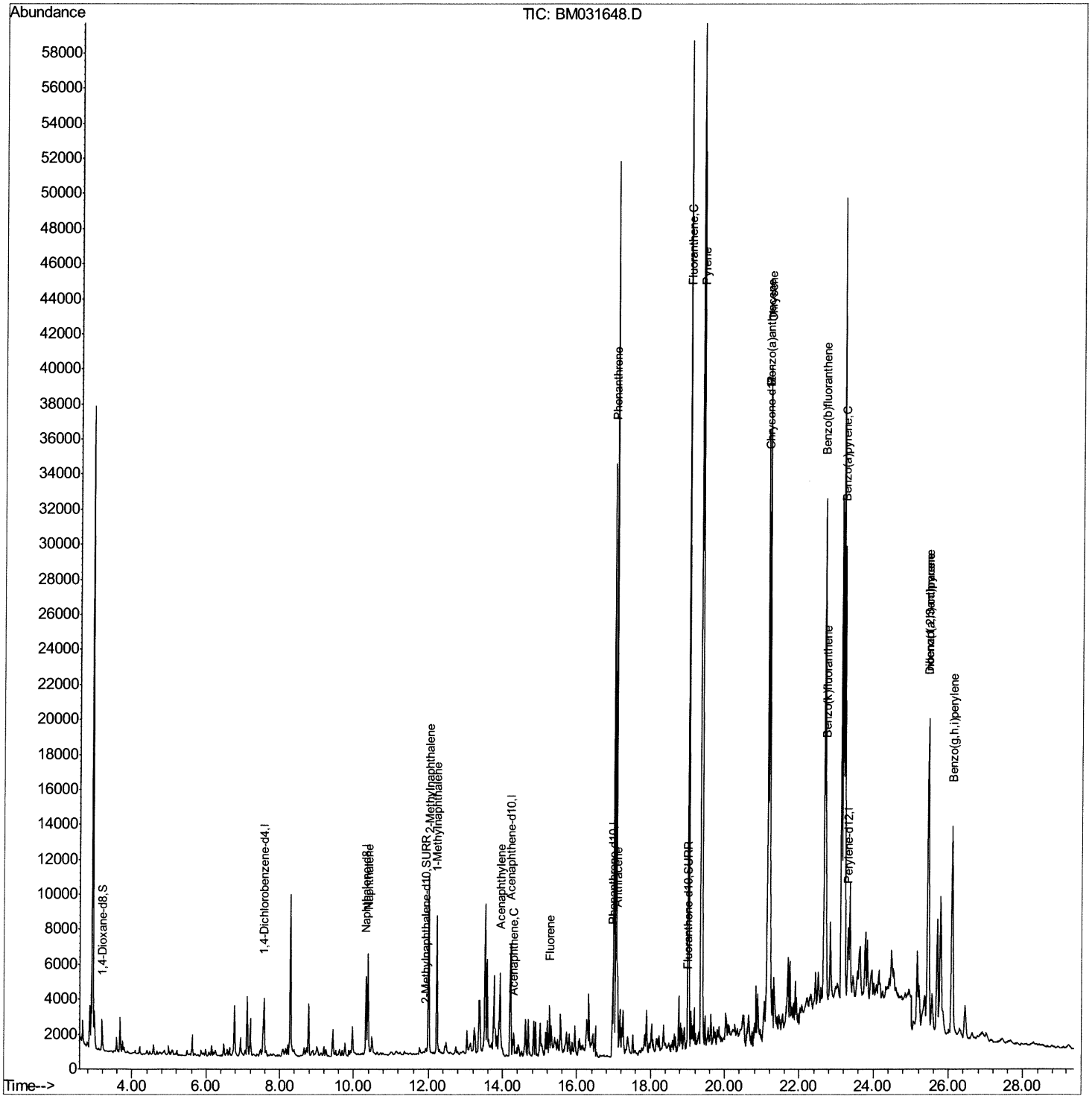
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
Data File : BM031648.D
Acq On : 10 Aug 2021 19:16
Operator : CG/JU
Sample : M3169-06DL 5X
Misc :
ALS Vial : 56 Sample Multiplier: 1

Quant Time: Aug 11 06:25:37 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 :
C00A5DL

Manual Integrations APPROVED
mohammad
8/11/2021 9:25:30 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
Data File : BM031648.D
Acq On : 10 Aug 2021 19:16
Operator : CG/JU
Sample : M3169-06DL 5X
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ALS Vial : 56 Sample Multiplier: 1

