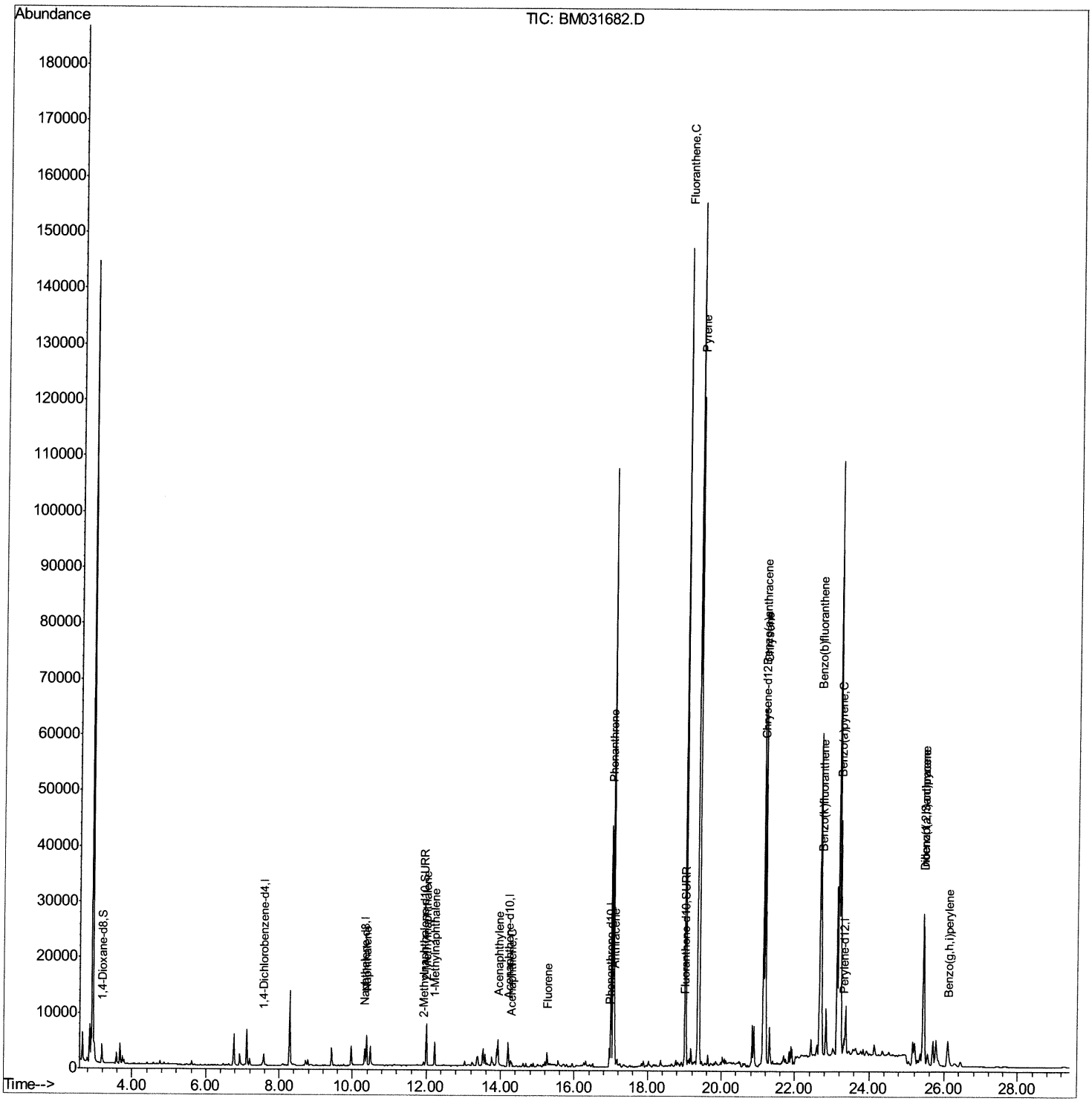
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031682.D
Acq On : 12 Aug 2021 18:09
Operator : CG/JU
Sample : M3182-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 12 18:44:08 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 :
C00C5

