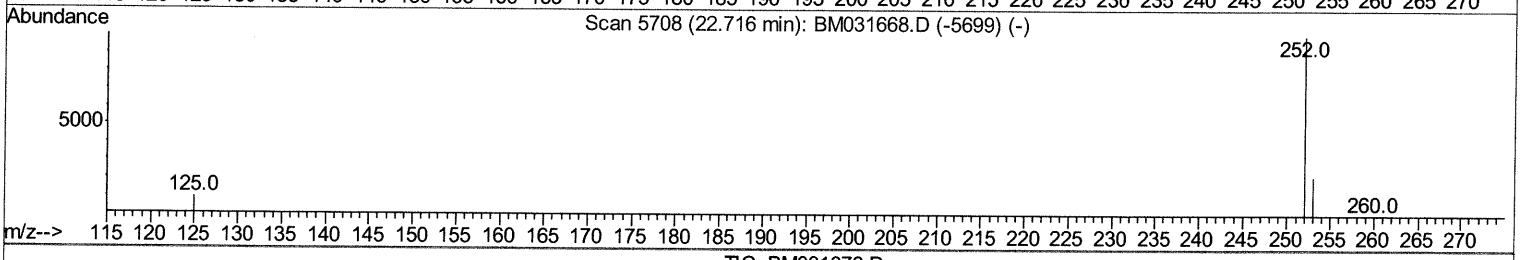
Quant Time: Aug 12 14:52:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 11:28:10 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00D7

Manual Integrations APPROVED
mohammad
8/13/2021 5:13:55 PM







TIC: BM031676.D

(25) Benzo(k)fluoranthene

22.713min (-0.003) 3.11ng/ul m 08/16/21 JU

response 56650

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	24.23
125.00	11.00	12.21
0.00	0.00	0.00

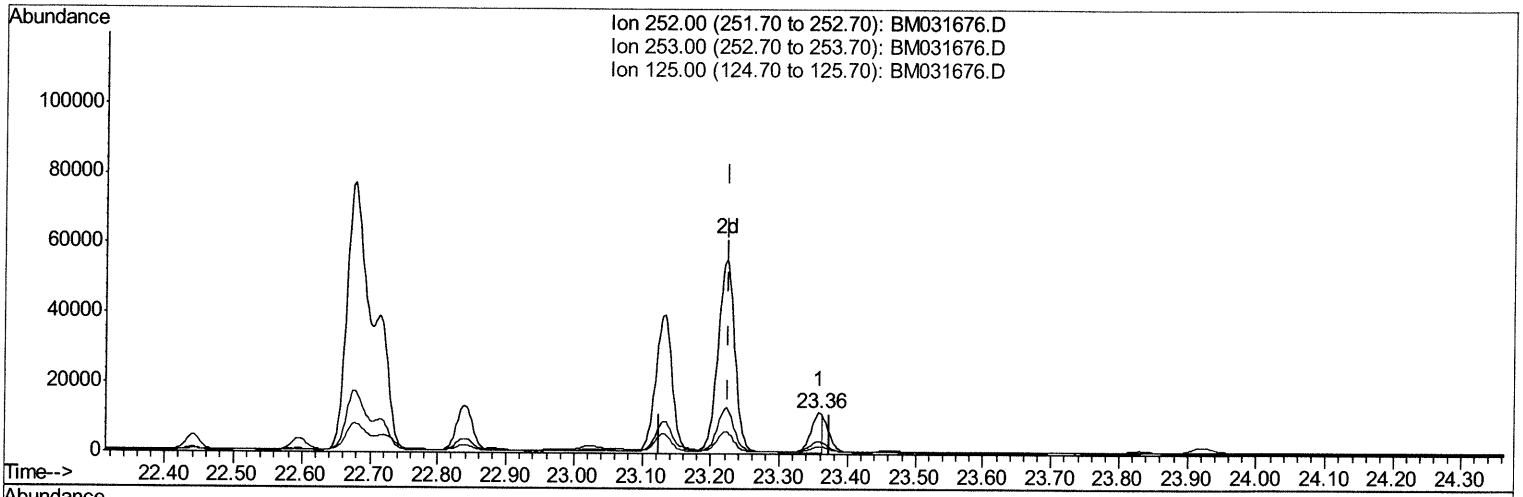
Quantitation Report (Qedit)

