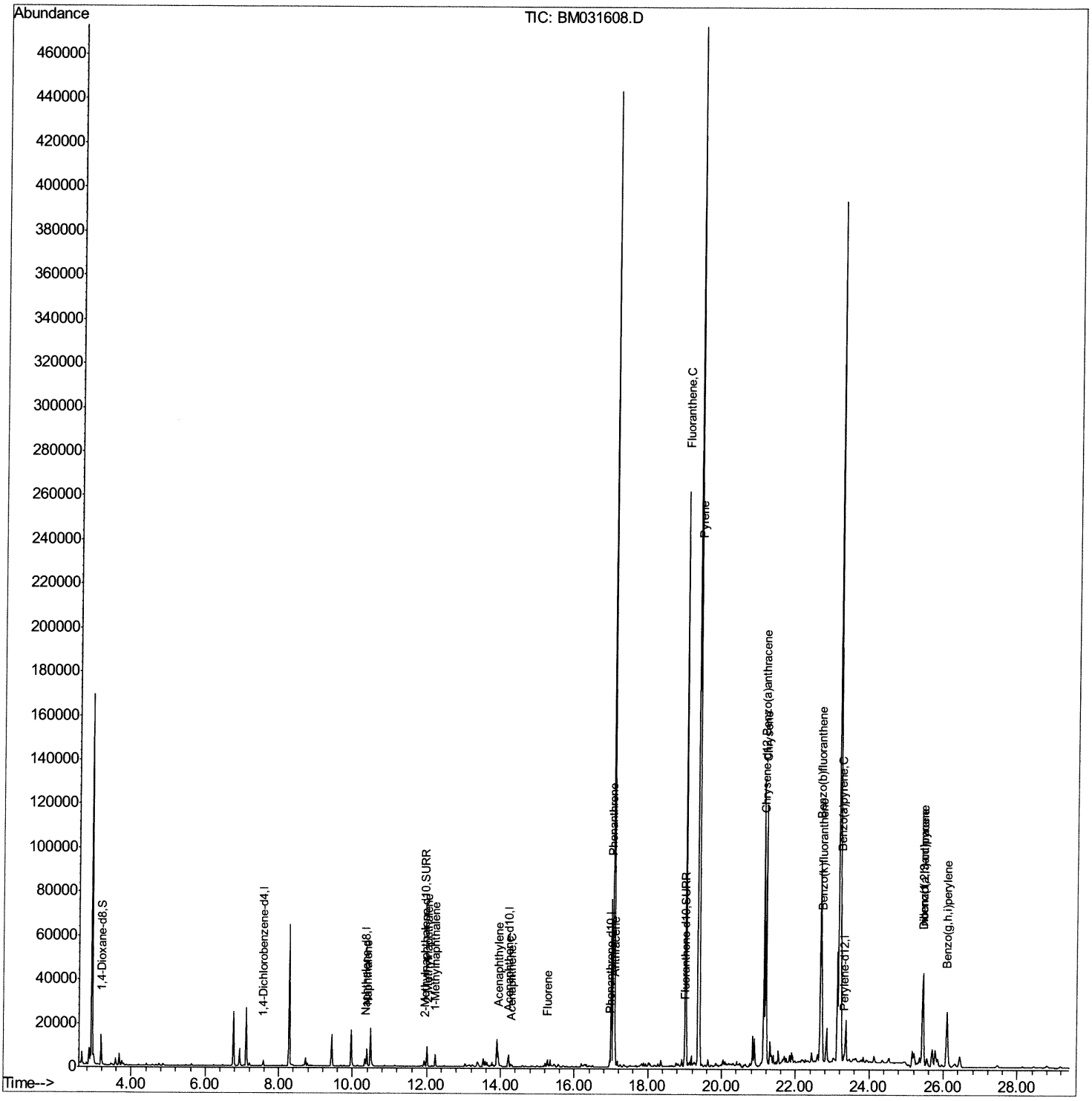
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
Data File : BM031608.D
Acq On : 09 Aug 2021 18:01
Operator : CG/JU
Sample : M3169-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 10 02:53:34 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 02:43:39 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00A2

