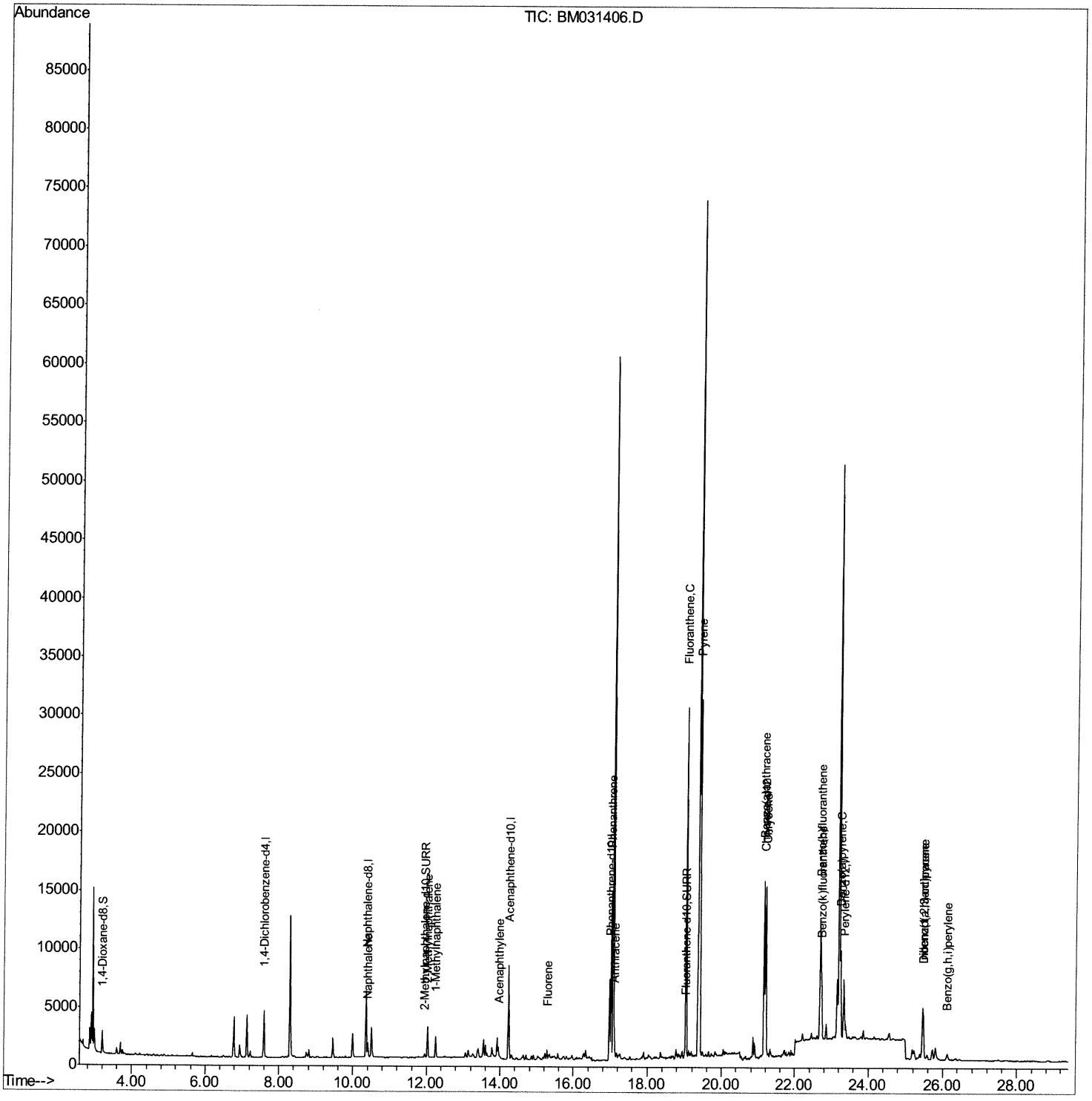
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031406.D
Acq On : 03 Aug 2021 10:29
Operator : CG/JU
Sample : M3123-19DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Aug 03 11:34:11 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 : Mon Aug 02 11:29:41 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0080DL

