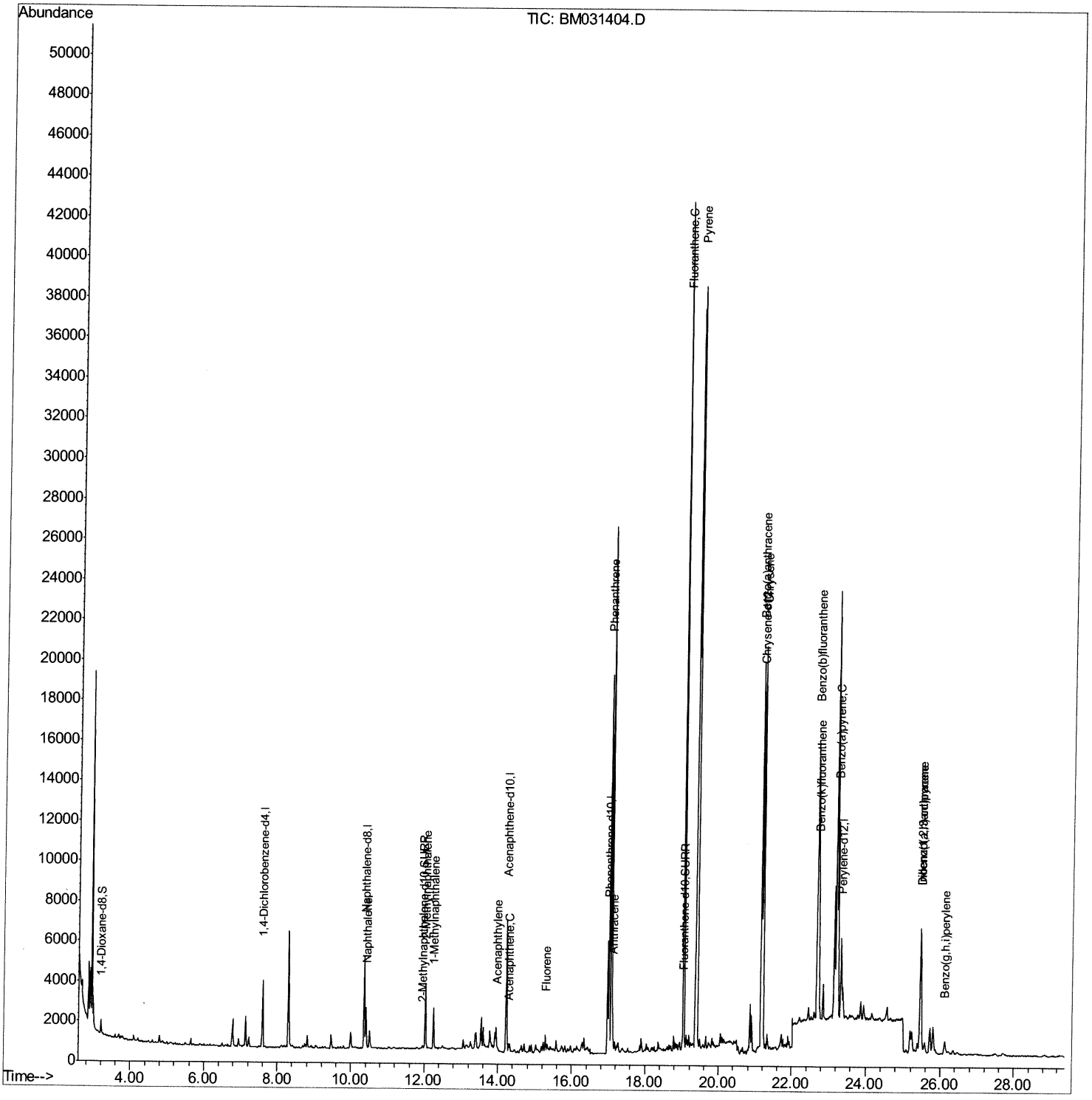
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031404.D
Acq On : 03 Aug 2021 09:15
Operator : CG/JU
Sample : M3123-18DL 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Aug 03 11:09:40 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 : Mon Aug 02 11:29:41 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0079DL

Manual Integrations APPROVED
mohammad
8/4/2021 3:47:27 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031404.D
Acq On : 03 Aug 2021 09:15
Operator : CG/JU
Sample : M3123-18DL 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Aug 03 11:04:43 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 : Mon Aug 02 11:29:41 2021
Response via : Initial Calibration

