

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
 Data File : BM048386.D
 Acq On : 01 Nov 2024 09:32
 Operator : RC/JU
 Sample : P4592-06
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F7H06

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/04/2024

Quant Time: Nov 03 21:48:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 31 14:58:12 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.708	152	4662	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.491	136	15203	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.349	164	8270	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.091	188	16892m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.292	240	13300m	0.400	ng/ul	0.00
23) Perylene-d12	23.516	264	10761m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	35727	6.240	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.113	152	9297	0.481	ng/ul	-0.03
18) Fluoranthene-d10	19.123	212	20129	0.596	ng/ul	-0.01
Target Compounds						
5) Naphthalene	10.541	128	2493	0.063	ng/ul#	94
11) Acenaphthene	14.410	153	524	0.020	ng/ul	95
15) Phenanthrene	17.133	178	1905m	0.045	ng/ul	
19) Fluoranthene	19.151	202	2080	0.045	ng/ul#	74
21) Benzo(a)anthracene	21.283	228	857	0.022	ng/ul#	75
24) Benzo(b)fluoranthene	22.838	252	1541m	0.042	ng/ul	
25) Benzo(k)fluoranthene	22.879	252	895m	0.021	ng/ul	

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

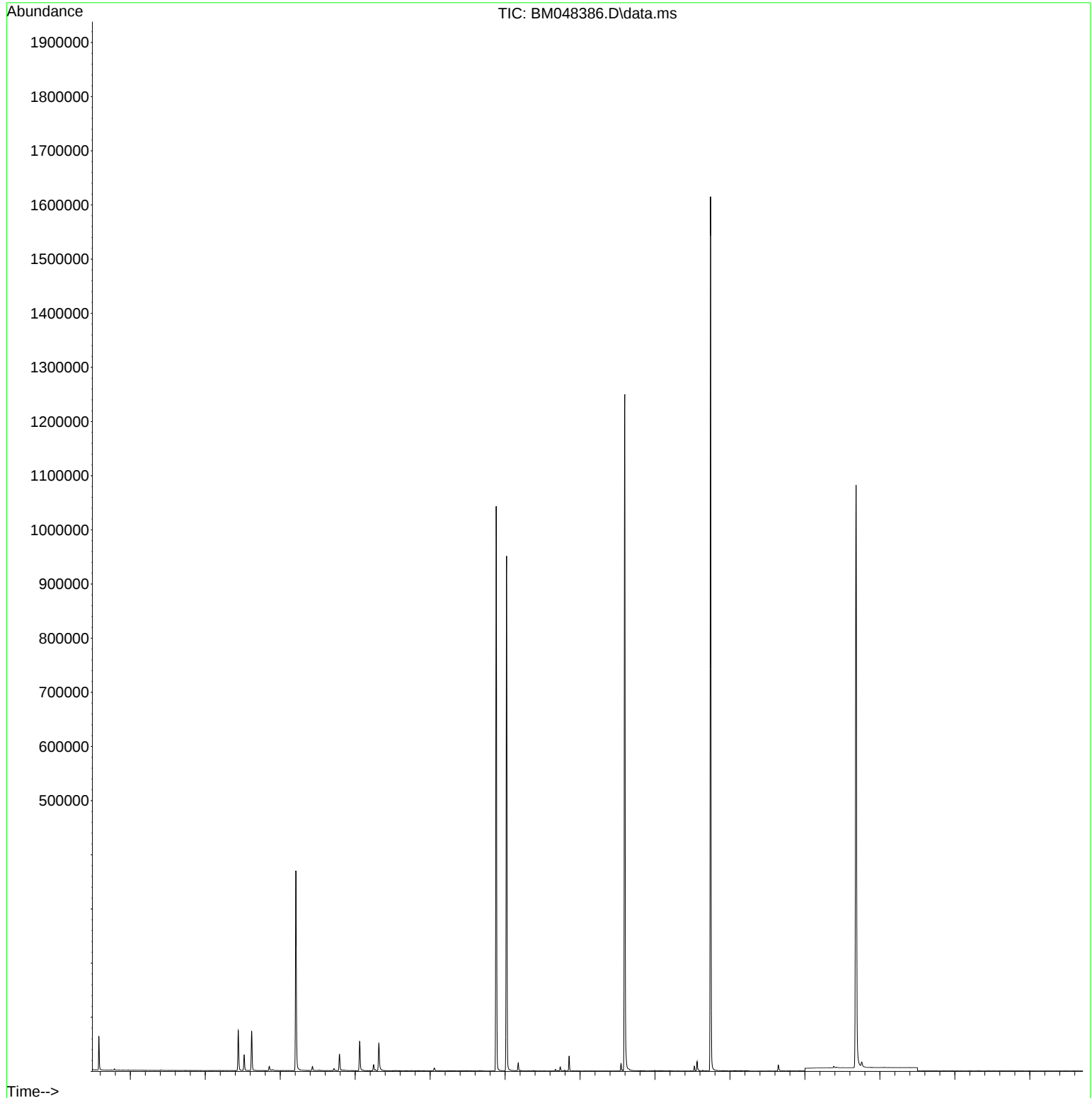
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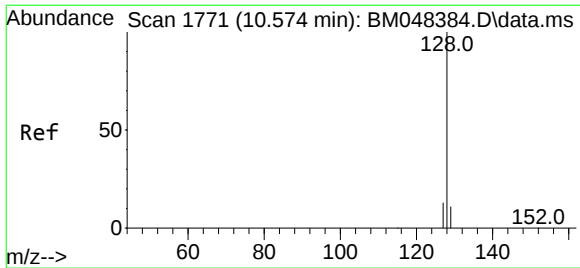
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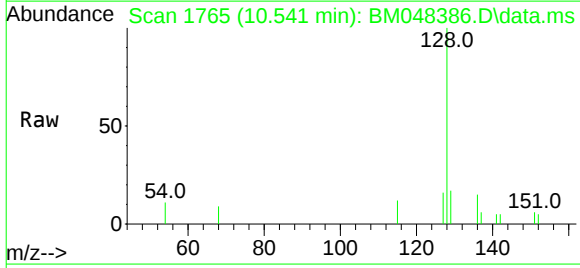
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Supervised By :mohammad ahmed 11/04/2024