Manual Integrations APPROVED
mohammad
8/4/2021 3:47:32 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031406.D
Acq On : 03 Aug 2021 10:29
Operator : CG/JU
Sample : M3123-19DL 5X
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Quant Time: Aug 03 11:31:51 2021
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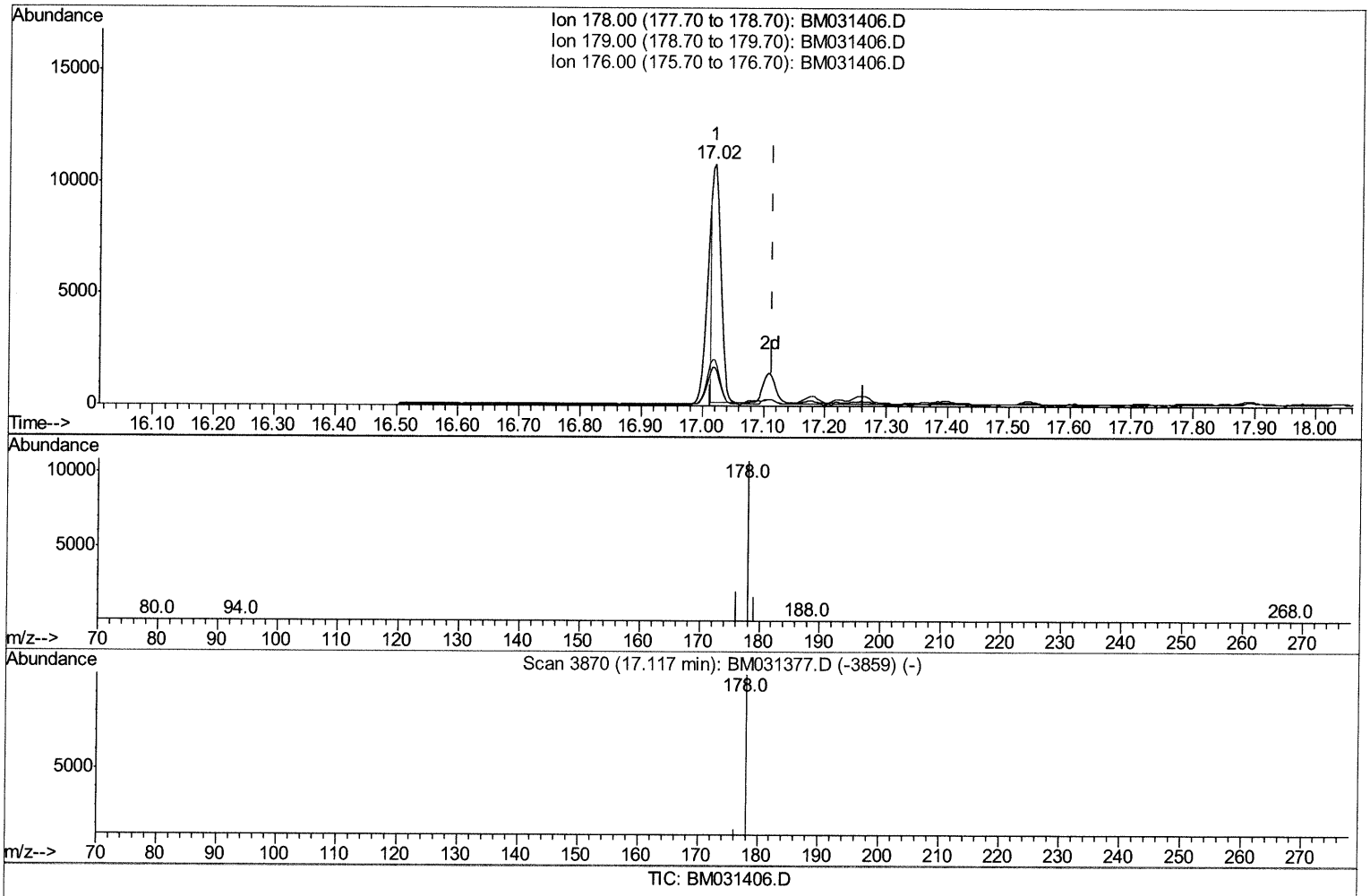

(16) Anthracene

17.020min (-0.093) 0.40ng/ul

response 9702

Ion	Exp%	Act%
178.00	100	100
179.00	16.30	15.78
176.00	19.50	19.11
0.00	0.00	0.00