Quant Time: Aug 11 05:57:40 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
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Instrument :
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ClientSampleId :
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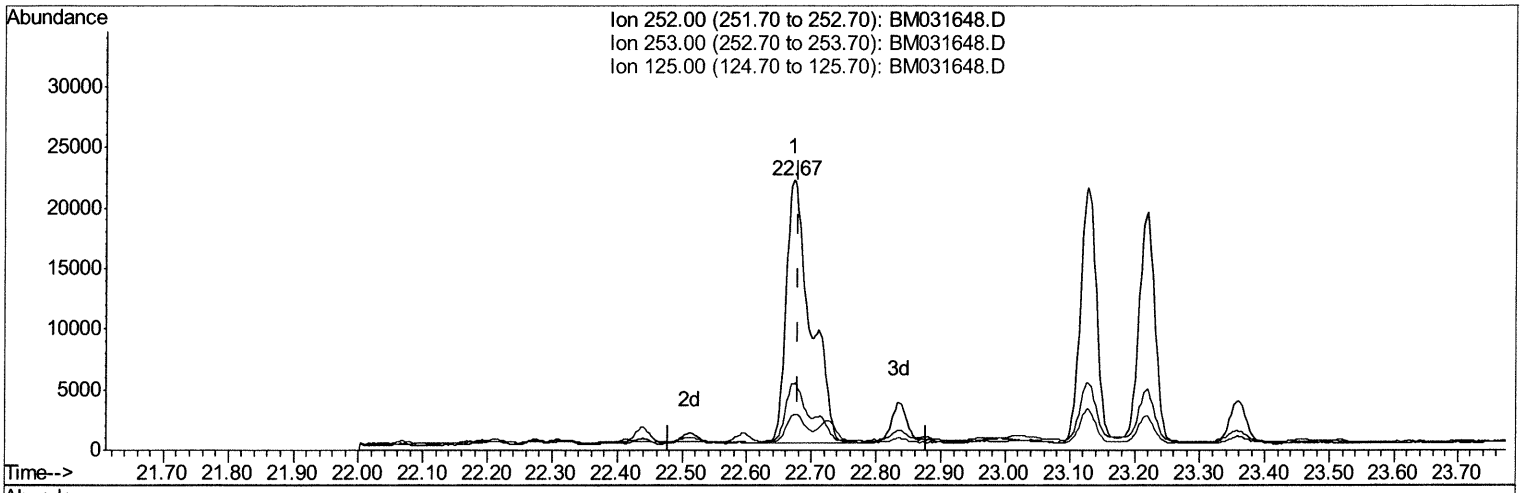
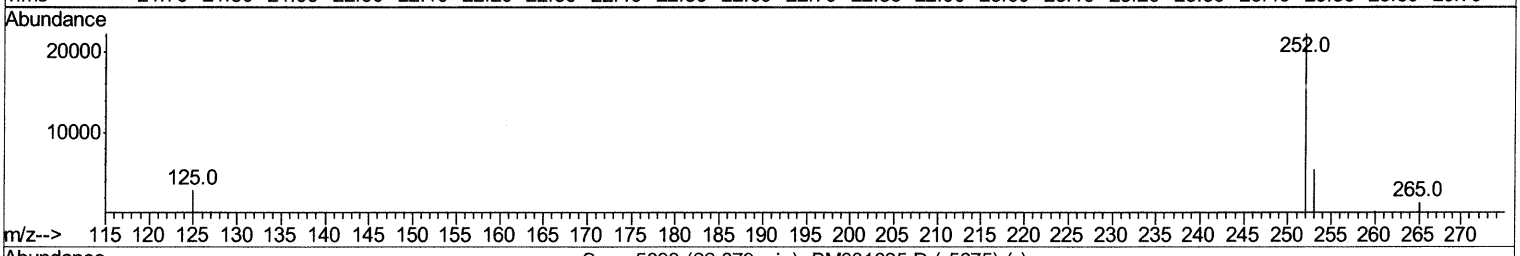
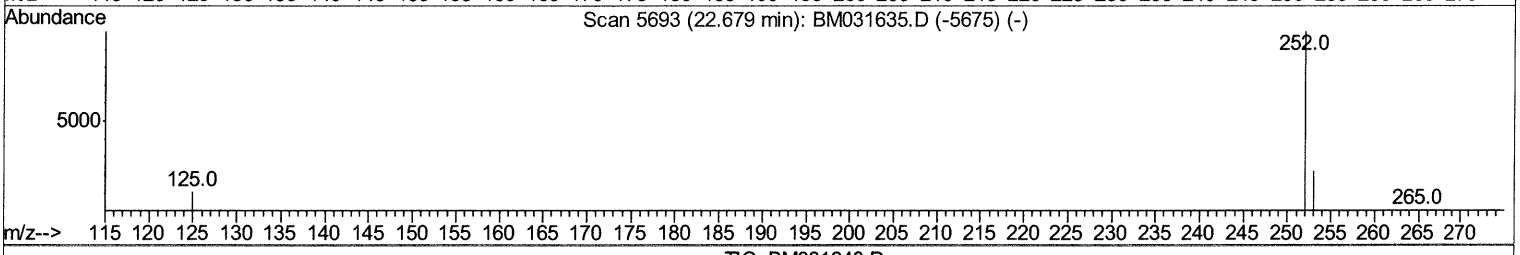
Manual Integrations APPROVED
mohammad
8/11/2021 9:25:30 PM