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ClientSampleId :
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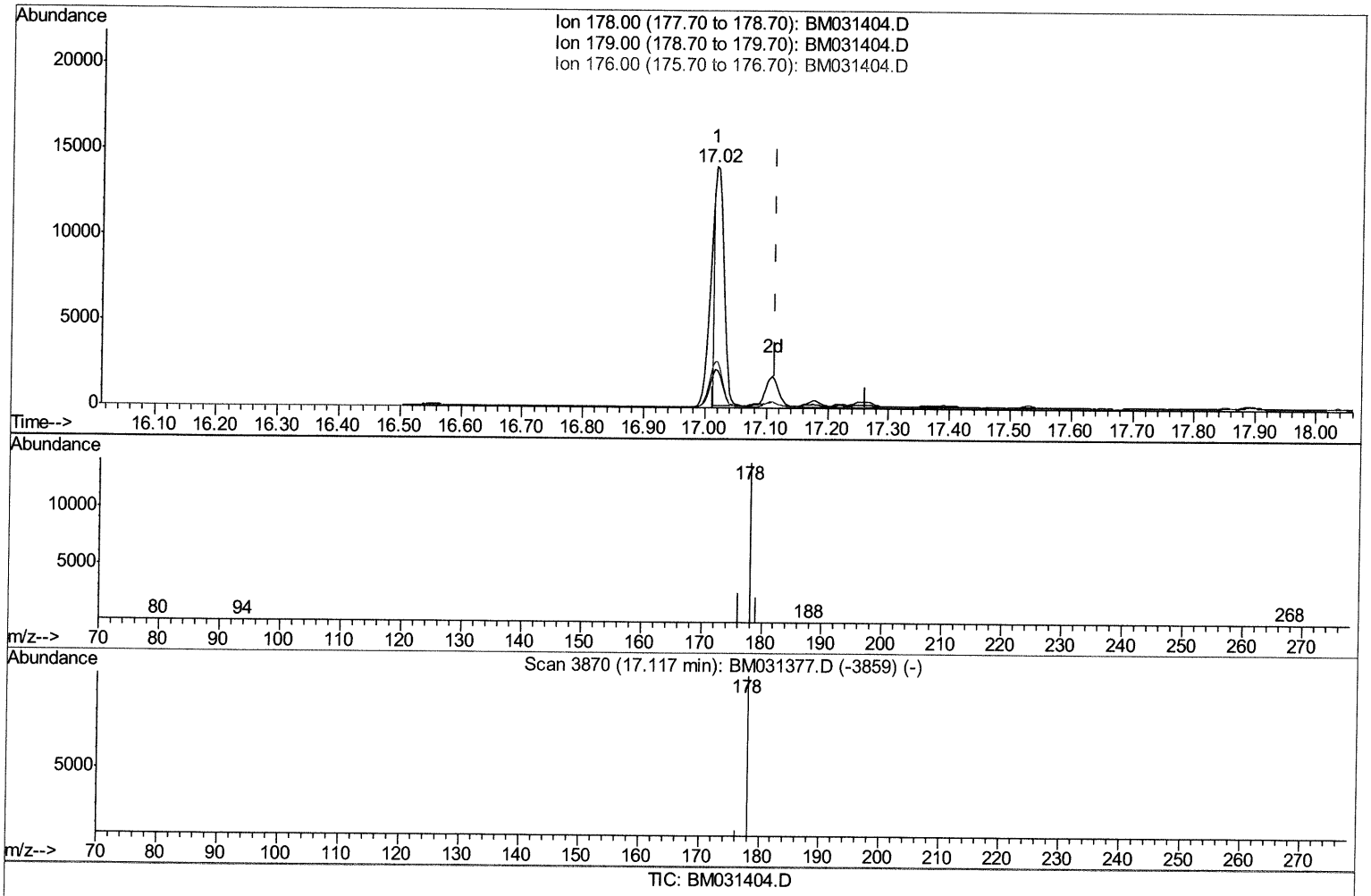
Manual Integrations APPROVED
mohammad
8/4/2021 3:47:27 PM