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mohammad
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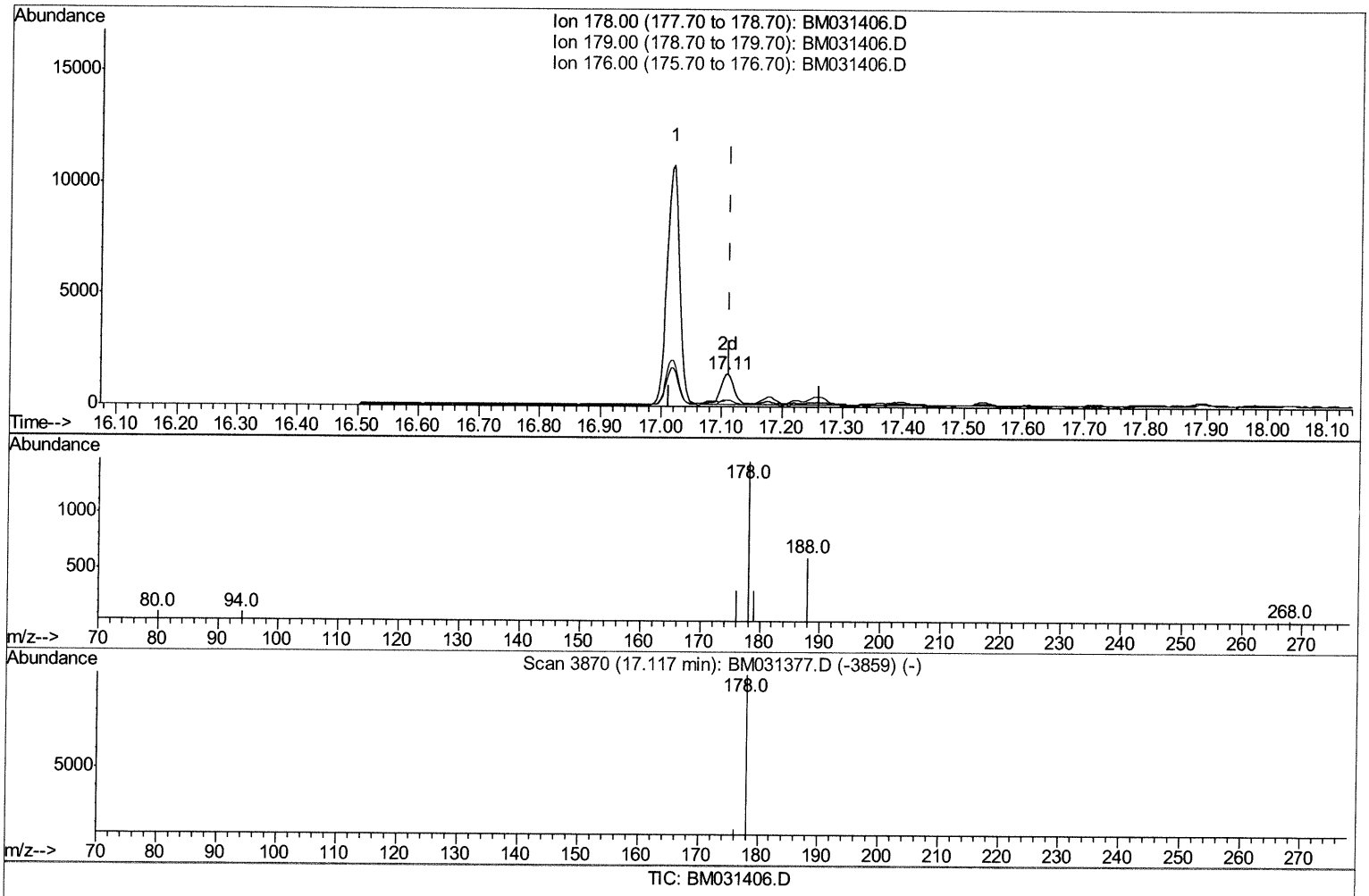

TIC: BM031406.D

(16) Anthracene

17.110min (-0.003) 0.08ng/ul m 08/06/21 JU

response 1995

Ion	Exp%	Act%
178.00	100	100
179.00	16.30	21.83#
176.00	19.50	21.90
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BM031406.D
Acq On : 03 Aug 2021 10:29
Operator : CG/JU
Sample : M3123-19DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

