

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
 Data File : BM049122.D
 Acq On : 21 Dec 2024 04:50
 Operator : RC/JU
 Sample : P5265-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E28Z5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024
 Supervised By :mohammad ahmed 12/24/2024

Quant Time: Dec 21 05:25:52 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Dec 18 15:33:13 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.560	152	8234	0.400	ng/ul	0.00
4) Naphthalene-d8	10.321	136	26661	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.197	164	15861	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.943	188	34429m	0.400	ng/ul	0.00
17) Chrysene-d12	21.143	240	27483m	0.400	ng/ul	0.00
23) Perylene-d12	23.303	264	28609m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	35836	3.774	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.921	152	8077	0.225	ng/ul	0.00
18) Fluoranthene-d10	18.979	212	14539m	0.186	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.370	128	14637	0.219	ng/ul	96
7) 2-Methylnaphthalene	11.992	142	7551	0.179	ng/ul	99
8) 1-Methylnaphthalene	12.212	142	5906	0.136	ng/ul	99
10) Acenaphthylene	13.910	152	9976	0.152	ng/ul	95
11) Acenaphthene	14.257	153	7407	0.154	ng/ul	98
12) Fluorene	15.247	166	7590	0.140	ng/ul#	98
15) Phenanthrene	16.985	178	173094m	1.925	ng/ul	
16) Anthracene	17.074	178	40632m	0.492	ng/ul	
19) Fluoranthene	19.007	202	472959m	4.760	ng/ul	
20) Pyrene	19.374	202	384465m	3.628	ng/ul	
21) Benzo(a)anthracene	21.128	228	207292m	2.168	ng/ul	
22) Chrysene	21.178	228	211877m	2.065	ng/ul	
24) Benzo(b)fluoranthene	22.662	252	258568m	2.829	ng/ul	
25) Benzo(k)fluoranthene	22.700	252	103500m	1.032	ng/ul	
26) Benzo(a)pyrene	23.209	252	182674	2.084	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.440	276	138603	1.117	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.450	278	31568	0.328	ng/ul#	80
29) Benzo(g,h,i)perylene	26.094	276	144959	1.453	ng/ul	99

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

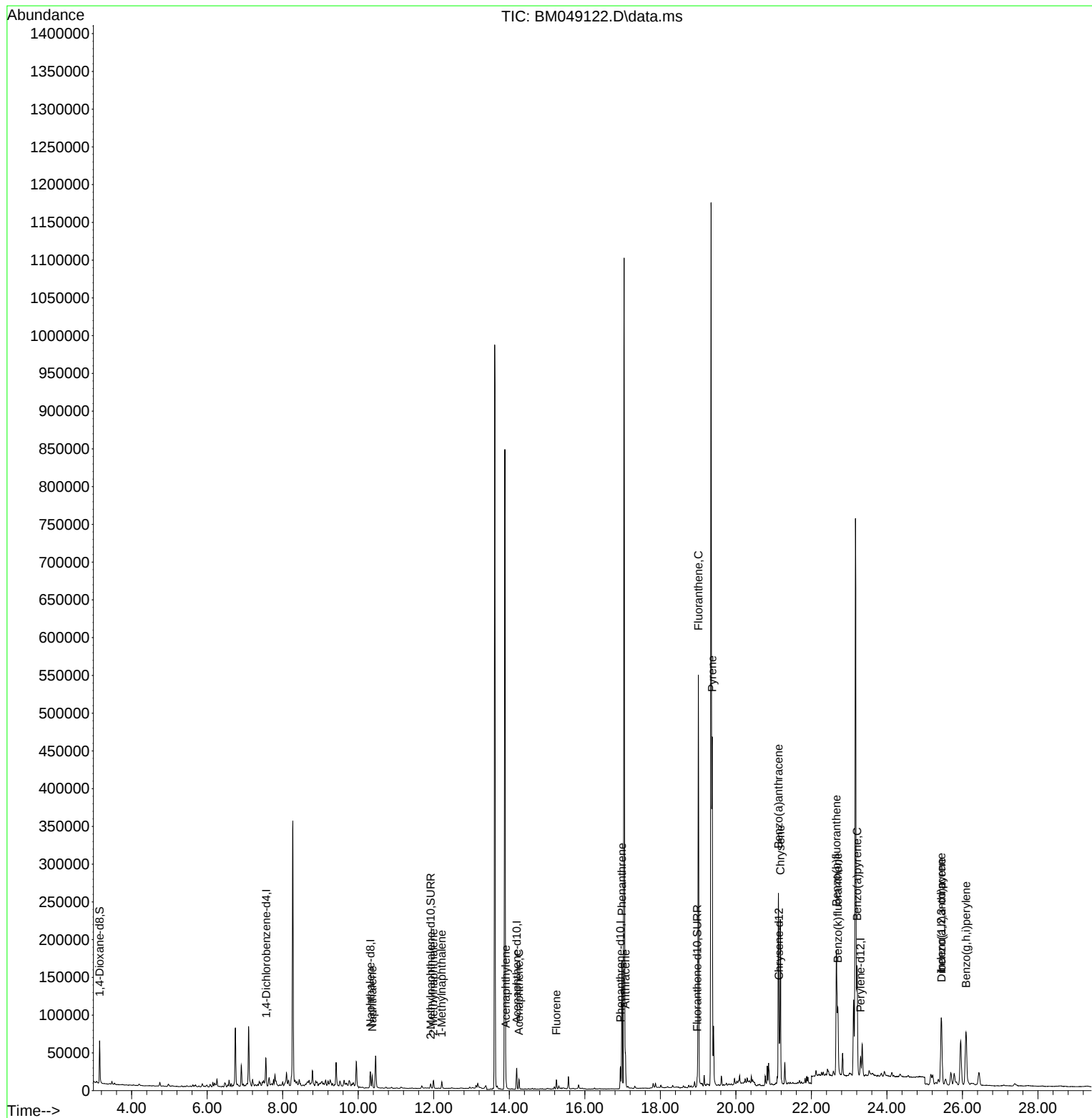
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
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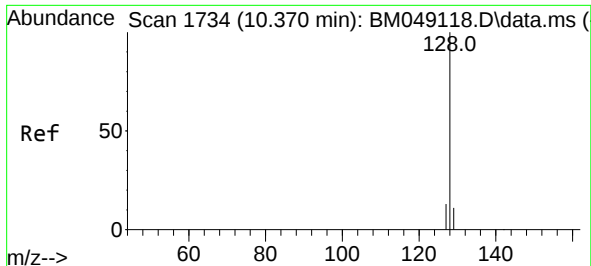
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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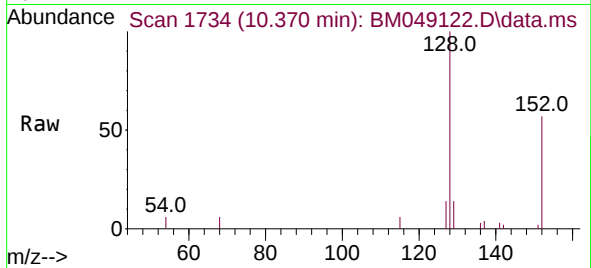
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024