#5
Naphthalene
Concen: 0.063 ng/u1
RT: 10.541 min Scan# 17
Delta R.T. -0.038 min
Lab File: BM048386.D
Acq: 01 Nov 2024 09:32

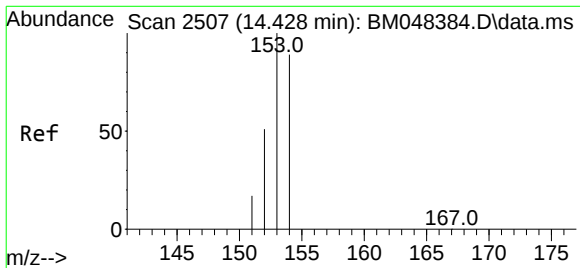
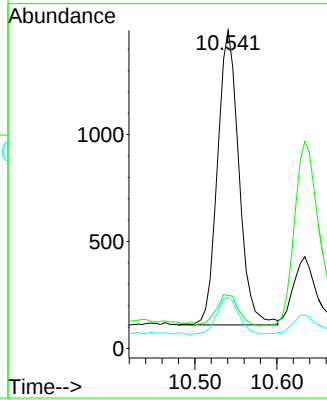
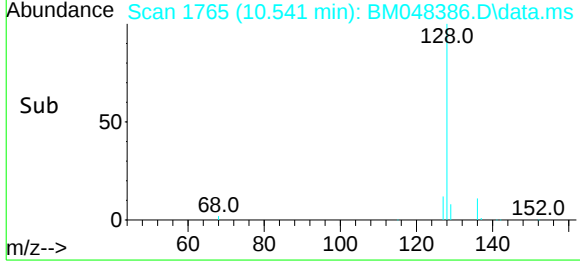
Instrument :
BNA_M
ClientSampleId :
F7H06



Tgt Ion:128 Resp: 2493
Ion Ratio Lower Upper
128 100
129 16.6 10.6 15.8#
127 16.1 11.4 17.2