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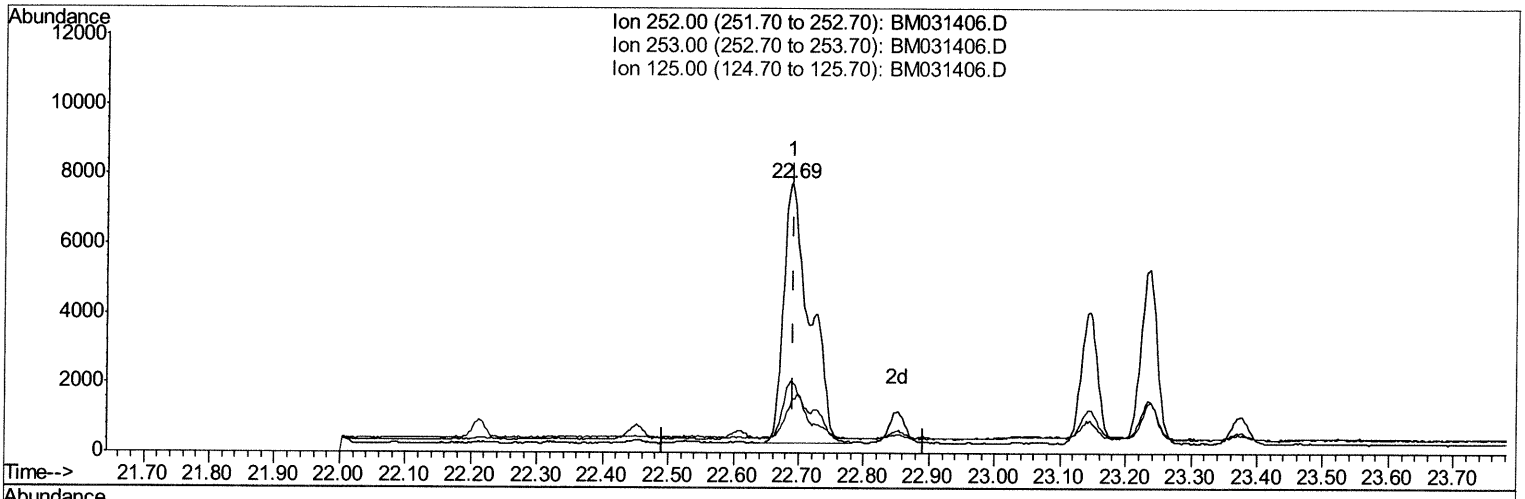
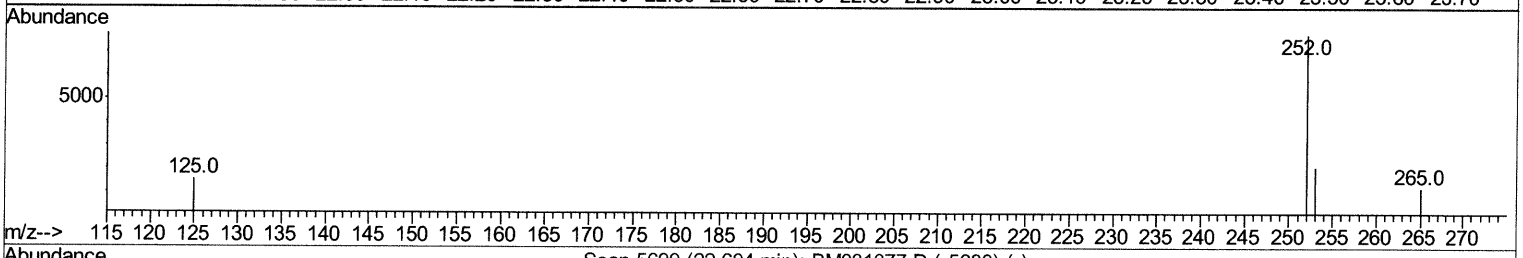
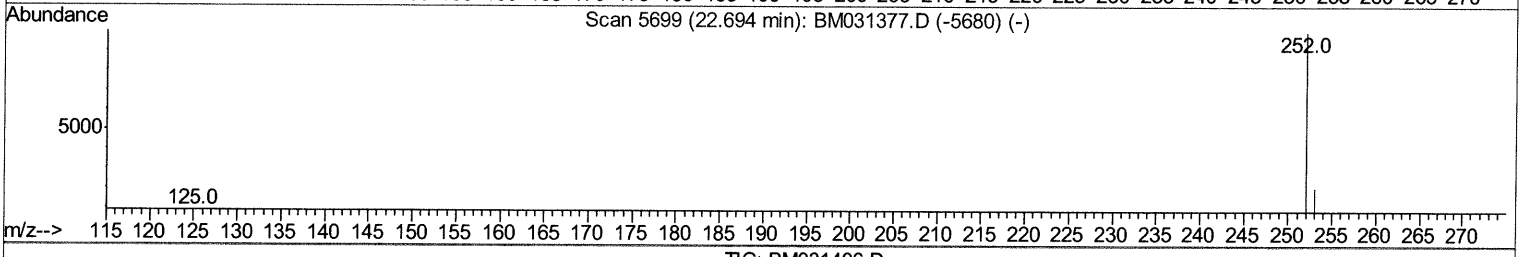
BNA_M
ClientSampleId :
C0080DL

