

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
 Data File : BM048391.D
 Acq On : 01 Nov 2024 12:34
 Operator : RC/JU
 Sample : P4592-10
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F7H18

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

11/04/2024

Supervised By :mohammad
 ahmed

Quant Time: Nov 03 21:49:14 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	4627	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.491	136	15078	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.349	164	8223	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.095	188	16577m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.286	240	13122m	0.400	ng/ul	0.00
23) Perylene-d12	23.516	264	11228m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	18351	3.229	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.119	152	4260	0.222	ng/ul	-0.02
18) Fluoranthene-d10	19.123	212	10086	0.303	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.541	128	15166	0.385	ng/ul	97
7) 2-Methylnaphthalene	12.190	142	1169	0.050	ng/ul	97
8) 1-Methylnaphthalene	12.405	142	786	0.031	ng/ul	94
10) Acenaphthylene	14.072	152	892	0.028	ng/ul#	70
11) Acenaphthene	14.414	153	1501	0.059	ng/ul	97
12) Fluorene	15.404	166	1474	0.052	ng/ul#	98
15) Phenanthrene	17.133	178	4872m	0.118	ng/ul	
16) Anthracene	17.226	178	1190m	0.031	ng/ul	
19) Fluoranthene	19.156	202	7742	0.171	ng/ul	96
20) Pyrene	19.513	202	14233m	0.293	ng/ul	
21) Benzo(a)anthracene	21.277	228	5043m	0.128	ng/ul	
22) Chrysene	21.321	228	5882m	0.109	ng/ul	
24) Benzo(b)fluoranthene	22.841	252	11464m	0.299	ng/ul	
25) Benzo(k)fluoranthene	22.879	252	4263m	0.094	ng/ul	
26) Benzo(a)pyrene	23.411	252	4639	0.129	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	25.819	276	3561	0.071	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.826	278	930	0.024	ng/ul#	1
29) Benzo(g,h,i)perylene	26.513	276	3173	0.075	ng/ul#	79

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

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ALS Vial : 44 Sample Multiplier: 1

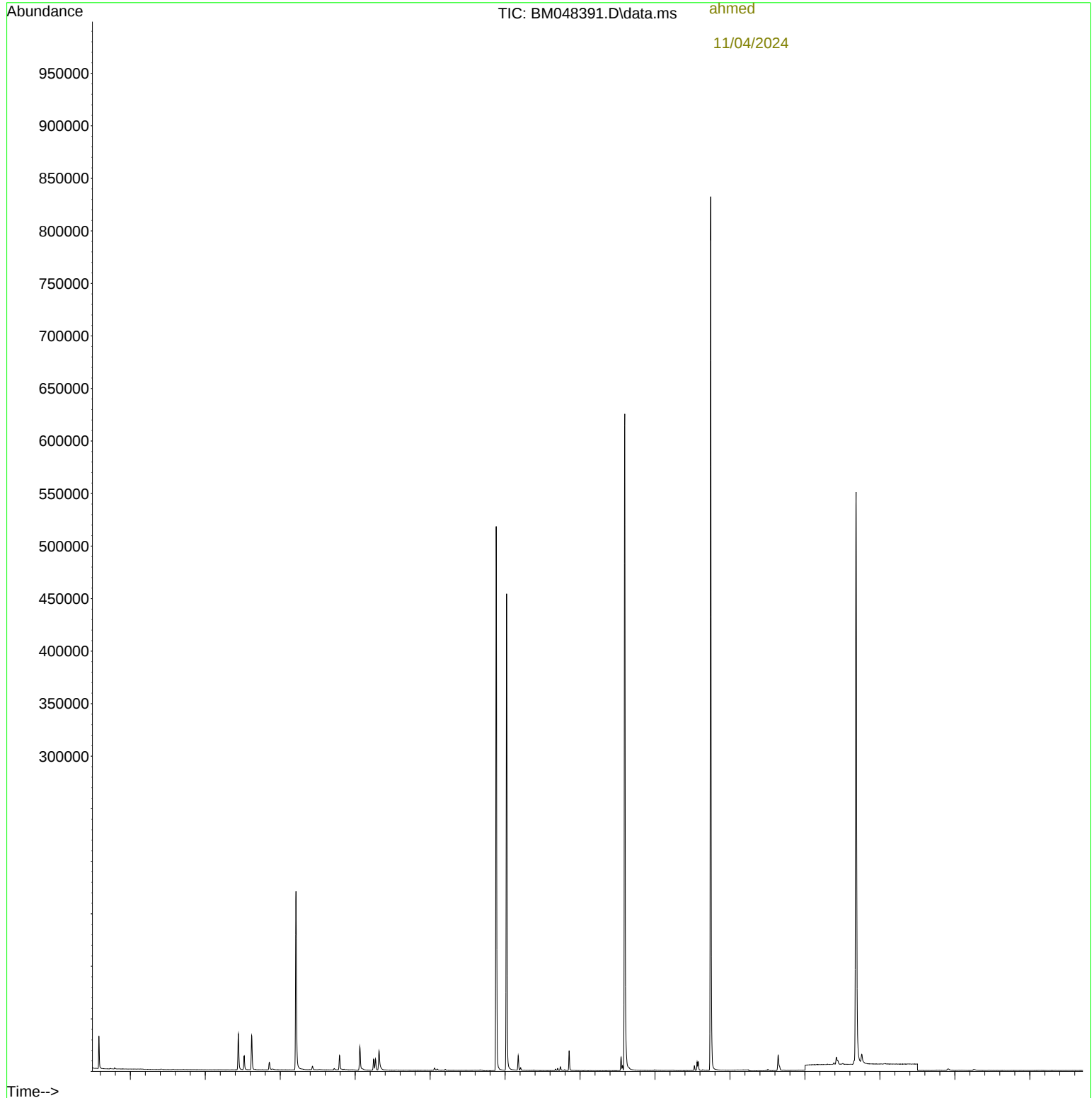
Instrument :
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ClientSampleId :
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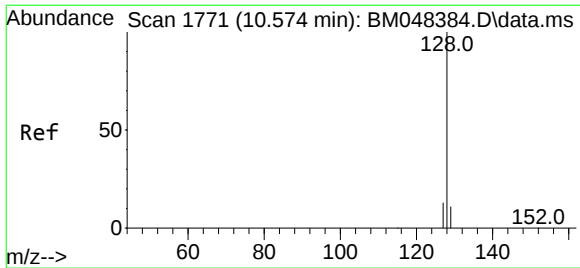
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Patel

