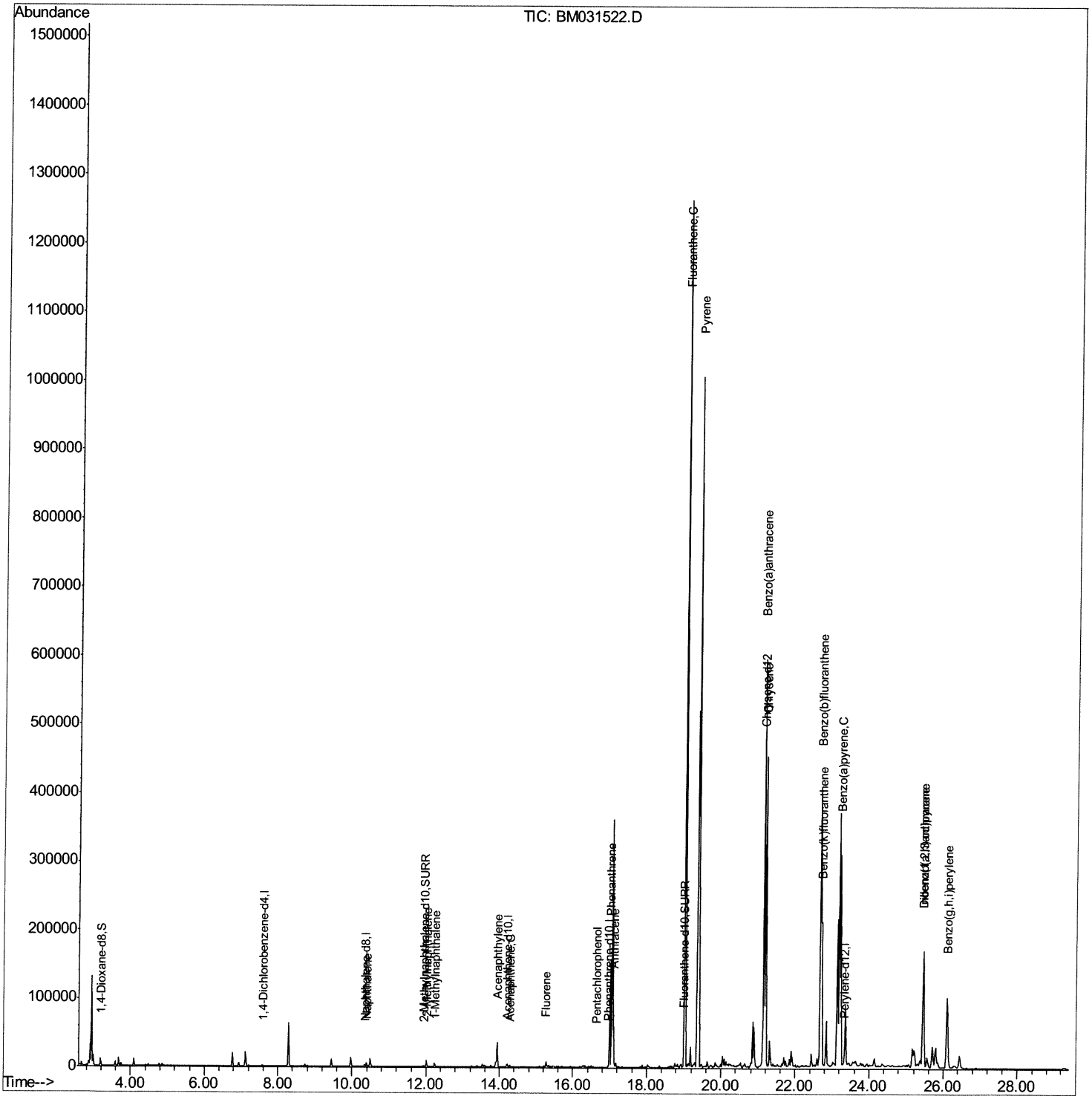
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031522.D
Acq On : 06 Aug 2021 19:05
Operator : CG/JU
Sample : M3124-12
Misc :
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Aug 07 03:16:29 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 : Sat Aug 07 03:01:15 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0093

