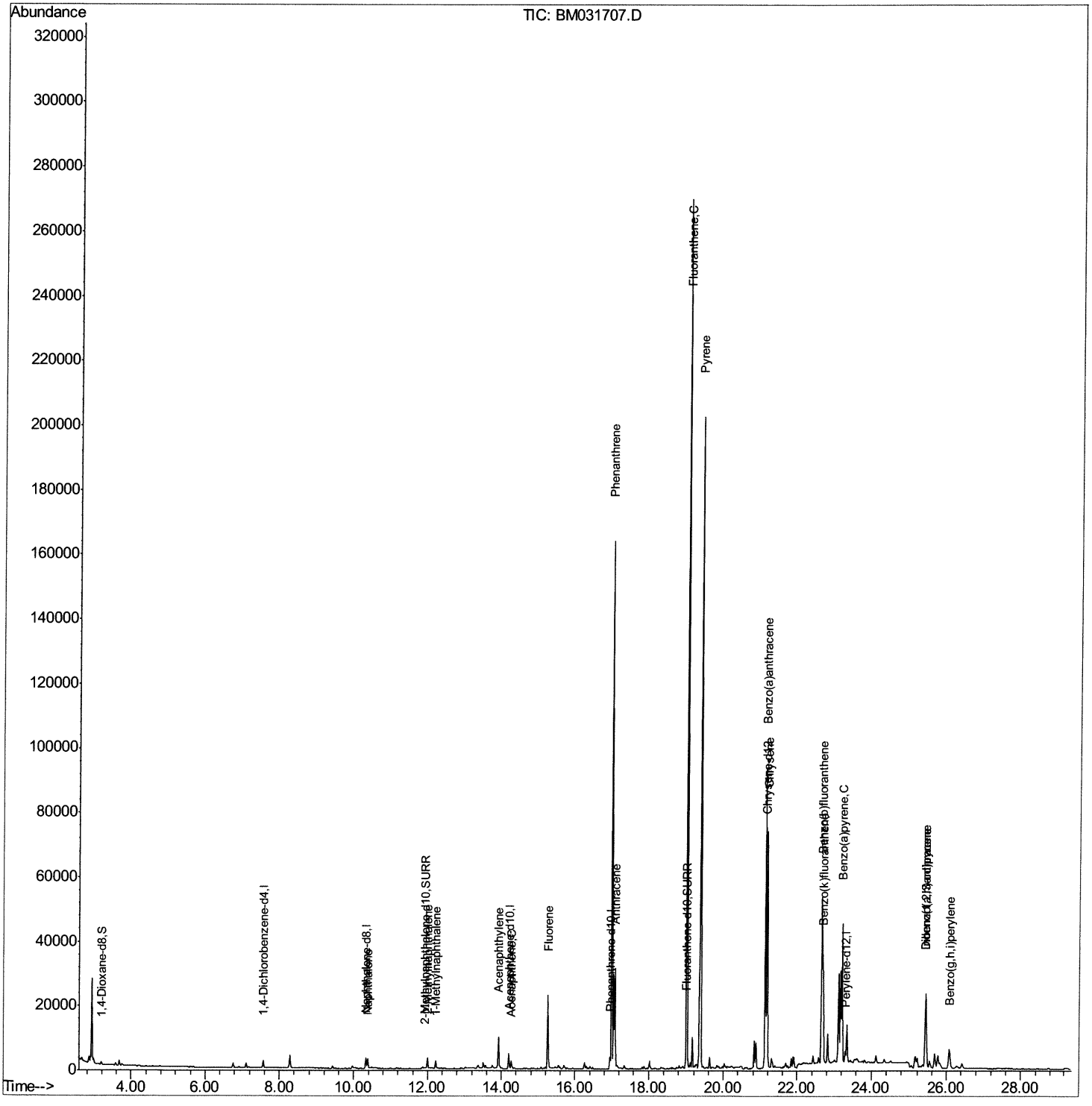
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031707.D
Acq On : 13 Aug 2021 10:12
Operator : CG/JU
Sample : M3182-20DL 5X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Aug 13 11:14:43 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 : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00D8DL