TIC: BM031404.D

(16) Anthracene

17.016min (-0.097) 0.63ng/ul

response 12608

Ion	Exp%	Act%
178.00	100	100
179.00	16.30	15.82
176.00	19.50	18.99
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
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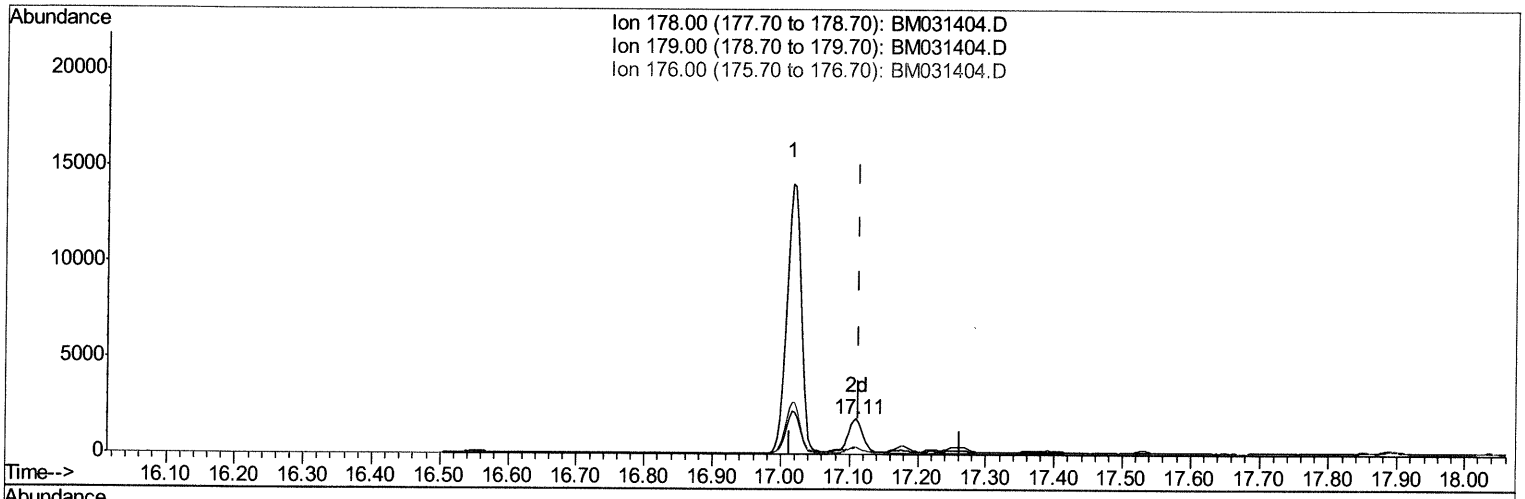
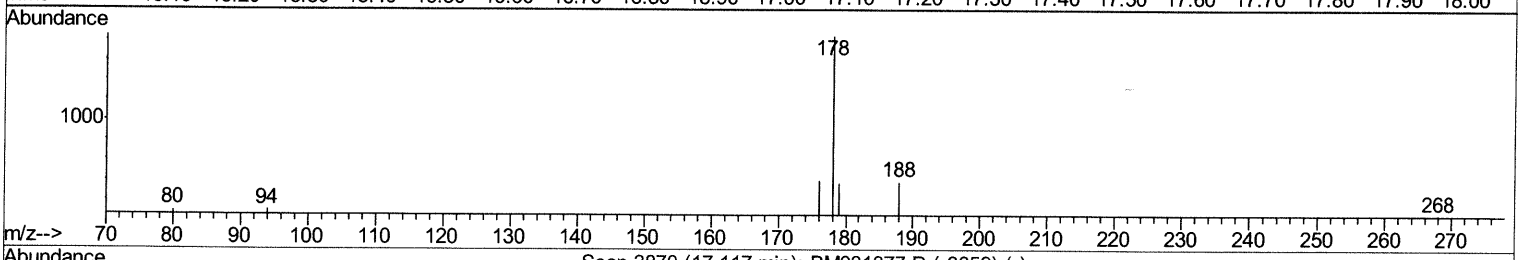
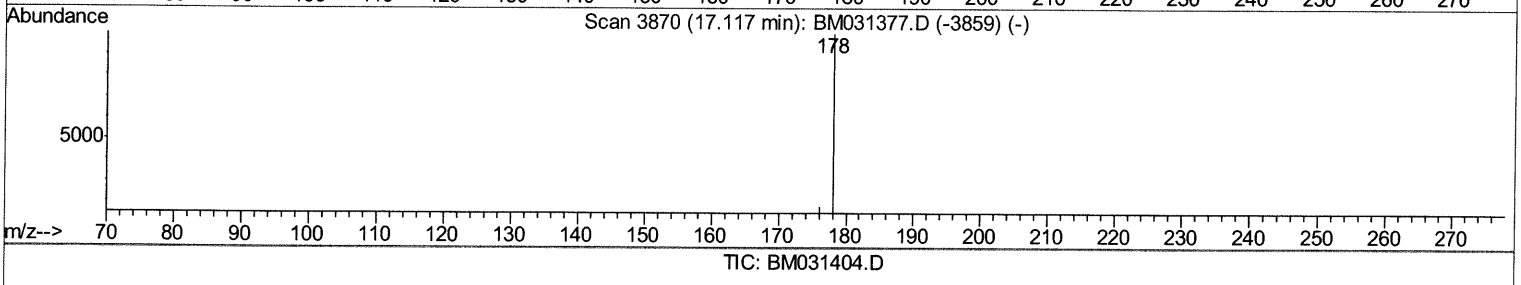
Manual Integrations APPROVED
mohammad
8/4/2021 3:47:27 PM