Manual Integrations APPROVED
mohammad
8/4/2021 3:47:32 PM







TIC: BM031406.D

(24) Benzo(b)fluoranthene

22.689min (-0.002) 0.77ng/ul

response 20841

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	27.00
125.00	11.40	19.23
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031406.D
Acq On : 03 Aug 2021 10:29
Operator : CG/JU
Sample : M3123-19DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Aug 03 11:31:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
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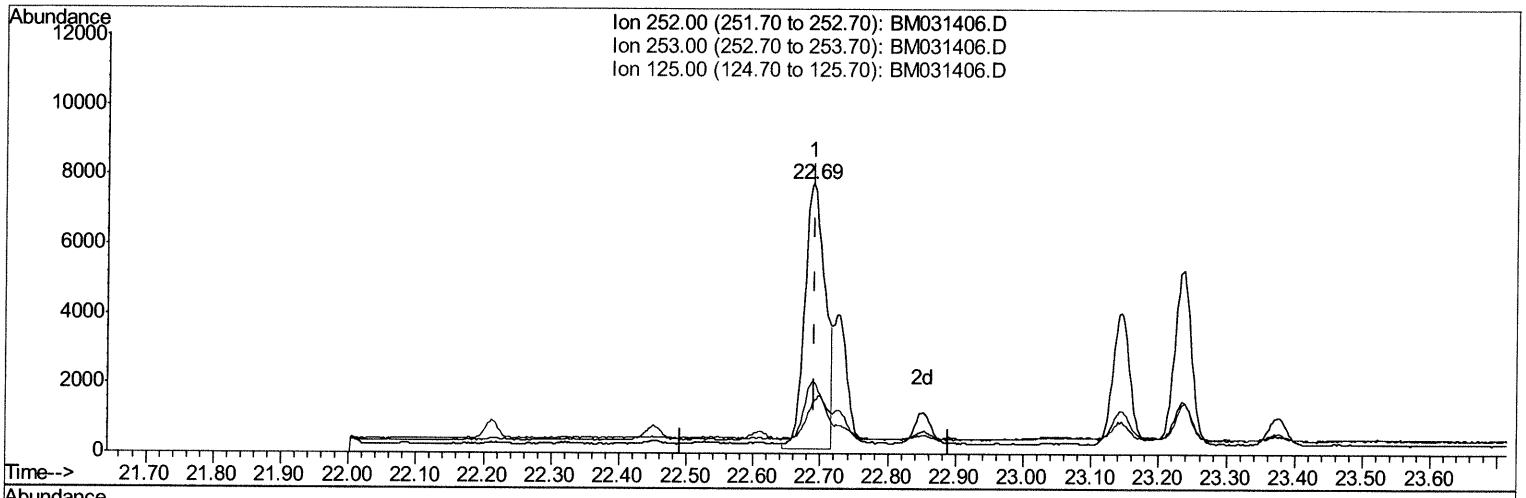
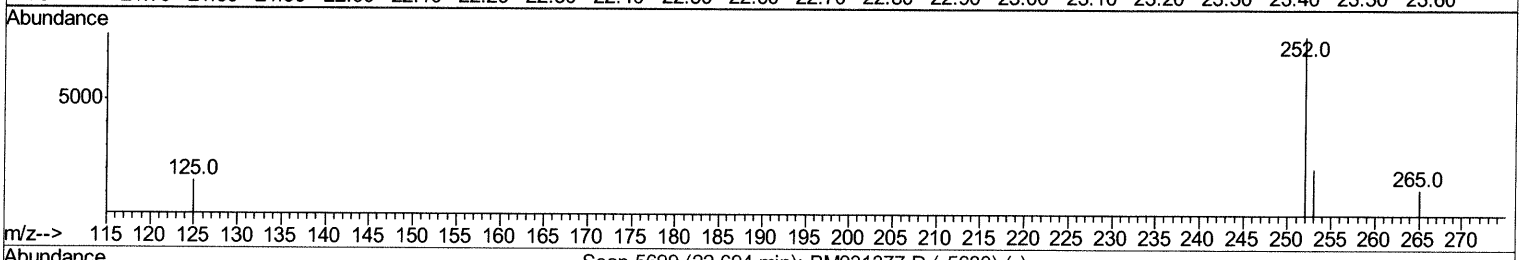
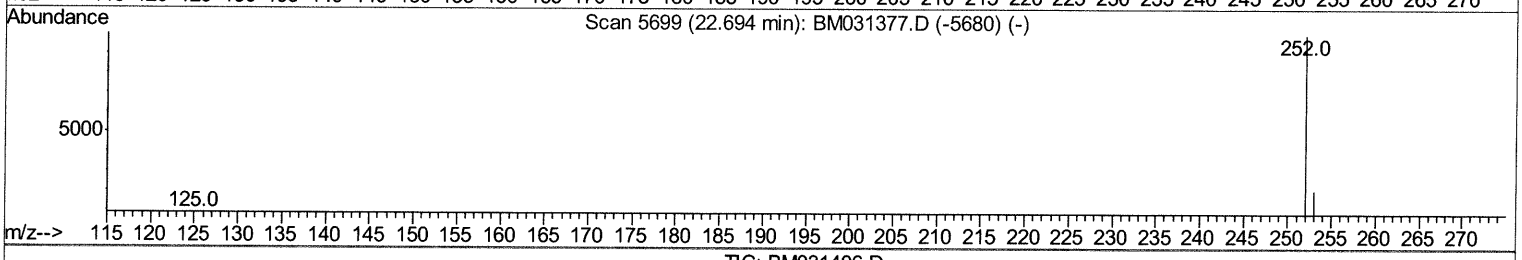
Instrument :
BNA_M
ClientSampleId :
C0080DL