Manual Integrations APPROVED
mohammad
8/13/2021 5:14:11 PM



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Manual Integrations APPROVED
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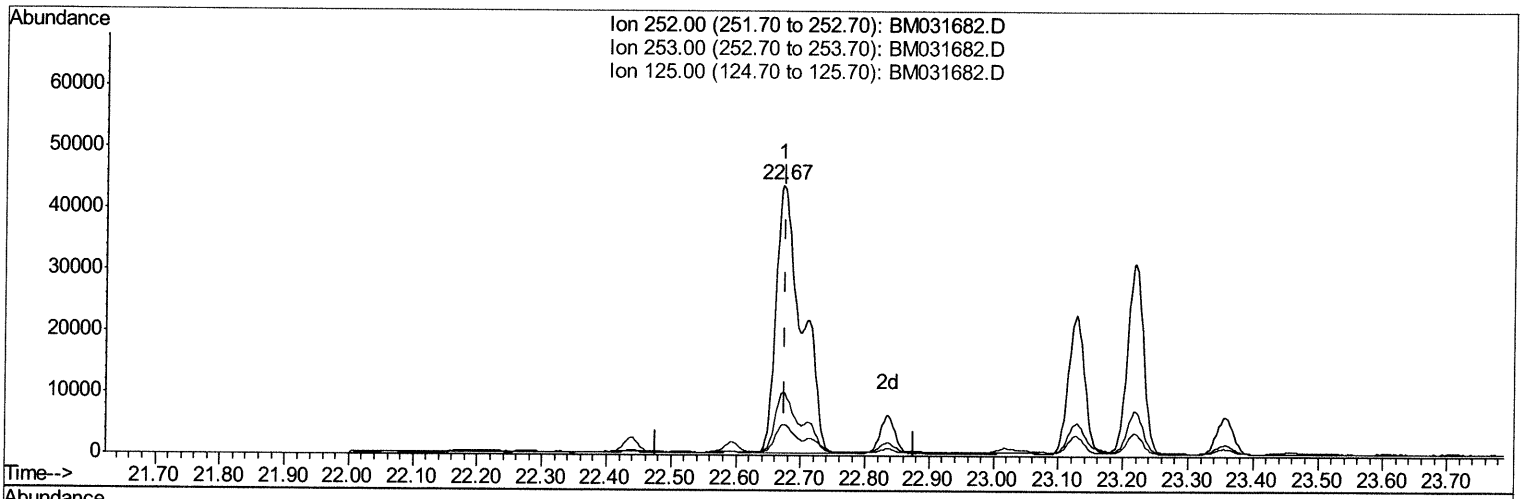