Manual Integrations APPROVED
mohammad
8/9/2021 12:12:25 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031522.D
Acq On : 06 Aug 2021 19:05
Operator : CG/JU
Sample : M3124-12
Misc :
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Aug 07 03:08:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
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Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
mohammad
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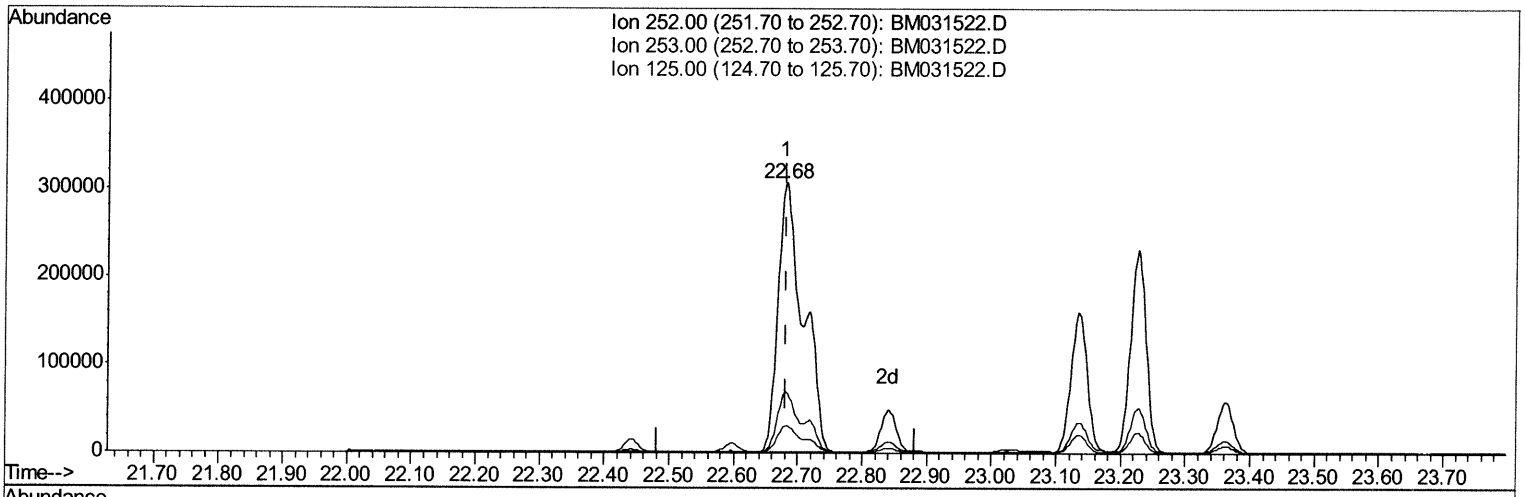

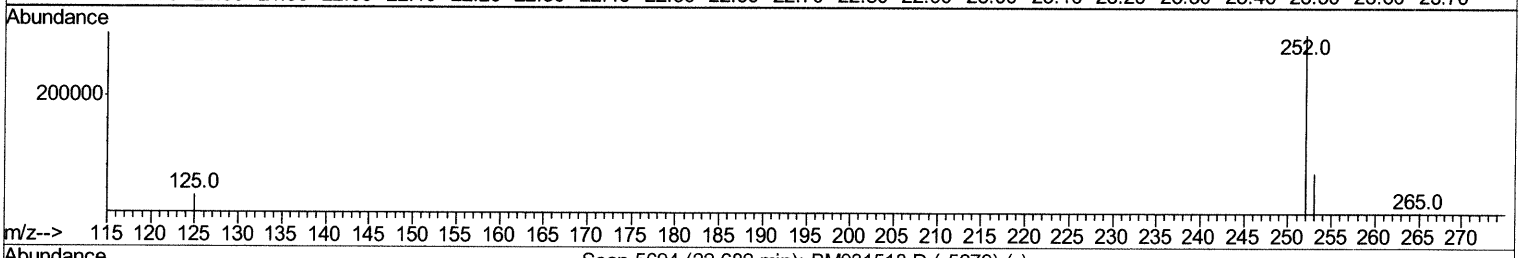

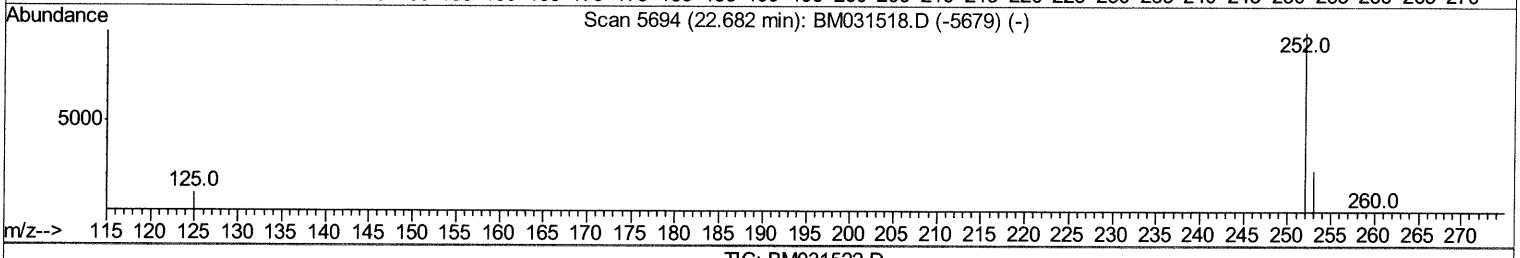

TIC: BM031522.D

(24) Benzo(b)fluoranthene

22.679min (-0.002) 38.16ng/ul

response 835269

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	22.55
125.00	11.40	9.88
0.00	0.00	0.00

Quantitation Report (Qedit)