TIC: BM031648.D

(24) Benzo(b)fluoranthene

22.672min (-0.007) 2.44ng/ul

response 57342

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	24.78
125.00	11.40	13.21
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
Data File : BM031648.D
Acq On : 10 Aug 2021 19:16
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 10 18:36:58 2021
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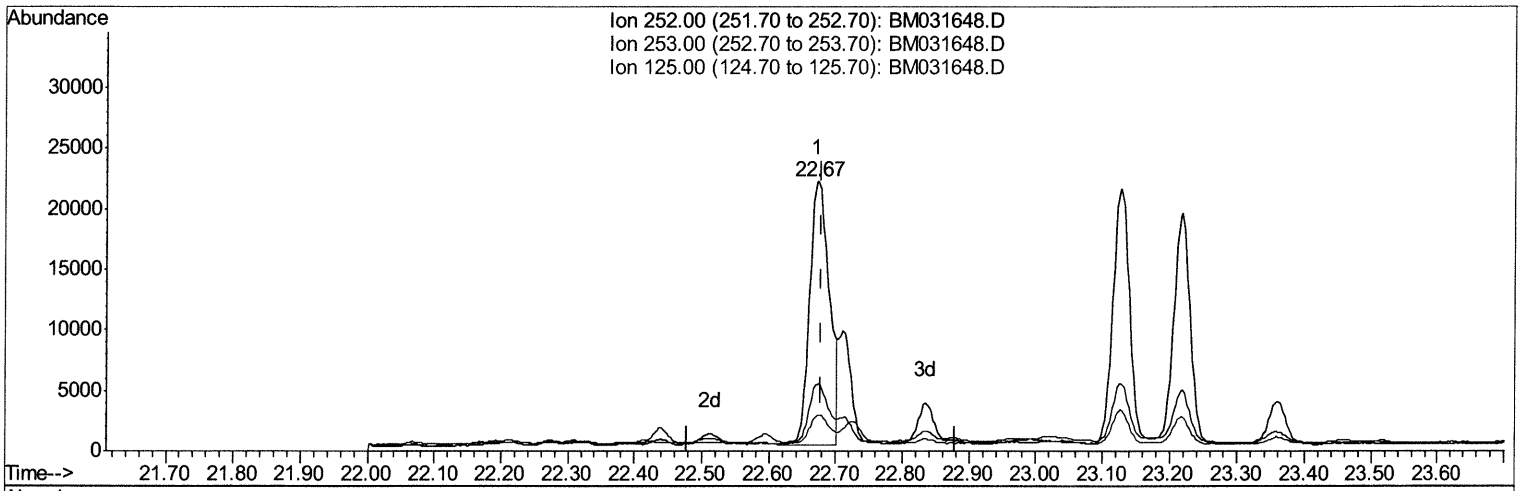
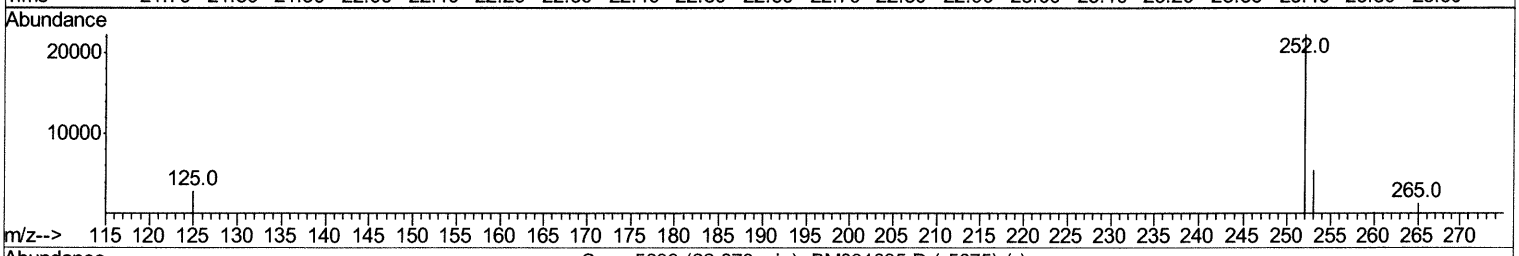
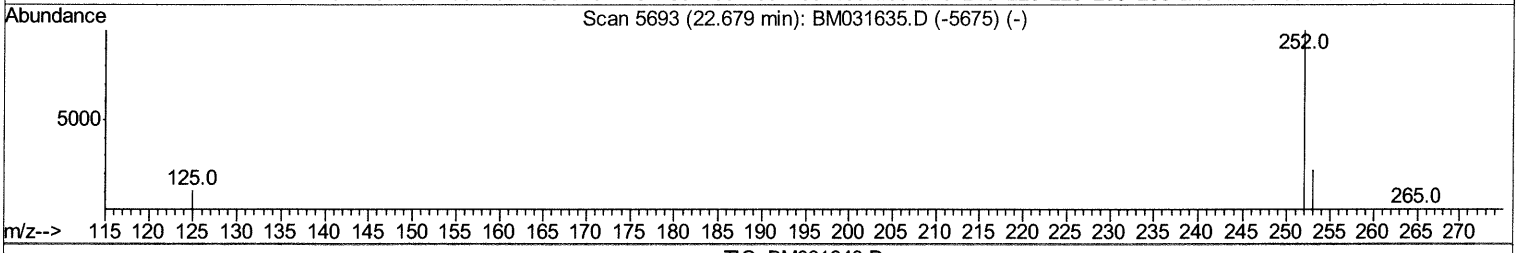
BNA_M
ClientSampleId :
C00A5DL