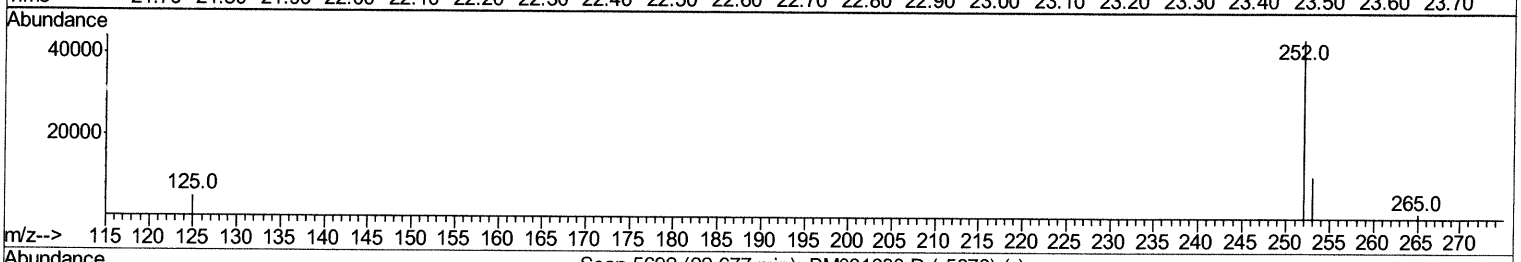

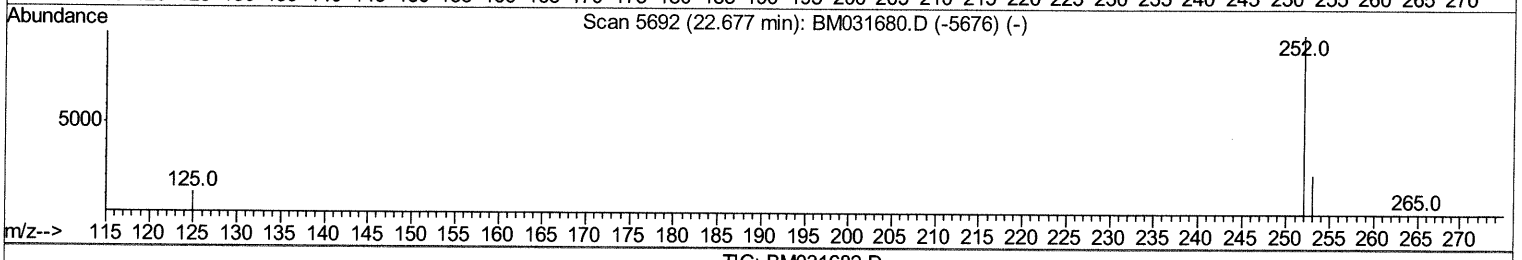

TIC: BM031682.D

(24) Benzo(b)fluoranthene

22.672min (-0.005) 7.62ng/ul

response 121222

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	23.25
125.00	11.40	11.44
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
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BNA_M
ClientSampleId :
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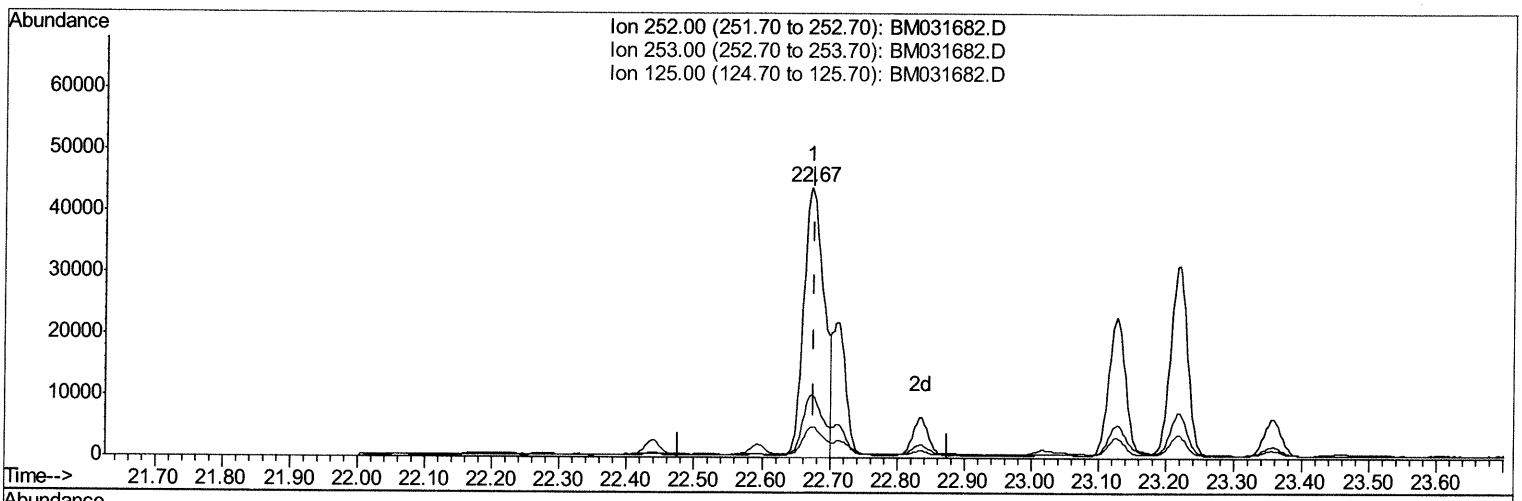
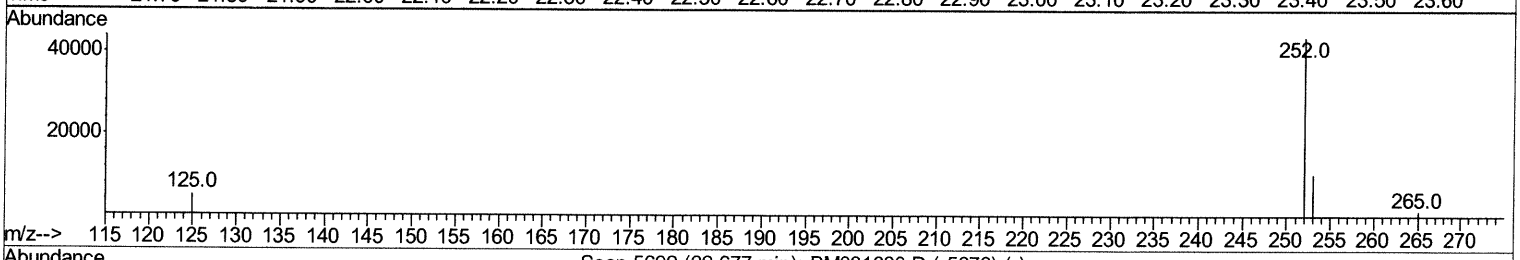
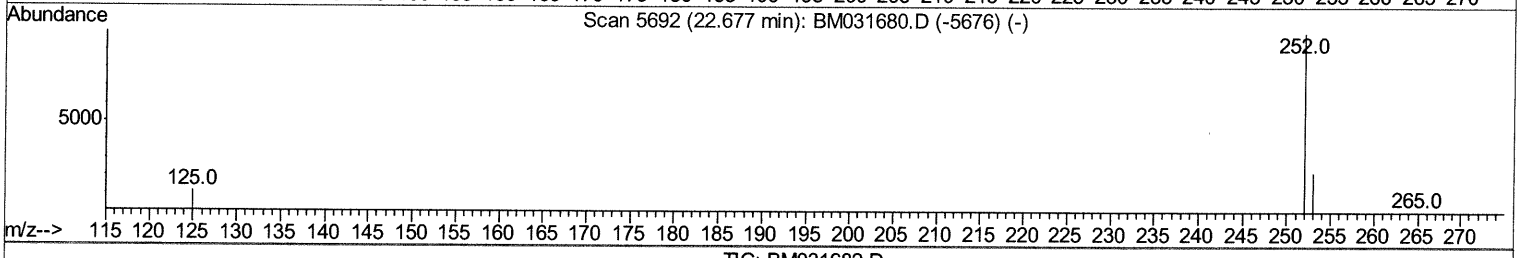
Manual Integrations APPROVED
mohammad
8/13/2021 5:14:11 PM