Manual Integrations APPROVED
mohammad
8/13/2021 5:15:29 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031707.D
Acq On : 13 Aug 2021 10:12
Operator : CG/JU
Sample : M3182-20DL 5X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Aug 13 11:13:22 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 17:28:09 2021
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Instrument :
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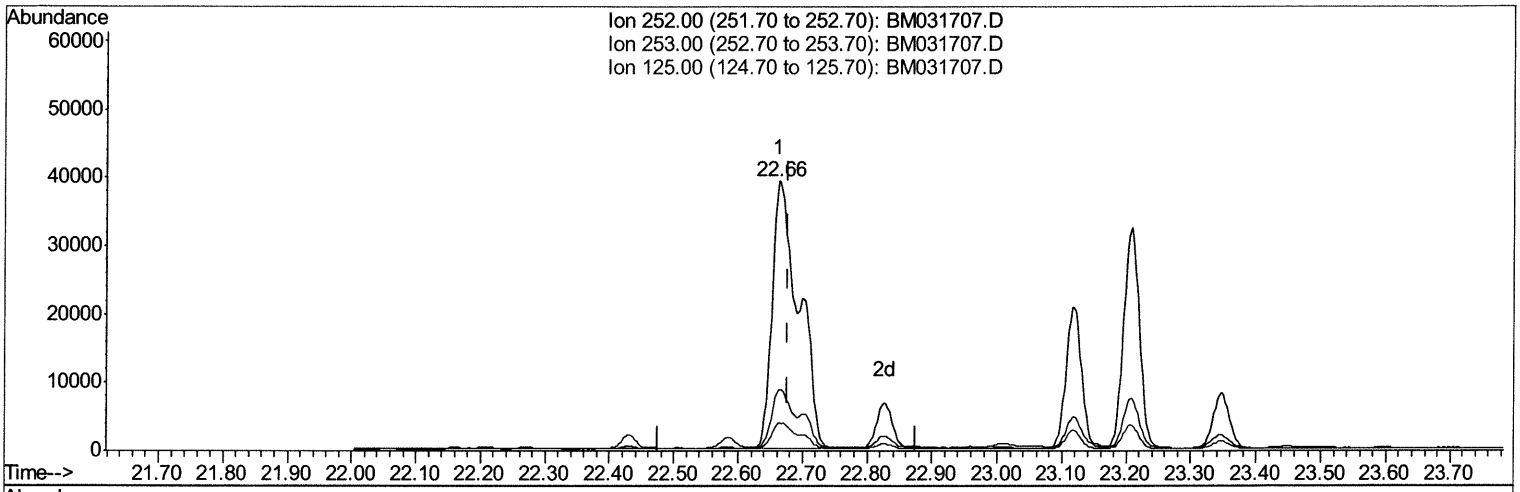
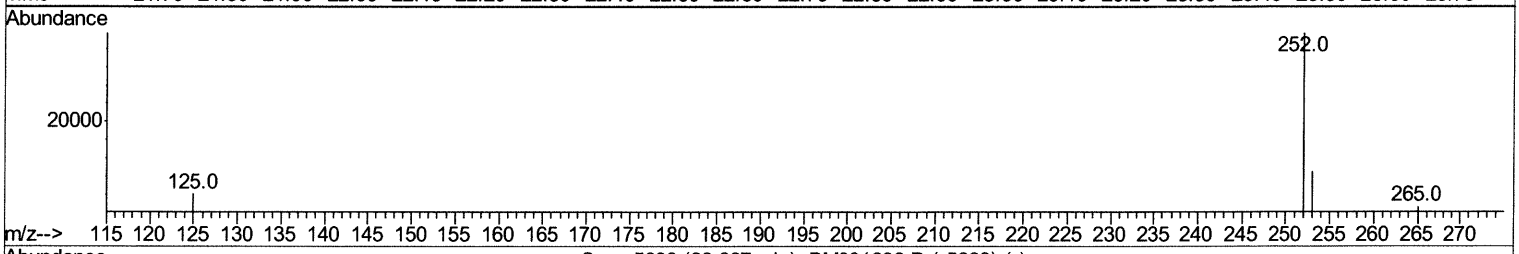
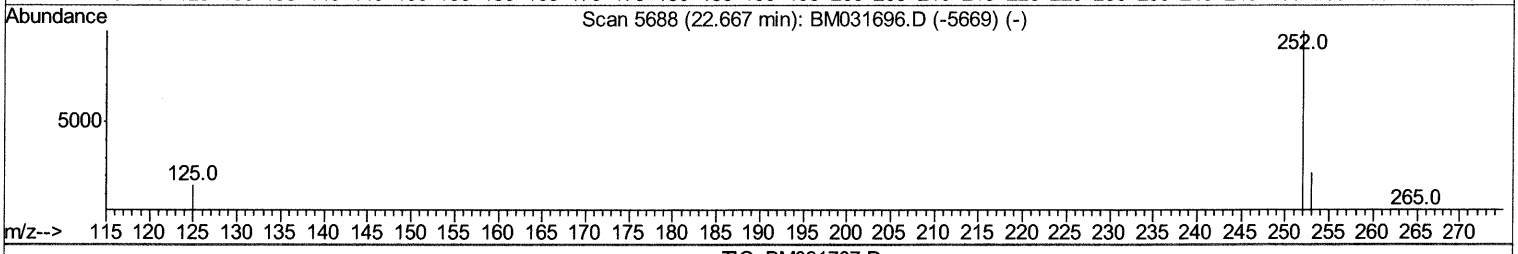
ClientSampleId :
C00D8DL

Manual Integrations APPROVED
mohammad
8/13/2021 5:15:29 PM







TIC: BM031707.D

(24) Benzo(b)fluoranthene

22.662min (-0.014) 5.70ng/ul

response 112916

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	22.97
125.00	11.40	10.39
0.00	0.00	0.00

