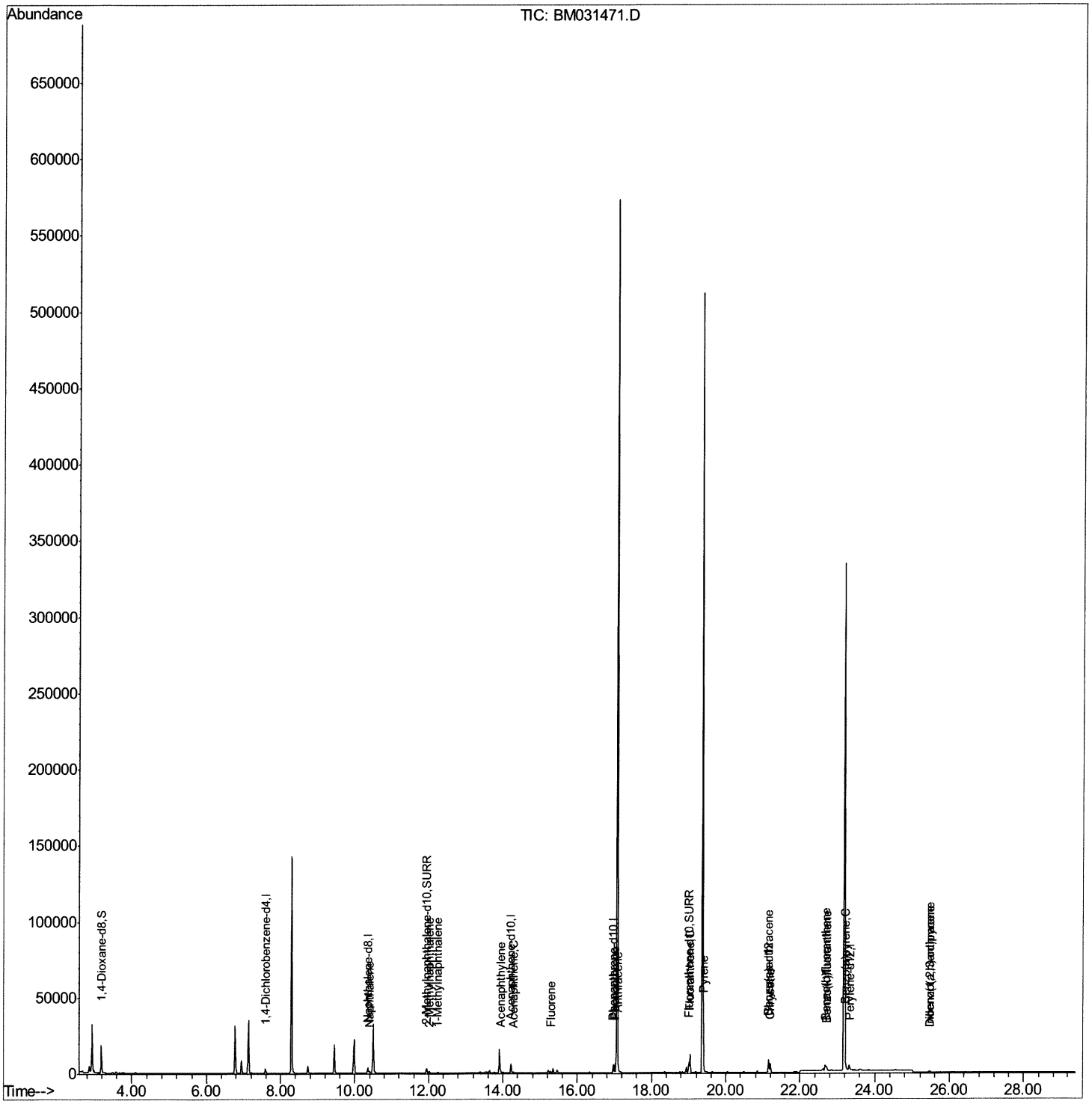
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031471.D
Acq On : 05 Aug 2021 06:12
Operator : CG/JU
Sample : M3141-14
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Aug 05 07:13:54 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 05 06:21:13 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGER3