Manual Integrations APPROVED
mohammad
8/10/2021 4:36:19 PM



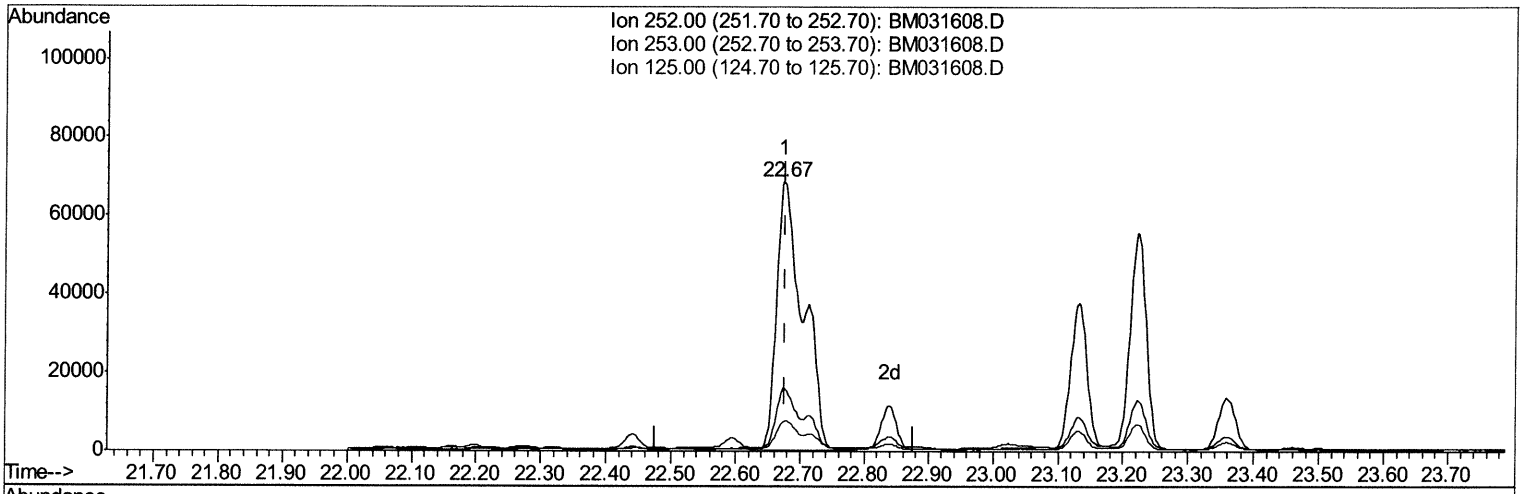
Quantitation Report (Qedit)

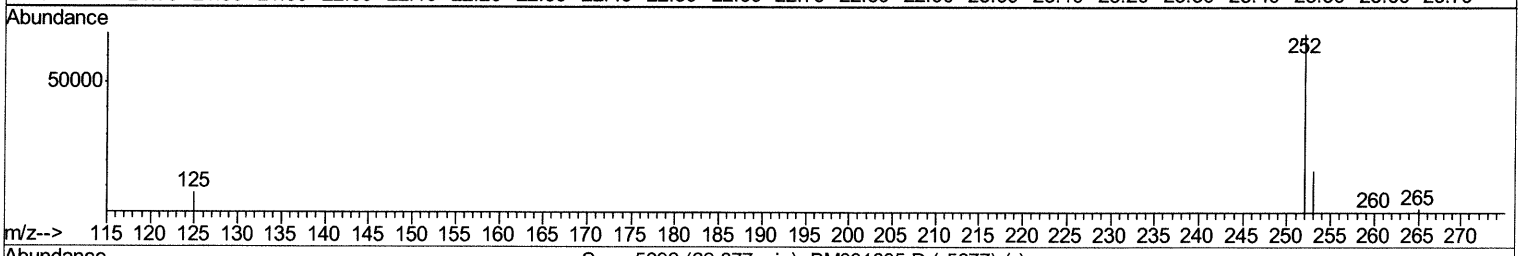
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
Data File : BM031608.D
Acq On : 09 Aug 2021 18:01
Operator : CG/JU
Sample : M3169-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

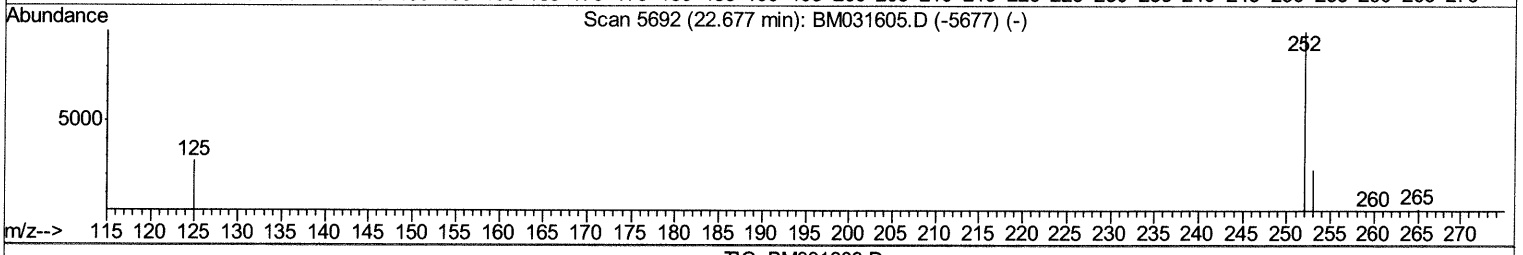
Quant Time: Aug 10 02:49:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 10 02:43:39 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00A2

Manual Integrations APPROVED
mohammad
8/10/2021 4:36:19 PM







TIC: BM031608.D

(24) Benzo(b)fluoranthene

22.674min (-0.002) 11.13ng/ul

response 194844

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	23.50
125.00	11.40	11.10
0.00	0.00	0.00