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Instrument :
BNA_M
ClientSampleId :
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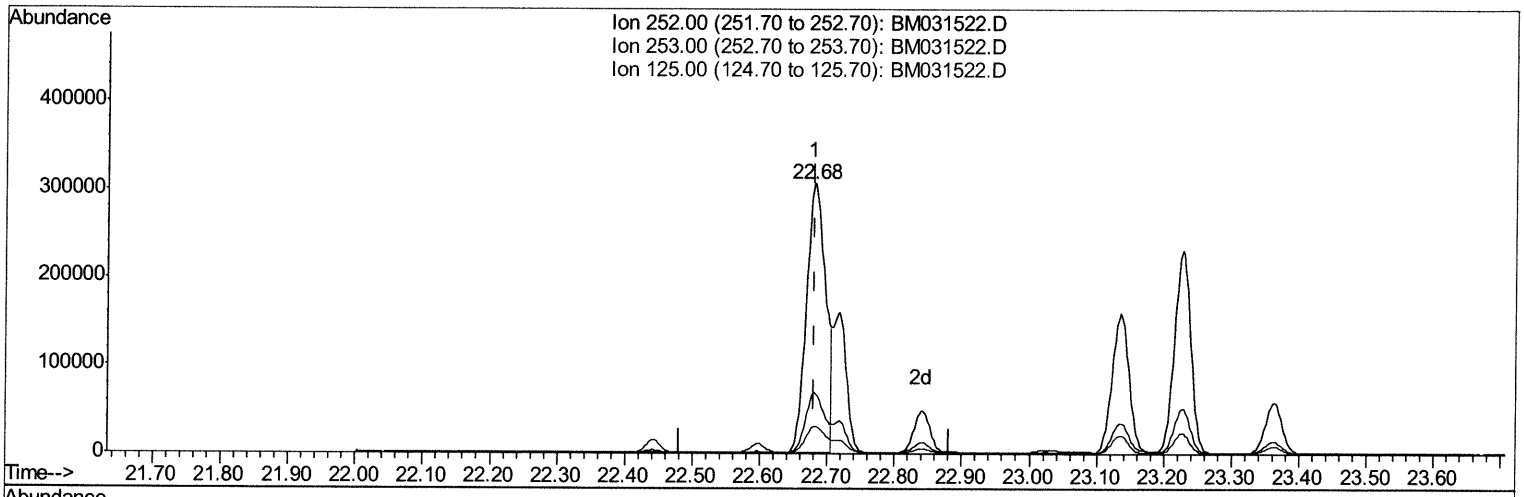
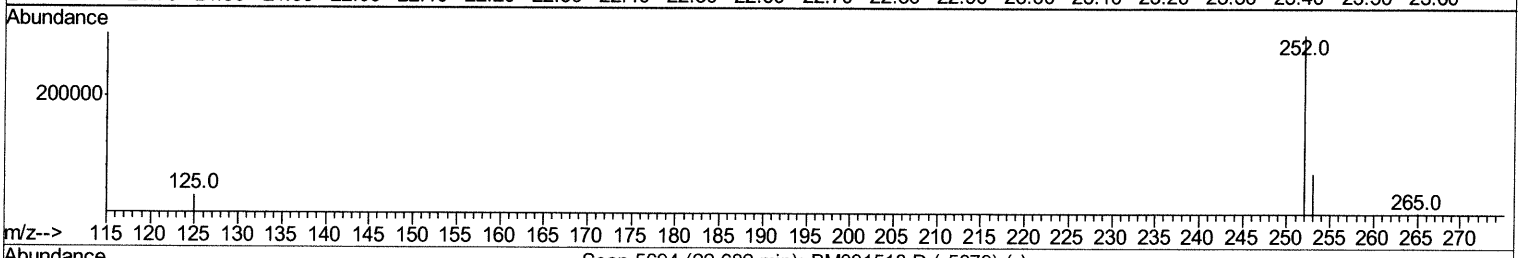
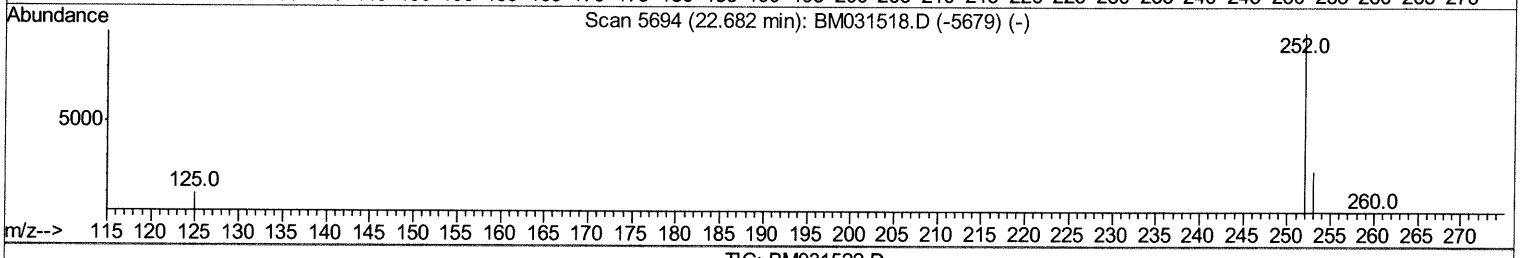
Manual Integrations APPROVED
mohammad
8/9/2021 12:12:25 PM