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ahmed

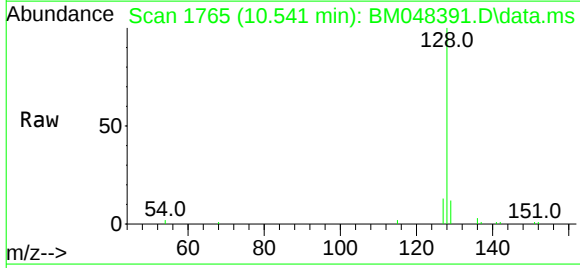
Quant Time: Nov 03 21:49:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.385 ng/u1
RT: 10.541 min Scan# 1771
Delta R.T. -0.038 min
Lab File: BM048391.D
Acq: 01 Nov 2024 12:34

Instrument :
BNA_M
ClientSampleId :
F7H18



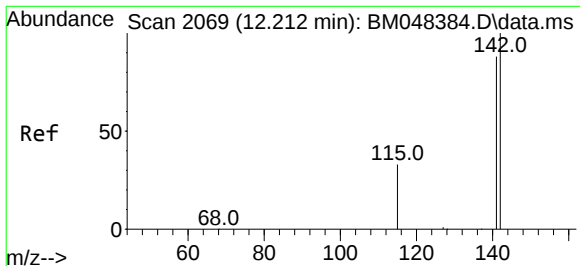
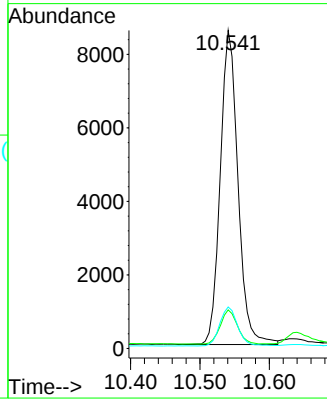
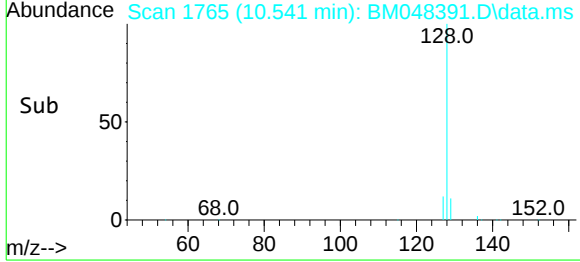
Tgt Ion:128 Resp: 15166
Ion Ratio Lower Upper
128 100
129 12.1 10.6 15.8
127 13.1 11.4 17.2

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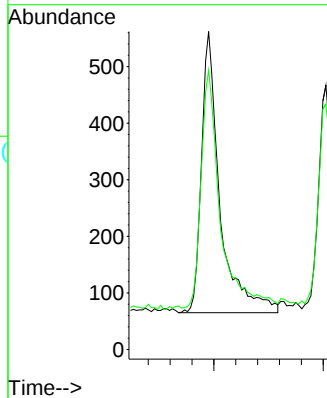
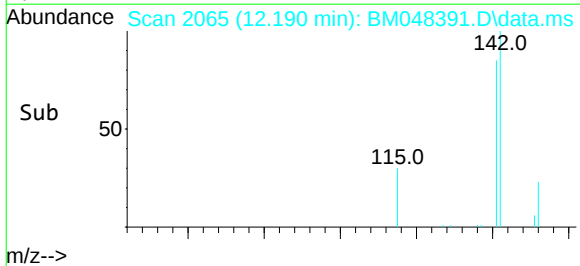
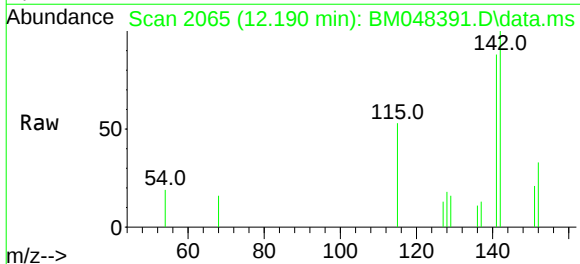
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Supervised By :mohammad
ahmed

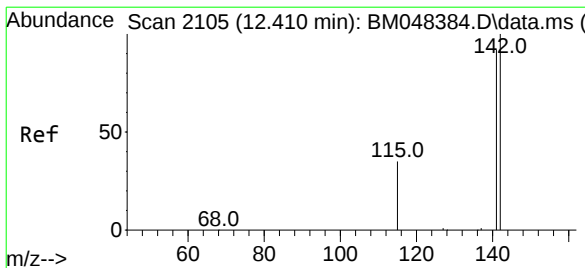
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#7
2-Methylnaphthalene
Concen: 0.050 ng/u1
RT: 12.190 min Scan# 2065
Delta R.T. -0.022 min
Lab File: BM048391.D
Acq: 01 Nov 2024 12:34

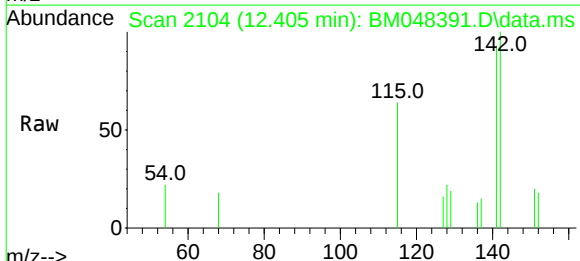
Tgt Ion:142 Resp: 1169
Ion Ratio Lower Upper
142 100
141 87.2 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.031 ng/u1
RT: 12.405 min Scan# 2105
Delta R.T. -0.011 min
Lab File: BM048391.D
Acq: 01 Nov 2024 12:34