Manual Integrations APPROVED
mohammad
8/5/2021 5:05:03 PM



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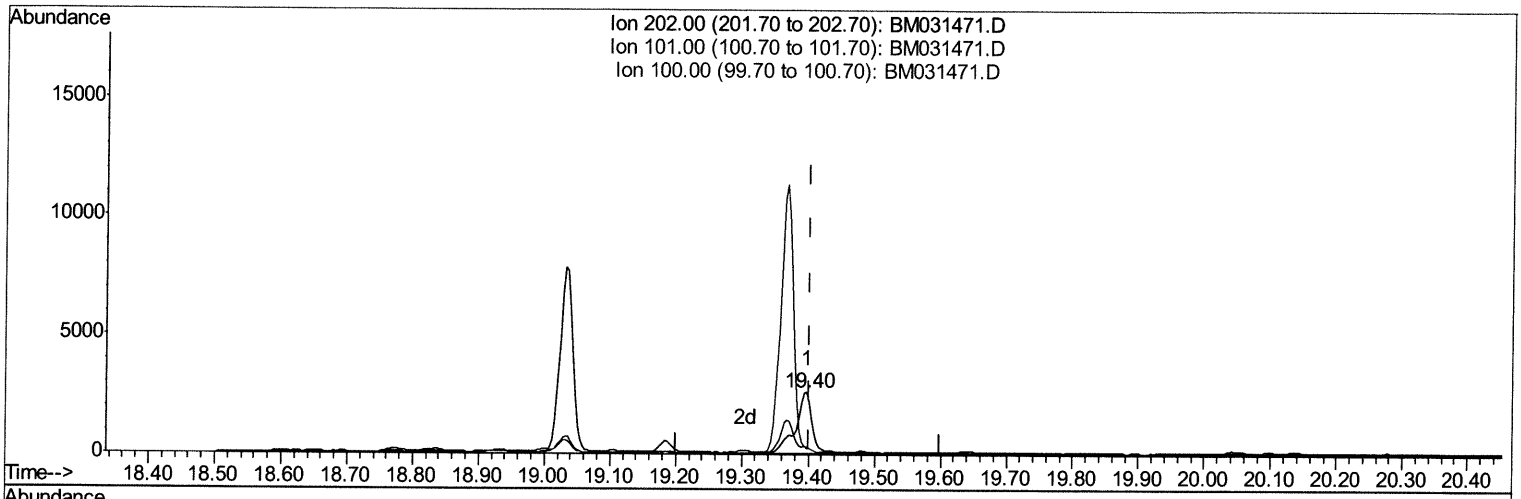

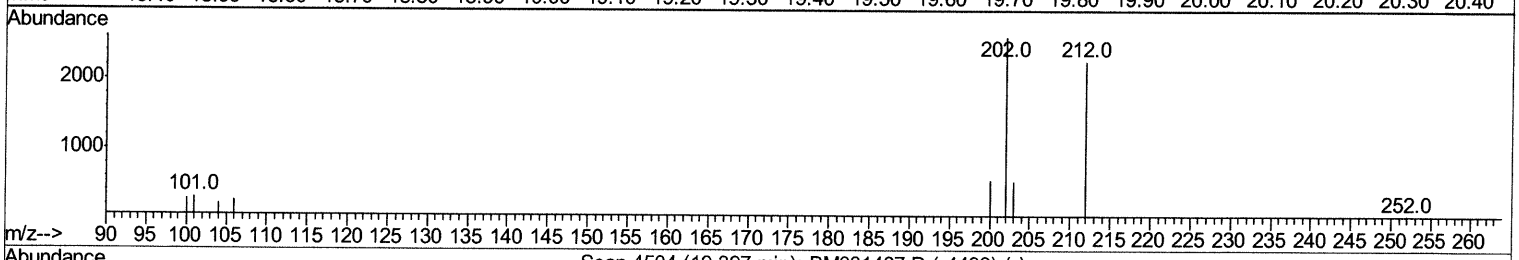

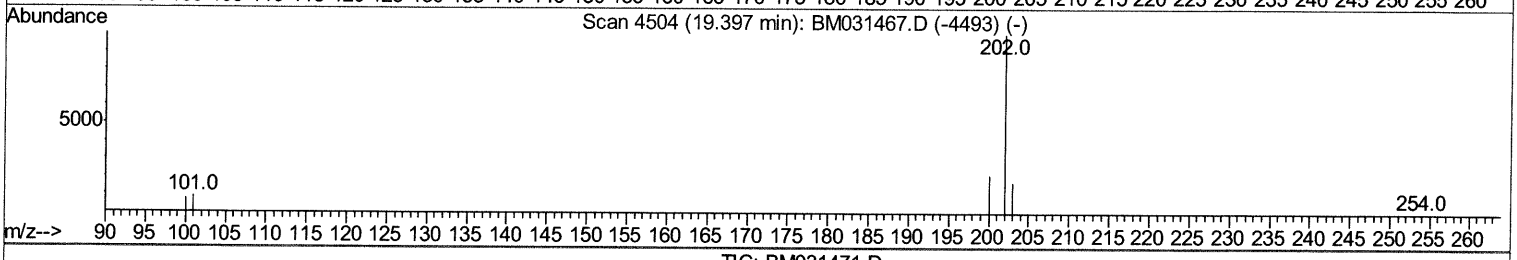

TIC: BM031471.D

(20) Pyrene

19.397min (-0.004) 0.22ng/ul

response 4433

Ion	Exp%	Act%
202.00	100	100
101.00	9.70	11.81#
100.00	8.30	10.74#
0.00	0.00	0.00