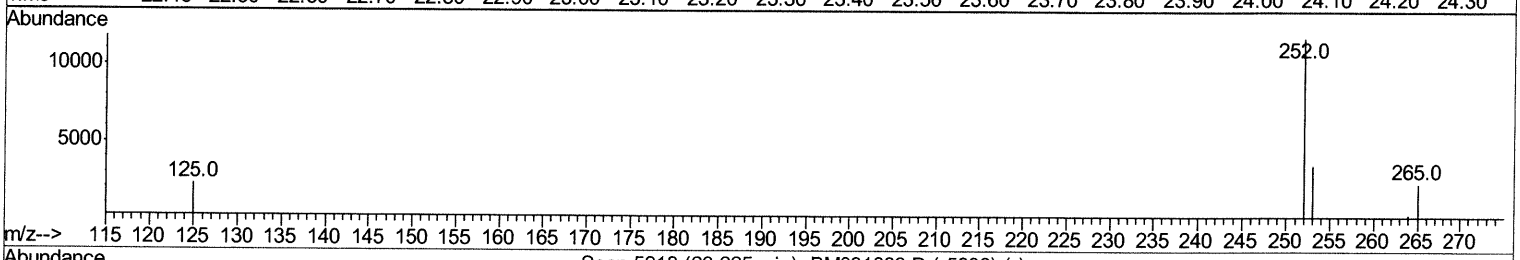
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031676.D
Acq On : 12 Aug 2021 14:23
Operator : CG/JU
Sample : M3182-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

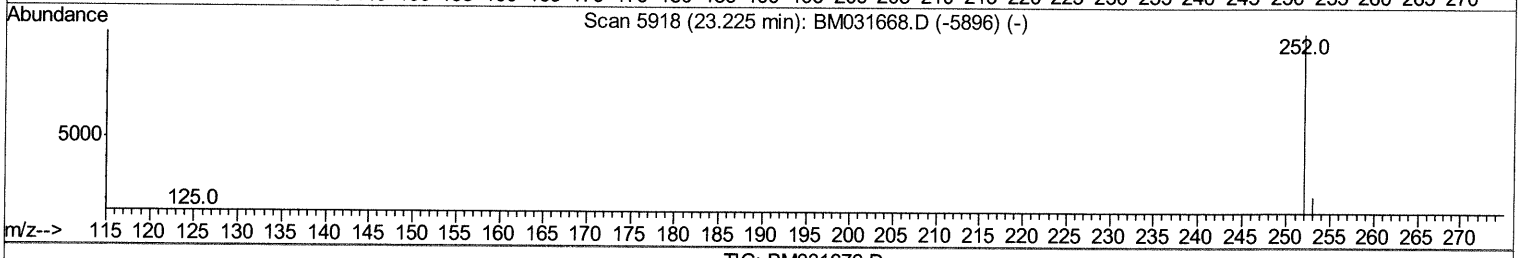
Quant Time: Aug 12 14:52:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 11:28:10 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00D7

Manual Integrations APPROVED
mohammad
8/13/2021 5:13:55 PM







TIC: BM031676.D

(26) Benzo(a)pyrene (C)

23.358min (+0.133) 0.85ng/ul

response 13145

Ion	Exp%	Act%
252.00	100	100
253.00	28.00	29.93
125.00	16.20	19.06
0.00	0.00	0.00