Manual Integrations APPROVED
mohammad
8/11/2021 9:25:30 PM







TIC: BM031648.D

(24) Benzo(b)fluoranthene

22.672min (-0.007) 1.90ng/ul m

response 44664

JU 8/12/21

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	24.78
125.00	11.40	13.21
0.00	0.00	0.00

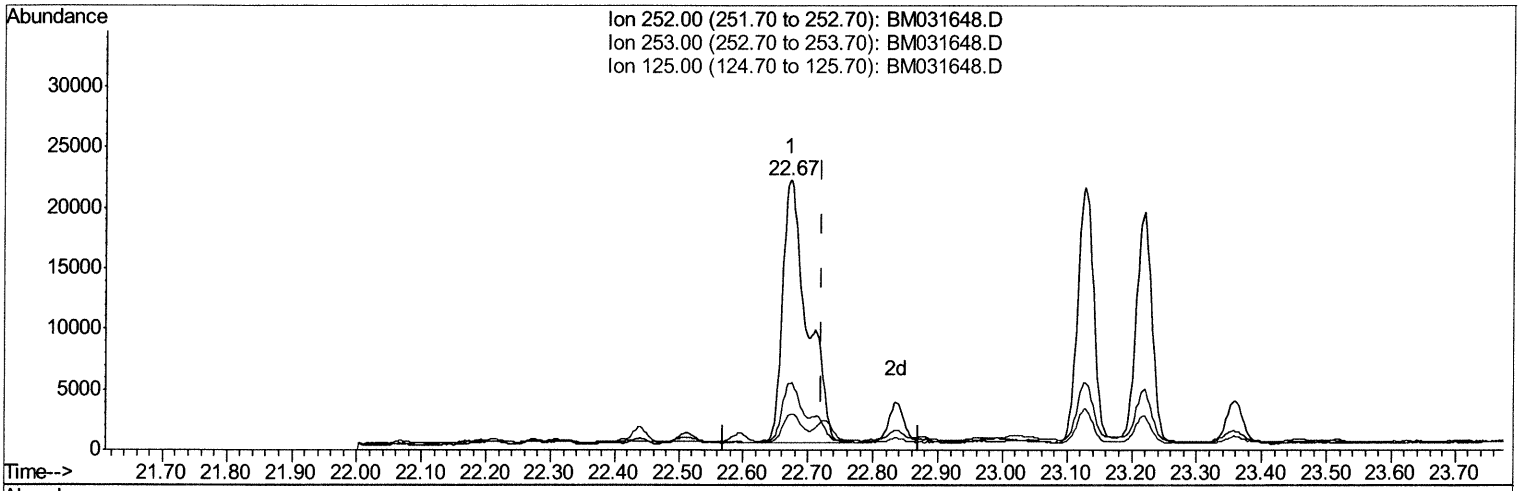
Quantitation Report (Qedit)