TIC: BM031404.D

(16) Anthracene

17.110min (-0.004) 0.15ng/ul m 08/06/21 JU

response 3069

Ion	Exp%	Act%
178.00	100	100
179.00	16.30	20.11#
176.00	19.50	21.57
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031404.D
Acq On : 03 Aug 2021 09:15
Operator : CG/JU
Sample : M3123-18DL 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Aug 03 11:04:43 2021
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QLast Update : Mon Aug 02 11:29:41 2021
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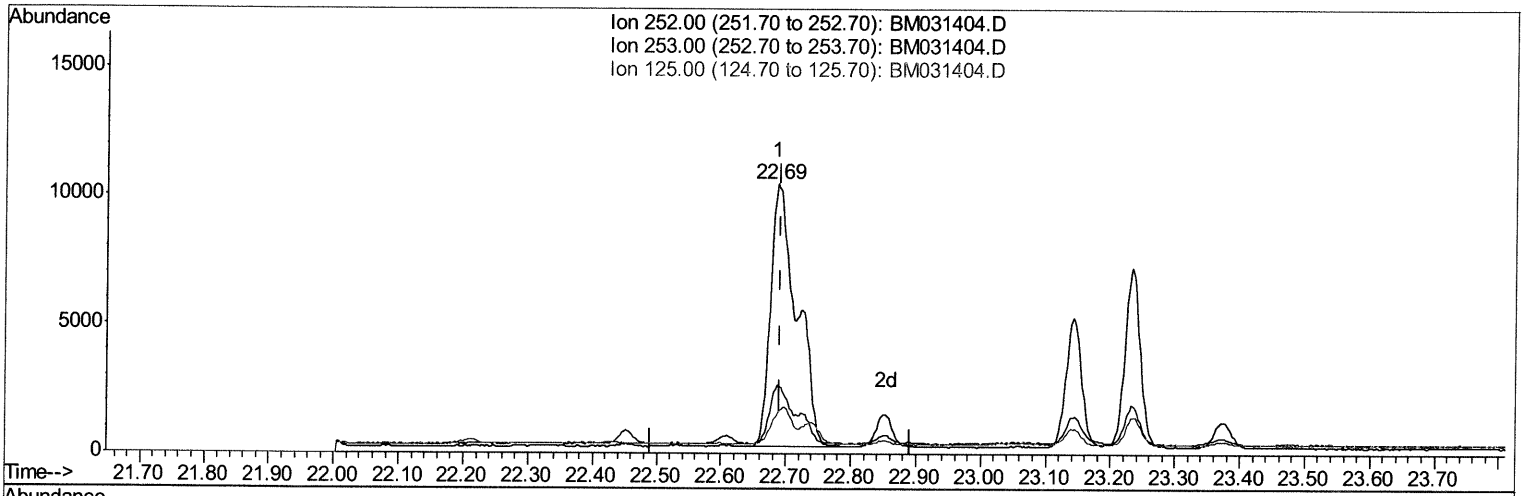
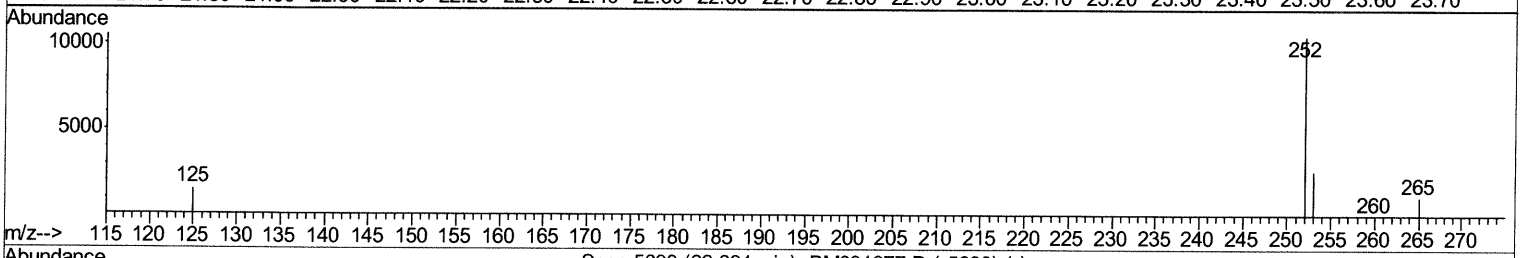
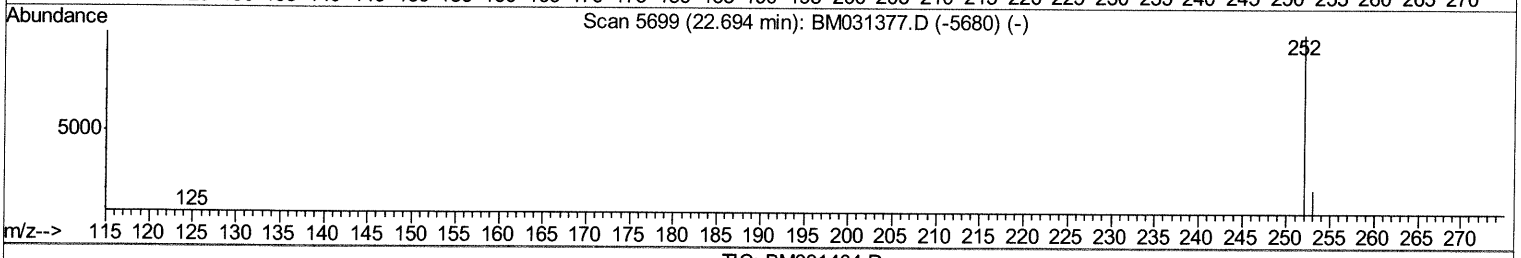
Instrument :
BNA_M
ClientSampleId :
C0079DL