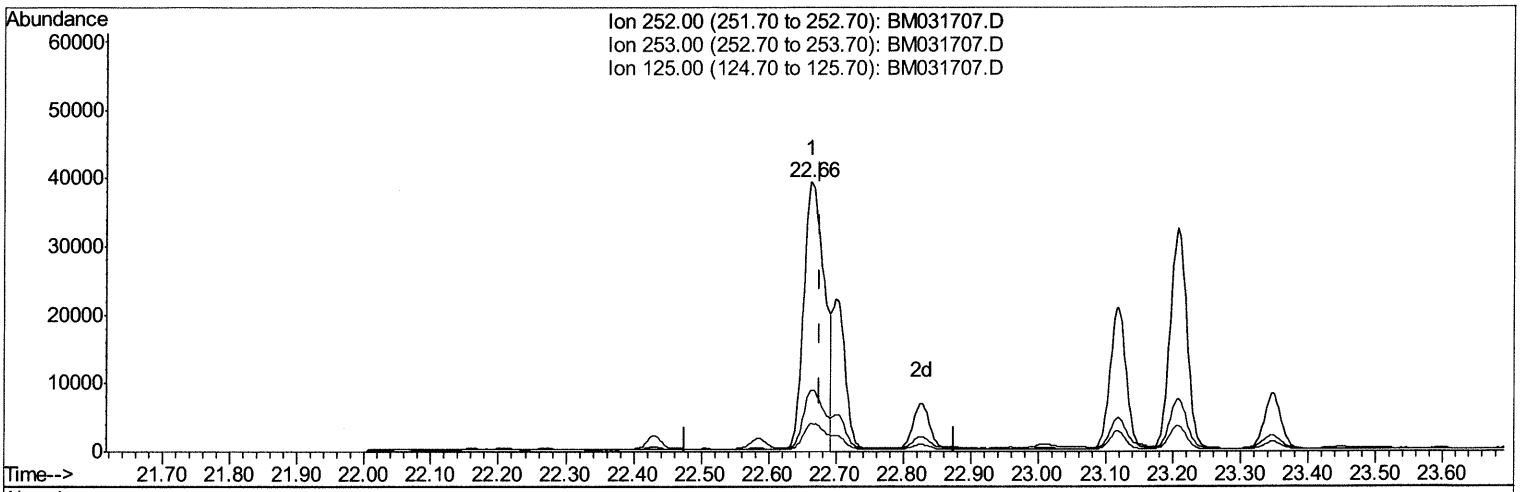
Quantitation Report (Qedit)

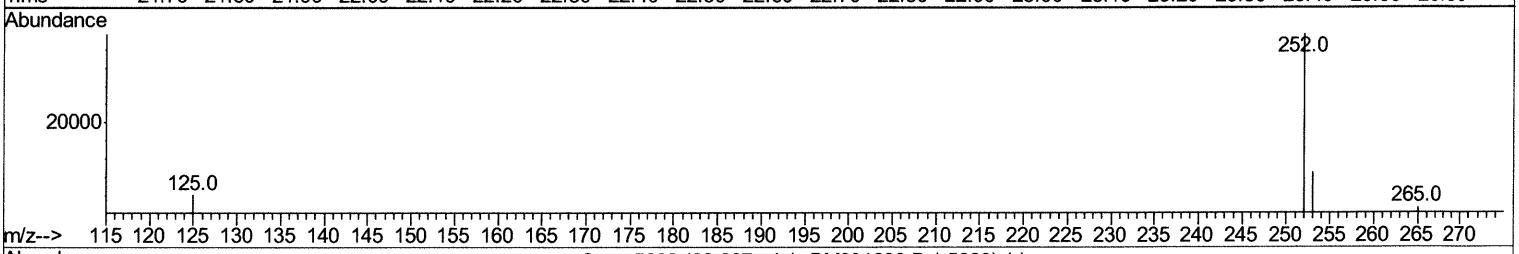
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031707.D
Acq On : 13 Aug 2021 10:12
Operator : CG/JU
Sample : M3182-20DL 5X
Misc :
ALS Vial : 39 Sample Multiplier: 1

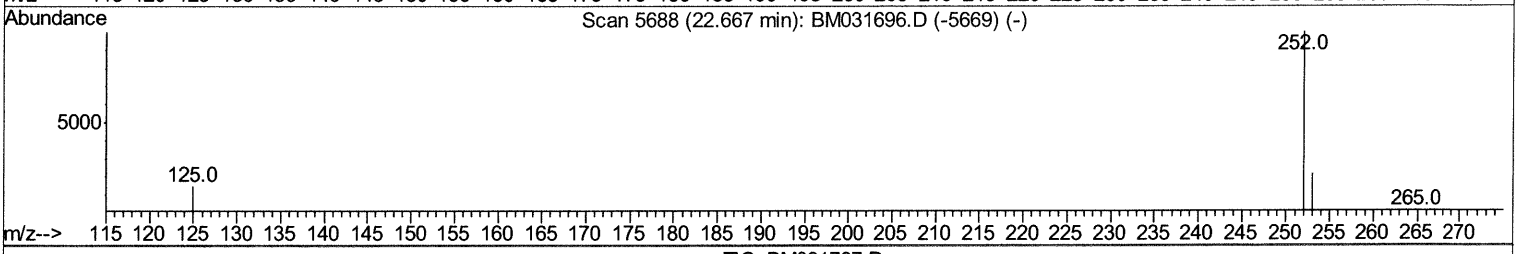
Quant Time: Aug 13 11:13:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00D8DL