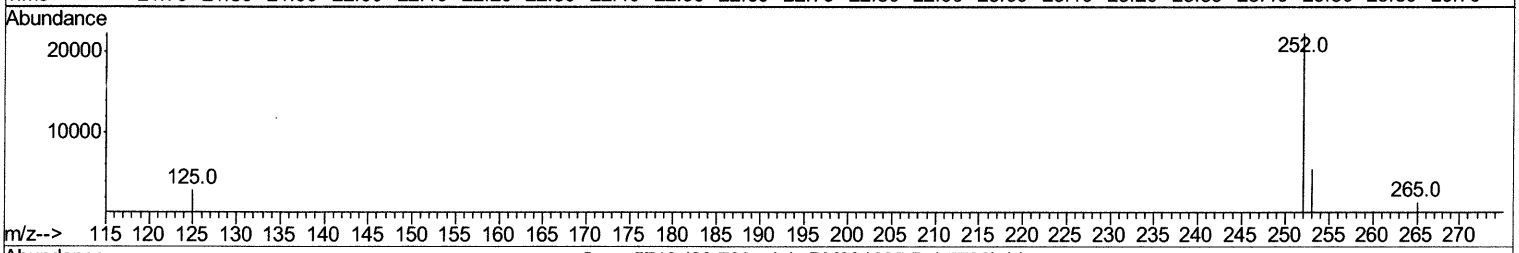
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
Data File : BM031648.D
Acq On : 10 Aug 2021 19:16
Operator : CG/JU
Sample : M3169-06DL 5X
Misc :
ALS Vial : 56 Sample Multiplier: 1

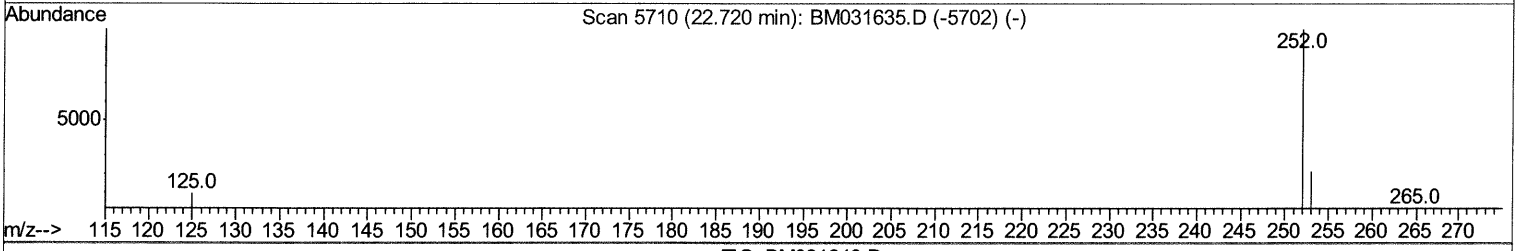
Quant Time: Aug 11 06:22:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 10 18:36:58 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00A5DL

Manual Integrations APPROVED
mohammad
8/11/2021 9:25:30 PM







TIC: BM031648.D

(25) Benzo(k)fluoranthene

22.672min (-0.048) 2.36ng/ul

response 57342

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	24.78
125.00	11.00	13.21#
0.00	0.00	0.00