TIC: BM031682.D

(24) Benzo(b)fluoranthene

22.672min (-0.005) 5.82ng/ul m 08/16/21 JU

response 92509

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	23.25
125.00	11.40	11.44
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
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Acq On : 12 Aug 2021 18:09
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BNA_M
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Manual Integrations APPROVED
mohammad
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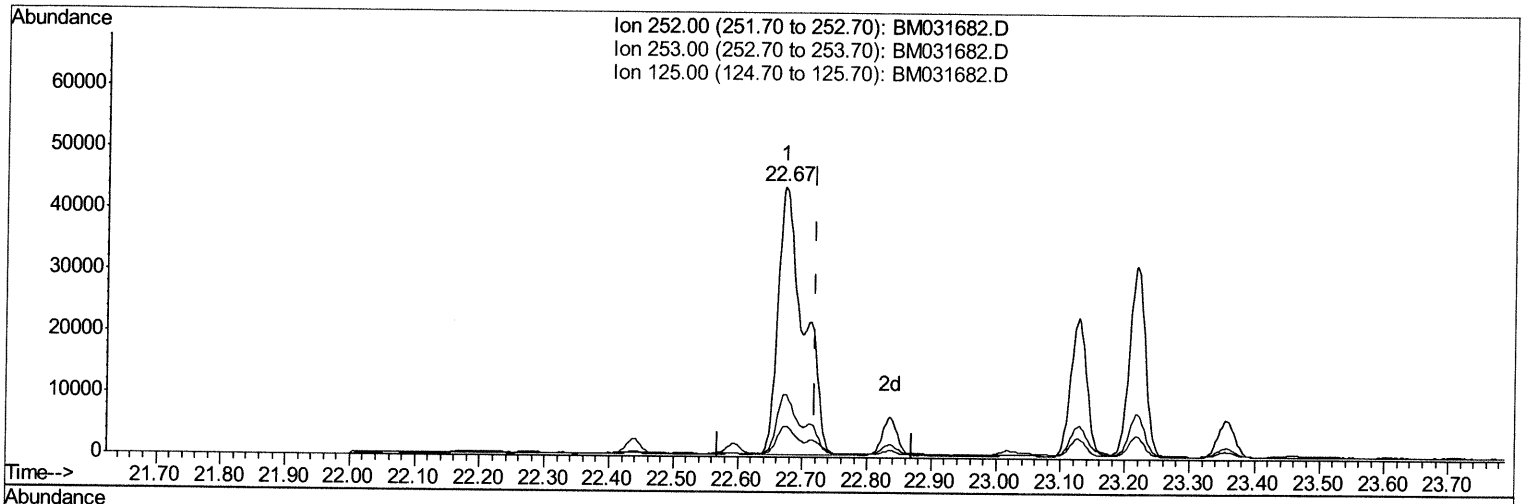