Manual Integrations APPROVED
mohammad
8/4/2021 3:47:27 PM







TIC: BM031404.D

(24) Benzo(b)fluoranthene

22.686min (-0.005) 1.32ng/ul

response 28889

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	25.26
125.00	11.40	14.70
0.00	0.00	0.00

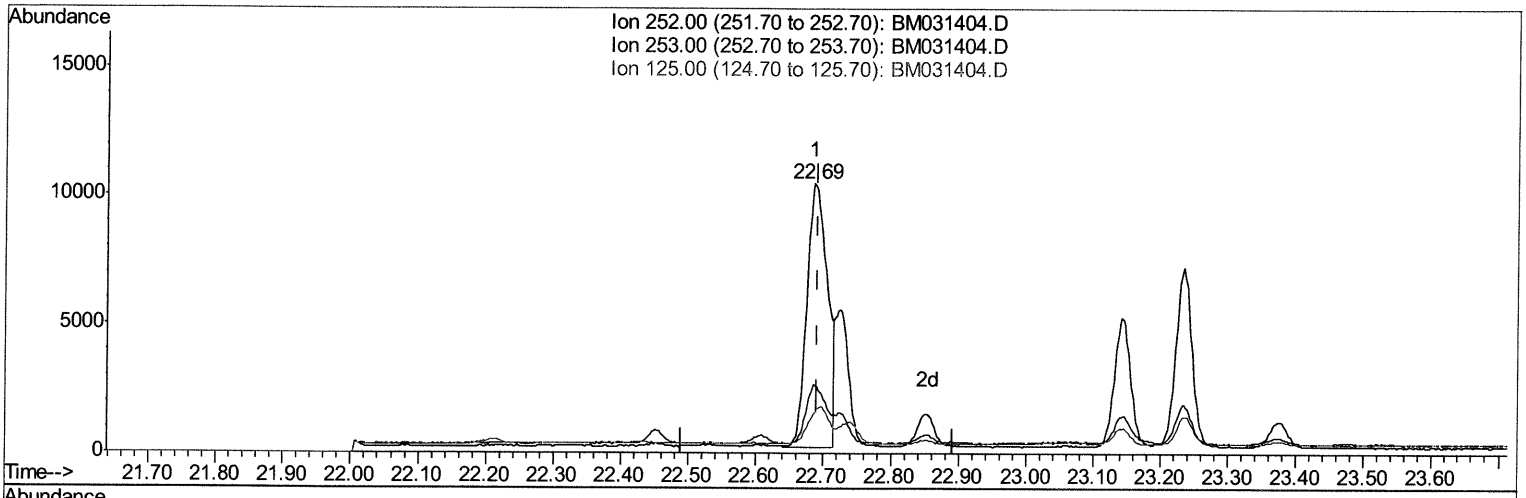
Quantitation Report (Qedit)

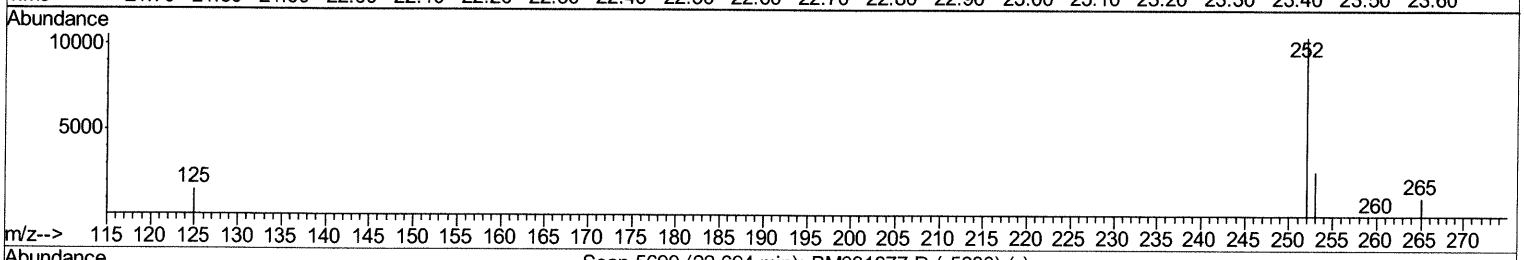
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031404.D
Acq On : 03 Aug 2021 09:15
Operator : CG/JU
Sample : M3123-18DL 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