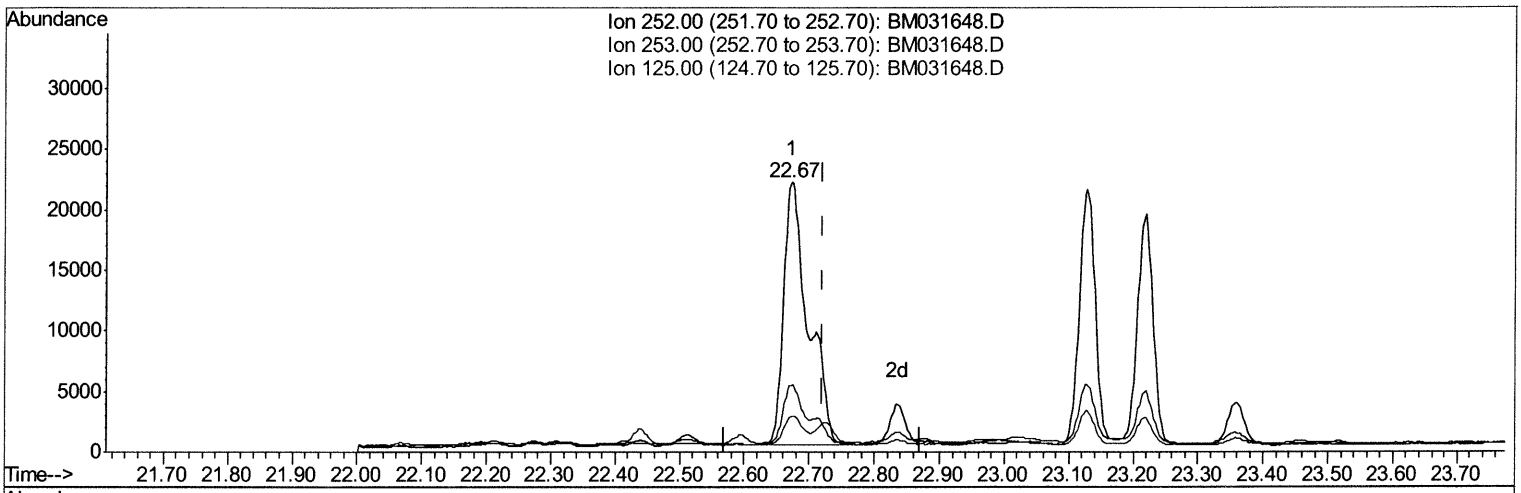
Quantitation Report (Qedit)

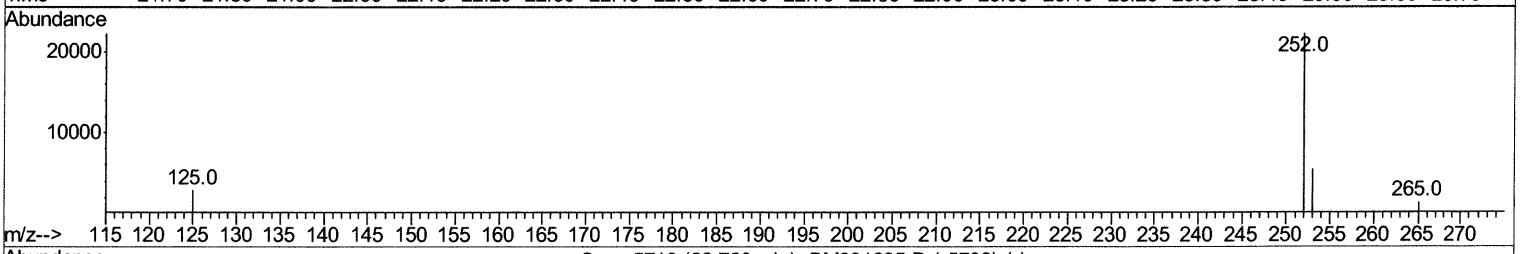
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
Data File : BM031648.D
Acq On : 10 Aug 2021 19:16
Operator : CG/JU
Sample : M3169-06DL 5X
Misc :
ALS Vial : 56 Sample Multiplier: 1

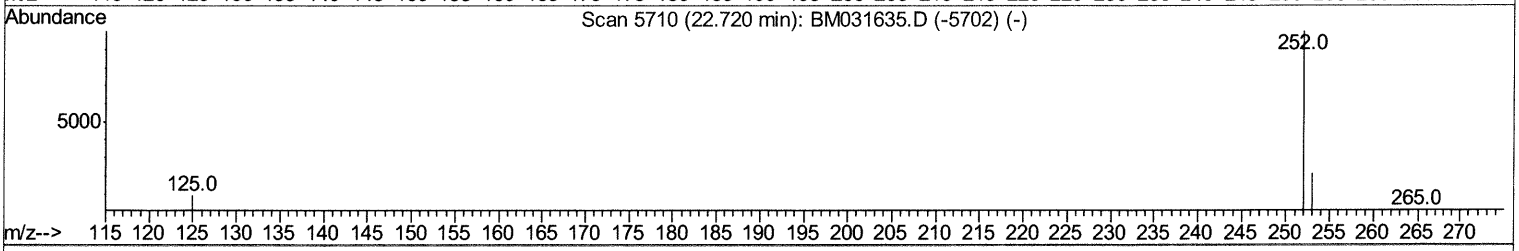
Quant Time: Aug 11 06:22:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 10 18:36:58 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00A5DL