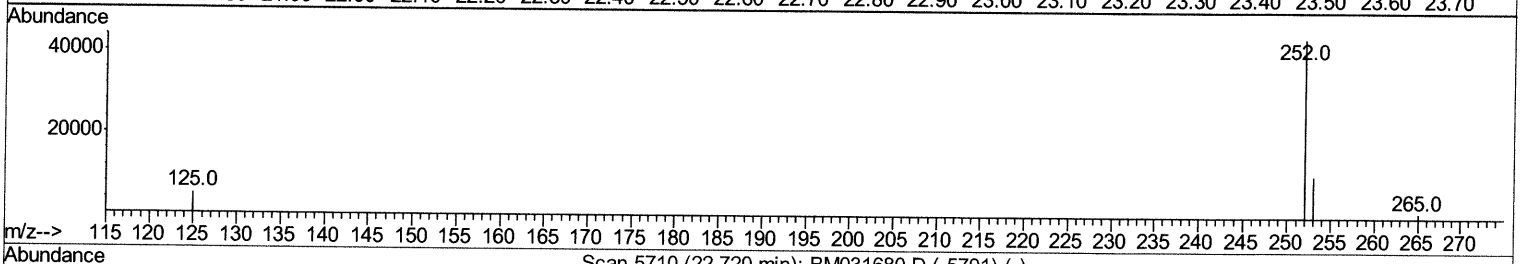

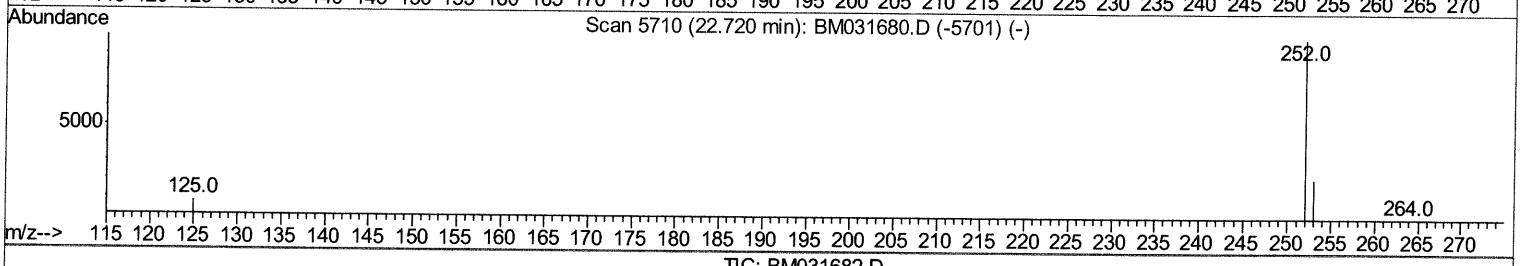

TIC: BM031682.D

(25) Benzo(k)fluoranthene

22.672min (-0.048) 7.38ng/ul

response 121222

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	23.25
125.00	11.00	11.44
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031682.D
Acq On : 12 Aug 2021 18:09
Operator : CG/JU
Sample : M3182-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 12 18:42:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
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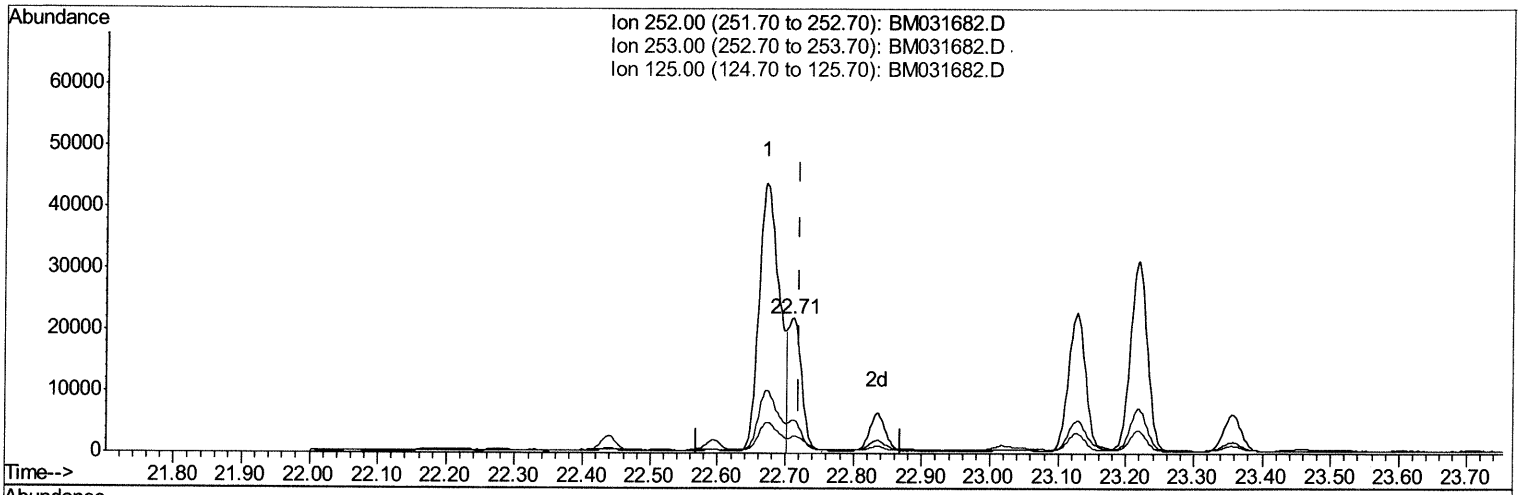
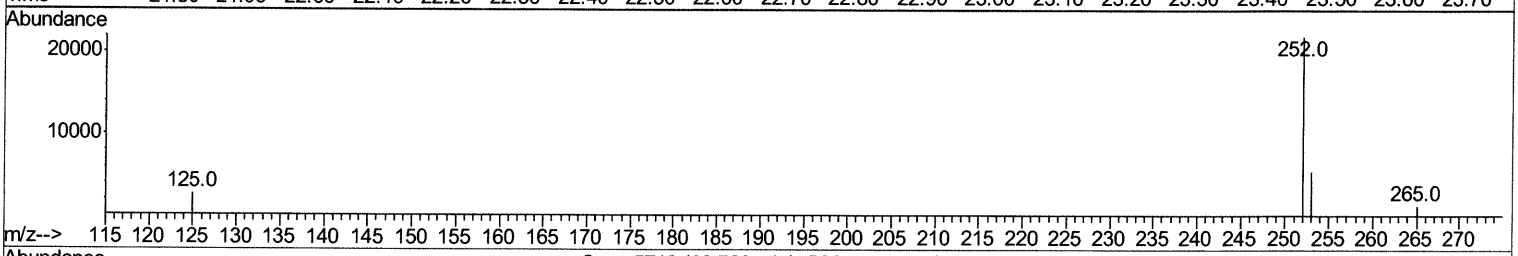
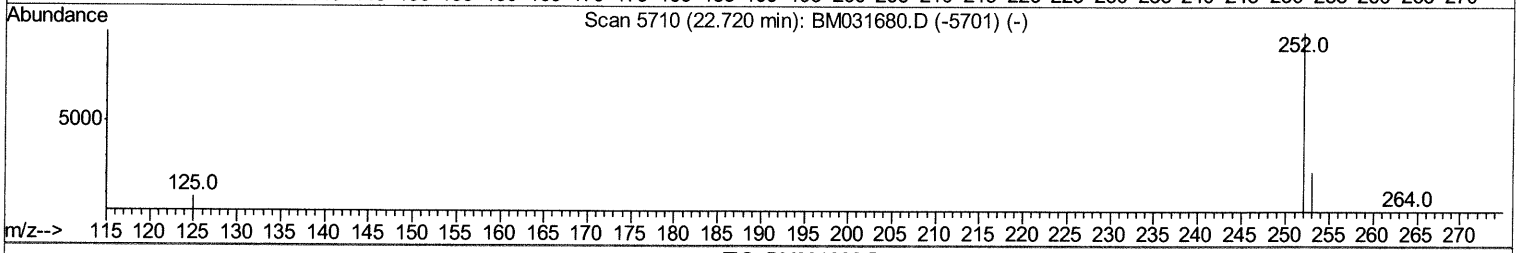
Instrument :
BNA_M
ClientSampleId :
C00C5