#5
Naphthalene
Concen: 0.219 ng/ul
RT: 10.370 min Scan# 1734
Delta R.T. -0.010 min
Lab File: BM049122.D
Acq: 21 Dec 2024 04:50

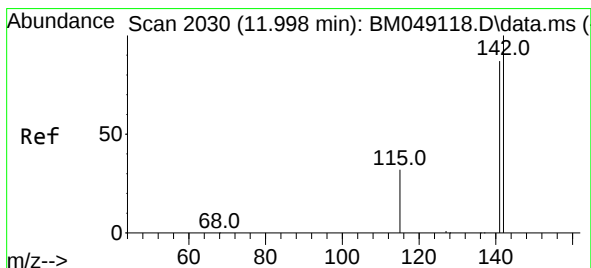
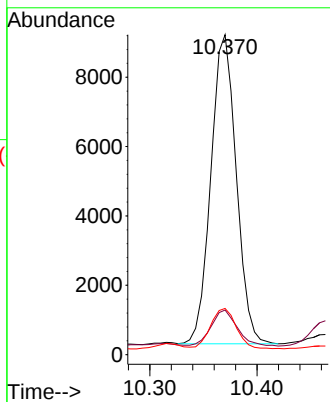
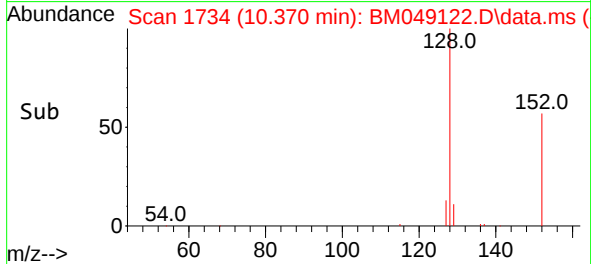
Instrument :
BNA_M
ClientSampleId :
E28Z5



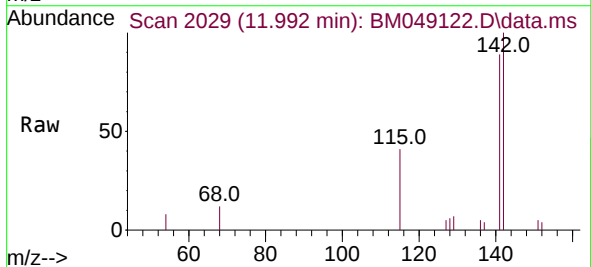
Tgt Ion:128 Resp: 1463
Ion Ratio Lower Upper
128 100
129 13.9 9.7 14.5
127 14.4 10.6 16.0

Manual Integrations
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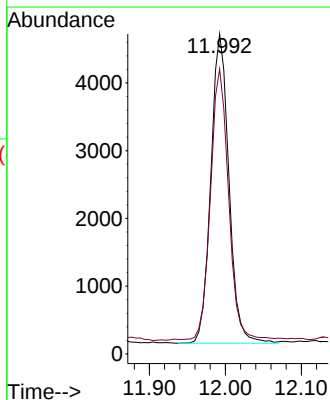
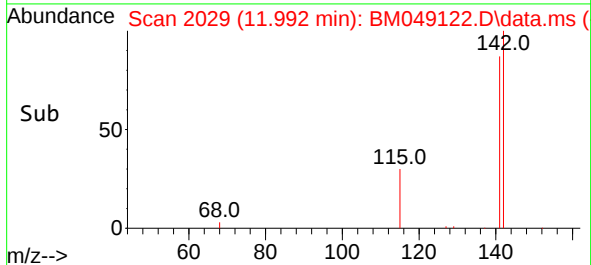
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

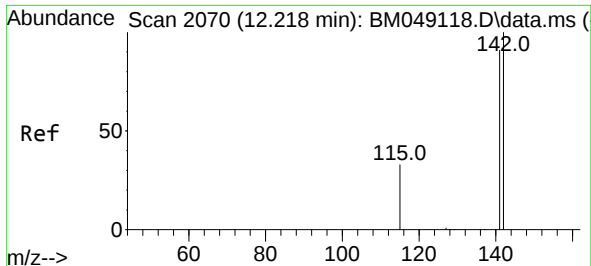


#7
2-Methylnaphthalene
Concen: 0.179 ng/ul
RT: 11.992 min Scan# 2029
Delta R.T. -0.010 min
Lab File: BM049122.D
Acq: 21 Dec 2024 04:50



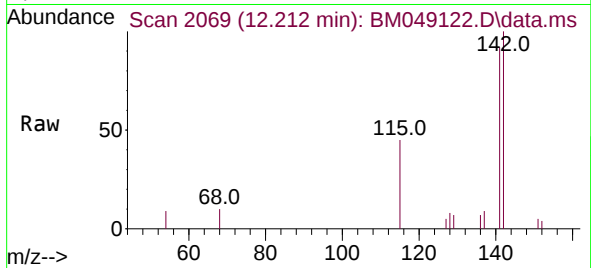
Tgt Ion:142 Resp: 7551
Ion Ratio Lower Upper
142 100
141 88.8 71.7 107.5





#8
1-Methylnaphthalene
Concen: 0.136 ng/ul
RT: 12.212 min Scan# 2070
Delta R.T. -0.010 min
Lab File: BM049122.D
Acq: 21 Dec 2024 04:50