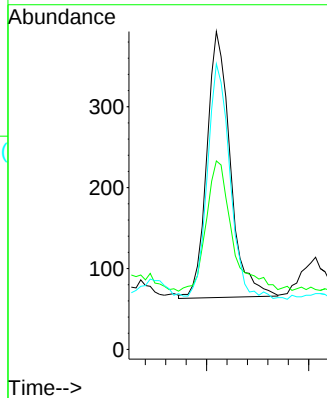
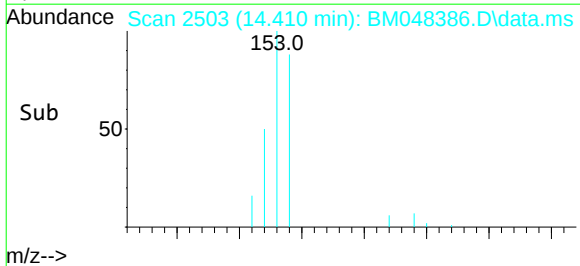
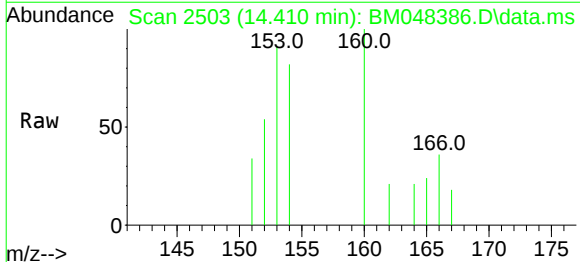
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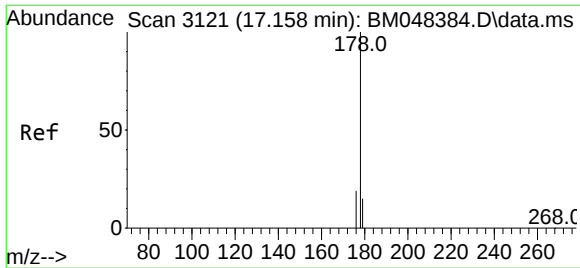
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#11
Acenaphthene
Concen: 0.020 ng/u1
RT: 14.410 min Scan# 2503
Delta R.T. -0.018 min
Lab File: BM048386.D
Acq: 01 Nov 2024 09:32

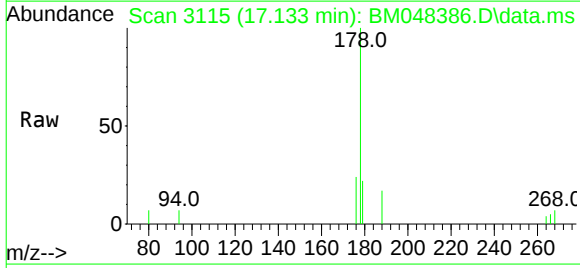
Tgt Ion:153 Resp: 524
Ion Ratio Lower Upper
153 100
152 59.3 40.7 61.1
154 89.8 70.6 106.0





#15
Phenanthrene
Concen: 0.045 ng/ul m
RT: 17.133 min Scan# 3115
Delta R.T. -0.025 min
Lab File: BM048386.D
Acq: 01 Nov 2024 09:32

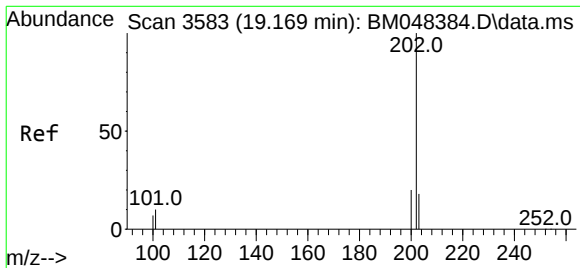
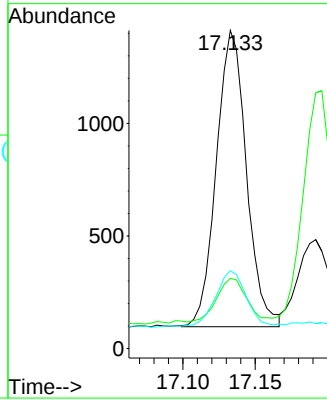
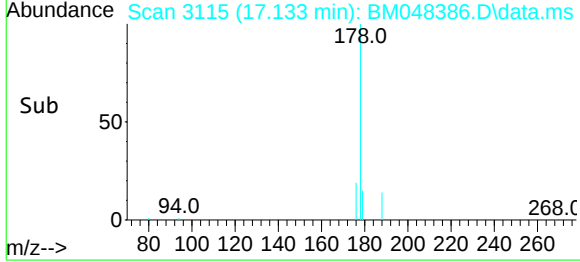
Instrument :
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F7H06