Manual Integrations APPROVED
mohammad
8/13/2021 5:14:11 PM







TIC: BM031682.D

(25) Benzo(k)fluoranthene

22.711min (-0.010) 1.90ng/ul m 08/16/21 JU

response 31157

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	24.80
125.00	11.00	12.40
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031682.D
Acq On : 12 Aug 2021 18:09
Operator : CG/JU
Sample : M3182-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 12 18:42:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
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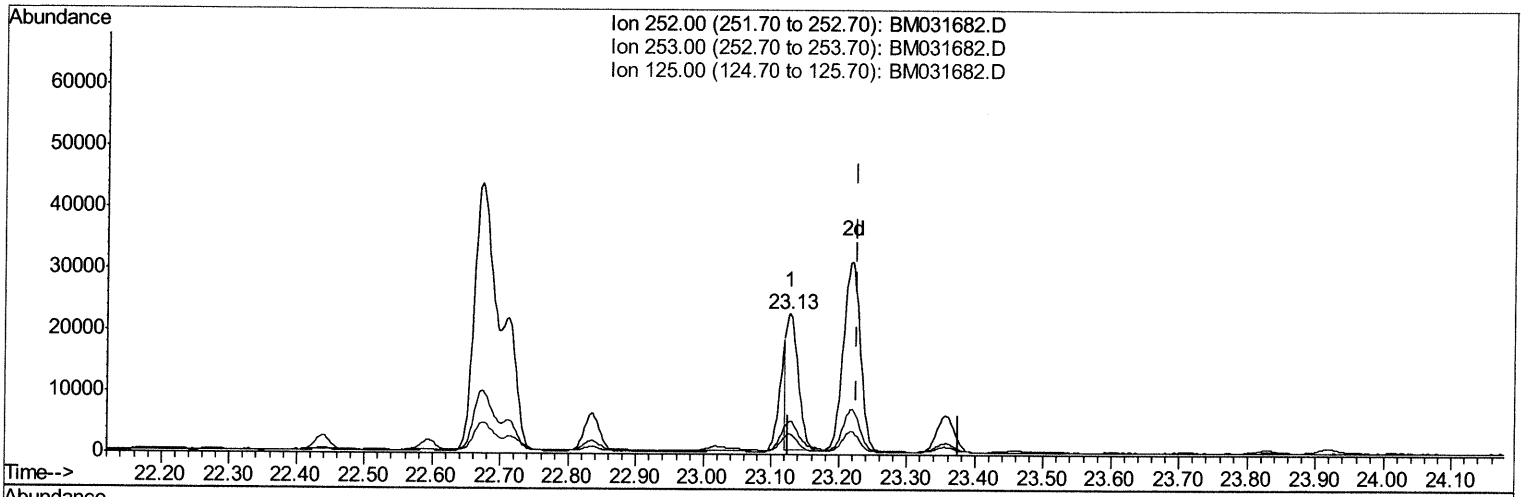
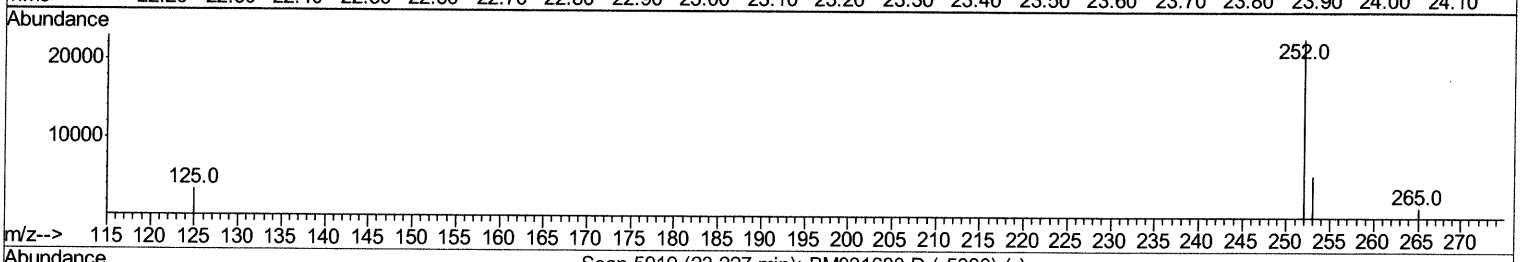
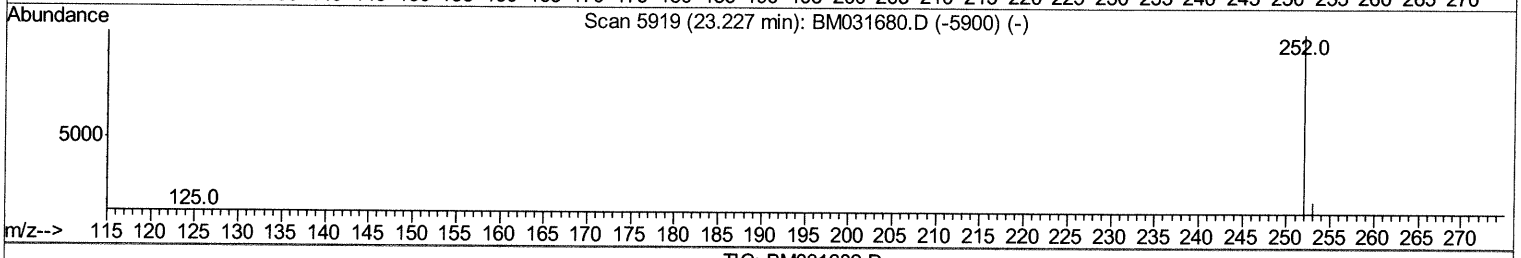
Instrument :
BNA_M
ClientSampleId :
C00C5