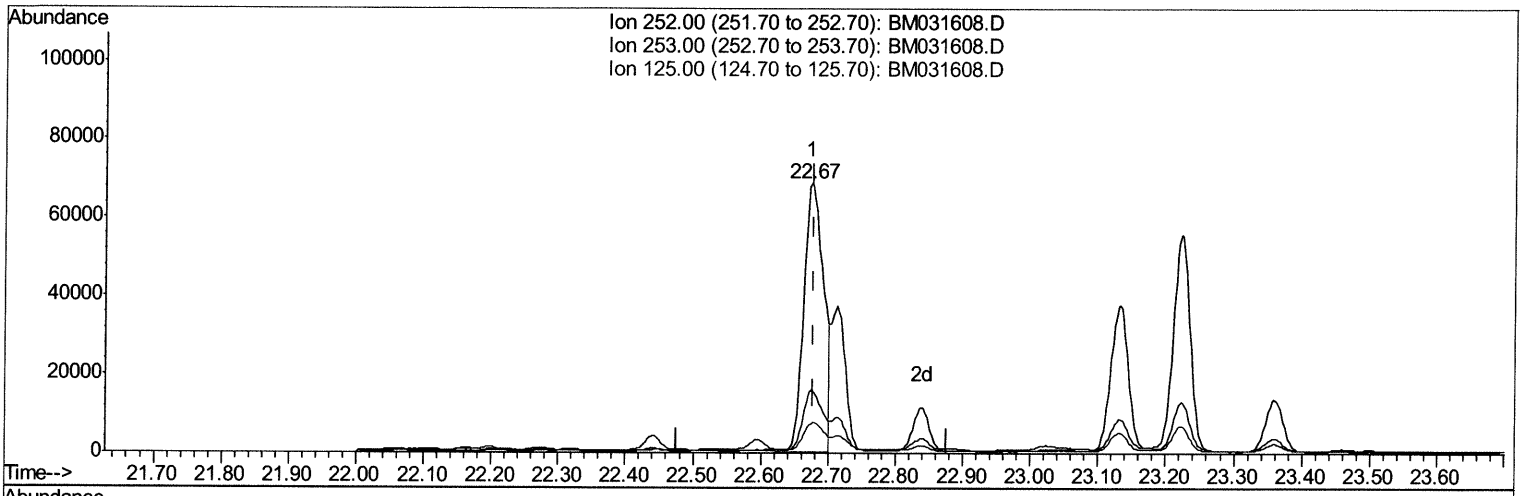
Quantitation Report (Qedit)

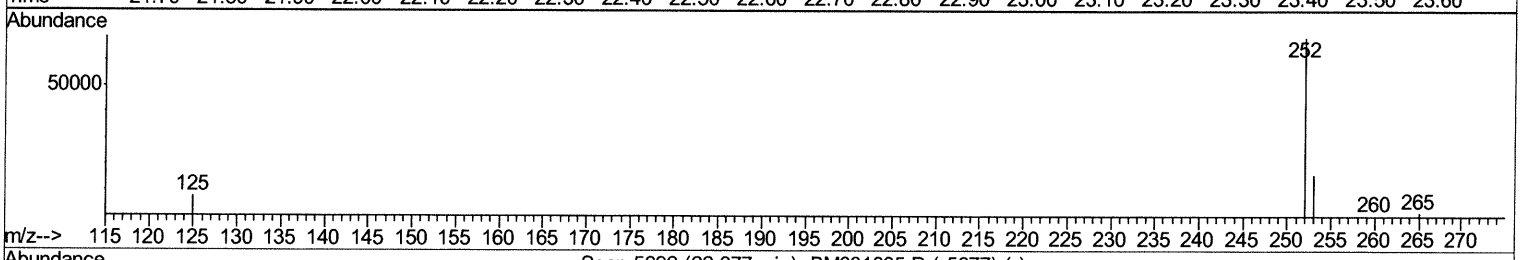
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
Data File : BM031608.D
Acq On : 09 Aug 2021 18:01
Operator : CG/JU
Sample : M3169-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

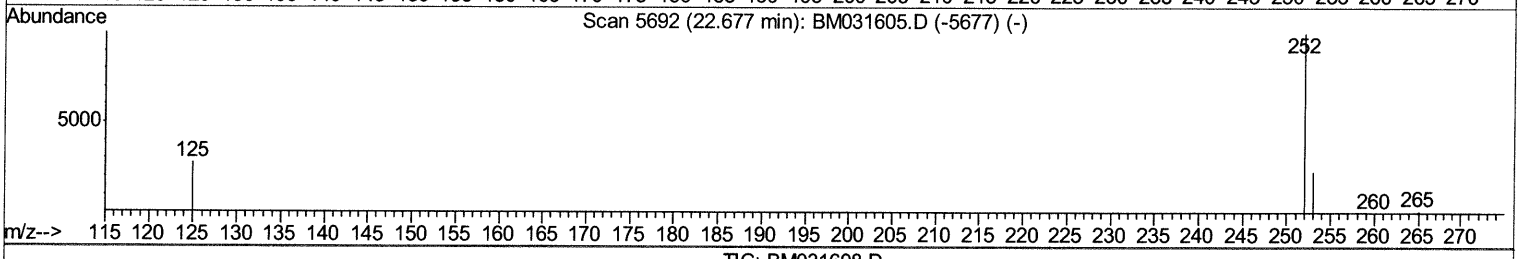
Quant Time: Aug 10 02:49:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 10 02:43:39 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00A2