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Manual Integrations APPROVED
mohammad
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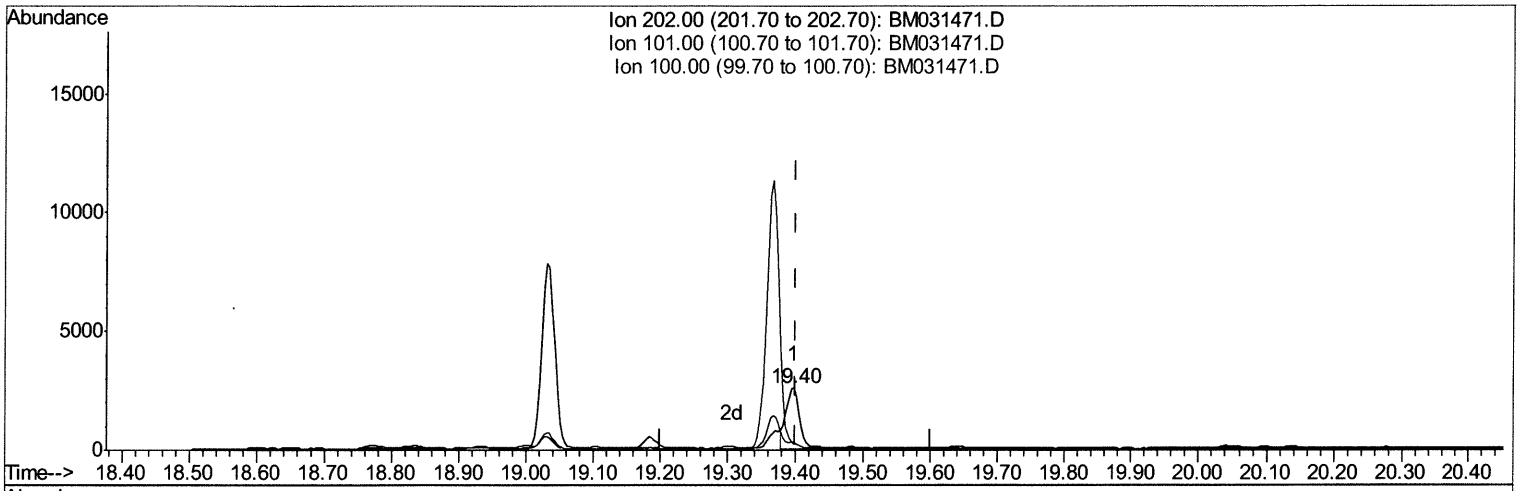