TIC: BM031522.D

(24) Benzo(b)fluoranthene

22.679min (-0.002) 28.05ng/ul m JU 8/11/21

response 613977

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	22.55
125.00	11.40	9.88
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031522.D
Acq On : 06 Aug 2021 19:05
Operator : CG/JU
Sample : M3124-12
Misc :
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Aug 07 03:08:09 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 : Sat Aug 07 03:01:15 2021
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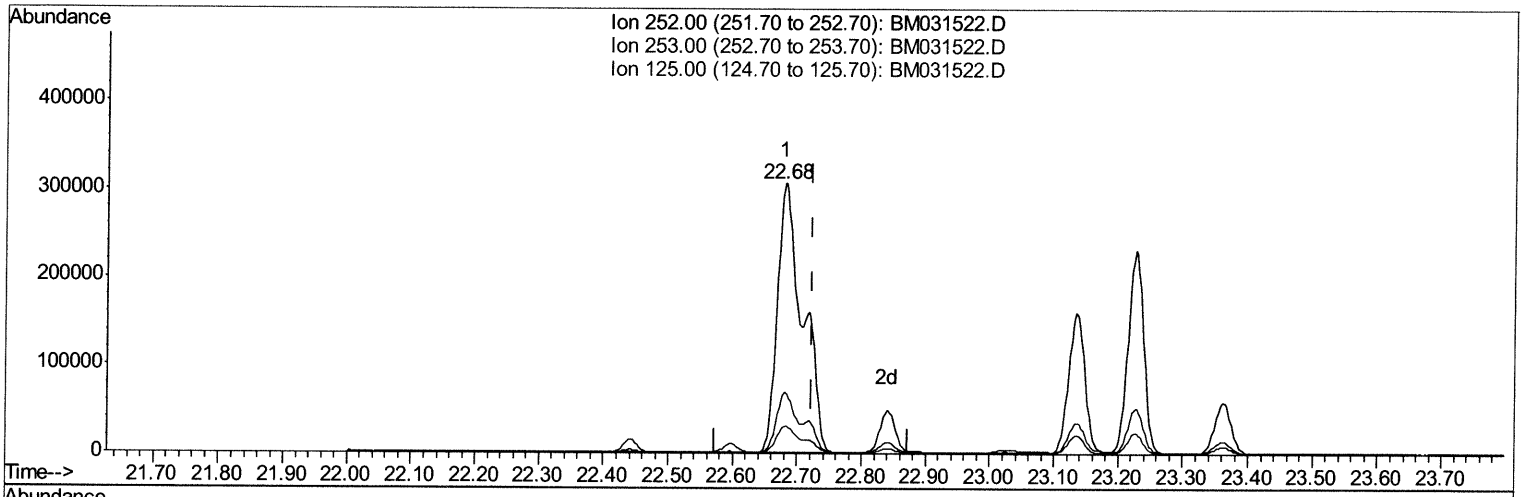
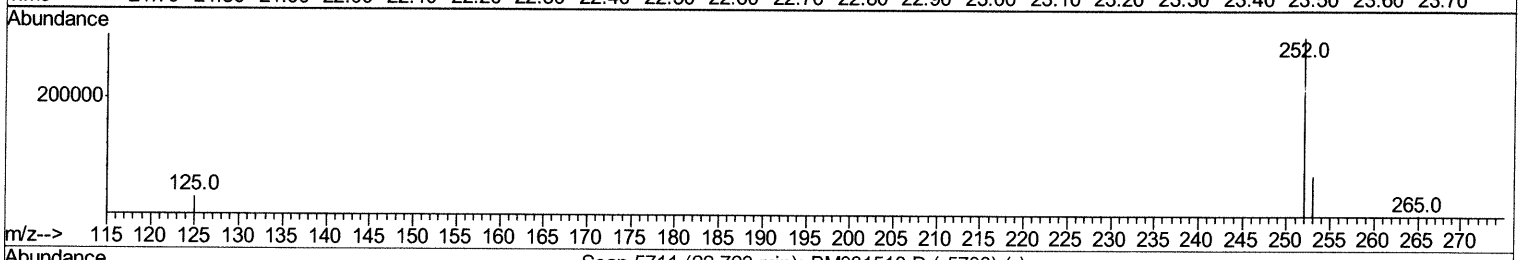
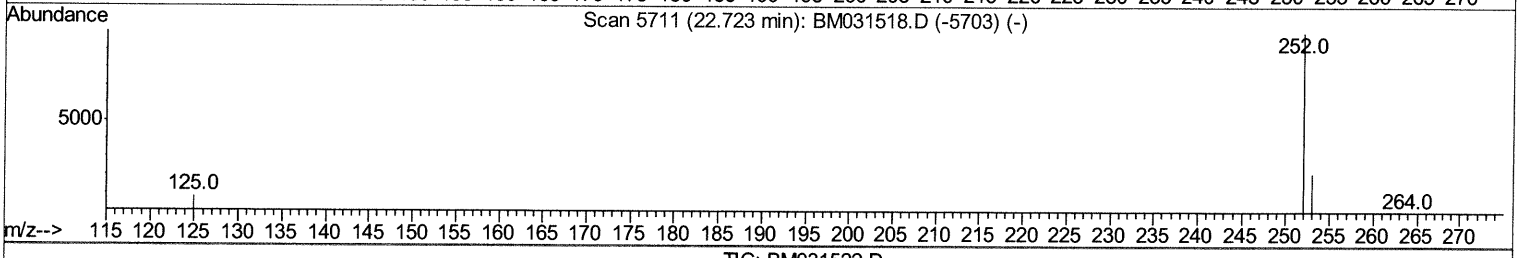
Instrument :
BNA_M
ClientSampleId :
C0093