Manual Integrations APPROVED
mohammad
8/13/2021 5:15:29 PM







TIC: BM031707.D

(24) Benzo(b)fluoranthene

22.662min (-0.014) 4.24ng/ul m 08/16/2134

response 84058

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	22.97
125.00	11.40	10.39
0.00	0.00	0.00

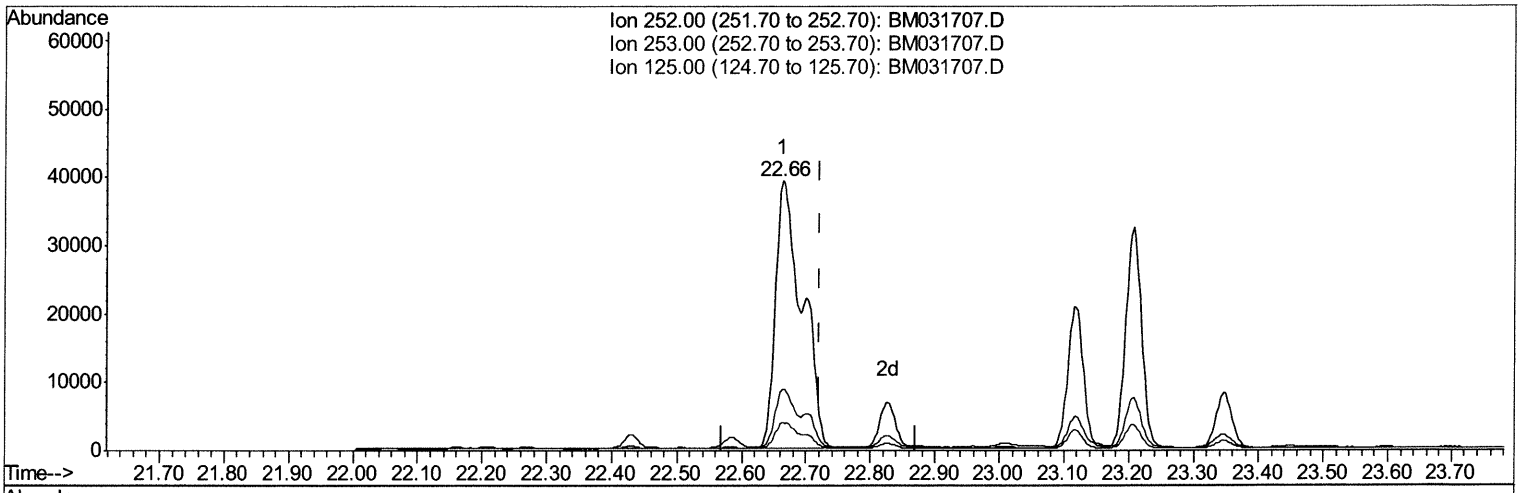
Quantitation Report (Qedit)

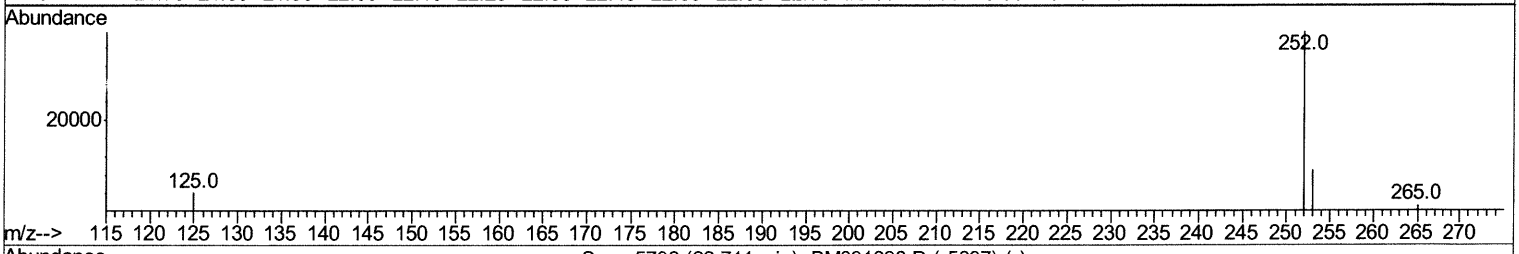
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031707.D
Acq On : 13 Aug 2021 10:12
Operator : CG/JU
Sample : M3182-20DL 5X
Misc :
ALS Vial : 39 Sample Multiplier: 1