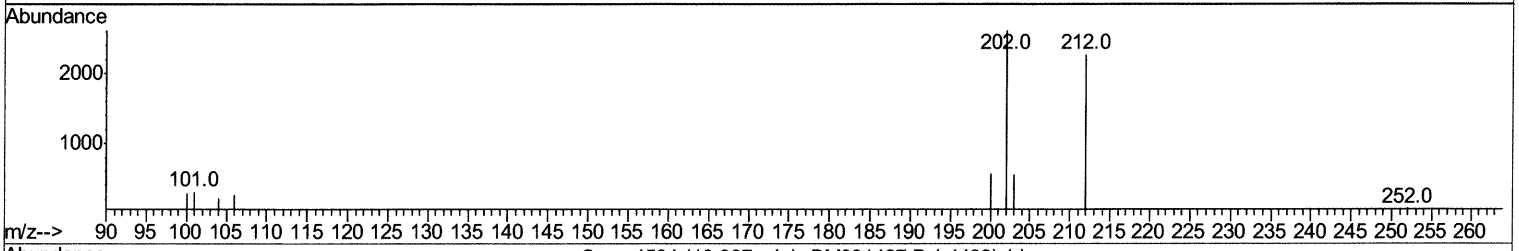

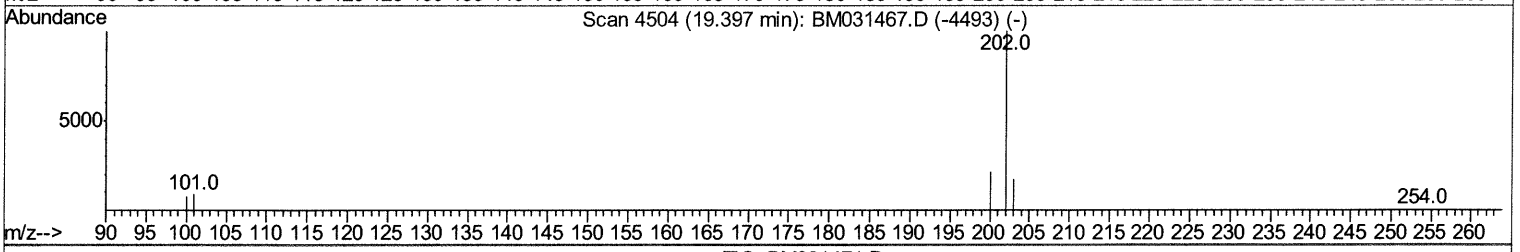

TIC: BM031471.D

(20) Pyrene

19.397min (-0.004) 0.17ng/ul m 08/06/21 JU

response 3486

Ion	Exp%	Act%
202.00	100	100
101.00	9.70	11.81#
100.00	8.30	10.74#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : CG/JU
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Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Aug 05 07:11:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Manual Integrations APPROVED
mohammad
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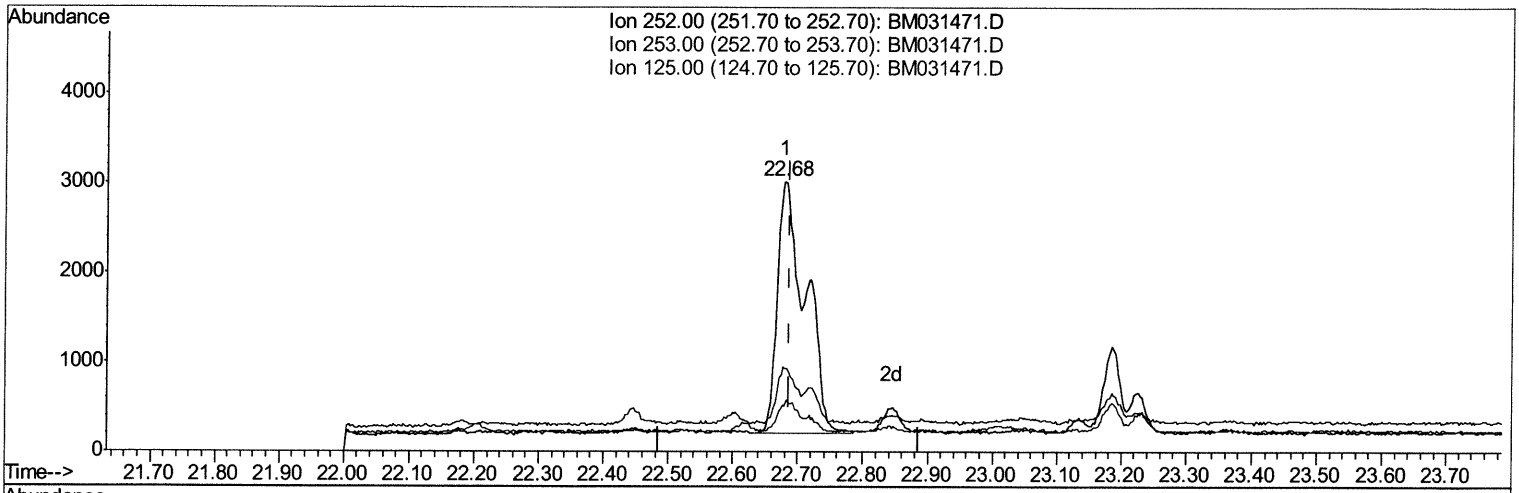