Manual Integrations APPROVED
mohammad
8/9/2021 12:12:25 PM







TIC: BM031522.D

(25) Benzo(k)fluoranthene

22.679min (-0.043) 36.94ng/ul

response 835269

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	22.55
125.00	11.00	9.88
0.00	0.00	0.00

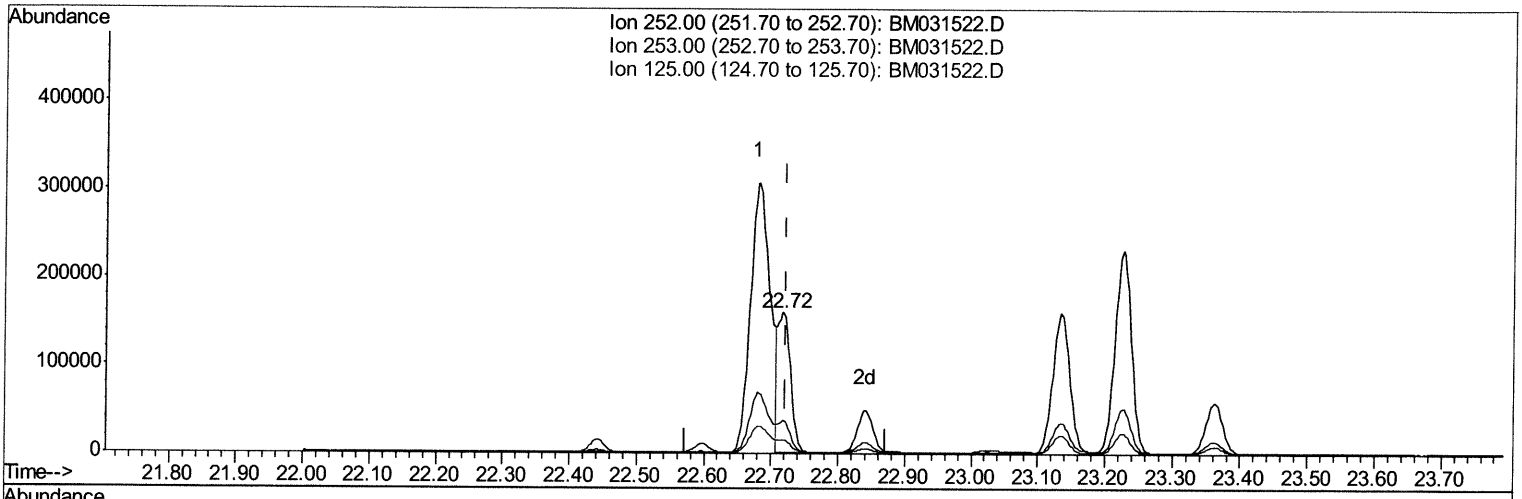
Quantitation Report (Qedit)

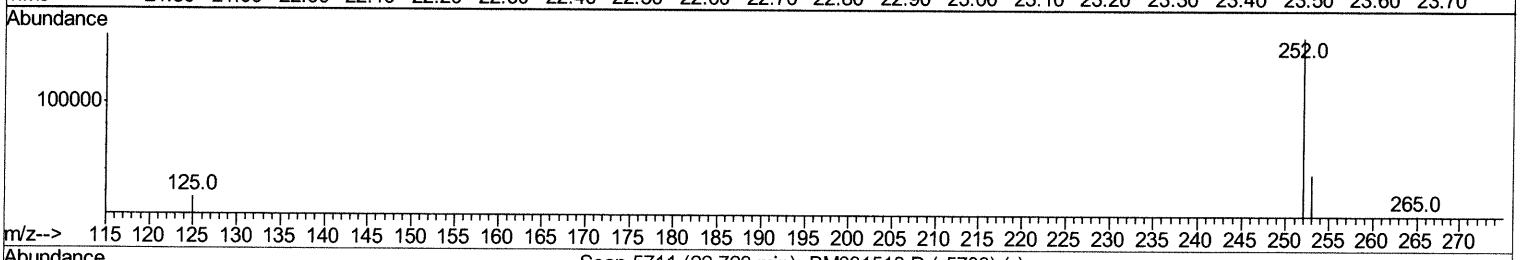
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031522.D
Acq On : 06 Aug 2021 19:05
Operator : CG/JU
Sample : M3124-12
Misc :
ALS Vial : 48 Sample Multiplier: 1