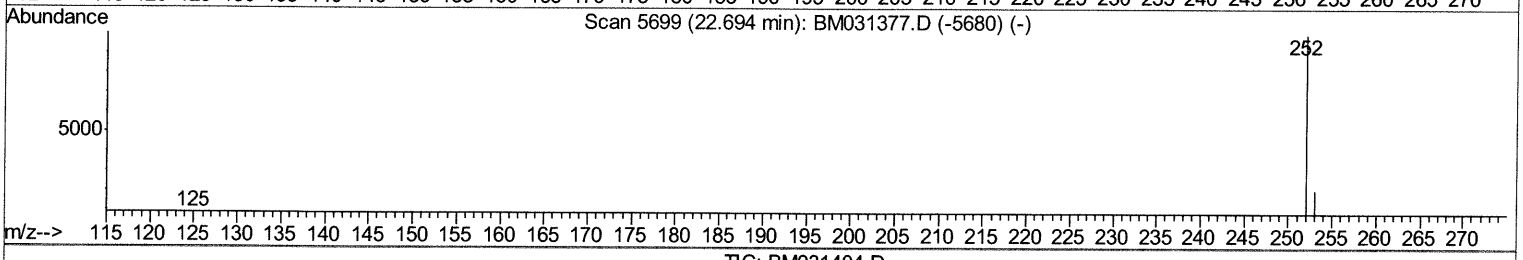
Quant Time: Aug 03 11:08:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 11:29:41 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0079DL

Manual Integrations APPROVED
mohammad
8/4/2021 3:47:27 PM







TIC: BM031404.D

(24) Benzo(b)fluoranthene

22.686min (-0.005) 0.99ng/ul m 08/06/21 JU

response 21766

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	25.26
125.00	11.40	14.70
0.00	0.00	0.00

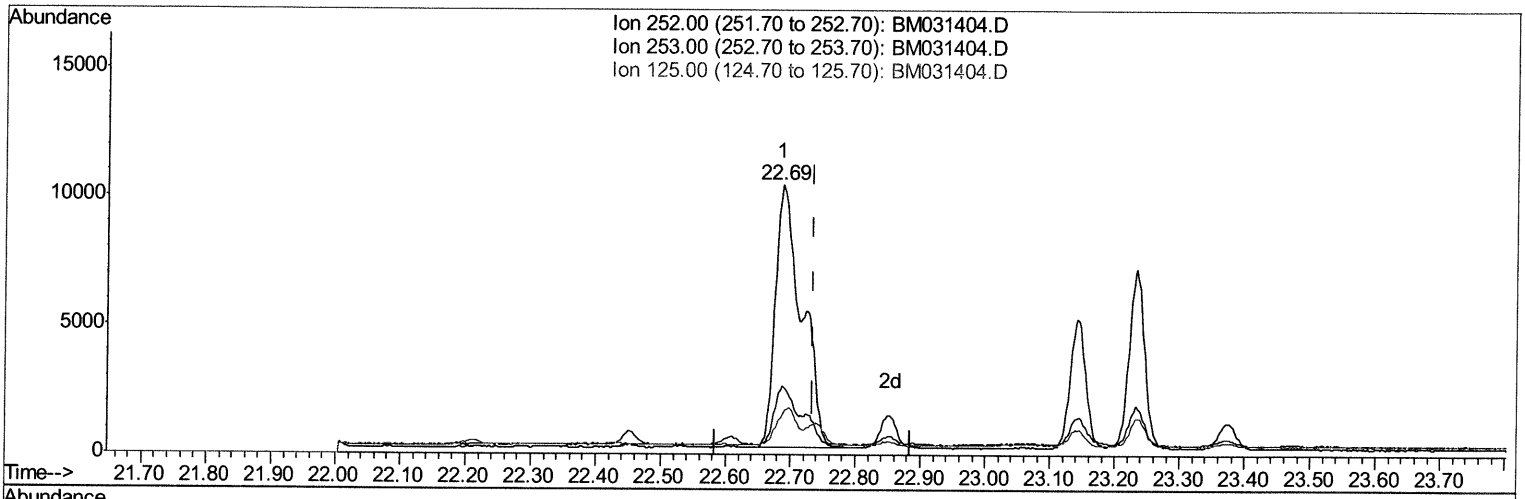
Quantitation Report (Qedit)