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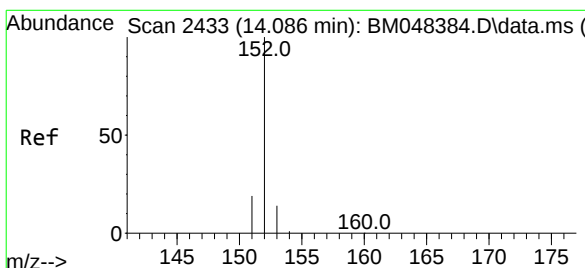
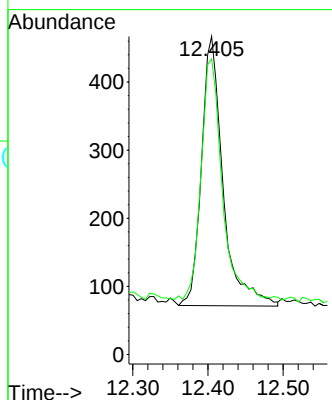
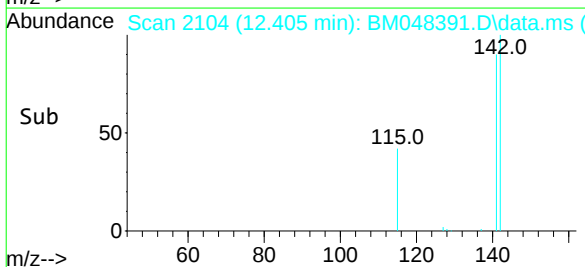
Tgt Ion:142 Resp: 786
Ion Ratio Lower Upper
142 100
141 88.2 75.5 113.3

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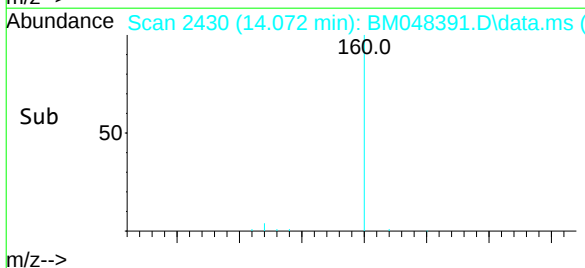
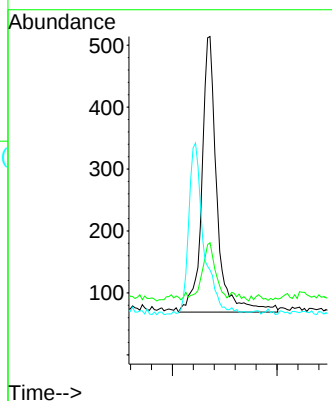
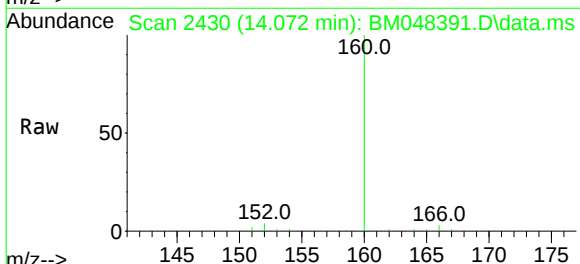
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Supervised By :mohammad
ahmed

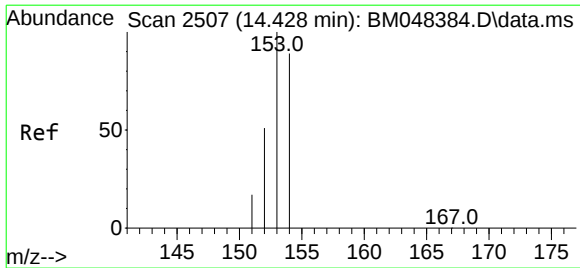
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#10
Acenaphthylene
Concen: 0.028 ng/u1
RT: 14.072 min Scan# 2430
Delta R.T. -0.018 min
Lab File: BM048391.D
Acq: 01 Nov 2024 12:34

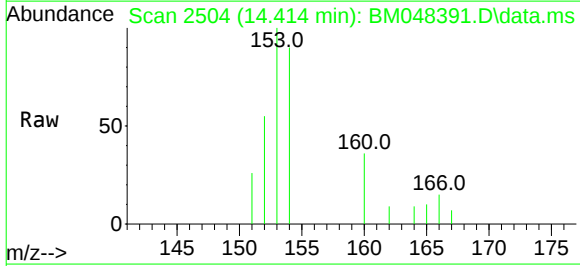
Tgt Ion:152 Resp: 892
Ion Ratio Lower Upper
152 100
151 35.2 16.6 24.8#
153 26.7 11.8 17.6#





#11
Acenaphthene
Concen: 0.059 ng/u1
RT: 14.414 min Scan# 2501
Delta R.T. -0.014 min
Lab File: BM048391.D
Acq: 01 Nov 2024 12:34

Instrument :
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ClientSampleId :
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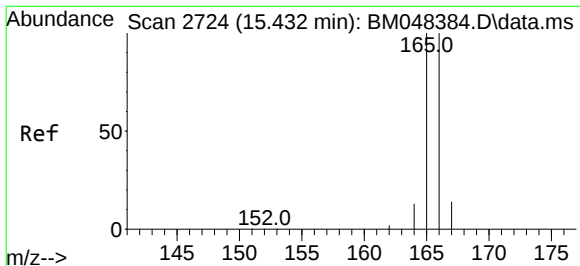
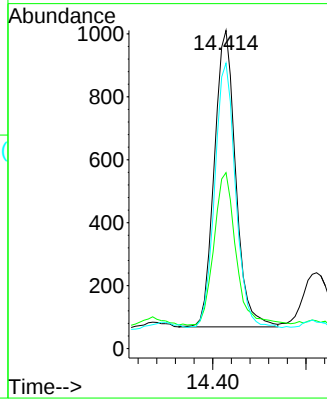
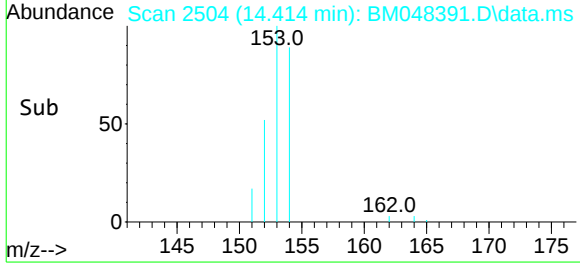
Tgt Ion	Ratio	Lower	Upper
153	100		
152	55.3	40.7	61.1
154	89.7	70.6	106.0