Tgt Ion:178 Resp: 1905
Ion Ratio Lower Upper
178 100
179 22.1 13.9 20.9#
176 24.5 16.0 24.0#

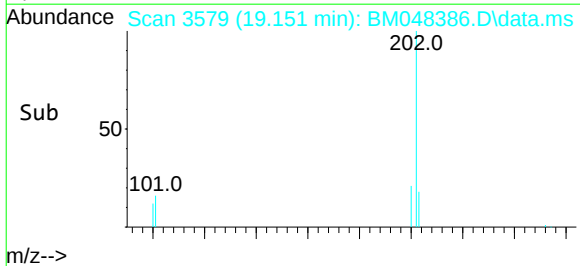
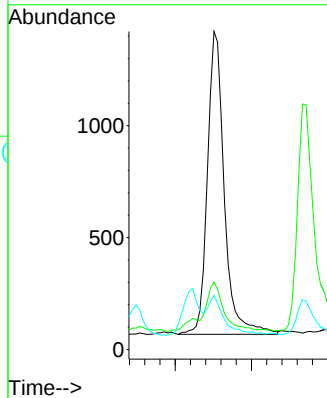
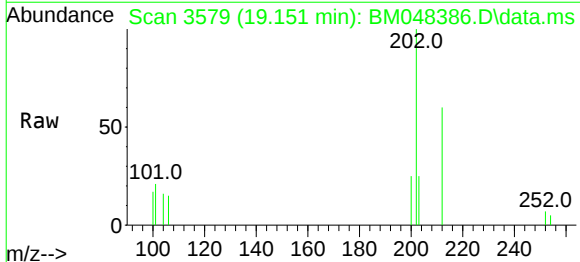
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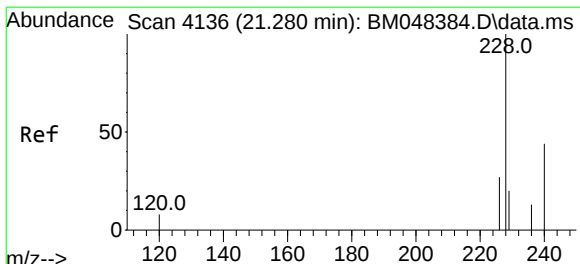
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#19
Fluoranthene
Concen: 0.045 ng/ul
RT: 19.151 min Scan# 3579
Delta R.T. -0.019 min
Lab File: BM048386.D
Acq: 01 Nov 2024 09:32

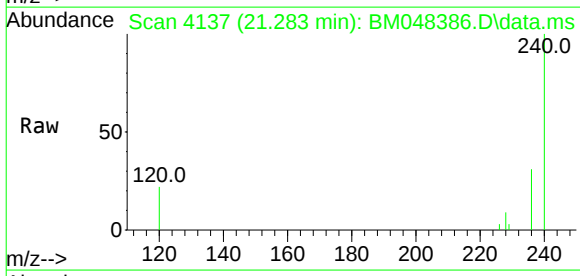
Tgt Ion:202 Resp: 2080
Ion Ratio Lower Upper
202 100
101 21.3 9.0 13.4#
100 17.0 6.6 10.0#





#21
Benzo(a)anthracene
Concen: 0.022 ng/u1
RT: 21.283 min Scan# 4136
Delta R.T. 0.003 min
Lab File: BM048386.D
Acq: 01 Nov 2024 09:32

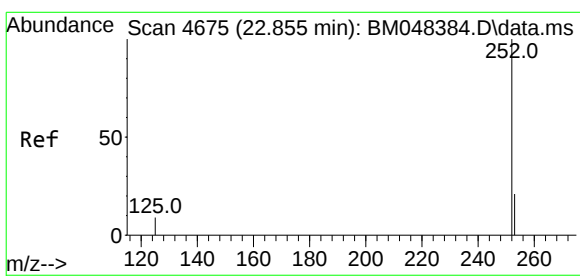
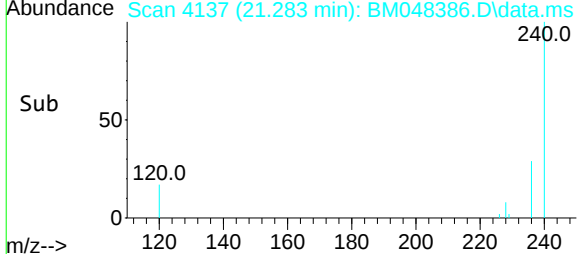
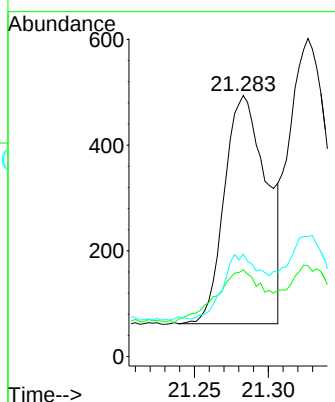
Instrument :
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Tgt Ion	Ratio	Lower	Upper
228	100		
229	33.2	15.9	23.9
226	39.3	22.1	33.1