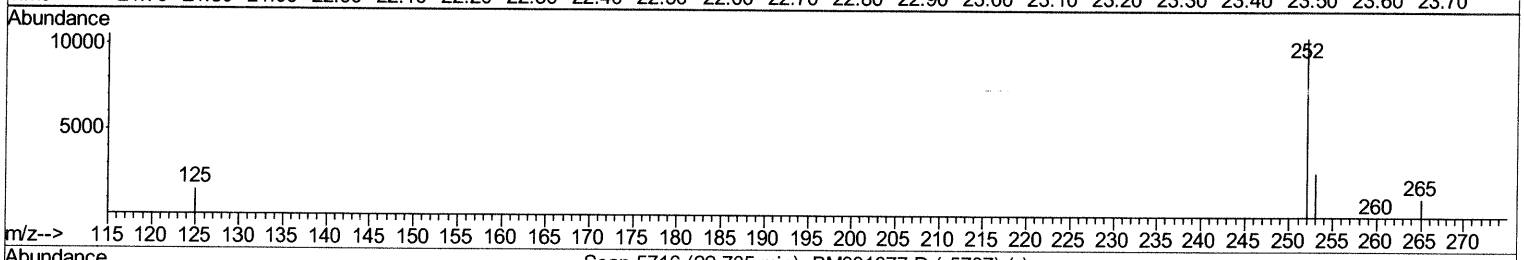
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031404.D
Acq On : 03 Aug 2021 09:15
Operator : CG/JU
Sample : M3123-18DL 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

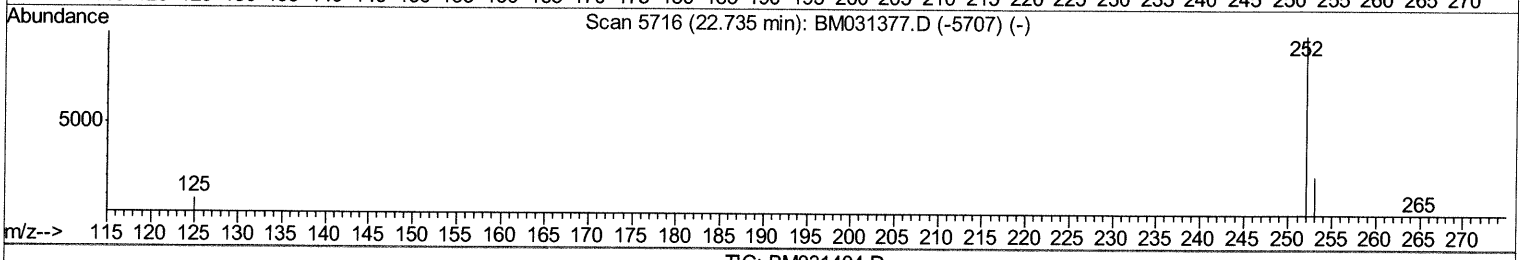
Quant Time: Aug 03 11:08:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 11:29:41 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0079DL

Manual Integrations APPROVED
mohammad
8/4/2021 3:47:27 PM







TIC: BM031404.D

(25) Benzo(k)fluoranthene

22.686min (-0.048) 1.27ng/ul

response 28879

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	25.26
125.00	11.00	14.70#
0.00	0.00	0.00