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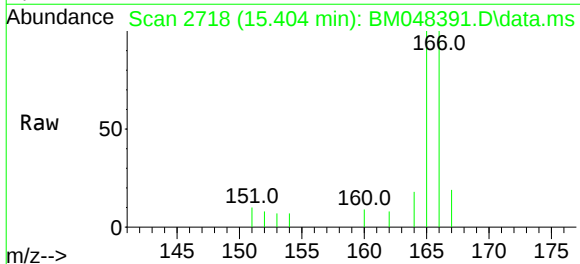
Reviewed By :Yogesh
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Supervised By :mohammad
ahmed

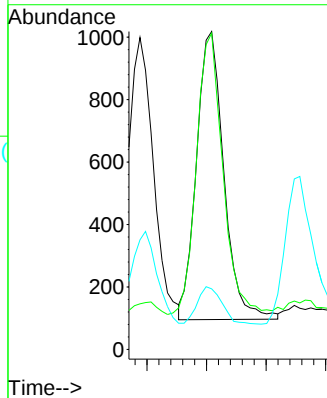
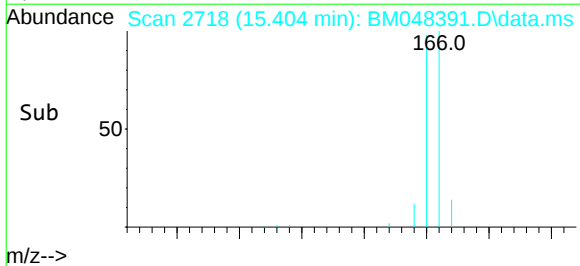
11/04/2024

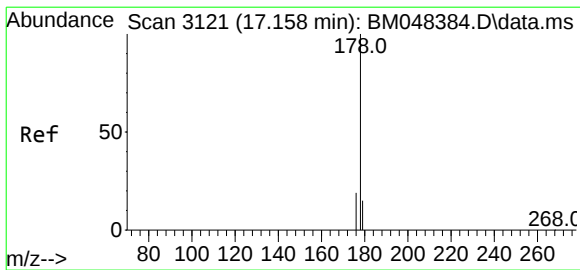


#12
Fluorene
Concen: 0.052 ng/u1
RT: 15.404 min Scan# 2718
Delta R.T. -0.028 min
Lab File: BM048391.D
Acq: 01 Nov 2024 12:34



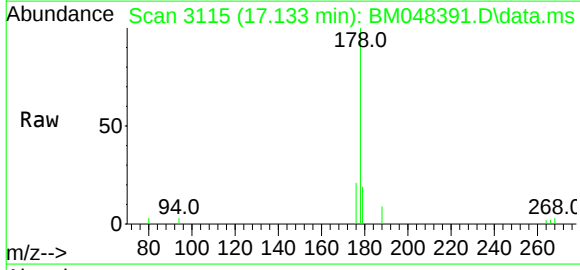
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.5	78.6	118.0
167	19.1	12.1	18.1





#15
Phenanthrene
Concen: 0.118 ng/u1 m
RT: 17.133 min Scan# 3115
Delta R.T. -0.025 min
Lab File: BM048391.D
Acq: 01 Nov 2024 12:34

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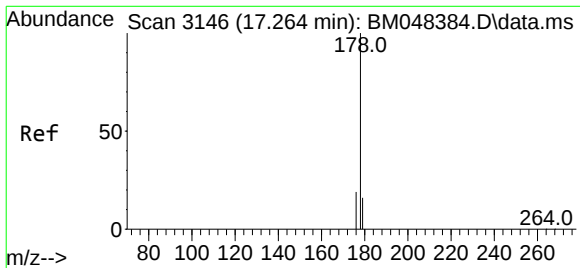
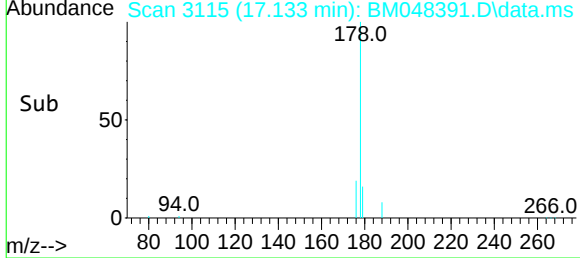
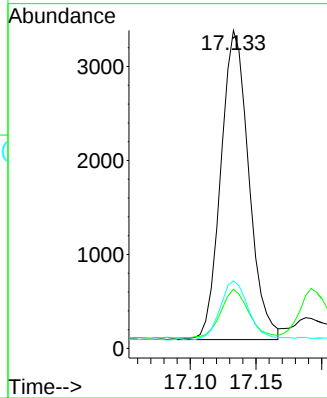
Tgt Ion:178 Resp: 4872
Ion Ratio Lower Upper
178 100
179 18.6 13.9 20.9
176 21.2 16.0 24.0