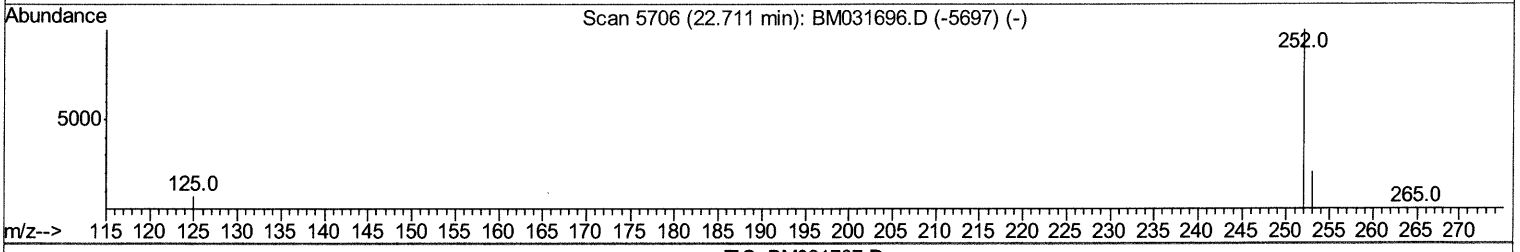
Quant Time: Aug 13 11:13:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00D8DL

Manual Integrations APPROVED
mohammad
8/13/2021 5:15:29 PM







TIC: BM031707.D

(25) Benzo(k)fluoranthene

22.662min (-0.058) 5.52ng/ul

response 112910

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	22.97
125.00	11.00	10.39
0.00	0.00	0.00

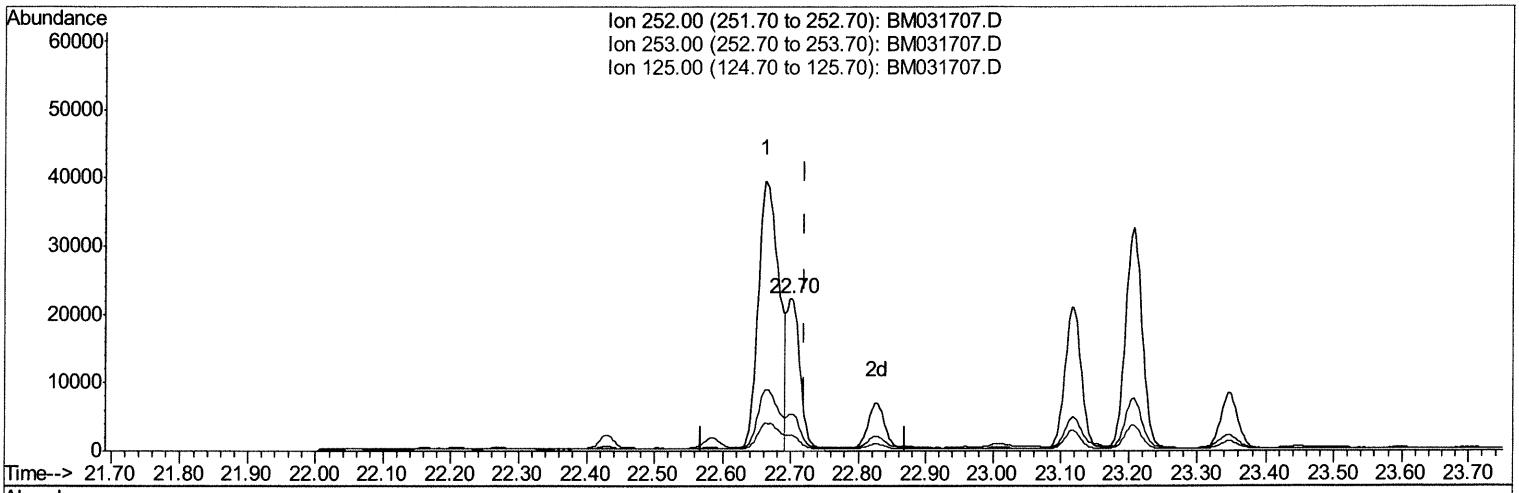
Quantitation Report (Qedit)

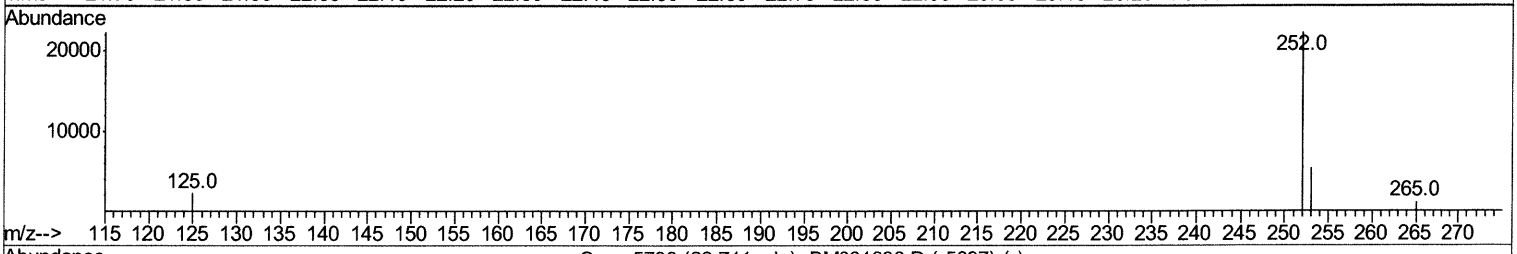
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031707.D
Acq On : 13 Aug 2021 10:12
Operator : CG/JU
Sample : M3182-20DL 5X
Misc :
ALS Vial : 39 Sample Multiplier: 1