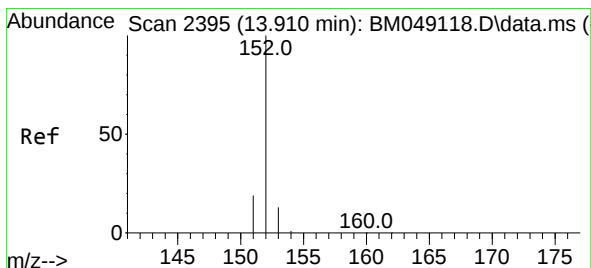
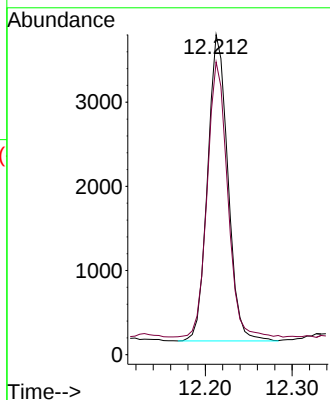
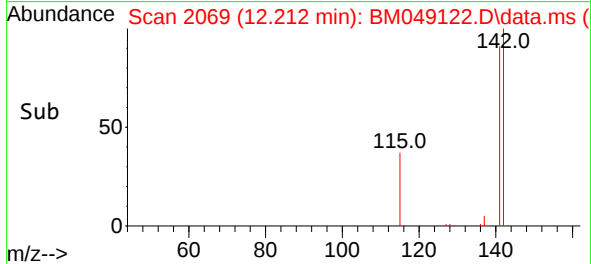
Instrument :
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Tgt Ion:142 Resp: 5900
Ion Ratio Lower Upper
142 100
141 89.7 72.7 109.1

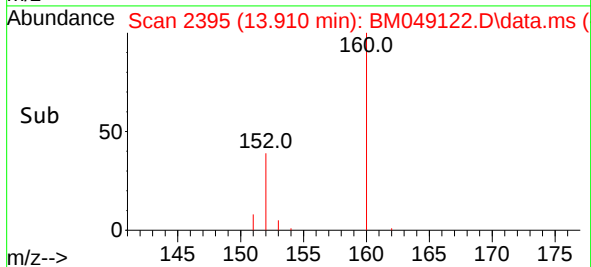
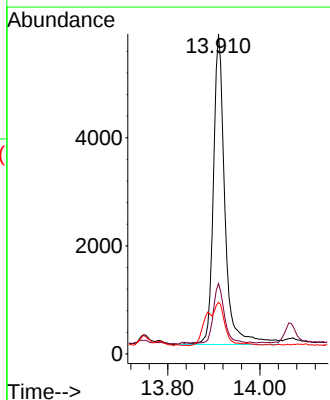
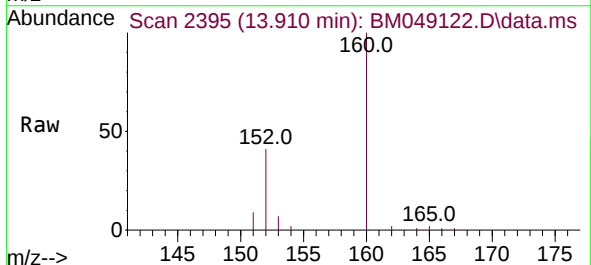
Manual Integrations
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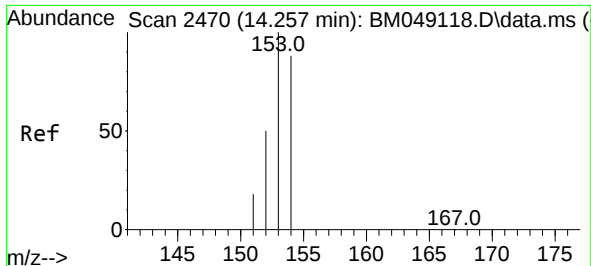
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#10
Acenaphthylene
Concen: 0.152 ng/ul
RT: 13.910 min Scan# 2395
Delta R.T. -0.008 min
Lab File: BM049122.D
Acq: 21 Dec 2024 04:50

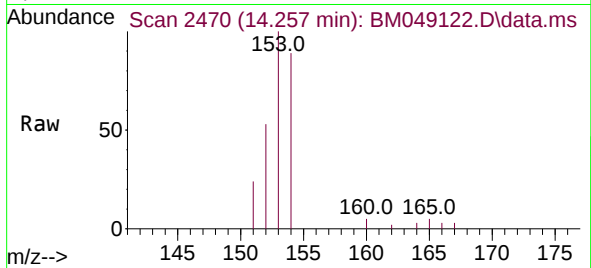
Tgt Ion:152 Resp: 9976
Ion Ratio Lower Upper
152 100
151 22.0 16.0 24.0
153 16.2 11.0 16.6





#11
Acenaphthene
Concen: 0.154 ng/ul
RT: 14.257 min Scan# 2470
Delta R.T. -0.008 min
Lab File: BM049122.D
Acq: 21 Dec 2024 04:50

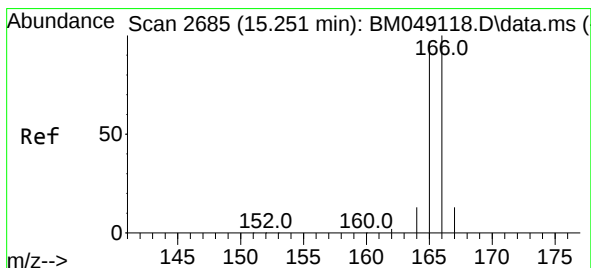
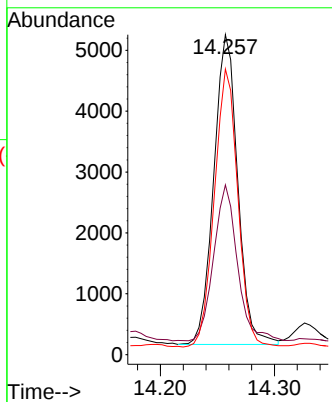
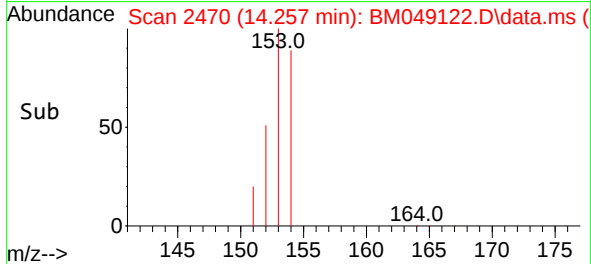
Instrument :
BNA_M
ClientSampleId :
E28Z5