Manual Integrations APPROVED
mohammad
8/4/2021 3:47:32 PM







TIC: BM031406.D

(24) Benzo(b)fluoranthene

22.689min (-0.002) 0.60ng/ul m 08/06/21 JU

response 16153

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	27.00
125.00	11.40	19.23
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031406.D
Acq On : 03 Aug 2021 10:29
Operator : CG/JU
Sample : M3123-19DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Aug 03 11:31:51 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
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Instrument :
BNA_M
ClientSampleId :
C0080DL

Manual Integrations APPROVED
mohammad
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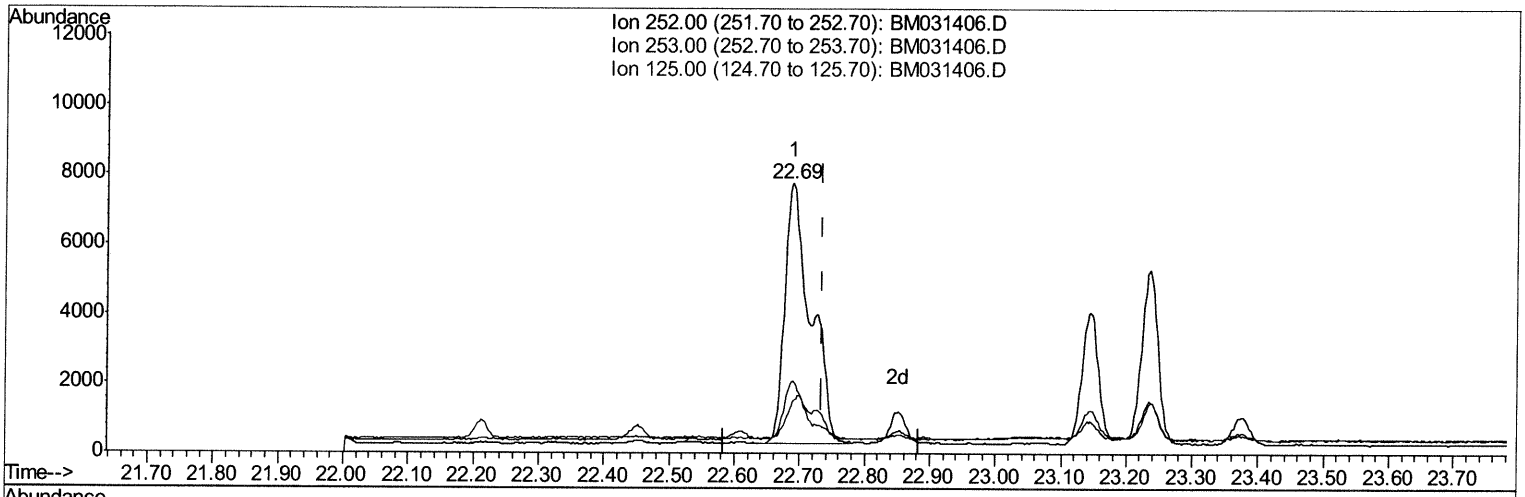