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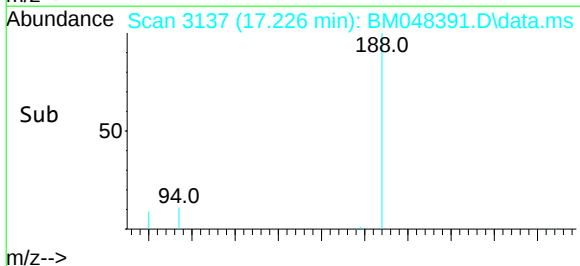
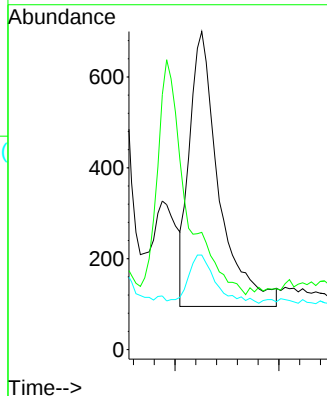
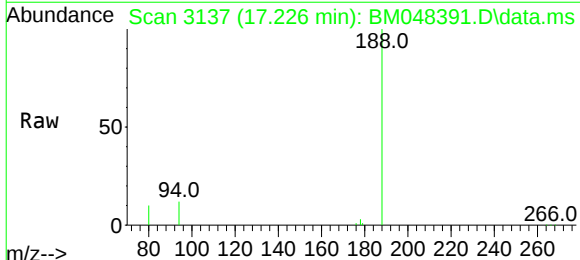
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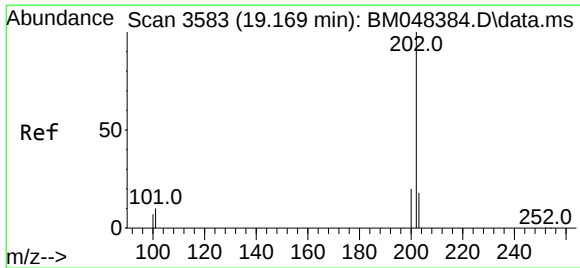
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#16
Anthracene
Concen: 0.031 ng/u1 m
RT: 17.226 min Scan# 3137
Delta R.T. -0.034 min
Lab File: BM048391.D
Acq: 01 Nov 2024 12:34

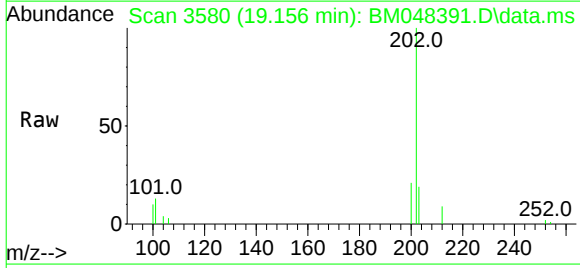
Tgt Ion:178 Resp: 1190
Ion Ratio Lower Upper
178 100
179 36.9 14.2 21.2#
176 29.7 15.8 23.6#





#19
Fluoranthene
Concen: 0.171 ng/u1
RT: 19.156 min Scan# 3583
Delta R.T. -0.014 min
Lab File: BM048391.D
Acq: 01 Nov 2024 12:34

Instrument :
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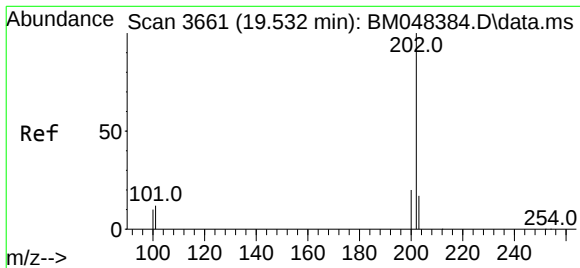
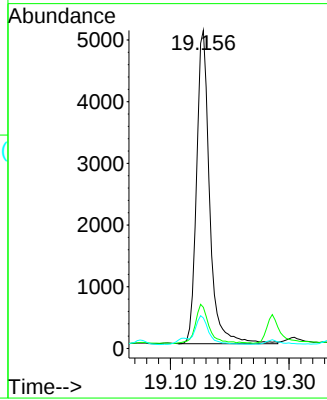
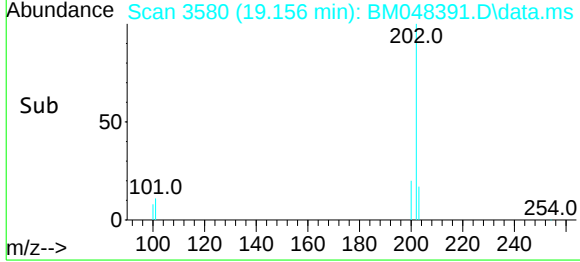
Tgt Ion:202 Resp: 7742
Ion Ratio Lower Upper
202 100
101 12.9 9.0 13.4
100 9.6 6.6 10.0

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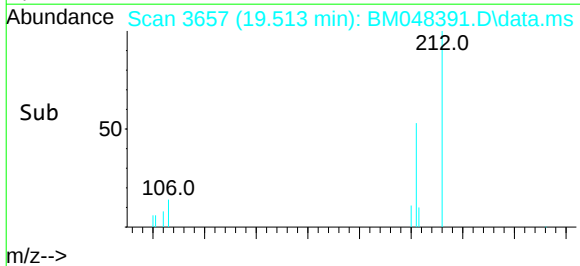
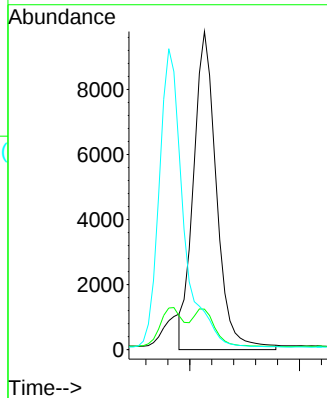
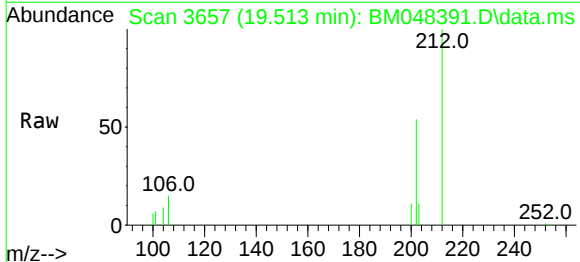
11/04/2024
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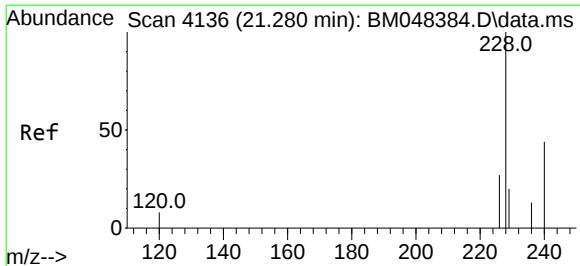
11/04/2024