Tgt Ion:153 Resp: 740
Ion Ratio Lower Upper
153 100
152 53.1 40.7 61.1
154 89.3 70.8 106.2

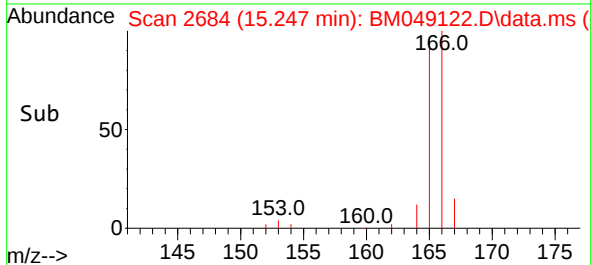
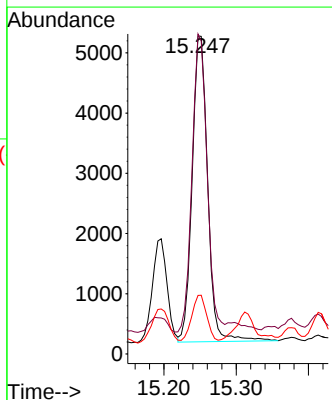
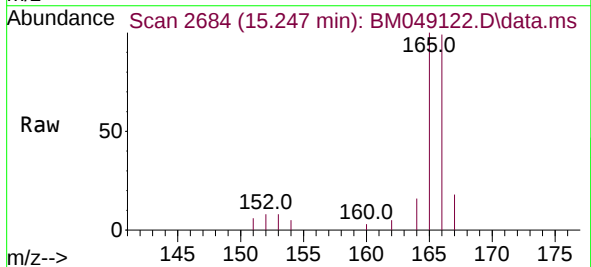
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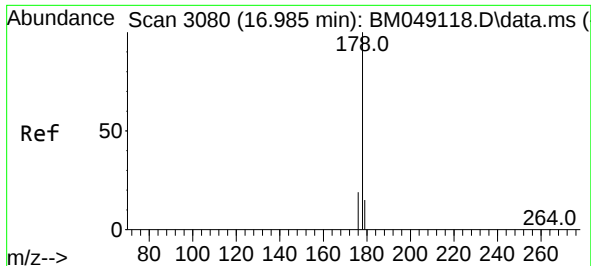
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#12
Fluorene
Concen: 0.140 ng/ul
RT: 15.247 min Scan# 2684
Delta R.T. -0.008 min
Lab File: BM049122.D
Acq: 21 Dec 2024 04:50

Tgt Ion:166 Resp: 7590
Ion Ratio Lower Upper
166 100
165 100.6 79.7 119.5
167 18.4 11.4 17.0#





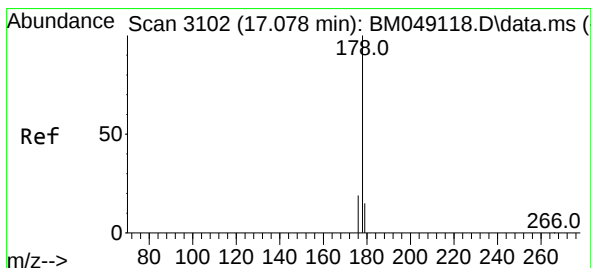
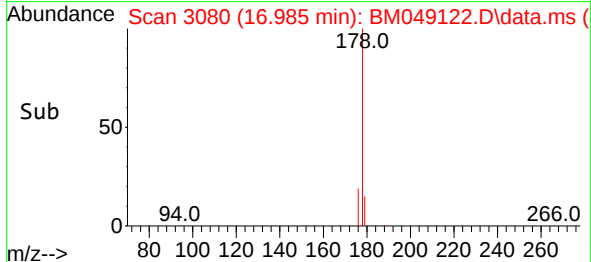
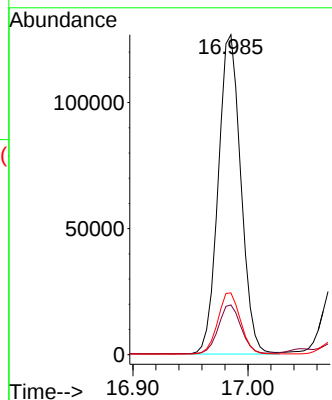
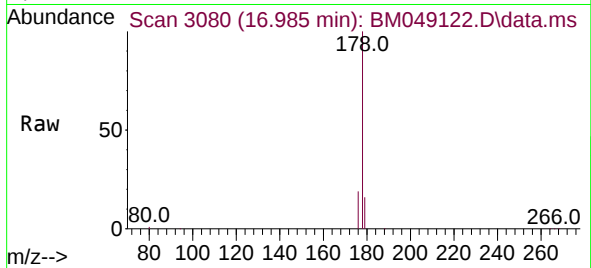
#15
Phenanthrene
Concen: 1.925 ng/ul m
RT: 16.985 min Scan# 3080
Delta R.T. -0.007 min
Lab File: BM049122.D
Acq: 21 Dec 2024 04:50

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:178 Resp: 173094
Ion Ratio Lower Upper
178 100
179 15.6 13.0 19.4
176 19.3 16.2 24.2