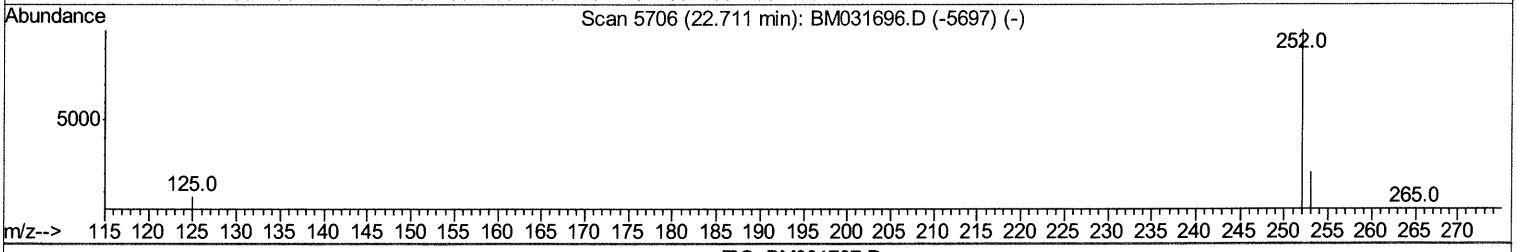
Quant Time: Aug 13 11:13:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00D8DL

Manual Integrations APPROVED
mohammad
8/13/2021 5:15:29 PM







TIC: BM031707.D

(25) Benzo(k)fluoranthene

22.701min (-0.019) 1.51ng/ul m 08/16/2134

response 31007

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	24.40
125.00	11.00	10.43
0.00	0.00	0.00

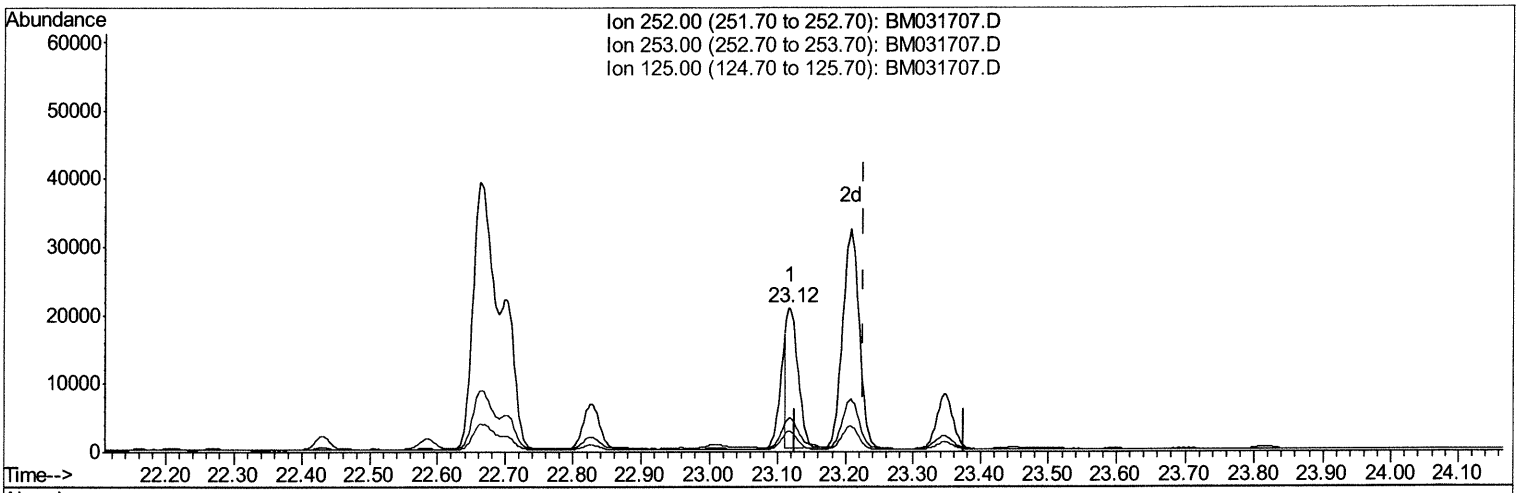
Quantitation Report (Qedit)

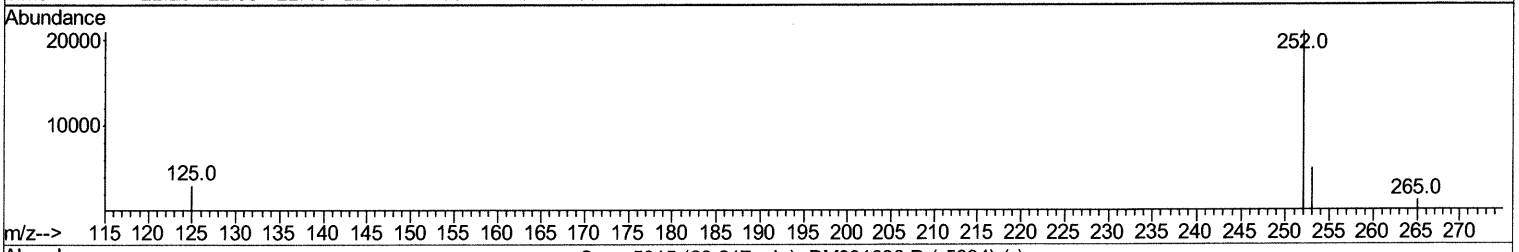
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031707.D
Acq On : 13 Aug 2021 10:12
Operator : CG/JU
Sample : M3182-20DL 5X
Misc :
ALS Vial : 39 Sample Multiplier: 1