Manual Integrations APPROVED
mohammad
8/10/2021 4:36:19 PM







TIC: BM031608.D

(24) Benzo(b)fluoranthene

22.674min (-0.002) 8.00ng/ul m

response 140072

JU 8/12/21

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	23.50
125.00	11.40	11.10
0.00	0.00	0.00

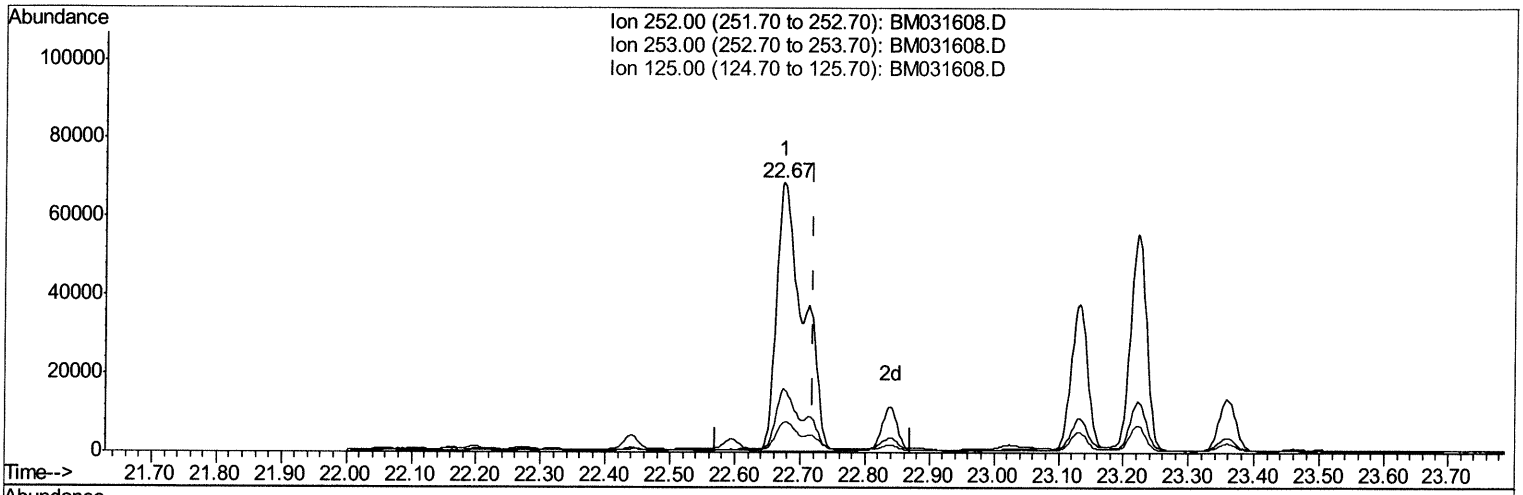
Quantitation Report (Qedit)

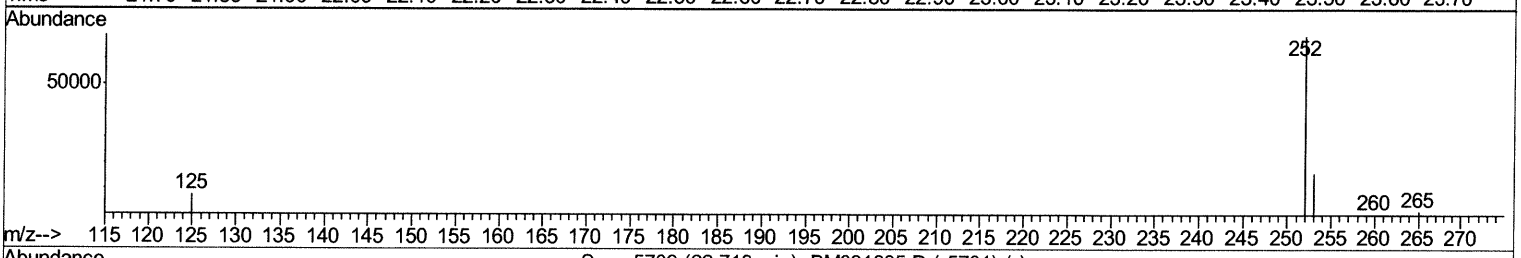
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
Data File : BM031608.D
Acq On : 09 Aug 2021 18:01
Operator : CG/JU
Sample : M3169-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