#20
Pyrene
Concen: 0.293 ng/u1 m
RT: 19.513 min Scan# 3657
Delta R.T. -0.018 min
Lab File: BM048391.D
Acq: 01 Nov 2024 12:34

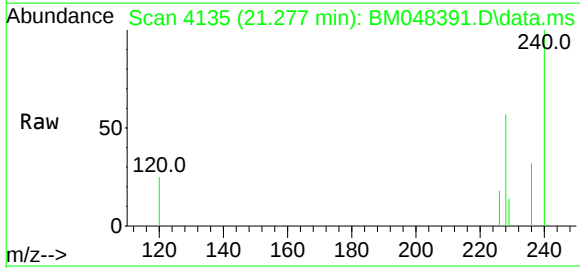
Tgt Ion:202 Resp: 14233
Ion Ratio Lower Upper
202 100
101 12.7 10.0 15.0
100 11.9 8.0 12.0





#21
Benzo(a)anthracene
Concen: 0.128 ng/u1 m
RT: 21.277 min Scan# 4135
Delta R.T. -0.003 min
Lab File: BM048391.D
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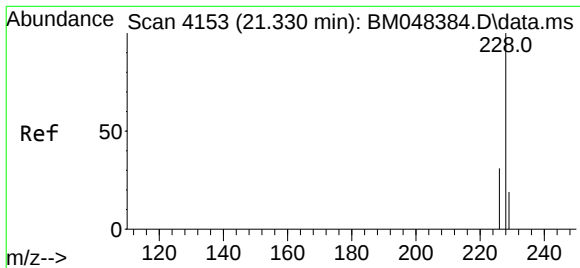
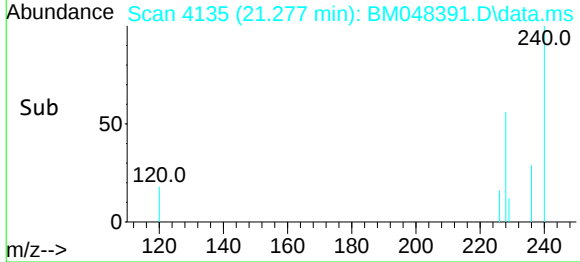
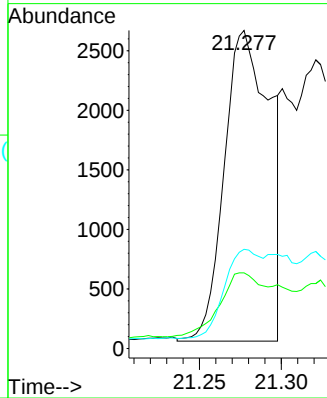
Tgt Ion:	228	Resp:	5043
Ion Ratio	Lower	Upper	
228	100		
229	23.8	15.9	23.9
226	31.2	22.1	33.1

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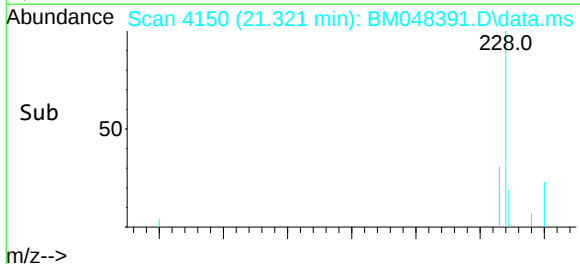
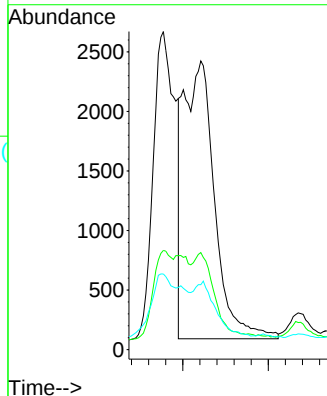
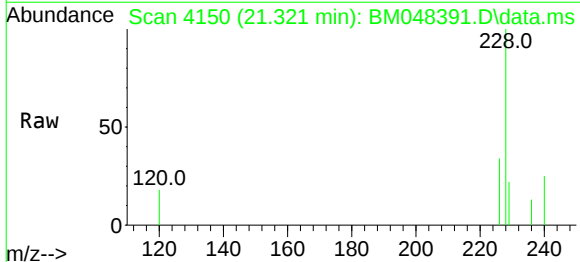
11/04/2024
Supervised By :mohammad
ahmed

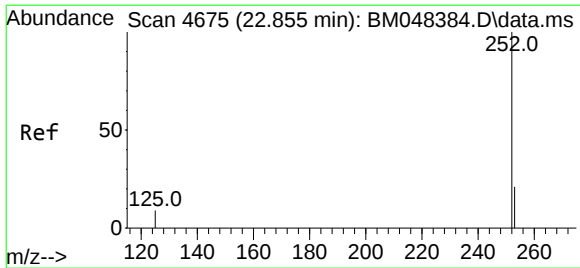
11/04/2024



#22
Chrysene
Concen: 0.109 ng/u1 m
RT: 21.321 min Scan# 4150
Delta R.T. -0.006 min
Lab File: BM048391.D
Acq: 01 Nov 2024 12:34

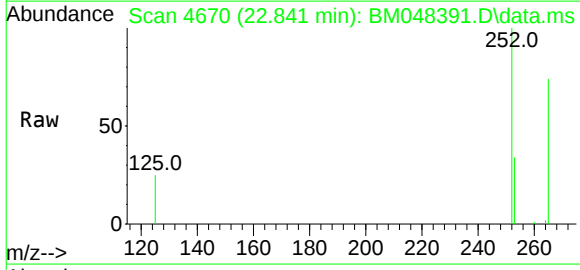
Tgt Ion:	228	Resp:	5882
Ion Ratio	Lower	Upper	
228	100		
226	33.6	24.1	36.1
229	22.5	15.9	23.9





#24
Benzo(b)fluoranthene
Concen: 0.299 ng/u1 m
RT: 22.841 min Scan# 4675
Delta R.T. -0.020 min
Lab File: BM048391.D
Acq: 01 Nov 2024 12:34