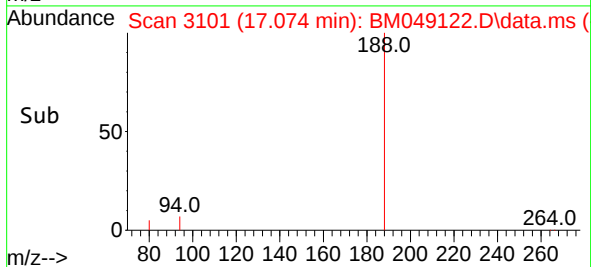
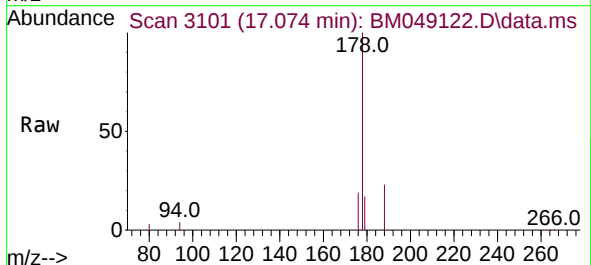
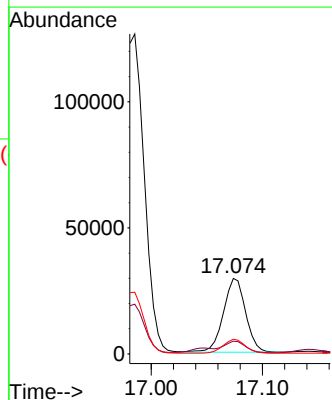
Manual Integrations
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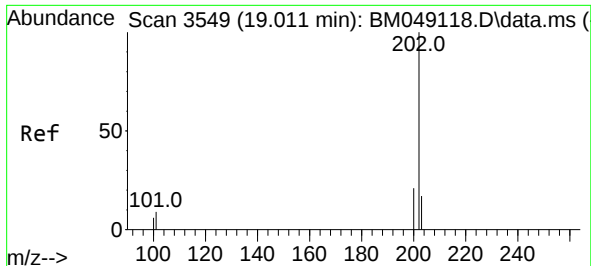
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#16
Anthracene
Concen: 0.492 ng/ul m
RT: 17.074 min Scan# 3101
Delta R.T. -0.011 min
Lab File: BM049122.D
Acq: 21 Dec 2024 04:50

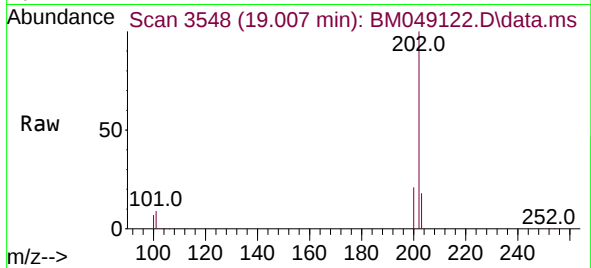
Tgt Ion:178 Resp: 40632
Ion Ratio Lower Upper
178 100
179 16.9 12.9 19.3
176 19.5 15.3 22.9





#19
Fluoranthene
Concen: 4.760 ng/ul m
RT: 19.007 min Scan# 3548
Delta R.T. -0.008 min
Lab File: BM049122.D
Acq: 21 Dec 2024 04:50

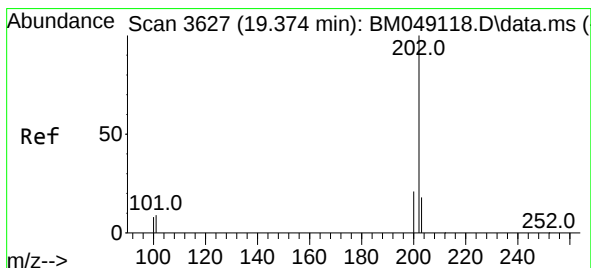
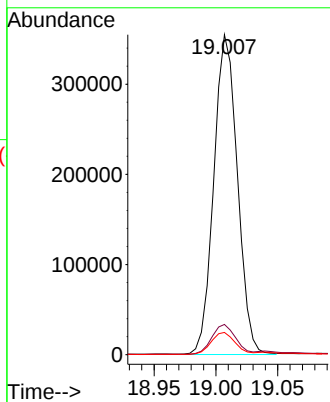
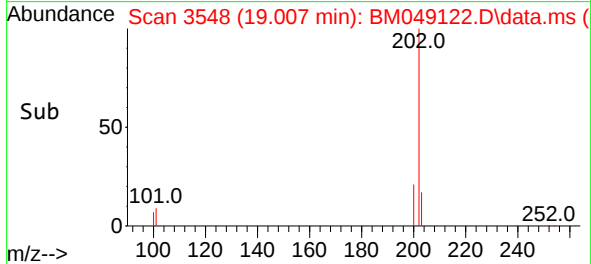
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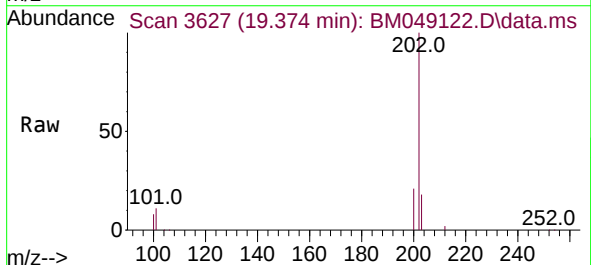
Tgt Ion:202 Resp: 472955
Ion Ratio Lower Upper
202 100
101 9.5 7.6 11.4
100 6.9 5.5 8.3

Manual Integrations
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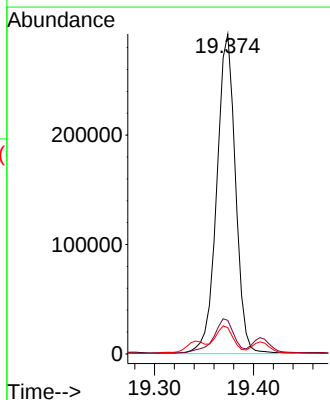
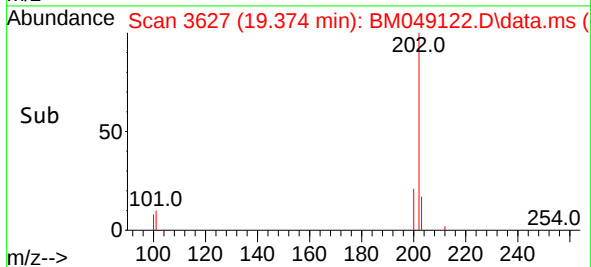
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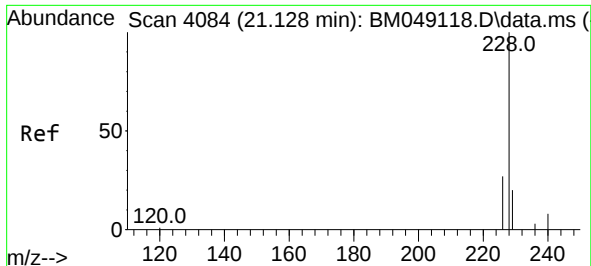