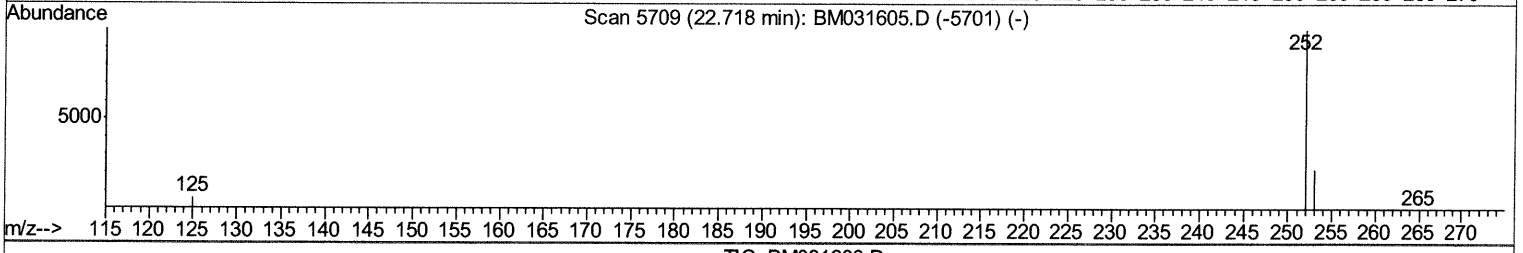
Quant Time: Aug 10 02:51:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 10 02:43:39 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00A2

Manual Integrations APPROVED
mohammad
8/10/2021 4:36:19 PM







TIC: BM031608.D

(25) Benzo(k)fluoranthene

22.674min (-0.046) 10.78ng/ul

response 194844

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	23.50
125.00	11.00	11.10
0.00	0.00	0.00

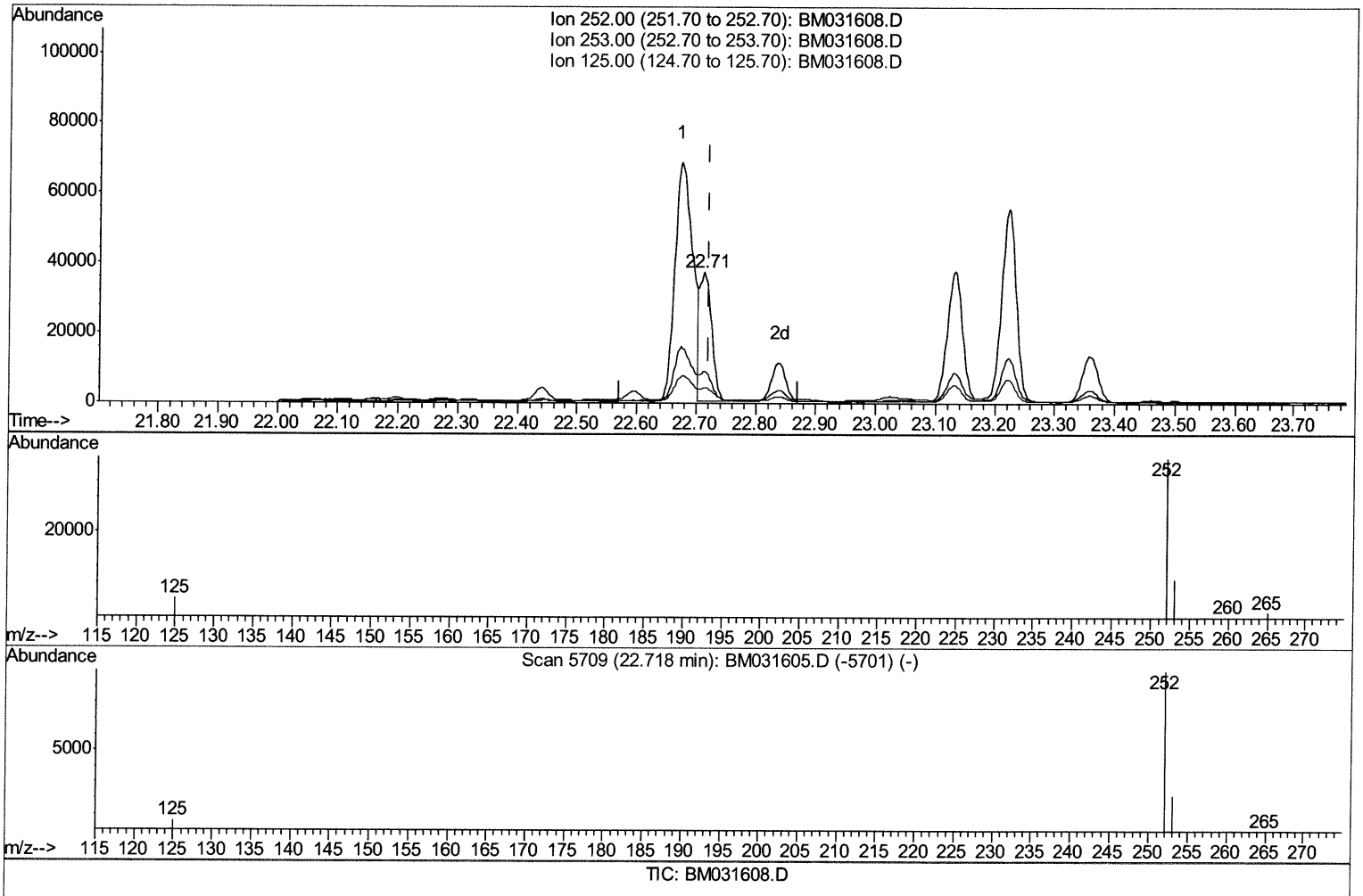
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
Data File : BM031608.D
Acq On : 09 Aug 2021 18:01
Operator : CG/JU
Sample : M3169-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 10 02:51:47 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 02:43:39 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00A2