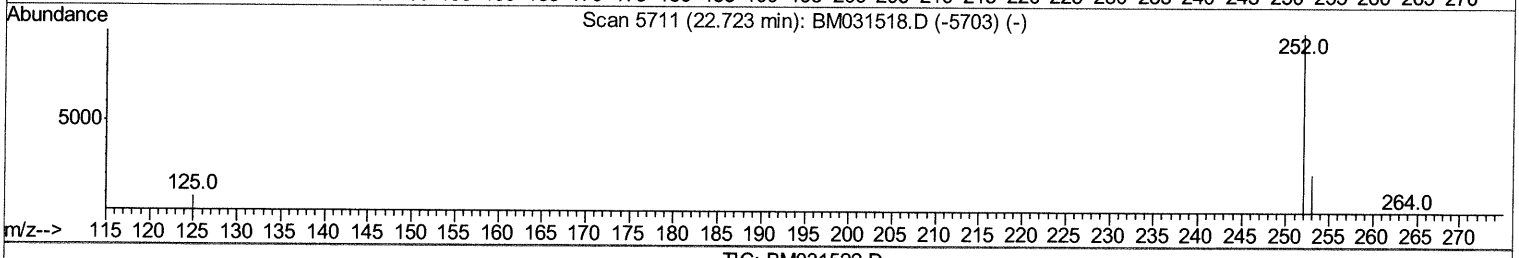
Quant Time: Aug 07 03:08:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 07 03:01:15 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0093

Manual Integrations APPROVED
mohammad
8/9/2021 12:12:25 PM







TIC: BM031522.D

(25) Benzo(k)fluoranthene

22.718min (-0.005) 9.67ng/ul m

JU 8/11/21

response 218631

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	23.34
125.00	11.00	9.91
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031522.D
Acq On : 06 Aug 2021 19:05
Operator : CG/JU
Sample : M3124-12
Misc :
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Aug 07 03:08:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
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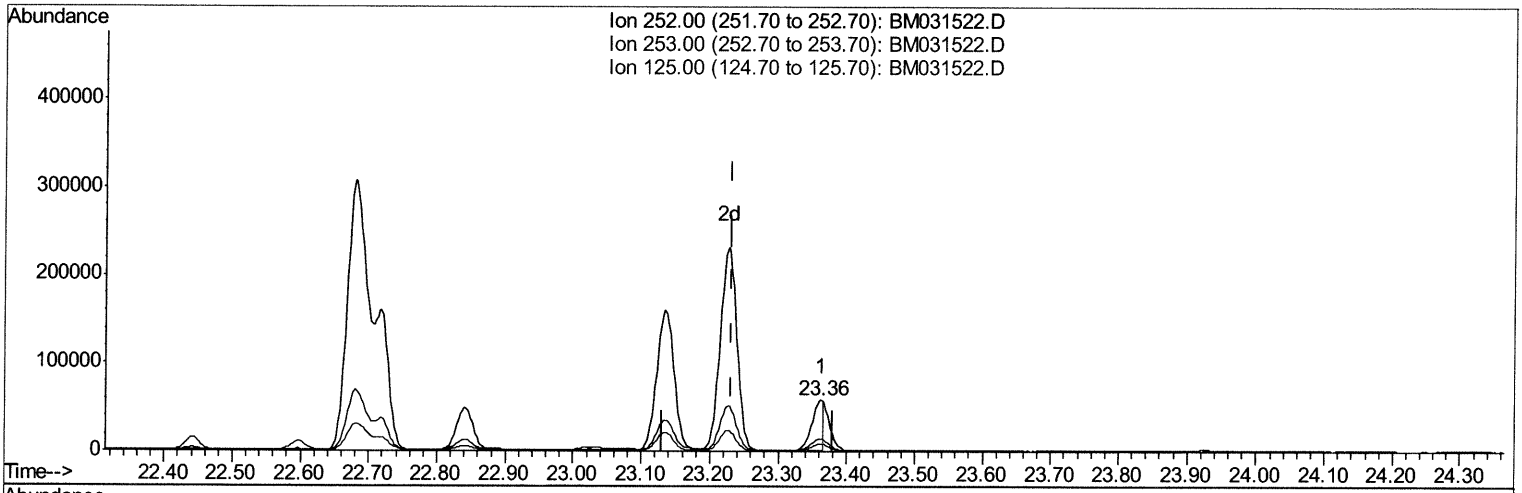
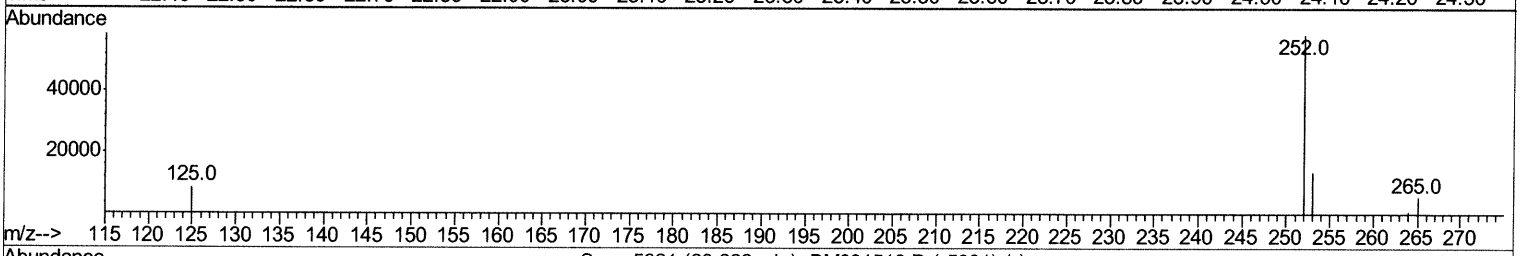
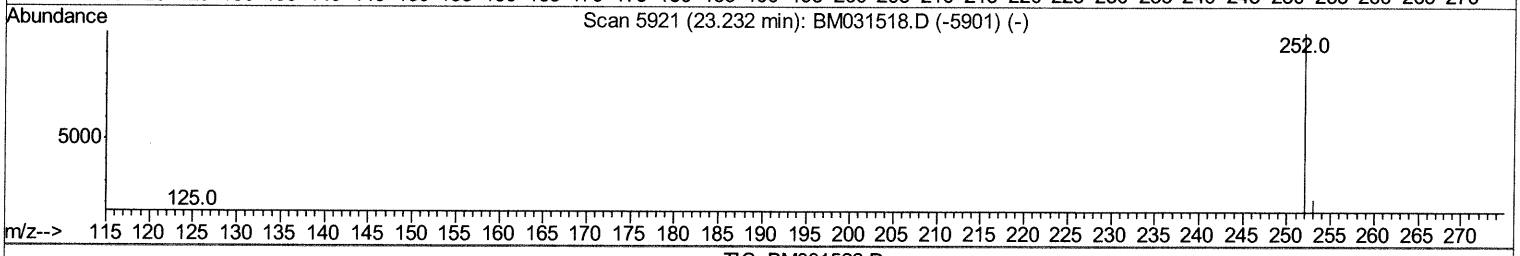
Instrument :
BNA_M
ClientSampleId :
C0093