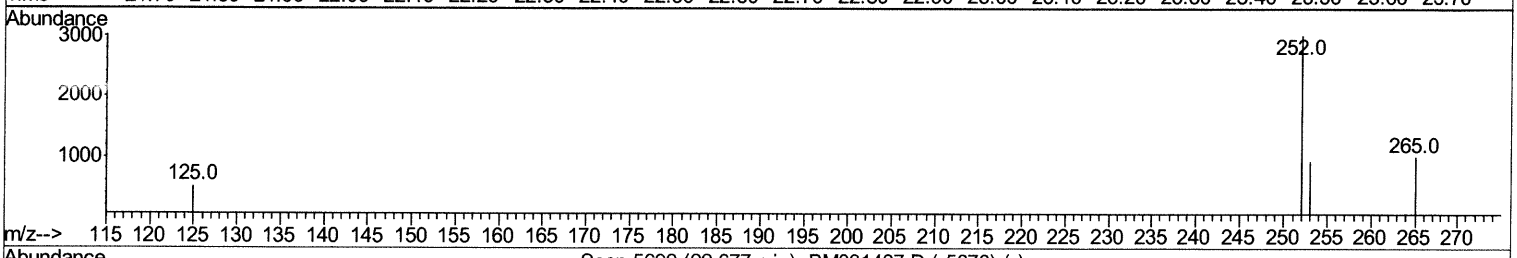

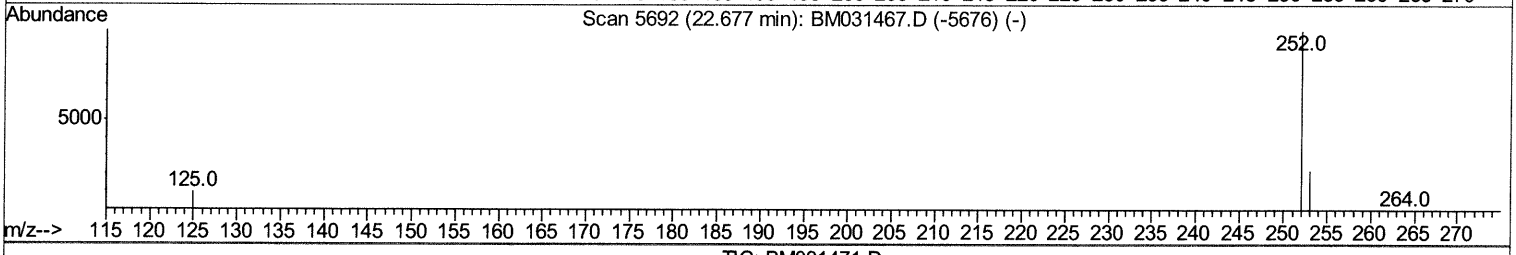

TIC: BM031471.D

(24) Benzo(b)fluoranthene

22.679min (-0.007) 0.40ng/ul

response 8423

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	31.00
125.00	11.40	16.96
0.00	0.00	0.00

Quantitation Report (Qedit)

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BNA_M
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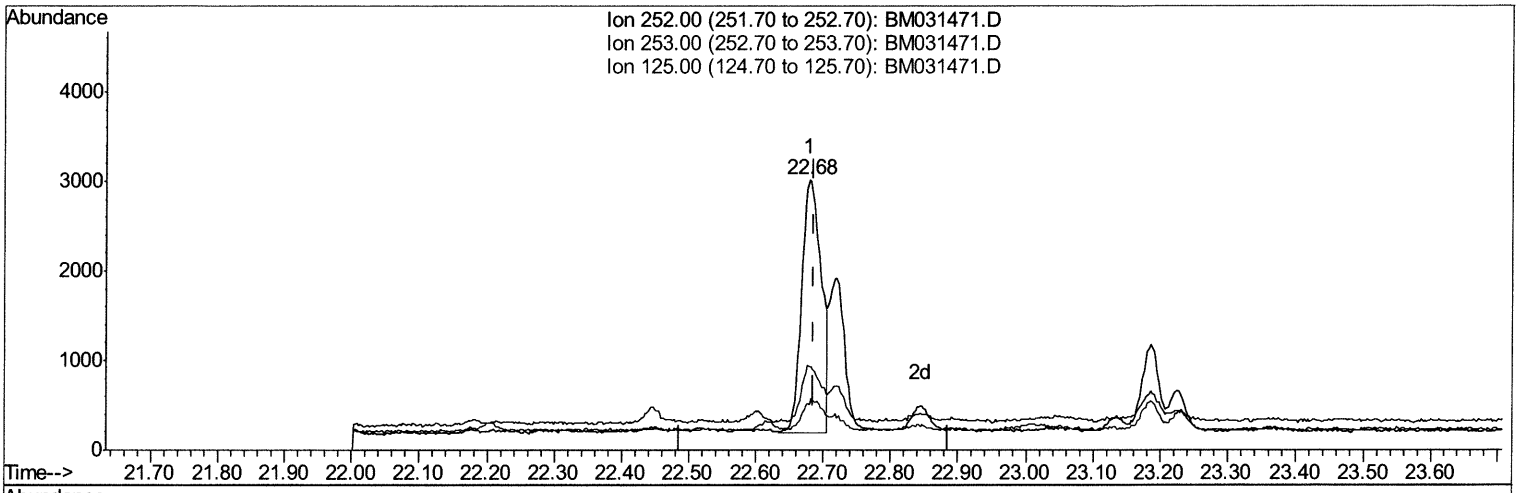
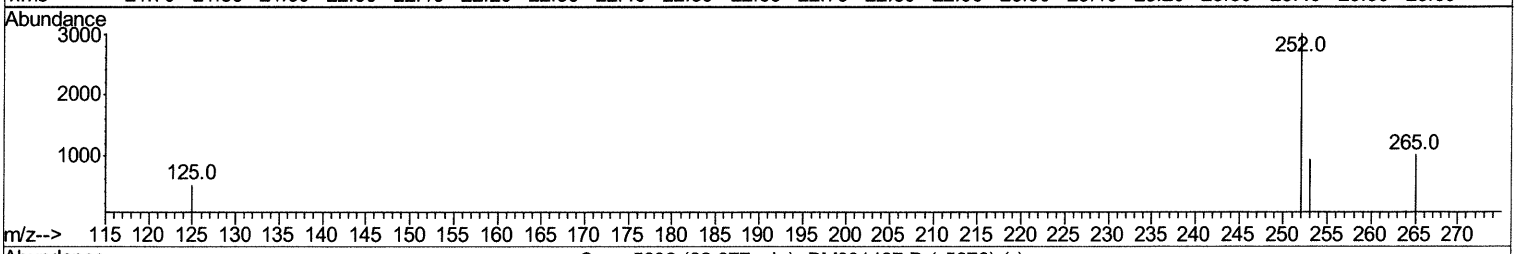
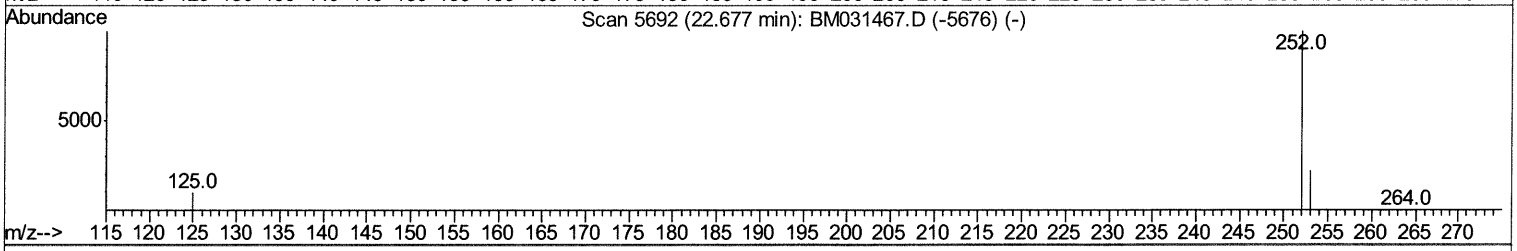
Manual Integrations APPROVED
mohammad
8/5/2021 5:05:03 PM