Manual Integrations APPROVED
mohammad
8/13/2021 5:14:11 PM







TIC: BM031682.D

(26) Benzo(a)pyrene (C)

23.127min (-0.099) 1.90ng/ul

response 26435

Ion	Exp%	Act%
252.00	100	100
253.00	28.00	23.64
125.00	16.20	14.48
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031682.D
Acq On : 12 Aug 2021 18:09
Operator : CG/JU
Sample : M3182-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 12 18:42:34 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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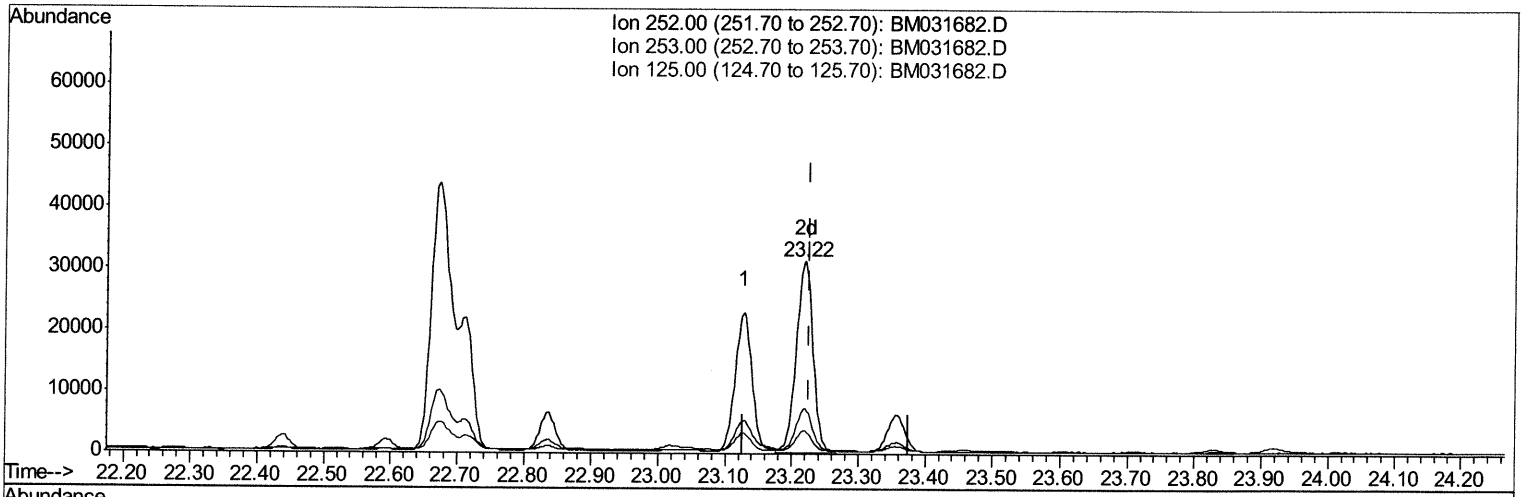
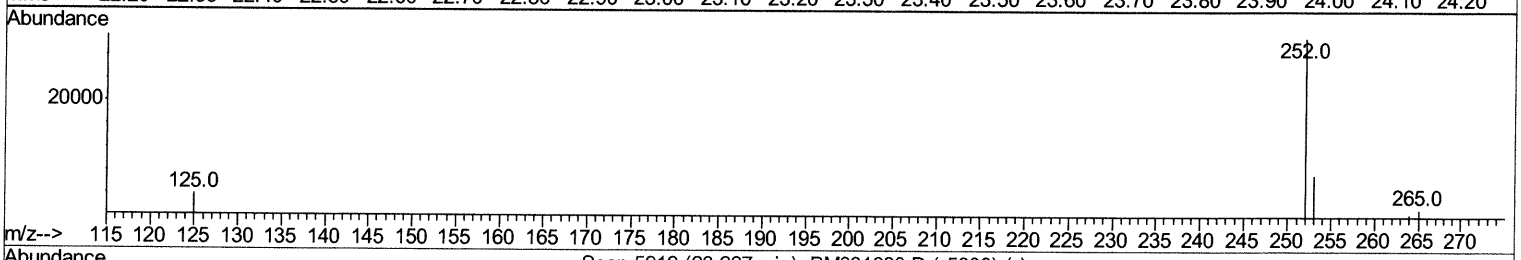
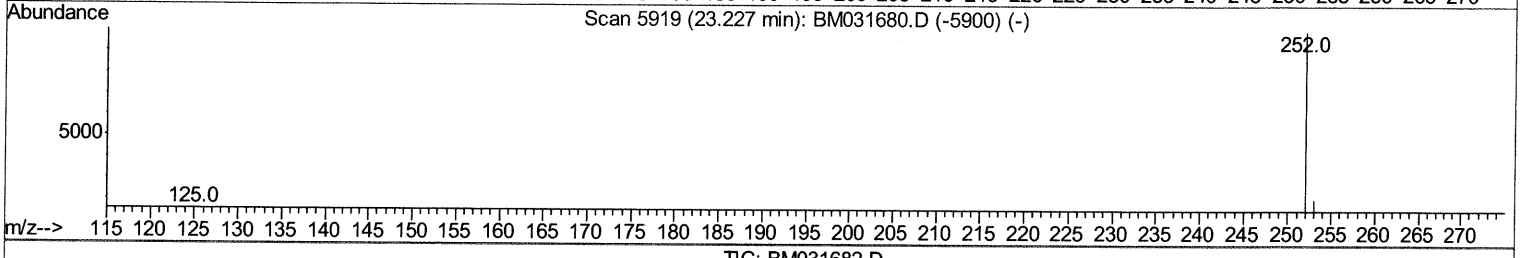
Manual Integrations APPROVED
mohammad
8/13/2021 5:14:11 PM