Manual Integrations APPROVED
mohammad
8/9/2021 12:12:25 PM







TIC: BM031522.D

(26) Benzo(a)pyrene (C)

23.363min (+0.131) 3.34ng/ul

response 64059

Ion	Exp%	Act%
252.00	100	100
253.00	28.00	23.91
125.00	16.20	14.78
0.00	0.00	0.00

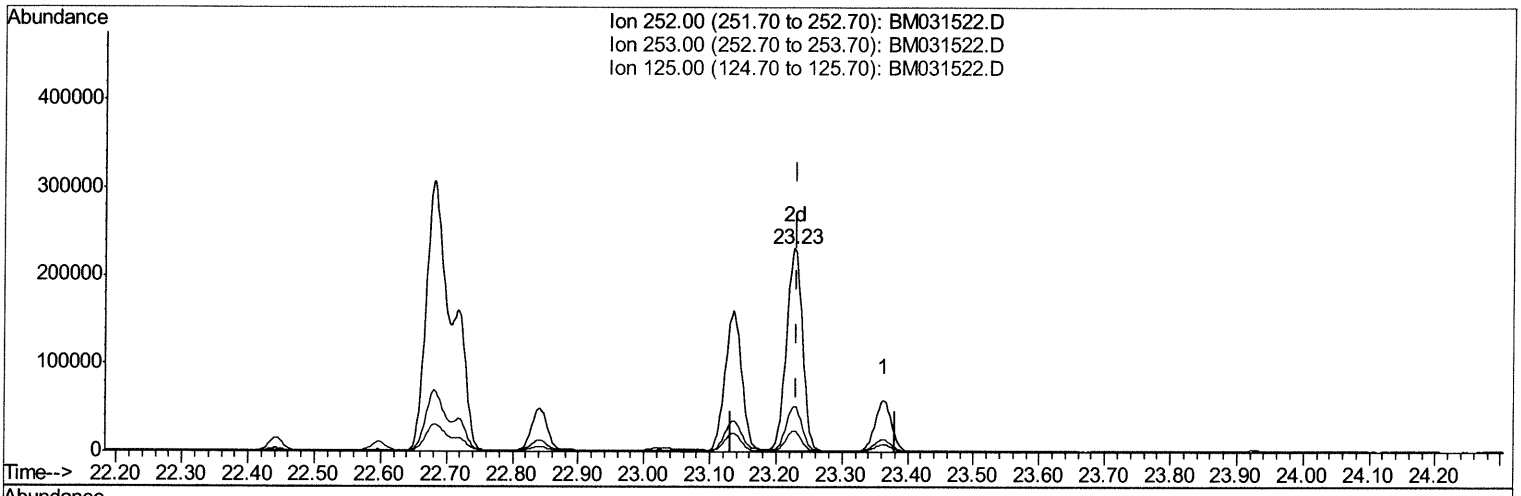
Quantitation Report (Qedit)