TIC: BM031471.D

(24) Benzo(b)fluoranthene

22.679min (-0.007) 0.27ng/ul m 08/06/21 JU

response 5717

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	31.00
125.00	11.40	16.96
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BM031471.D
Acq On : 05 Aug 2021 06:12
Operator : CG/JU
Sample : M3141-14
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Aug 05 07:13:00 2021
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Instrument :
BNA_M
ClientSampleId :
BGER3

Manual Integrations APPROVED
mohammad
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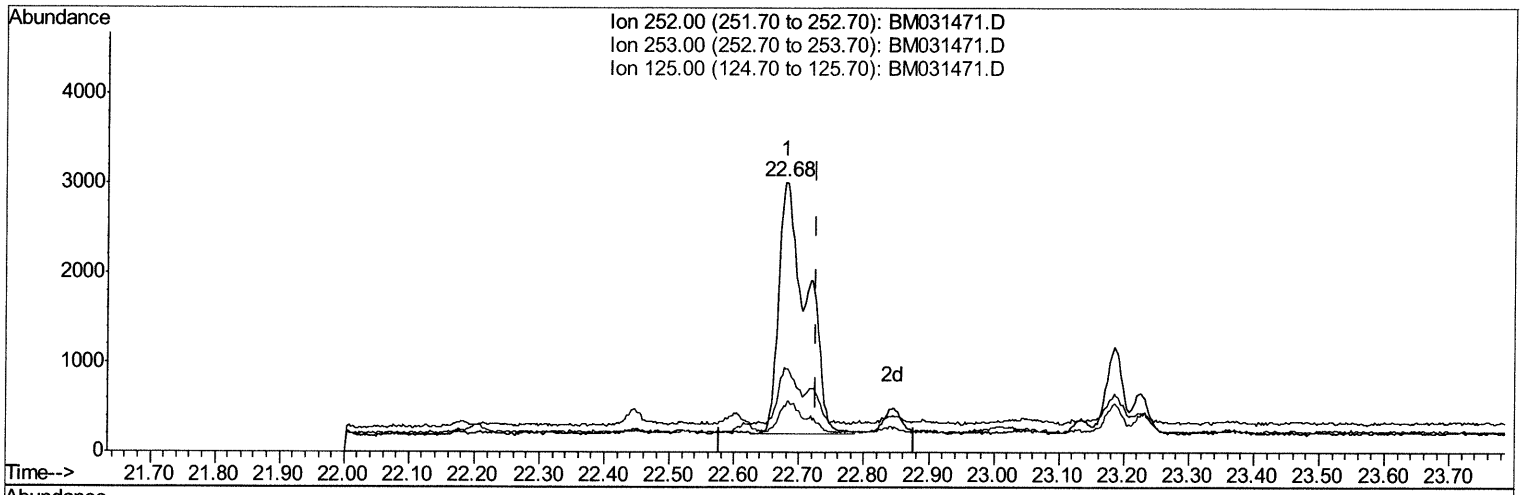