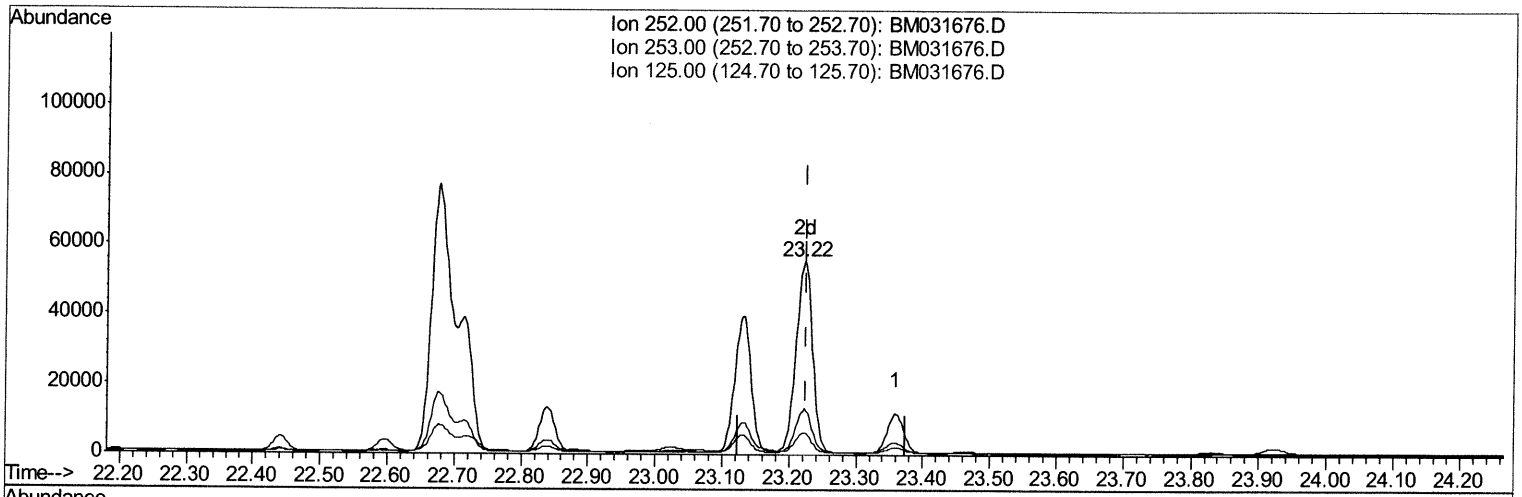
Quantitation Report (Qedit)

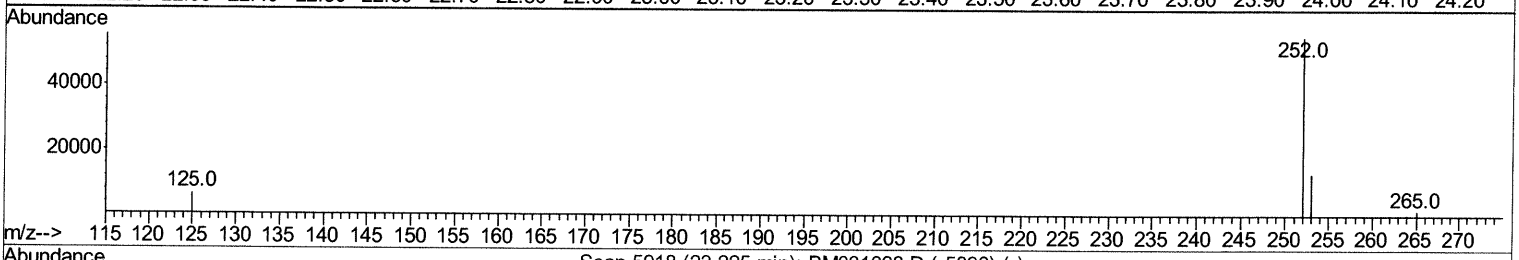
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031676.D
Acq On : 12 Aug 2021 14:23
Operator : CG/JU
Sample : M3182-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