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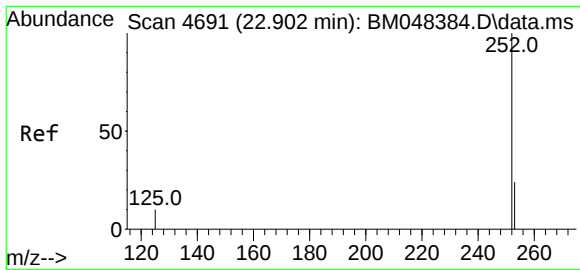
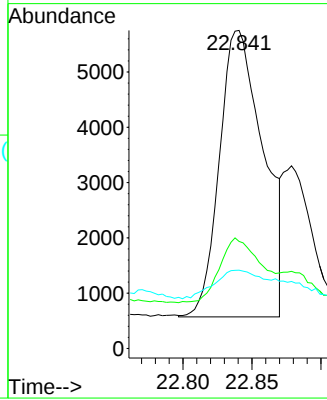
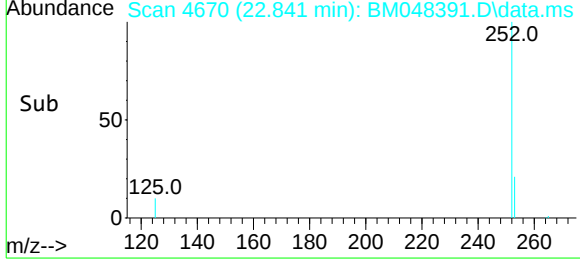
Tgt Ion:252 Resp: 11464
Ion Ratio Lower Upper
252 100
253 33.7 0.0 59.4
125 24.6 0.0 38.0

Manual Integrations
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Patel

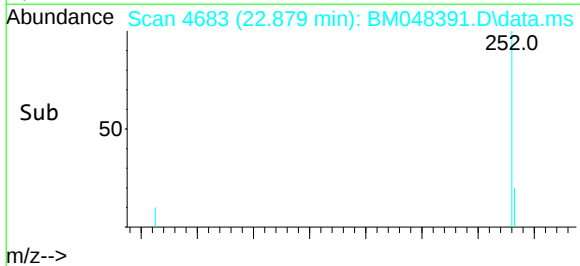
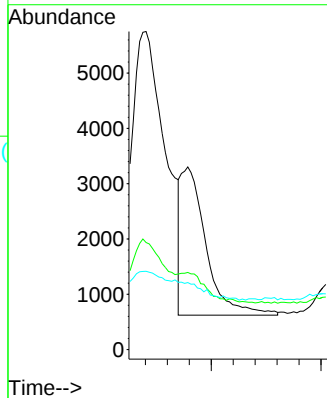
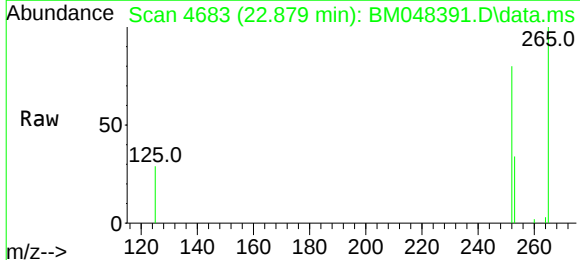
11/04/2024
Supervised By :mohammad
ahmed

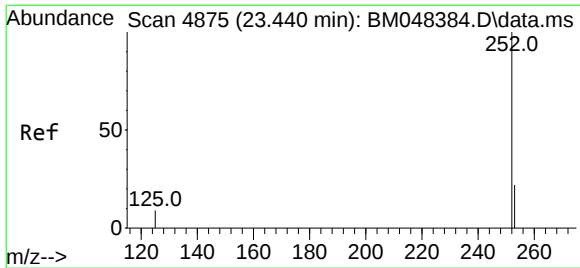
11/04/2024



#25
Benzo(k)fluoranthene
Concen: 0.094 ng/u1 m
RT: 22.879 min Scan# 4683
Delta R.T. -0.026 min
Lab File: BM048391.D
Acq: 01 Nov 2024 12:34

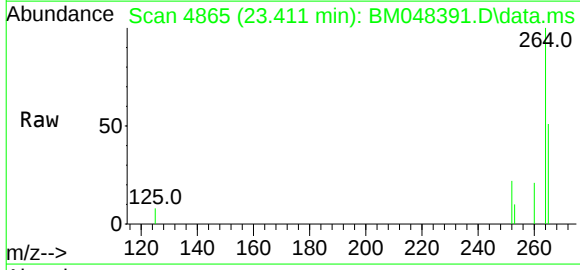
Tgt Ion:252 Resp: 4263
Ion Ratio Lower Upper
252 100
253 42.2 23.4 35.0#
125 36.7 15.3 22.9#





#26
Benzo(a)pyrene
Concen: 0.129 ng/u1
RT: 23.411 min Scan# 4875
Delta R.T. -0.029 min
Lab File: BM048391.D
Acq: 01 Nov 2024 12:34

Instrument :
BNA_M
ClientSampleId :
F7H18



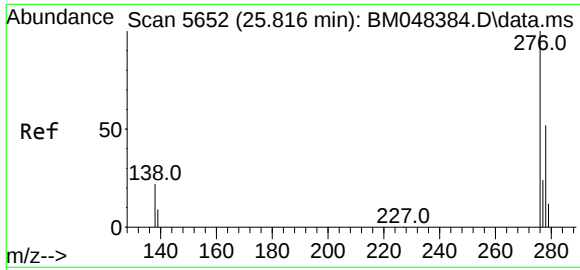
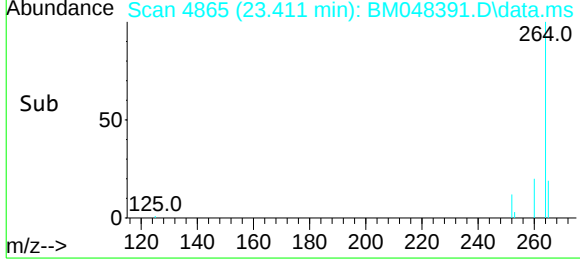
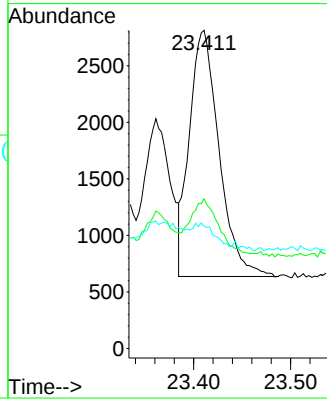
Tgt Ion:	252	Resp:	4639
Ion Ratio	Lower	Upper	
252	100		
253	47.1	27.7	41.5#
125	38.4	21.1	31.7#