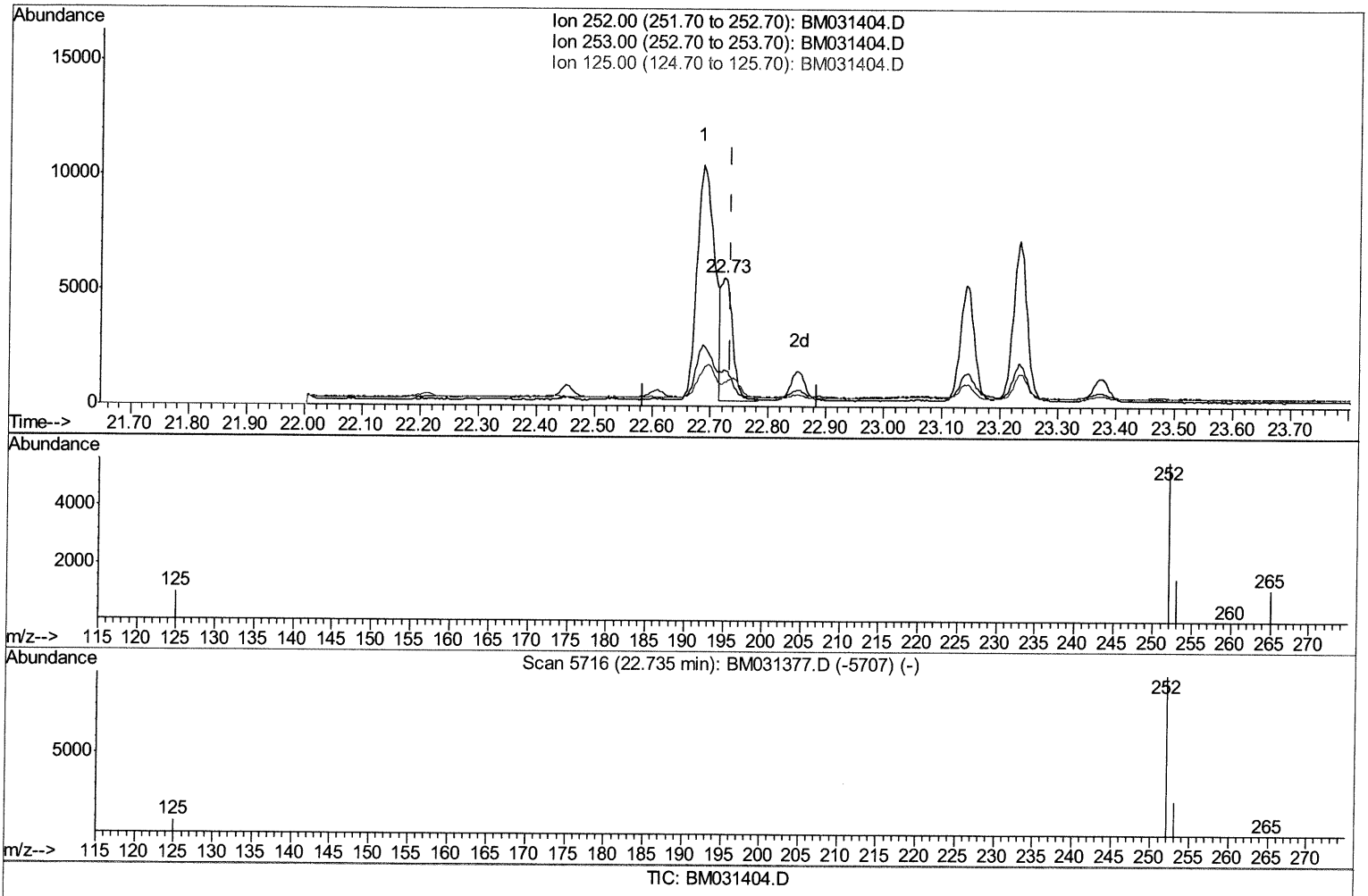
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031404.D
Acq On : 03 Aug 2021 09:15
Operator : CG/JU
Sample : M3123-18DL 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Aug 03 11:08:31 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 : Mon Aug 02 11:29:41 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0079DL

Manual Integrations APPROVED
mohammad
8/4/2021 3:47:27 PM



TIC: BM031404.D

(25) Benzo(k)fluoranthene

22.725min (-0.010) 0.33ng/ul m 08/06/21 JU

response 7362

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	28.13
125.00	11.00	18.34#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031404.D
Acq On : 03 Aug 2021 09:15
Operator : CG/JU
Sample : M3123-18DL 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0079DL

Manual Integrations APPROVED
mohammad
8/4/2021 3:47:27 PM

Quant Time: Aug 03 11:09:40 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 : Mon Aug 02 11:29:41 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	1618	0.40	ng/ul	0.00
4) Naphthalene-d8	10.36	136	6173	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.23	164	3592	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.97	188	6772	0.40	ng/ul	0.00
17) Chrysene-d12	21.17	240	5144	0.40	ng/ul	0.00
23) Perylene-d12	23.33	264	4866	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	465	0.26	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.96	152	220	0.02	ng/ul	0.00
18) Fluoranthene-d10	19.01	212	427	0.02	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.41	128	2773	0.151	ng/ul	96
7) 2-Methylnaphthalene	12.03	142	2472	0.197	ng/ul	99
8) 1-Methylnaphthalene	12.25	142	1435	0.116	ng/ul	98
10) Acenaphthylene	13.95	152	1159	0.076	ng/ul#	86
11) Acenaphthene	14.29	153	322	0.025	ng/ul#	92
12) Fluorene	15.28	166	403	0.027	ng/ul#	82
15) Phenanthrene	17.02	178	19833	0.922	ng/ul	98
16) Anthracene	17.11	178	3069m >	0.152	ng/ul >	08/06/21 JU
19) Fluoranthene	19.04	202	36125	1.645	ng/ul	98
20) Pyrene	19.40	202	32384	1.454	ng/ul	97
21) Benzo(a)anthracene	21.15	228	15531	0.748	ng/ul	96
22) Chrysene	21.20	228	19512	0.908	ng/ul	98
24) Benzo(b)fluoranthene	22.69	252	21766m >	0.993	ng/ul >	08/06/21 JU
25) Benzo(k)fluoranthene	22.73	252	7362m >	0.325	ng/ul >	
26) Benzo(a)pyrene	23.23	252	11585	0.603	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	25.47	276	9304	0.375	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.47	278	2571	0.129	ng/ul#	75
29) Benzo(g,h,i)perylene	26.12	276	1314	0.062	ng/ul#	69

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