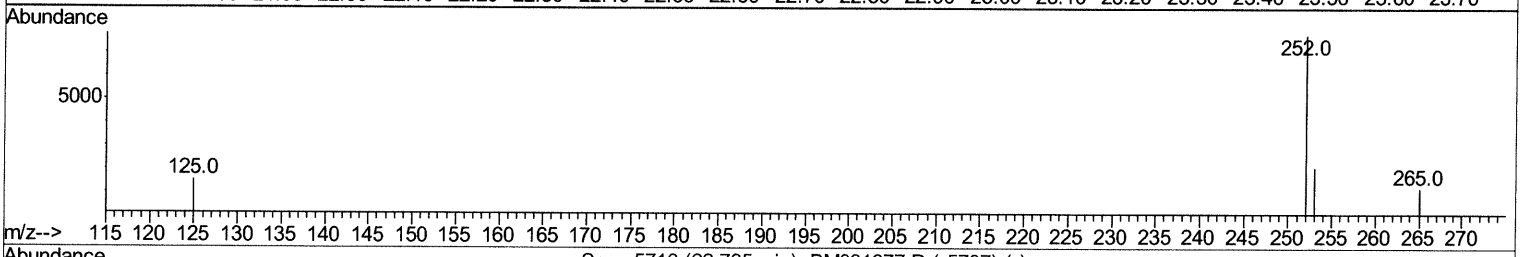

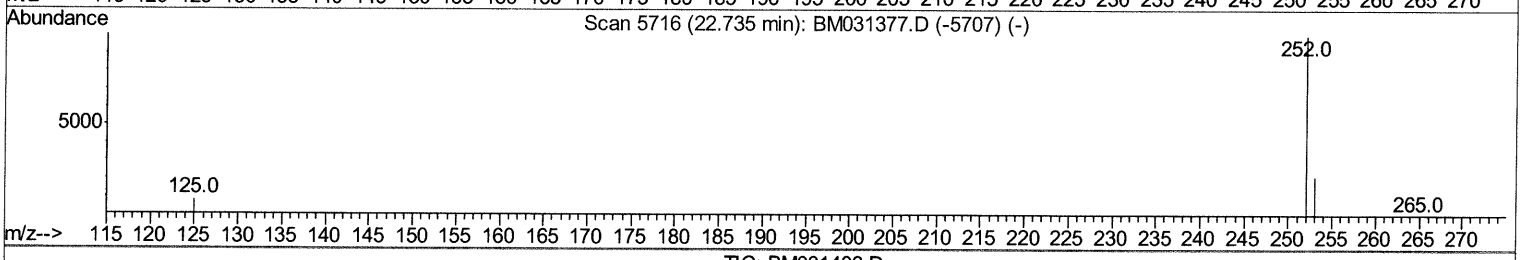

TIC: BM031406.D

(25) Benzo(k)fluoranthene

22.689min (-0.046) 0.74ng/ul

response 20805

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	27.00
125.00	11.00	19.23#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031406.D
Acq On : 03 Aug 2021 10:29
Operator : CG/JU
Sample : M3123-19DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Aug 03 11:31:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
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Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
mohammad
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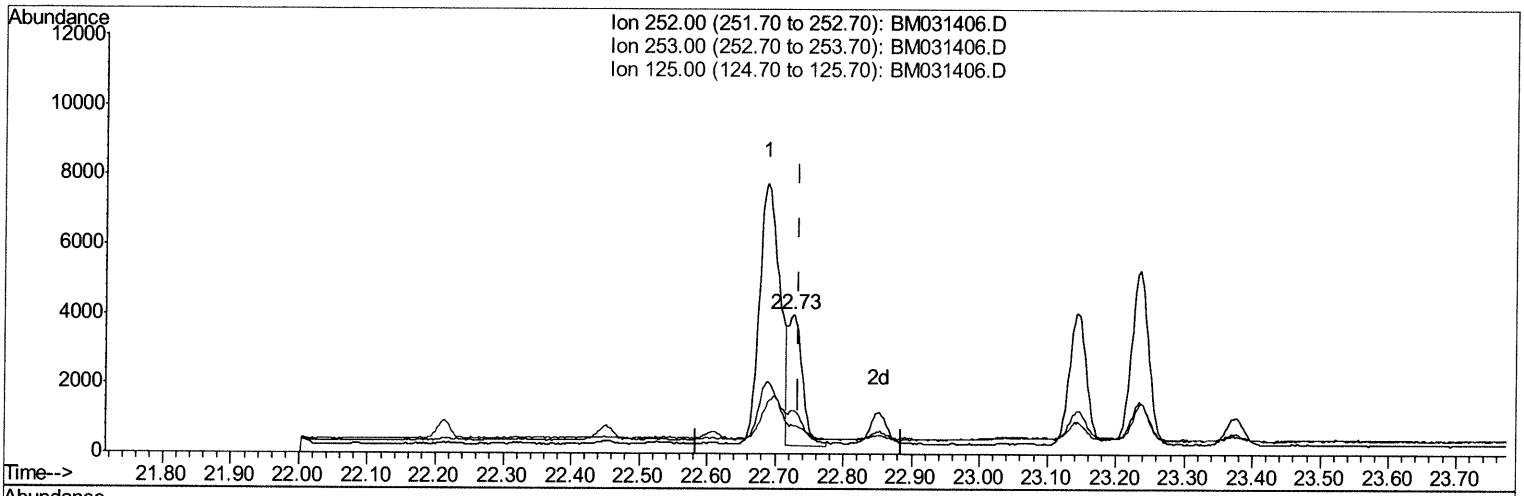