Manual Integrations APPROVED
mohammad
8/10/2021 4:36:19 PM



TIC: BM031608.D

(25) Benzo(k)fluoranthene

22.713min (-0.007) 3.03ng/ul m

response 54782

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	24.61
125.00	11.00	11.72
0.00	0.00	0.00

JU 8/12/21

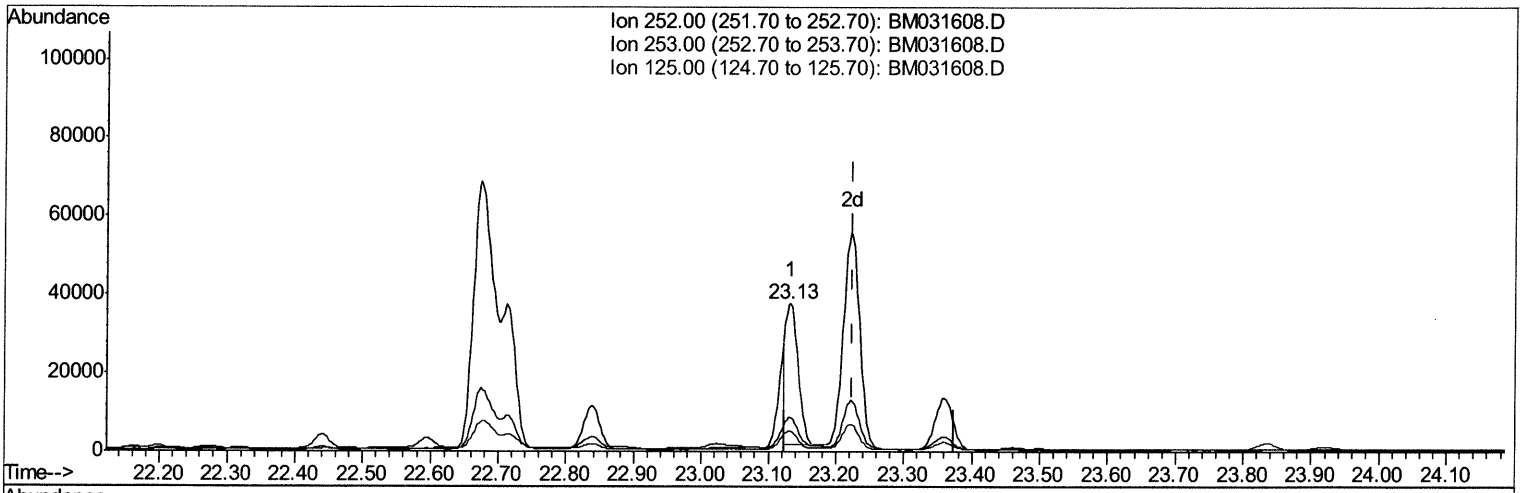
Quantitation Report (Qedit)

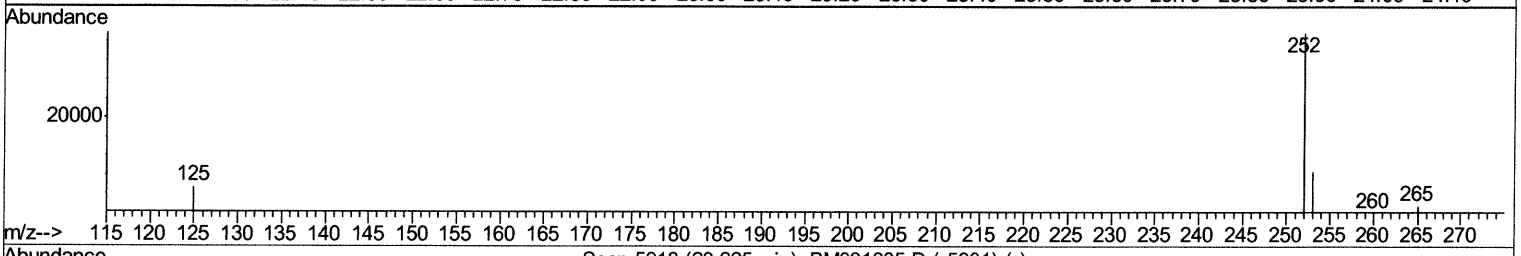
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
Data File : BM031608.D
Acq On : 09 Aug 2021 18:01
Operator : CG/JU
Sample : M3169-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