#20
Pyrene
Concen: 3.628 ng/ul m
RT: 19.374 min Scan# 3627
Delta R.T. -0.003 min
Lab File: BM049122.D
Acq: 21 Dec 2024 04:50



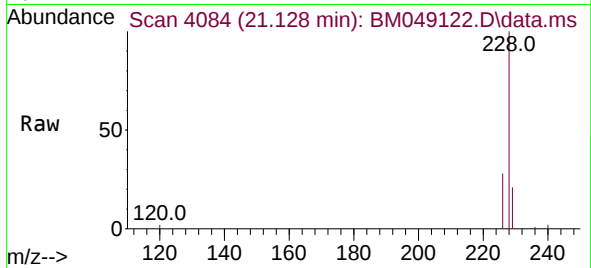
Tgt Ion:202 Resp: 384465
Ion Ratio Lower Upper
202 100
101 10.5 8.9 13.3
100 8.2 6.9 10.3





#21
Benzo(a)anthracene
Concen: 2.168 ng/ul m
RT: 21.128 min Scan# 4084
Delta R.T. -0.003 min
Lab File: BM049122.D
Acq: 21 Dec 2024 04:50

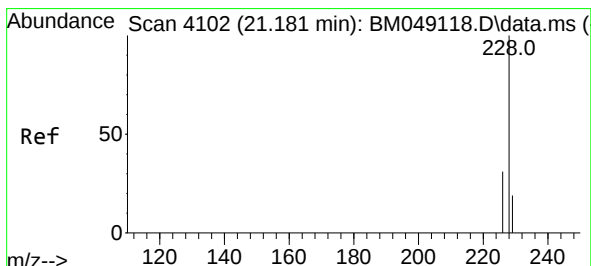
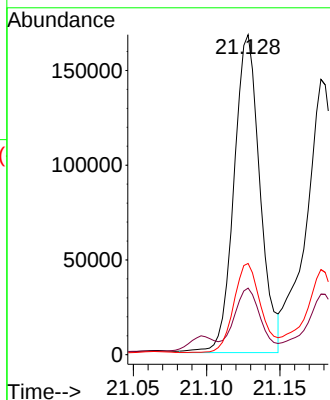
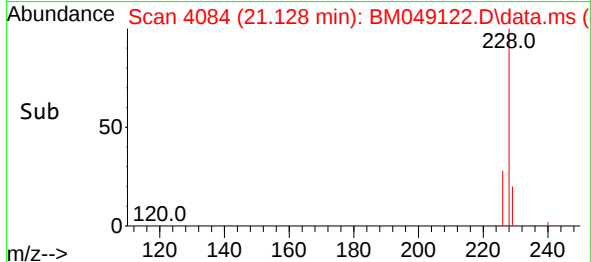
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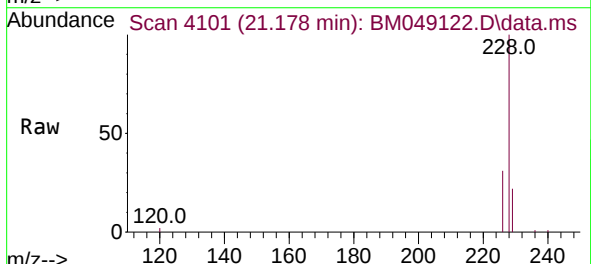
Tgt Ion:228 Resp: 20729
Ion Ratio Lower Upper
228 100
229 20.8 15.9 23.9
226 28.5 22.6 34.0

Manual Integrations
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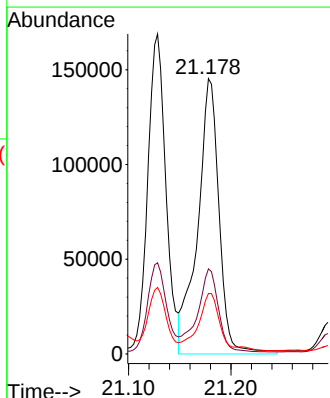
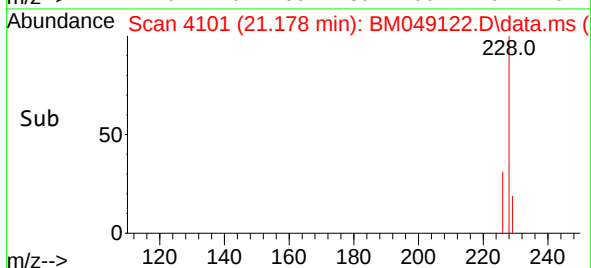
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

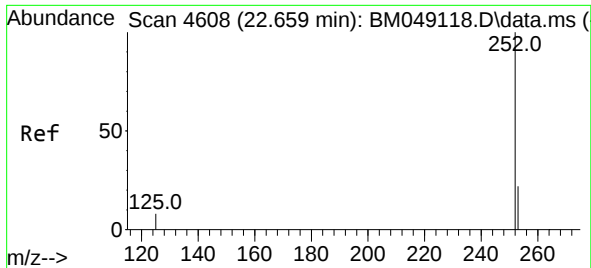


#22
Chrysene
Concen: 2.065 ng/ul m
RT: 21.178 min Scan# 4101
Delta R.T. -0.006 min
Lab File: BM049122.D
Acq: 21 Dec 2024 04:50



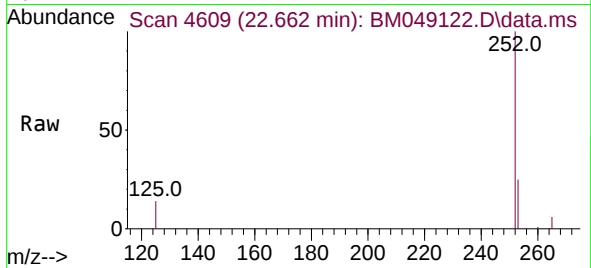
Tgt Ion:228 Resp: 211877
Ion Ratio Lower Upper
228 100
226 30.9 24.1 36.1
229 22.0 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 2.829 ng/ul m
RT: 22.662 min Scan# 4609
Delta R.T. -0.000 min
Lab File: BM049122.D
Acq: 21 Dec 2024 04:50