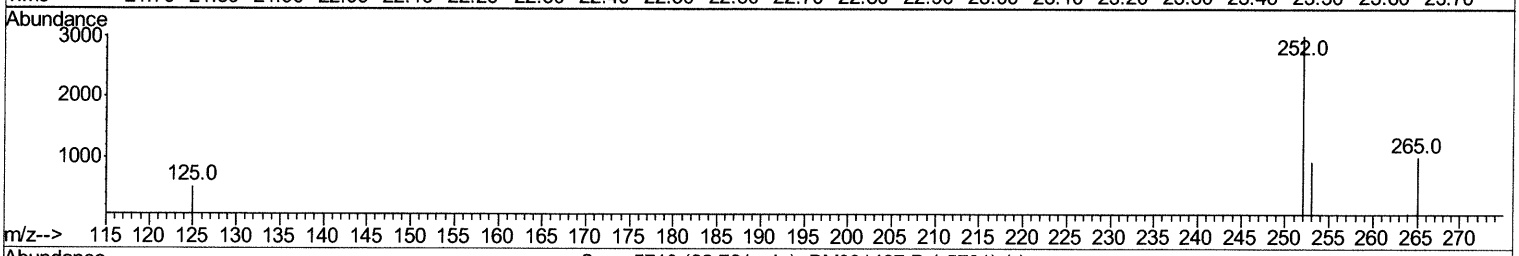

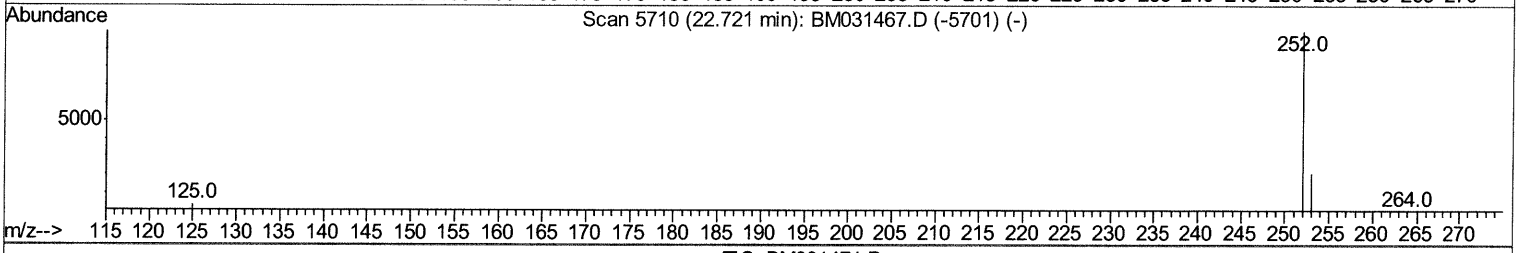

TIC: BM031471.D

(25) Benzo(k)fluoranthene

22.679min (-0.048) 0.38ng/ul

response 8423

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	31.00
125.00	11.00	16.96#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
ALS Vial : 32 Sample Multiplier: 1

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ClientSampleId :
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mohammad
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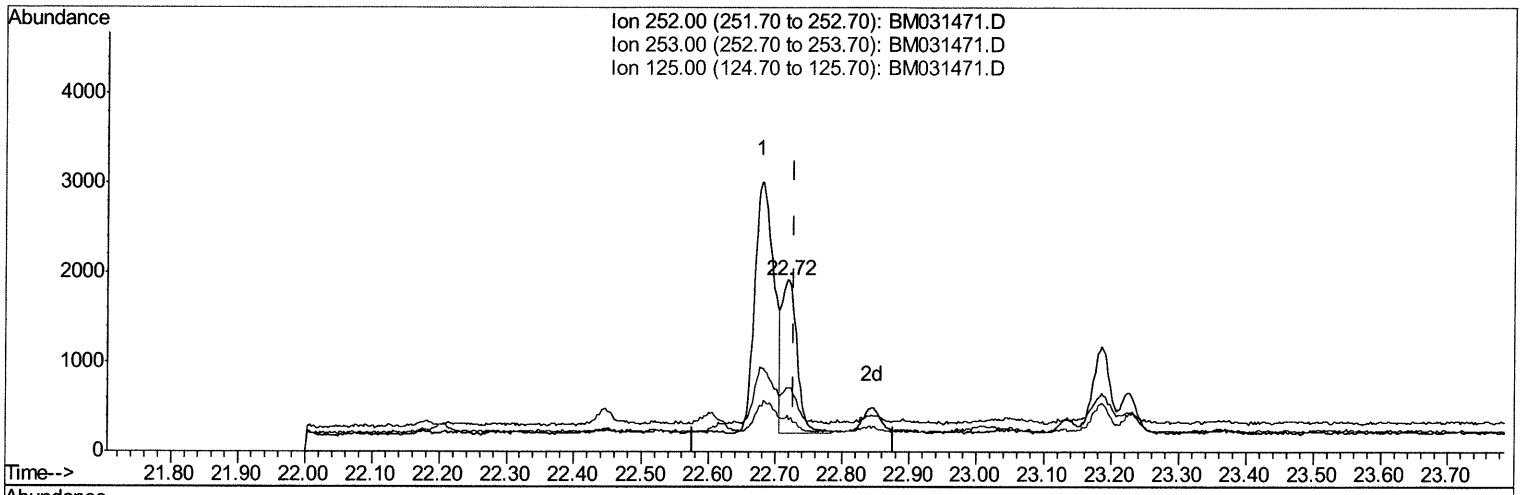