TIC: BM031682.D

(26) Benzo(a)pyrene (C)

23.219min (-0.007) 3.94ng/ul m 08/16/21 JU

response 54894

Ion	Exp%	Act%
252.00	100	100
253.00	28.00	23.72
125.00	16.20	12.16#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Acq On : 12 Aug 2021 18:09
Operator : CG/JU
Sample : M3182-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C00C5

Manual Integrations APPROVED
mohammad
8/13/2021 5:14:11 PM

Quant Time: Aug 12 18:44:08 2021
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	1100	0.40	ng/ul	0.00
4) Naphthalene-d8	10.33	136	3905	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.20	164	2252	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.95	188	4191	0.40	ng/ul	-0.01
17) Chrysene-d12	21.15	240	3675	0.40	ng/ul	0.00
23) Perylene-d12	23.31	264	3529	0.40	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	2177	1.78	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.93	152	999	0.15	ng/ul	0.00
18) Fluoranthene-d10	18.99	212	2110	0.17	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.38	128	7483	0.643	ng/ul	99
7) 2-Methylnaphthalene	12.00	142	5440	0.685	ng/ul	98
8) 1-Methylnaphthalene	12.22	142	2952	0.376	ng/ul	98
10) Acenaphthylene	13.93	152	5819	0.607	ng/ul	100
11) Acenaphthene	14.27	153	835	0.103	ng/ul	95
12) Fluorene	15.26	166	1670	0.180	ng/ul#	92
15) Phenanthrene	17.00	178	45043	3.385	ng/ul	97
16) Anthracene	17.09	178	8841	0.710	ng/ul	99
19) Fluoranthene	19.02	202	126041	8.032	ng/ul	98
20) Pyrene	19.39	202	104879	6.589	ng/ul	99
21) Benzo(a)anthracene	21.14	228	53984	3.638	ng/ul	98
22) Chrysene	21.19	228	64402	4.195	ng/ul	97
24) Benzo(b)fluoranthene	22.67	252	92509m	5.818	ng/ul	
25) Benzo(k)fluoranthene	22.71	252	31157m	1.897	ng/ul	
26) Benzo(a)pyrene	23.22	252	54894m	3.942	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.44	276	41687	2.316	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.45	278	9932	0.685	ng/ul#	92
29) Benzo(g,h,i)perylene	26.09	276	9625	0.627	ng/ul#	94

08/16/21 JU

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