Manual Integrations APPROVED
mohammad
8/11/2021 9:25:30 PM







TIC: BM031648.D

(25) Benzo(k)fluoranthene

22.672min (-0.048) 2.36ng/ul

response 57342

JU 8/17/21

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	24.78
125.00	11.00	13.21#
0.00	0.00	0.00

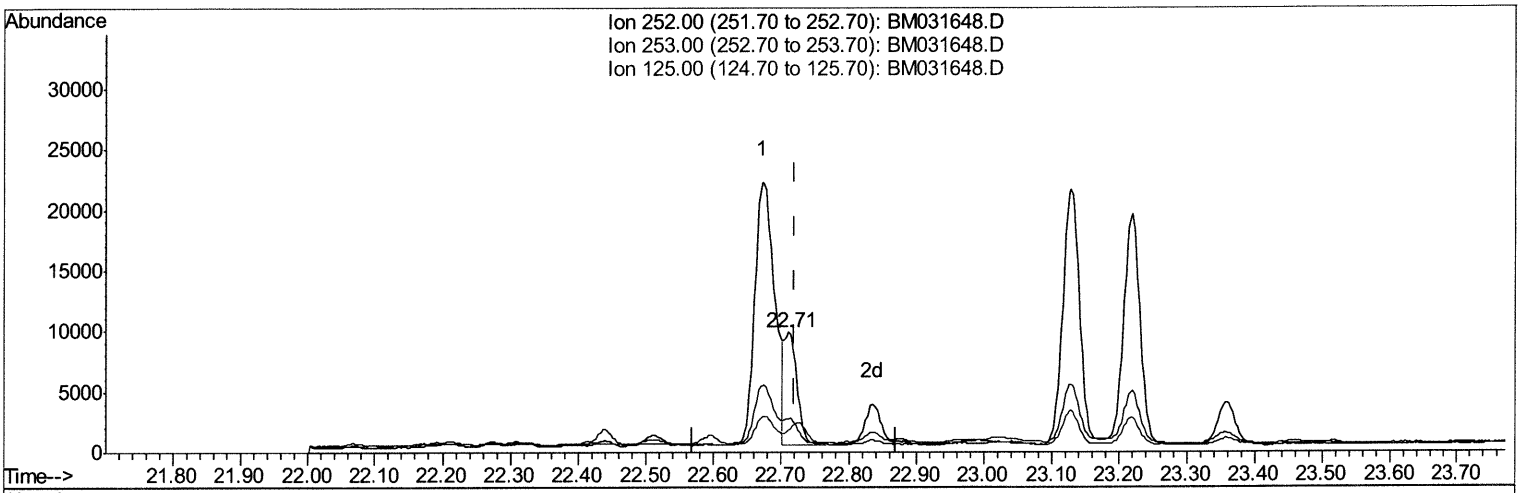
Quantitation Report (Qedit)

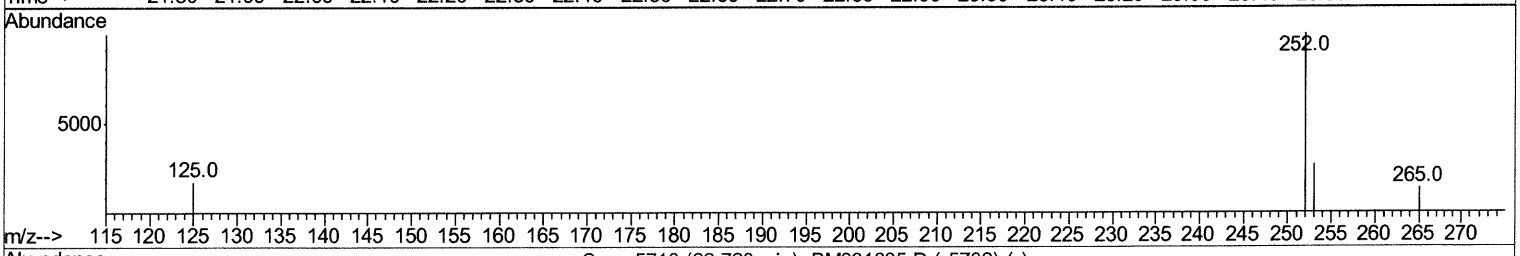
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
Data File : BM031648.D
Acq On : 10 Aug 2021 19:16
Operator : CG/JU
Sample : M3169-06DL 5X
Misc :
ALS Vial : 56 Sample Multiplier: 1