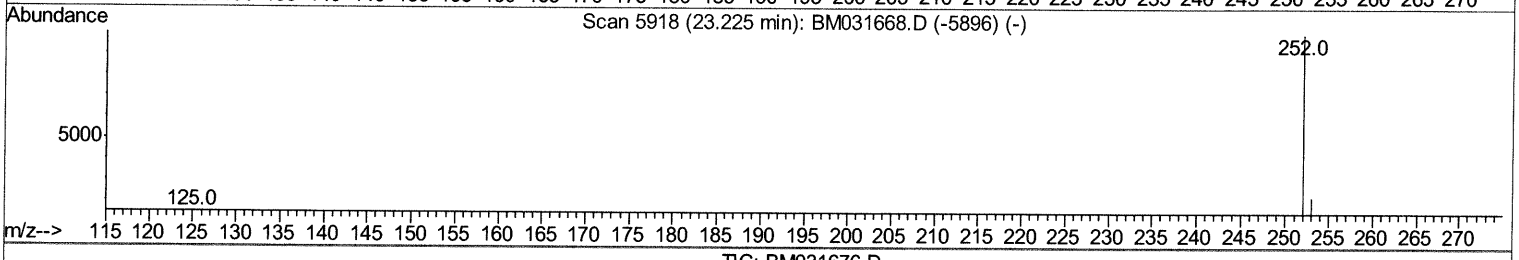
Quant Time: Aug 12 14:52:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 11:28:10 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00D7

Manual Integrations APPROVED
mohammad
8/13/2021 5:13:55 PM







TIC: BM031676.D

(26) Benzo(a)pyrene (C)

23.222min (-0.003) 6.35ng/ul m 08/16/21 JU

response 98043

Ion	Exp%	Act%
252.00	100	100
253.00	28.00	23.87
125.00	16.20	11.59#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031676.D
Acq On : 12 Aug 2021 14:23
Operator : CG/JU
Sample : M3182-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C00D7

Manual Integrations APPROVED
mohammad
8/13/2021 5:13:55 PM

Quant Time: Aug 12 14:54:16 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 : Thu Aug 12 11:28:10 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	1317	0.40	ng/ul	0.00
4) Naphthalene-d8	10.33	136	4702	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.20	164	2597	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.95	188	4770	0.40	ng/ul	0.00
17) Chrysene-d12	21.16	240	4033	0.40	ng/ul	0.00
23) Perylene-d12	23.31	264	3916	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	3517	2.40	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.93	152	1296	0.16	ng/ul	0.00
18) Fluoranthene-d10	18.99	212	2438	0.18	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.38	128	4373	0.312	ng/ul	99
7) 2-Methylnaphthalene	12.00	142	3506	0.366	ng/ul	99
8) 1-Methylnaphthalene	12.23	142	2146	0.227	ng/ul	99
10) Acenaphthylene	13.93	152	17985	1.626	ng/ul	98
11) Acenaphthene	14.27	153	1708	0.183	ng/ul	98
12) Fluorene	15.26	166	2897	0.270	ng/ul#	97
15) Phenanthrene	17.00	178	129421	8.544	ng/ul	97
16) Anthracene	17.09	178	17365	1.225	ng/ul	99
19) Fluoranthene	19.02	202	273087	15.858	ng/ul#	96
20) Pyrene	19.39	202	201648	11.544	ng/ul	97
21) Benzo(a)anthracene	21.14	228	94269	5.789	ng/ul	97
22) Chrysene	21.19	228	114831	6.815	ng/ul	98
24) Benzo(b)fluoranthene	22.68	252	157276m	8.914	ng/ul	
25) Benzo(k)fluoranthene	22.71	252	56650m	3.108	ng/ul	08/16/21 JU
26) Benzo(a)pyrene	23.22	252	98043m	6.345	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.45	276	71119	3.560	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.46	278	17111	1.063	ng/ul#	94
29) Benzo(g,h,i)perylene	26.10	276	19626	1.152	ng/ul	96

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