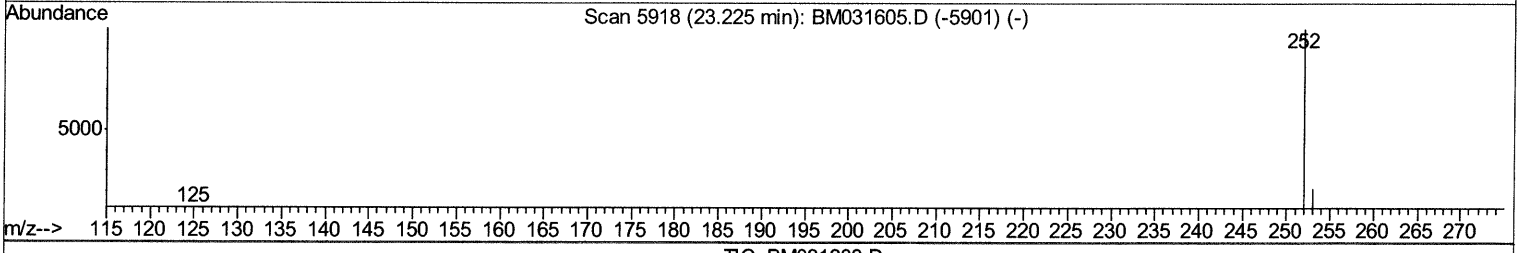
Quant Time: Aug 10 02:52:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 10 02:43:39 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00A2

Manual Integrations APPROVED
mohammad
8/10/2021 4:36:19 PM







TIC: BM031608.D

(26) Benzo(a)pyrene (C)

23.132min (-0.092) 3.00ng/ul

response 45955

Ion	Exp%	Act%
252.00	100	100
253.00	28.00	23.15
125.00	16.20	14.14
0.00	0.00	0.00

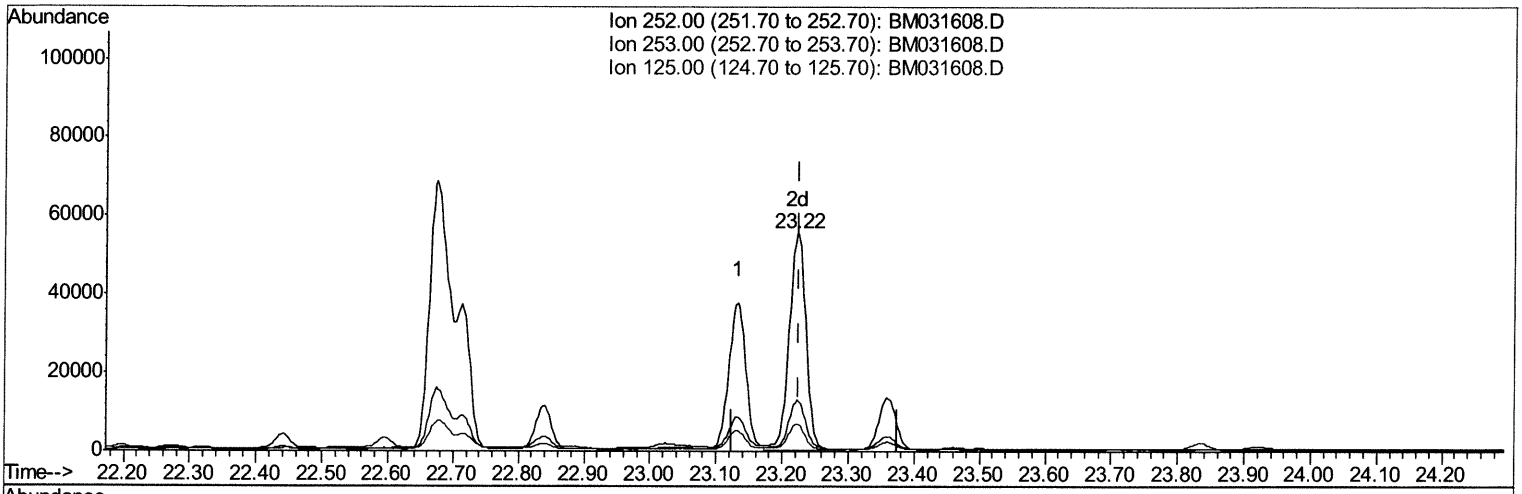
Quantitation Report (Qedit)