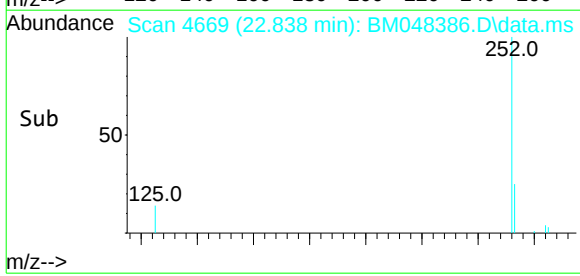
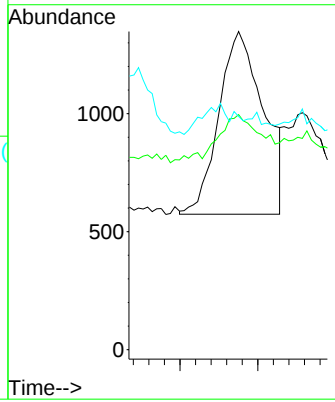
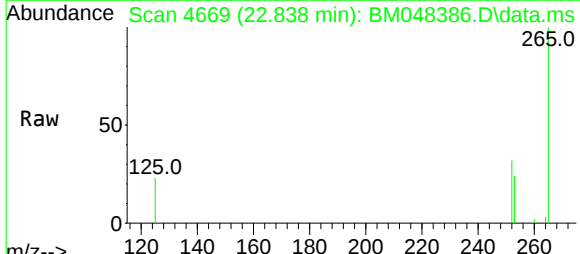
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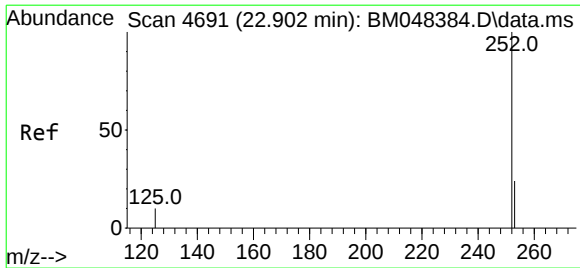
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Supervised By :mohammad ahmed 11/04/2024



#24
Benzo(b)fluoranthene
Concen: 0.042 ng/u1 m
RT: 22.838 min Scan# 4669
Delta R.T. -0.023 min
Lab File: BM048386.D
Acq: 01 Nov 2024 09:32

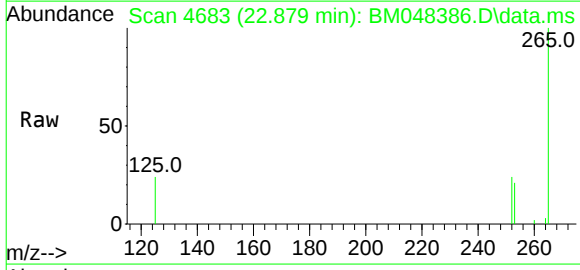
Tgt Ion	Ratio	Lower	Upper
252	100		
253	73.9	0.0	59.4
125	73.3	0.0	38.0





#25
Benzo(k)fluoranthene
Concen: 0.021 ng/ul m
RT: 22.879 min Scan# 46
Delta R.T. -0.026 min
Lab File: BM048386.D
Acq: 01 Nov 2024 09:32

Instrument :
BNA_M
ClientSampleId :
F7H06



Tgt	Ion	Ratio	Lower	Upper
252	100			
253	89.1	23.4	35.0	
125	101.6	15.3	22.9	

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