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

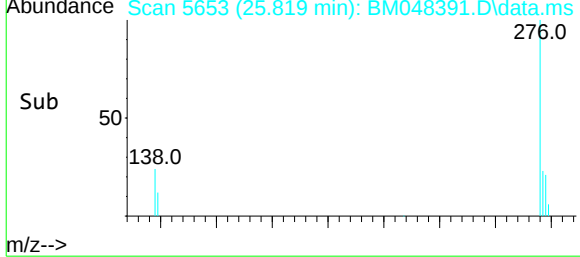
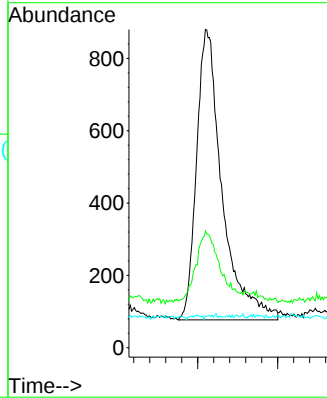
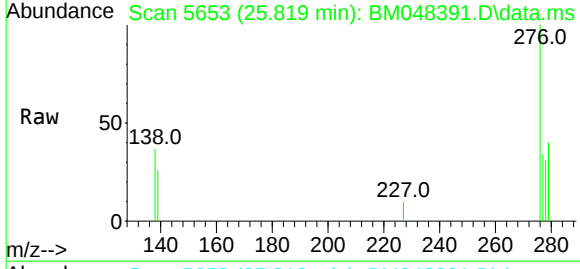
11/04/2024
Supervised By :mohammad
ahmed

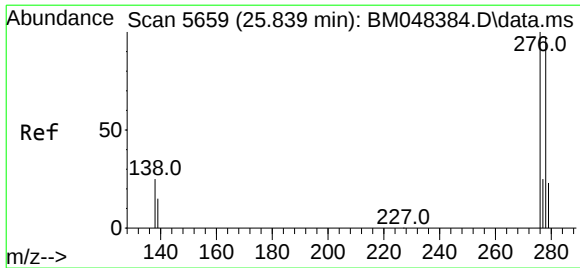
11/04/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.071 ng/u1
RT: 25.819 min Scan# 5653
Delta R.T. 0.007 min
Lab File: BM048391.D
Acq: 01 Nov 2024 12:34

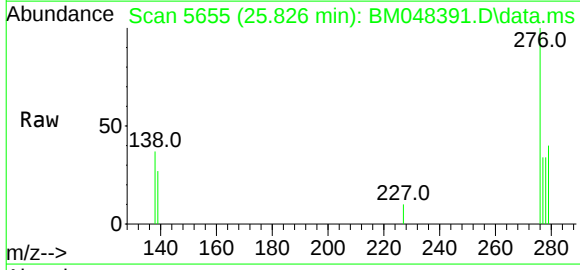
Tgt Ion:	276	Resp:	3561
Ion Ratio	Lower	Upper	
276	100		
138	22.2	19.6	29.4
227	0.3	0.1	0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.024 ng/u1
RT: 25.826 min Scan# 5659
Delta R.T. -0.010 min
Lab File: BM048391.D
Acq: 01 Nov 2024 12:34

Instrument :
BNA_M
ClientSampleId :
F7H18



Tgt Ion: 278 Resp: 930

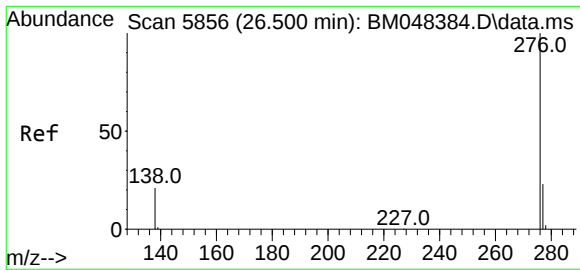
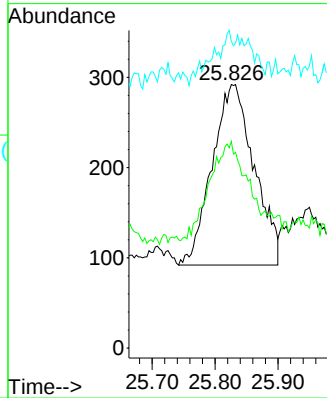
Ion	Ratio	Lower	Upper
278	100		
139	78.4	15.6	23.4#
279	116.4	26.4	39.6#

Manual Integrations
APPROVED

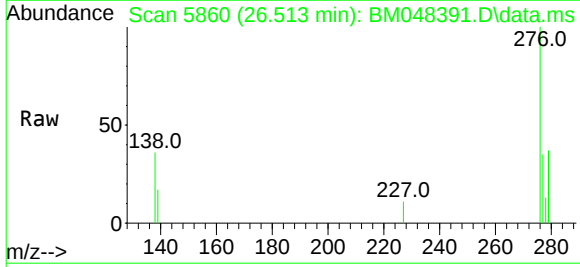
Reviewed By :Yogesh
Patel

11/04/2024
Supervised By :mohammad
ahmed

11/04/2024



#29
Benzo(g,h,i)perylene
Concen: 0.075 ng/u1
RT: 26.513 min Scan# 5860
Delta R.T. 0.013 min
Lab File: BM048391.D
Acq: 01 Nov 2024 12:34



Tgt Ion: 276 Resp: 3173

Ion	Ratio	Lower	Upper
276	100		
138	35.8	19.0	28.6#
277	35.0	20.6	31.0#