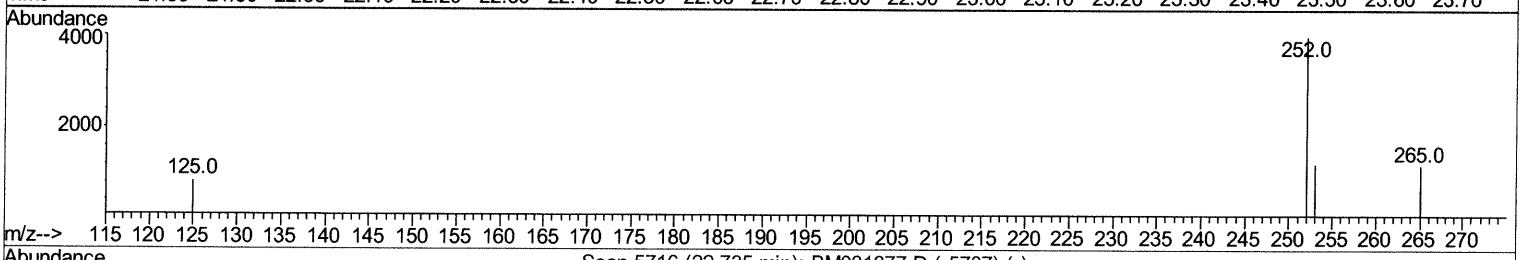

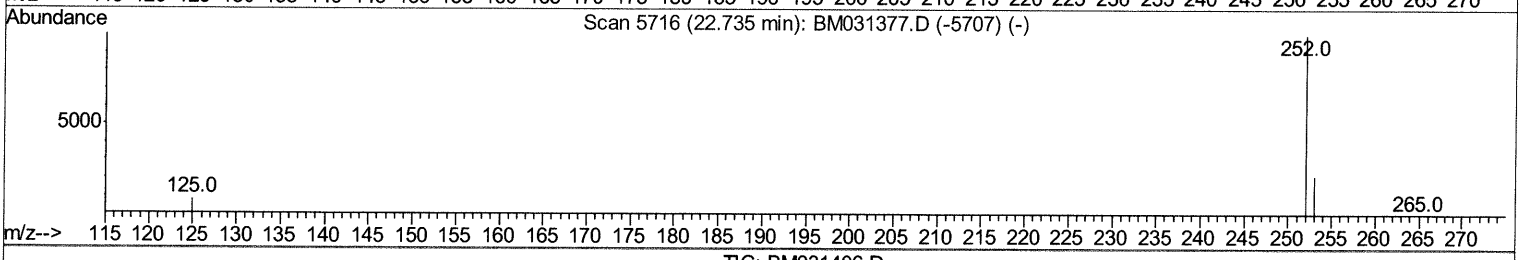

TIC: BM031406.D

(25) Benzo(k)fluoranthene

22.725min (-0.009) 0.20ng/ul m 08/06/21 JU

response 5534

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	30.58
125.00	11.00	20.35#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Acq On : 03 Aug 2021 10:29
Operator : CG/JU
Sample : M3123-19DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0080DL

Manual Integrations APPROVED
mohammad
8/4/2021 3:47:32 PM

Quant Time: Aug 03 11:34:11 2021
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	1957	0.40	ng/ul	0.00
4) Naphthalene-d8	10.36	136	7530	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.23	164	4363	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.97	188	8218	0.40	ng/ul	0.00
17) Chrysene-d12	21.17	240	6271	0.40	ng/ul	0.00
23) Perylene-d12	23.33	264	6003	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	1316	0.61	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.95	152	474	0.04	ng/ul	0.00
18) Fluoranthene-d10	19.01	212	865	0.04	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.41	128	1651	0.074	ng/ul#	90
7) 2-Methylnaphthalene	12.03	142	1984	0.129	ng/ul	99
8) 1-Methylnaphthalene	12.25	142	1251	0.083	ng/ul	98
10) Acenaphthylene	13.95	152	886	0.048	ng/ul#	80
12) Fluorene	15.28	166	407	0.023	ng/ul#	77
15) Phenanthrene	17.02	178	15202	0.583	ng/ul	98
16) Anthracene	17.11	178	1995m >	0.082	ng/ul >	08/06/21 JU
19) Fluoranthene	19.04	202	25894	0.967	ng/ul	98
20) Pyrene	19.40	202	24600	0.906	ng/ul	96
21) Benzo(a)anthracene	21.15	228	11565	0.457	ng/ul	96
22) Chrysene	21.20	228	14619	0.558	ng/ul	97
24) Benzo(b)fluoranthene	22.69	252	16153m >	0.597	ng/ul >	08/06/21 JU
25) Benzo(k)fluoranthene	22.73	252	5534m >	0.198	ng/ul	
26) Benzo(a)pyrene	23.24	252	8767	0.370	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.47	276	6913	0.226	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.47	278	1954	0.079	ng/ul#	63
29) Benzo(g,h,i)perylene	26.11	276	1085	0.042	ng/ul#	63

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