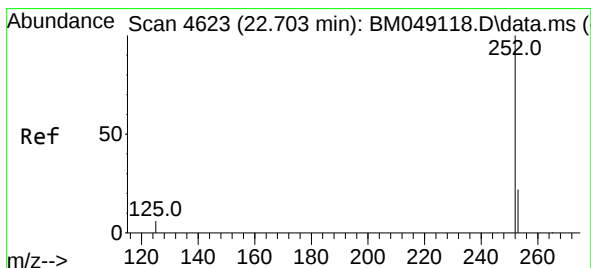
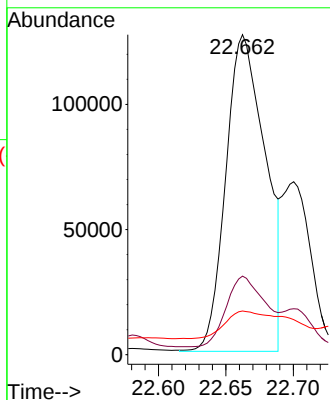
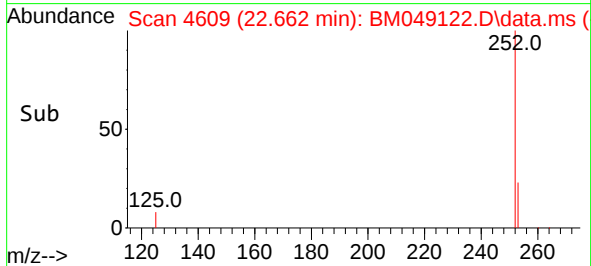
Instrument :
BNA_M
ClientSampleId :
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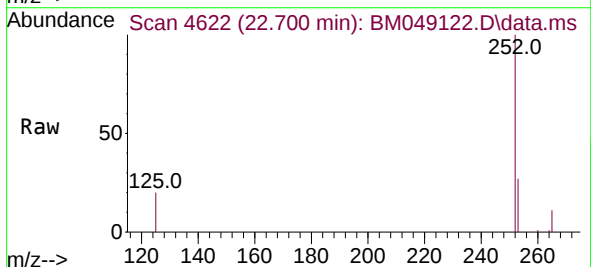
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Ion Ratio Lower Upper
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253 24.6 0.0 52.6
125 13.7 0.0 30.8

Manual Integrations
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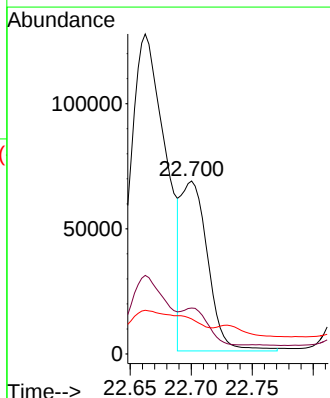
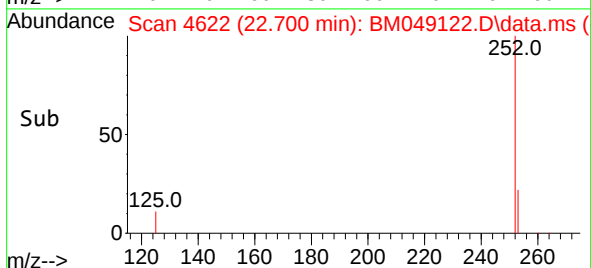
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

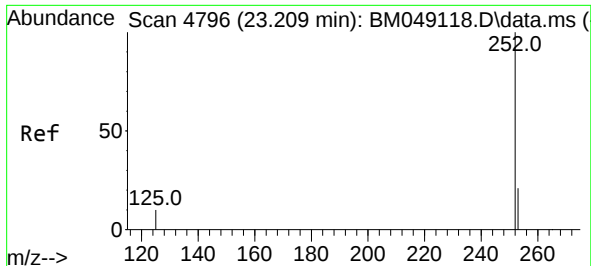


#25
Benzo(k)fluoranthene
Concen: 1.032 ng/ul m
RT: 22.700 min Scan# 4622
Delta R.T. -0.006 min
Lab File: BM049122.D
Acq: 21 Dec 2024 04:50



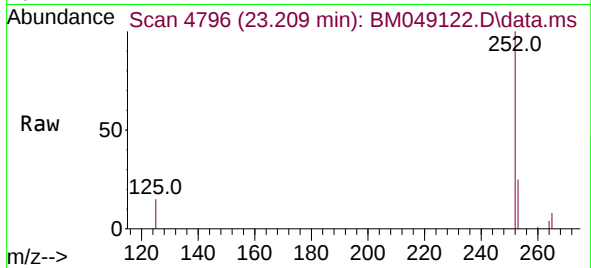
Tgt Ion:252 Resp: 103500
Ion Ratio Lower Upper
252 100
253 26.5 21.3 31.9
125 20.3 12.6 18.8#





#26
Benzo(a)pyrene
Concen: 2.084 ng/ul
RT: 23.209 min Scan# 4796
Delta R.T. -0.000 min
Lab File: BM049122.D
Acq: 21 Dec 2024 04:50

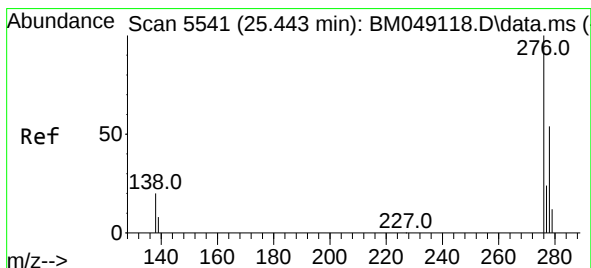
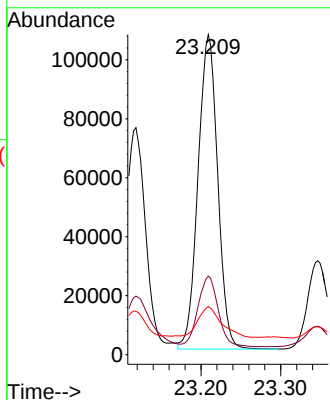
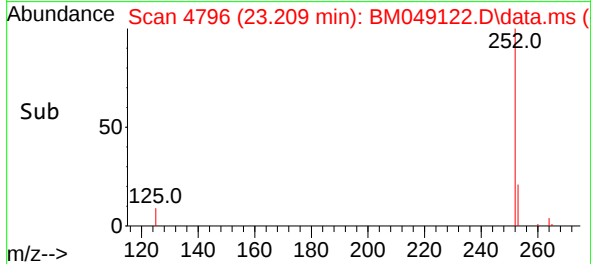
Instrument :
BNA_M
ClientSampleId :
E28Z5