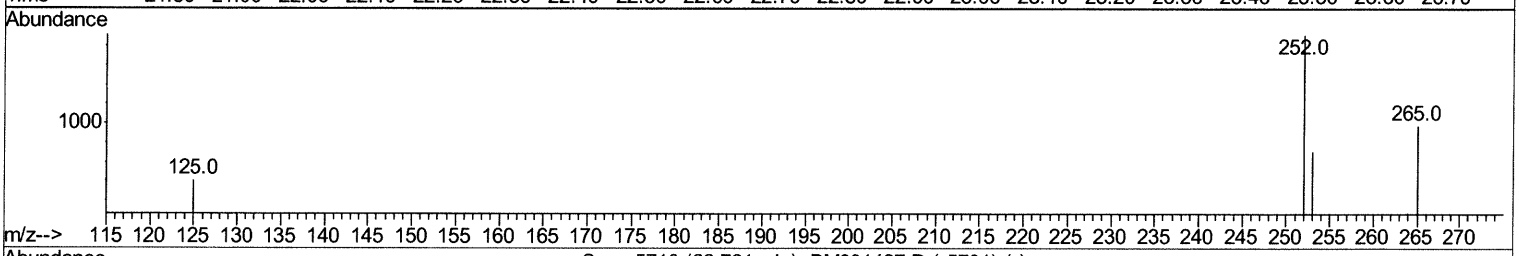

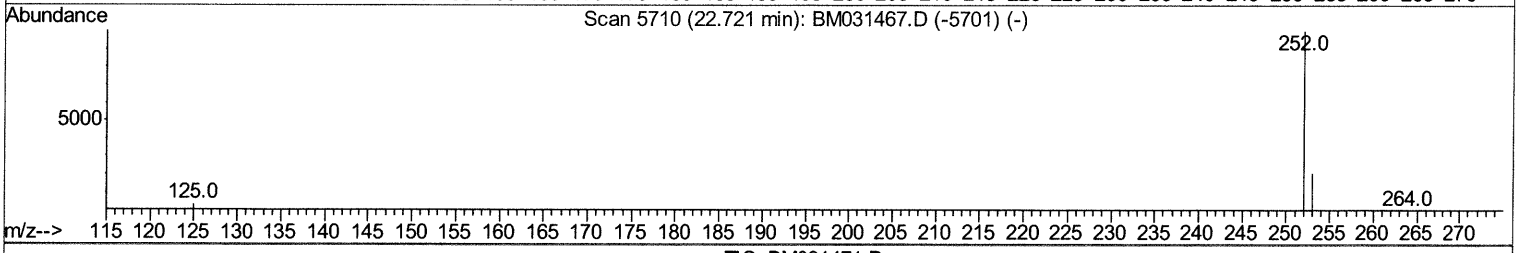

TIC: BM031471.D

(25) Benzo(k)fluoranthene

22.718min (-0.009) 0.12ng/ul m 08/06/21 JU

response 2713

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	36.83#
125.00	11.00	21.28#
0.00	0.00	0.00

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mohammad
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	1299	0.40	ng/ul	0.00
4) Naphthalene-d8	10.35	136	5059	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.22	164	3292	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.97	188	6130	0.40	ng/ul	0.00
17) Chrysene-d12	21.16	240	4681	0.40	ng/ul	0.00
23) Perylene-d12	23.32	264	4712	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	10636	7.37	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.95	152	4098	0.48	ng/ul	0.00
18) Fluoranthene-d10	19.00	212	7884	0.50	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.40	128	1621	0.108	ng/ul#	90
7) 2-Methylnaphthalene	12.02	142	693	0.067	ng/ul	96
8) 1-Methylnaphthalene	12.25	142	552	0.054	ng/ul	99
10) Acenaphthylene	13.95	152	736	0.052	ng/ul#	80
11) Acenaphthene	14.28	153	291	0.025	ng/ul	93
12) Fluorene	15.28	166	557	0.041	ng/ul#	92
15) Phenanthrene	17.01	178	5845	0.300	ng/ul	98
16) Anthracene	17.10	178	1262	0.069	ng/ul#	90
19) Fluoranthene	19.03	202	10493	0.525	ng/ul	97
20) Pyrene	19.40	202	3486m >	0.172	ng/ul >	08/06/21 JU
21) Benzo(a)anthracene	21.15	228	5872	0.311	ng/ul	96
22) Chrysene	21.20	228	5571	0.285	ng/ul	97
24) Benzo(b)fluoranthene	22.68	252	5717m >	0.269	ng/ul >	08/06/21 JU
25) Benzo(k)fluoranthene	22.72	252	2713m >	0.124	ng/ul	
26) Benzo(a)pyrene	23.22	252	720	0.039	ng/ul#	18
27) Indeno(1,2,3-cd)pyrene	25.46	276	804	0.033	ng/ul#	81
28) Dibenzo(a,h)anthracene	25.47	278	792	0.041	ng/ul#	42

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