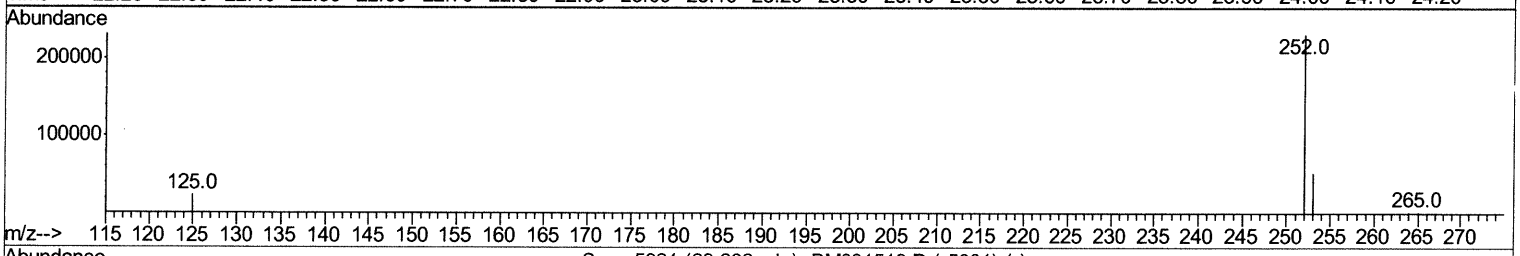
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031522.D
Acq On : 06 Aug 2021 19:05
Operator : CG/JU
Sample : M3124-12
Misc :
ALS Vial : 48 Sample Multiplier: 1

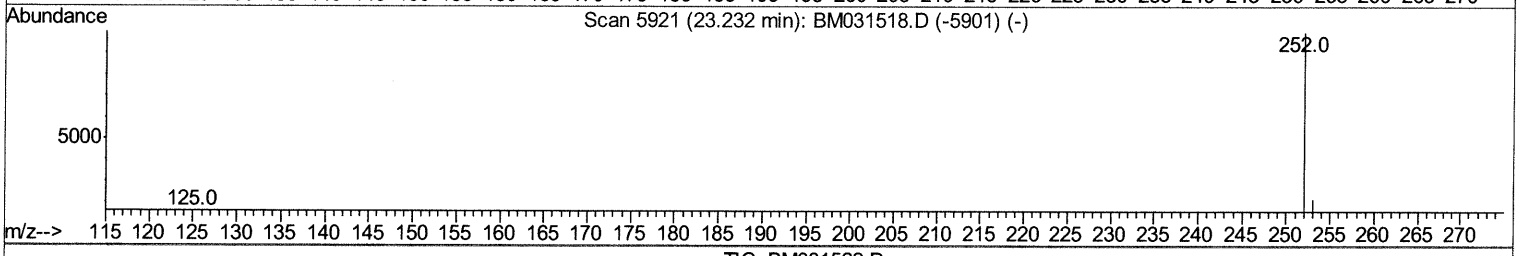
Quant Time: Aug 07 03:15:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 07 03:01:15 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0093

Manual Integrations APPROVED
mohammad
8/9/2021 12:12:25 PM







TIC: BM031522.D

(26) Benzo(a)pyrene (C)

23.227min (-0.005) 20.32ng/ul m

response 389456

Ion	Exp%	Act%
252.00	100	100
253.00	28.00	22.56
125.00	16.20	10.35#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Acq On : 06 Aug 2021 19:05
Operator : CG/JU
Sample : M3124-12
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0093

Manual Integrations APPROVED
mohammad
8/9/2021 12:12:25 PM

Quant Time: Aug 07 03:16:29 2021
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	1094	0.40	ng/ul	0.00
4) Naphthalene-d8	10.35	136	4100	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.22	164	2595	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.96	188	4852	0.40	ng/ul	0.00
17) Chrysene-d12	21.16	240	4525	0.40	ng/ul	0.00
23) Perylene-d12	23.32	264	4858	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	6989	5.75	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.94	152	2683	0.39	ng/ul	0.00
18) Fluoranthene-d10	19.00	212	6138	0.41	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.39	128	8212	0.672	ng/ul	99
7) 2-Methylnaphthalene	12.02	142	6558	0.786	ng/ul	100
8) 1-Methylnaphthalene	12.24	142	3908	0.474	ng/ul	100
10) Acenaphthylene	13.94	152	44042	3.985	ng/ul	98
11) Acenaphthene	14.28	153	2278	0.245	ng/ul	99
12) Fluorene	15.27	166	5904	0.552	ng/ul#	96
14) Pentachlorophenol	16.62	266	44	0.028	ng/ul#	83
15) Phenanthrene	17.01	178	161852	10.505	ng/ul	97
16) Anthracene	17.10	178	80344	5.570	ng/ul	98
19) Fluoranthene	19.03	202	1038212	53.732	ng/ul	97
20) Pyrene	19.39	202	847596	43.249	ng/ul	97
21) Benzo(a)anthracene	21.14	228	499135	27.317	ng/ul	98
22) Chrysene	21.20	228	444724	23.524	ng/ul	98
24) Benzo(b)fluoranthene	22.68	252	613977m	28.051	ng/ul	
25) Benzo(k)fluoranthene	22.72	252	218631m	9.668	ng/ul	
26) Benzo(a)pyrene	23.23	252	389456m	20.317	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.45	276	256241	10.341	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.46	278	64785	3.244	ng/ul	97
29) Benzo(g,h,i)perylene	26.11	276	205182	9.707	ng/ul	98

JU 8/11/21

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