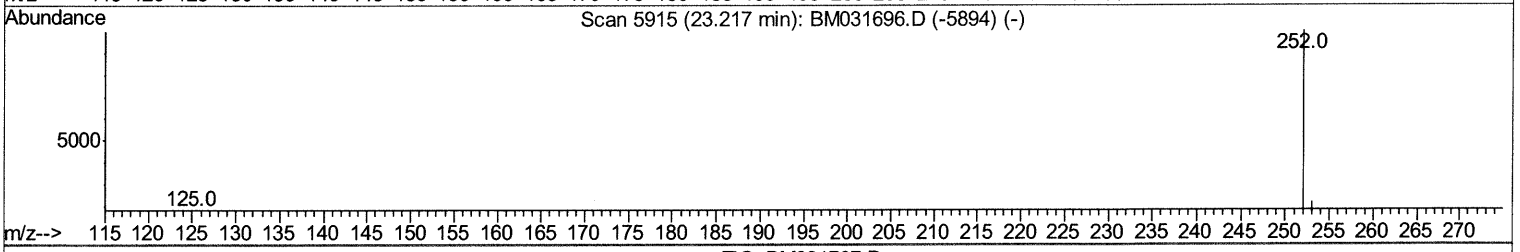
Quant Time: Aug 13 11:13:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00D8DL

Manual Integrations APPROVED
mohammad
8/13/2021 5:15:29 PM







TIC: BM031707.D

(26) Benzo(a)pyrene (C)

23.118min (-0.109) 1.39ng/ul

response 24172

Ion	Exp%	Act%
252.00	100	100
253.00	28.00	23.48
125.00	16.20	14.16
0.00	0.00	0.00

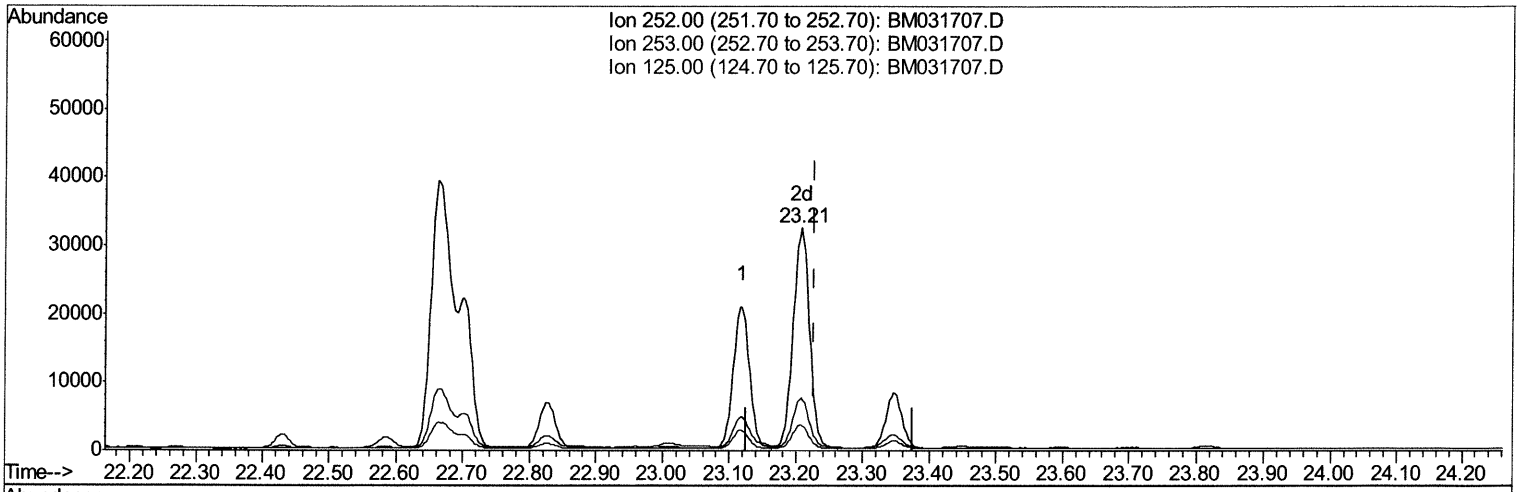
Quantitation Report (Qedit)