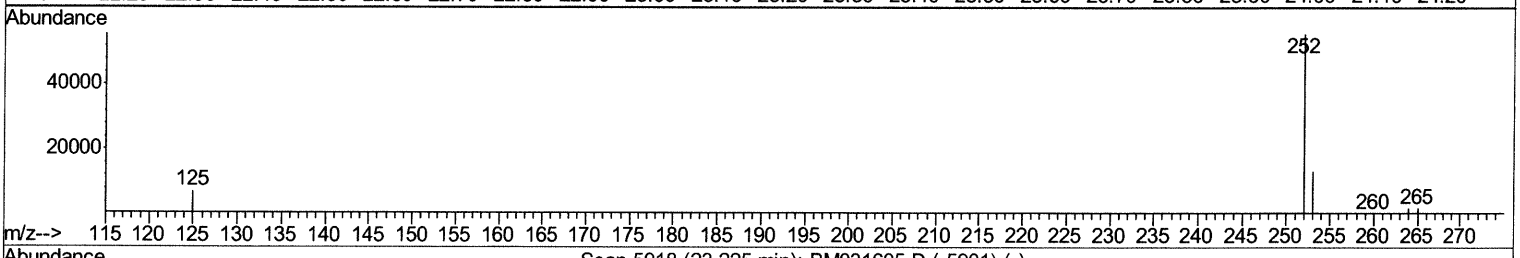
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
Data File : BM031608.D
Acq On : 09 Aug 2021 18:01
Operator : CG/JU
Sample : M3169-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

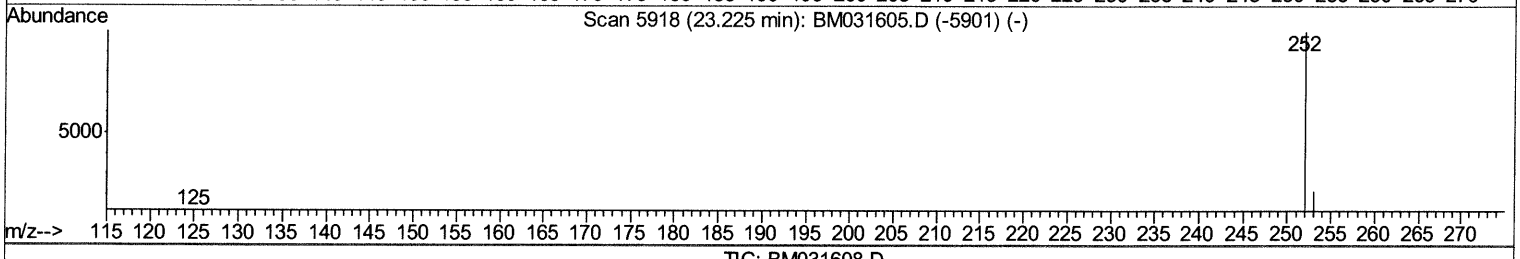
Quant Time: Aug 10 02:52:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 10 02:43:39 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00A2

Manual Integrations APPROVED
mohammad
8/10/2021 4:36:19 PM







TIC: BM031608.D

(26) Benzo(a)pyrene (C)

23.222min (-0.002) 6.32ng/ul m

response 96886

JU 8/12/21

Ion	Exp%	Act%
252.00	100	100
253.00	28.00	23.62
125.00	16.20	12.50#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
Data File : BM031608.D
Acq On : 09 Aug 2021 18:01
Operator : CG/JU
Sample : M3169-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C00A2

Manual Integrations APPROVED
mohammad
8/10/2021 4:36:19 PM

Quant Time: Aug 10 02:53:34 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 02:43:39 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1130	0.40	ng/ul	0.00
4) Naphthalene-d8	10.34	136	4299	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.21	164	2770	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.96	188	4990	0.40	ng/ul	0.00
17) Chrysene-d12	21.16	240	3918	0.40	ng/ul	0.00
23) Perylene-d12	23.31	264	3884	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	8403	6.70	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.93	152	3328	0.46	ng/ul	0.00
18) Fluoranthene-d10	18.99	212	6706	0.51	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.39	128	10166	0.794	ng/ul	99
7) 2-Methylnaphthalene	12.01	142	6241	0.713	ng/ul	99
8) 1-Methylnaphthalene	12.23	142	3646	0.422	ng/ul	98
10) Acenaphthylene	13.93	152	8785	0.745	ng/ul	99
11) Acenaphthene	14.27	153	1010	0.102	ng/ul	96
12) Fluorene	15.27	166	1943	0.170	ng/ul#	94
15) Phenanthrene	17.00	178	77806	4.910	ng/ul	98
16) Anthracene	17.09	178	18246	1.230	ng/ul	99
19) Fluoranthene	19.02	202	219836	13.140	ng/ul	97
20) Pyrene	19.39	202	180688	10.648	ng/ul	98
21) Benzo(a)anthracene	21.14	228	108403	6.852	ng/ul	98
22) Chrysene	21.19	228	108461	6.626	ng/ul	98
24) Benzo(b)fluoranthene	22.67	252	140072m	8.004	ng/ul	
25) Benzo(k)fluoranthene	22.71	252	54782m	3.030	ng/ul	
26) Benzo(a)pyrene	23.22	252	96886m	6.322	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.44	276	63175	3.189	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.45	278	16094	1.008	ng/ul	94
29) Benzo(g,h,i)perylene	26.10	276	50094	2.964	ng/ul	99

JU 8/12/21

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