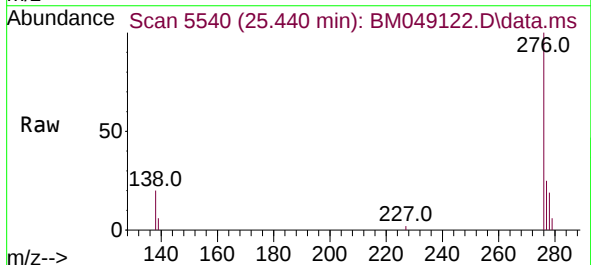
Tgt Ion:252 Resp: 182674
Ion Ratio Lower Upper
252 100
253 24.6 22.4 33.6
125 15.0 14.8 22.2

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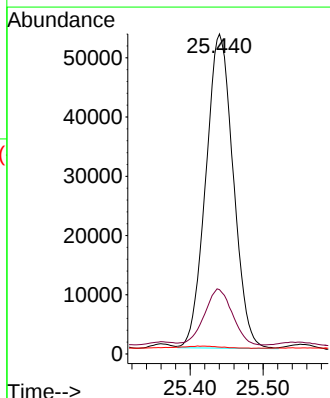
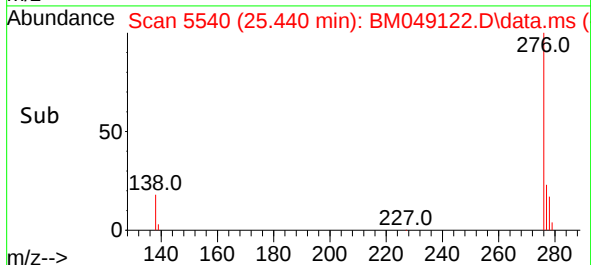
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

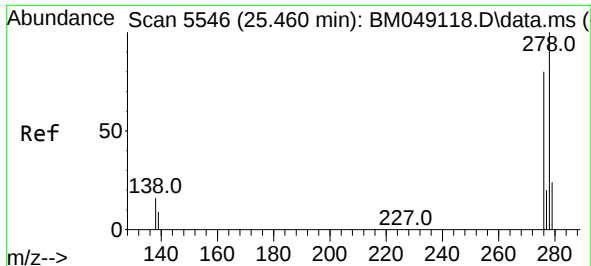


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.117 ng/ul
RT: 25.440 min Scan# 5540
Delta R.T. -0.007 min
Lab File: BM049122.D
Acq: 21 Dec 2024 04:50



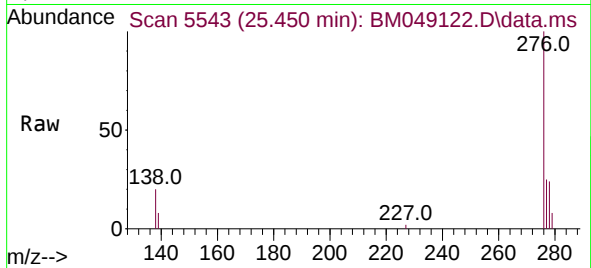
Tgt Ion:276 Resp: 138603
Ion Ratio Lower Upper
276 100
138 18.4 17.4 26.2
227 0.0 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.328 ng/ul
RT: 25.450 min Scan# 51
Delta R.T. -0.017 min
Lab File: BM049122.D
Acq: 21 Dec 2024 04:50

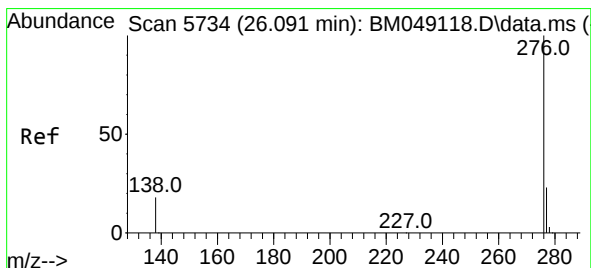
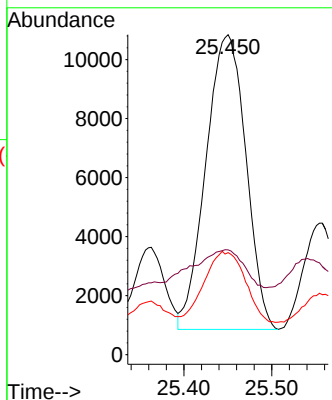
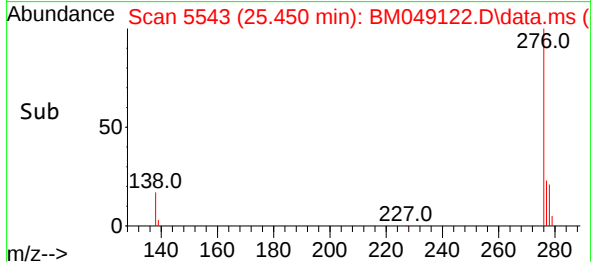
Instrument :
BNA_M
ClientSampleId :
E28Z5



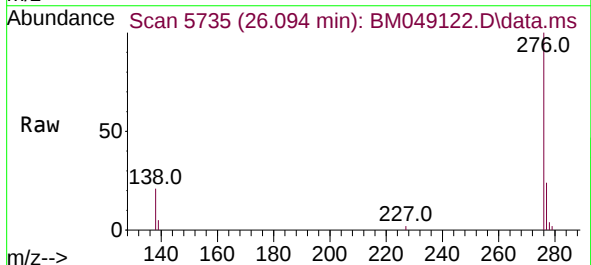
Tgt Ion:278 Resp: 3156
Ion Ratio Lower Upper
278 100
139 32.8 13.5 20.3
279 31.9 21.5 32.3

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Supervised By :mohammad ahmed 12/24/2024



#29
Benzo(g,h,i)perylene
Concen: 1.453 ng/ul
RT: 26.094 min Scan# 5735
Delta R.T. -0.000 min
Lab File: BM049122.D
Acq: 21 Dec 2024 04:50



Tgt Ion:276 Resp: 144959
Ion Ratio Lower Upper
276 100
138 20.6 16.7 25.1
277 24.5 19.9 29.9