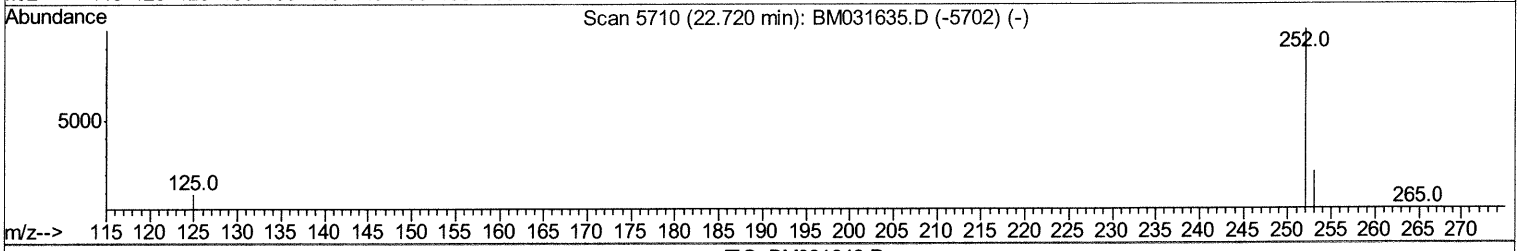
Quant Time: Aug 11 06:22:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 10 18:36:58 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00A5DL

Manual Integrations APPROVED
mohammad
8/11/2021 9:25:30 PM







TIC: BM031648.D

(25) Benzo(k)fluoranthene

22.711min (-0.010) 0.53ng/ul m

response 12811

JU 8/12/21

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	28.13
125.00	11.00	18.60#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
Data File : BM031648.D
Acq On : 10 Aug 2021 19:16
Operator : CG/JU
Sample : M3169-06DL 5X
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C00A5DL

Manual Integrations APPROVED
mohammad
8/11/2021 9:25:30 PM

Quant Time: Aug 11 06:25:37 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	1570	0.40 ng/ul	0.00
4) Naphthalene-d8	10.34	136	5805	0.40 ng/ul	0.00
9) Acenaphthene-d10	14.21	164	3282	0.40 ng/ul	0.00
13) Phenanthrene-d10	16.96	188	5967	0.40 ng/ul	0.00
17) Chrysene-d12	21.15	240	4889	0.40 ng/ul	0.00
23) Perylene-d12	23.31	264	5220	0.40 ng/ul	0.00
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.19	96	1176	0.67 ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.93	152	420	0.04 ng/ul	0.00
18) Fluoranthene-d10	18.99	212	798	0.05 ng/ul	0.00
Target Compounds					Qvalue
5) Naphthalene	10.39	128	7883	0.456 ng/ul	99
7) 2-Methylnaphthalene	12.01	142	7227	0.612 ng/ul	100
8) 1-Methylnaphthalene	12.23	142	5379	0.461 ng/ul	99
10) Acenaphthylene	13.93	152	4757	0.340 ng/ul	97
11) Acenaphthene	14.27	153	803	0.068 ng/ul#	92
12) Fluorene	15.27	166	1308	0.097 ng/ul#	77
15) Phenanthrene	17.00	178	35337	1.865 ng/ul	98
16) Anthracene	17.09	178	5562	0.314 ng/ul	97
19) Fluoranthene	19.02	202	47627	2.281 ng/ul	96
20) Pyrene	19.39	202	42202	1.993 ng/ul#	95
21) Benzo(a)anthracene	21.14	228	25614	1.297 ng/ul#	90
22) Chrysene	21.19	228	39578	1.938 ng/ul#	95
24) Benzo(b)fluoranthene	22.67	252	44664m	1.899 ng/ul	96
25) Benzo(k)fluoranthene	22.71	252	12811m	0.527 ng/ul	96
26) Benzo(a)pyrene	23.22	252	32426	1.574 ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.45	276	22480	0.844 ng/ul#	97
28) Dibenzo(a,h)anthracene	25.45	278	13110	0.611 ng/ul#	77
29) Benzo(g,h,i)perylene	26.10	276	23396	1.030 ng/ul	96

JU 8/12/21

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