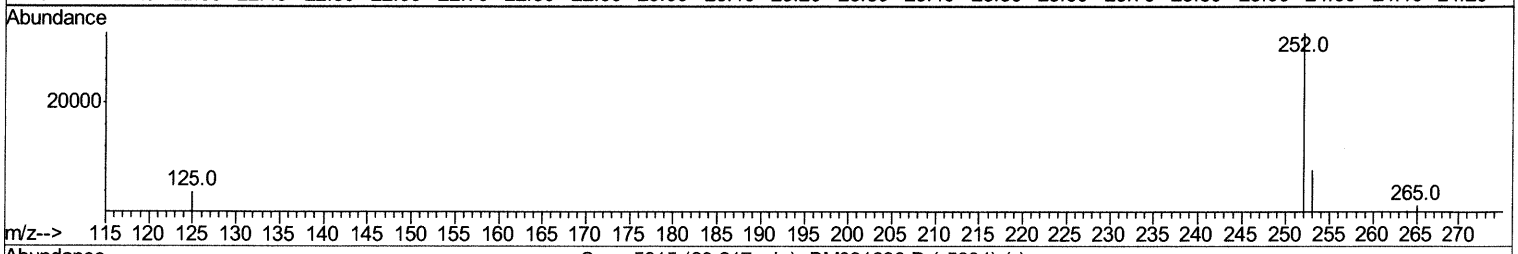
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031707.D
Acq On : 13 Aug 2021 10:12
Operator : CG/JU
Sample : M3182-20DL 5X
Misc :
ALS Vial : 39 Sample Multiplier: 1

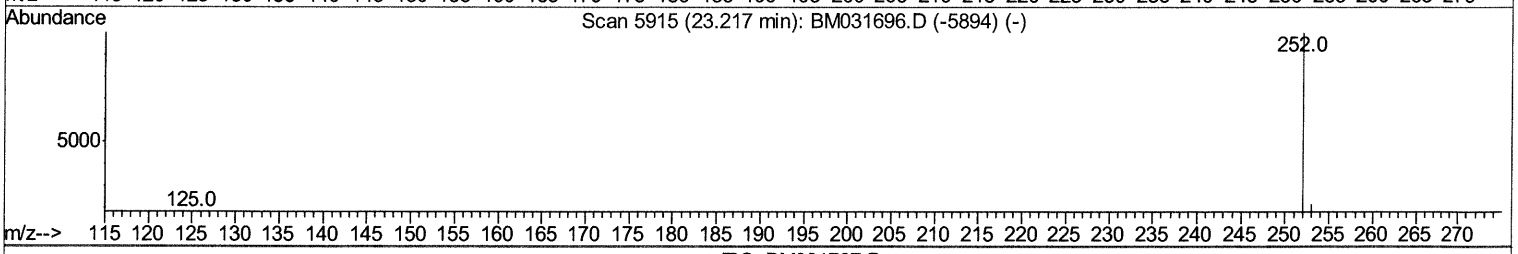
Quant Time: Aug 13 11:13:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00D8DL

Manual Integrations APPROVED
mohammad
8/13/2021 5:15:29 PM







TIC: BM031707.D

(26) Benzo(a)pyrene (C)

23.208min (-0.019) 3.33ng/ul m 08/16/21 JU

response 57791

Ion	Exp%	Act%
252.00	100	100
253.00	28.00	23.46
125.00	16.20	11.64#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031707.D
Acq On : 13 Aug 2021 10:12
Operator : CG/JU
Sample : M3182-20DL 5X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Aug 13 11:14:43 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 : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : C00D8DL

Manual Integrations APPROVED
mohammad
8/13/2021 5:15:29 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	1246	0.40	ng/ul	0.00
4) Naphthalene-d8	10.33	136	4636	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.20	164	2543	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.95	188	4919	0.40	ng/ul	-0.01
17) Chrysene-d12	21.15	240	4416	0.40	ng/ul	0.00
23) Perylene-d12	23.30	264	4397	0.40	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	592	0.43	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.93	152	257	0.03	ng/ul	0.00
18) Fluoranthene-d10	18.99	212	514	0.03	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.38	128	4118	0.298	ng/ul	99
7) 2-Methylnaphthalene	12.00	142	2424	0.257	ng/ul	98
8) 1-Methylnaphthalene	12.22	142	1794	0.192	ng/ul	99
10) Acenaphthylene	13.92	152	12907	1.192	ng/ul	99
11) Acenaphthene	14.27	153	1489	0.163	ng/ul	98
12) Fluorene	15.26	166	15123	1.442	ng/ul	99
15) Phenanthrene	16.99	178	171744	10.995	ng/ul	97
16) Anthracene	17.09	178	34483	2.358	ng/ul	98
19) Fluoranthene	19.02	202	231833	12.295	ng/ul	99
20) Pyrene	19.38	202	170648	8.922	ng/ul	98
21) Benzo(a)anthracene	21.13	228	75444	4.231	ng/ul	98
22) Chrysene	21.18	228	67730	3.671	ng/ul	98
24) Benzo(b)fluoranthene	22.66	252	84058m	4.243	ng/ul	
25) Benzo(k)fluoranthene	22.70	252	31007m	1.515	ng/ul	
26) Benzo(a)pyrene	23.21	252	57791m	3.331	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.43	276	35811	1.597	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.43	278	8343	0.462	ng/ul	93
29) Benzo(g,h,i)perylene	26.08	276	12506	0.654	ng/ul	97

08/16/21 JU

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