

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
 Data File : BM049112.D
 Acq On : 20 Dec 2024 22:13
 Operator : RC/JU
 Sample : P5265-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E28Z2

Manual Integrations
 APPROVED

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

Quant Time: Dec 20 23:01:01 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	9103	0.400	ng/ul	0.00
4) Naphthalene-d8	10.319	136	28072	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.195	164	15741	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.946	188	34557m	0.400	ng/ul	0.00
17) Chrysene-d12	21.146	240	29142m	0.400	ng/ul	0.00
23) Perylene-d12	23.306	264	30681m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	44465	4.235	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.920	152	11323	0.300	ng/ul	0.00
18) Fluoranthene-d10	18.978	212	20987	0.254	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.369	128	12027	0.171	ng/ul	98
7) 2-Methylnaphthalene	11.997	142	10527	0.236	ng/ul	99
8) 1-Methylnaphthalene	12.217	142	6867	0.151	ng/ul	97
10) Acenaphthylene	13.913	152	18880	0.289	ng/ul	98
11) Acenaphthene	14.260	153	4314	0.091	ng/ul	97
12) Fluorene	15.250	166	6679	0.124	ng/ul#	97
15) Phenanthrene	16.984	178	171585m	1.901	ng/ul	
16) Anthracene	17.077	178	41266m	0.498	ng/ul	
19) Fluoranthene	19.010	202	408871	3.880	ng/ul	98
20) Pyrene	19.373	202	339532	3.022	ng/ul	99
21) Benzo(a)anthracene	21.132	228	153903m	1.518	ng/ul	
22) Chrysene	21.181	228	186927	1.718	ng/ul	98
24) Benzo(b)fluoranthene	22.666	252	276843m	2.824	ng/ul	
25) Benzo(k)fluoranthene	22.704	252	85598m	0.796	ng/ul	
26) Benzo(a)pyrene	23.212	252	164431m	1.749	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.444	276	158040	1.188	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.454	278	31682	0.307	ng/ul#	96
29) Benzo(g,h,i)perylene	26.098	276	173794	1.624	ng/ul	97

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

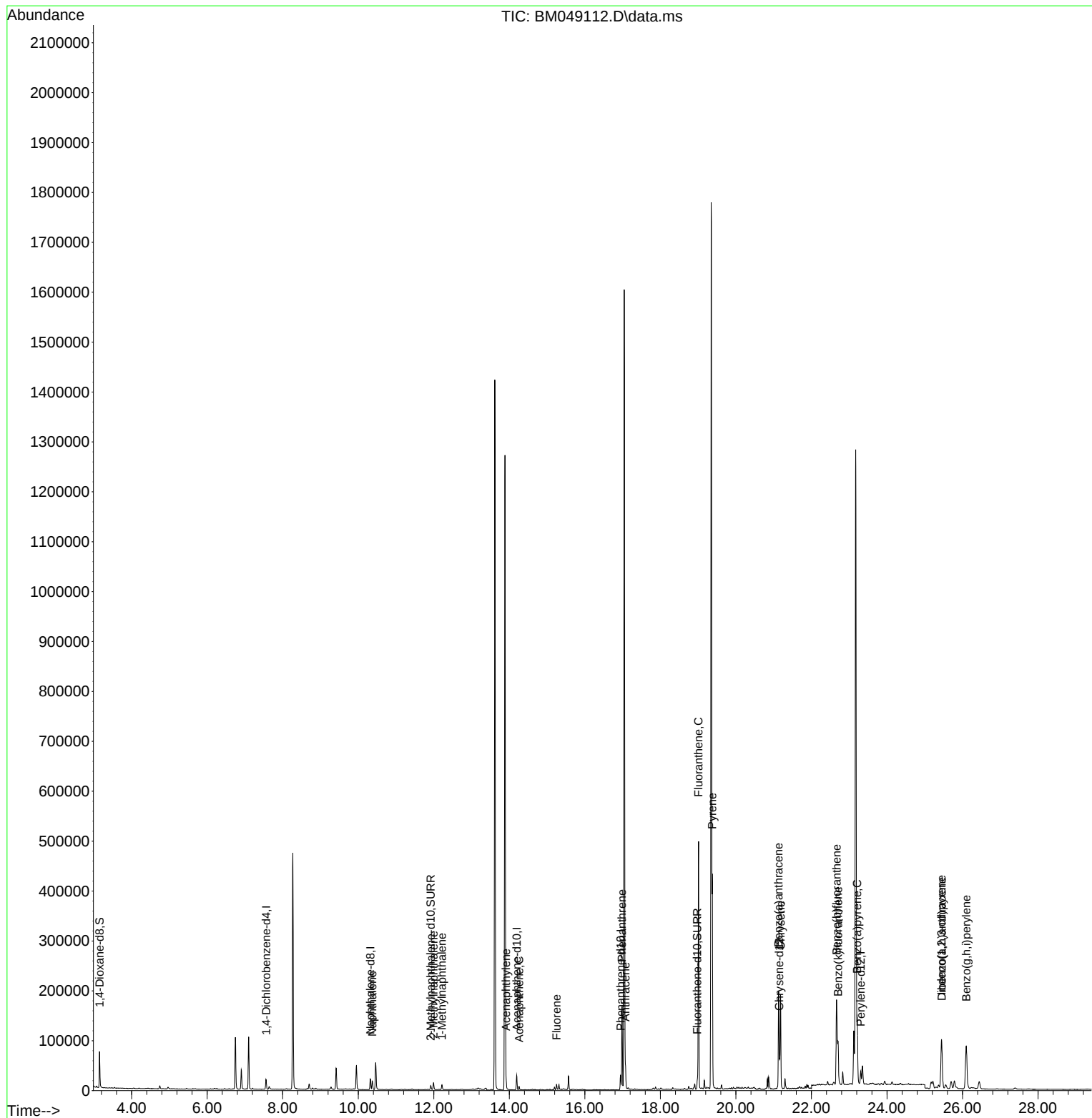
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049112.D
Acq On : 20 Dec 2024 22:13
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Sample : P5265-07
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ALS Vial : 12 Sample Multiplier: 1

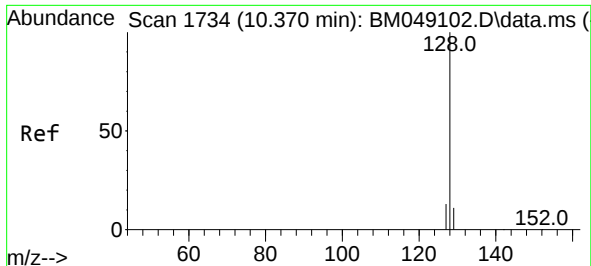
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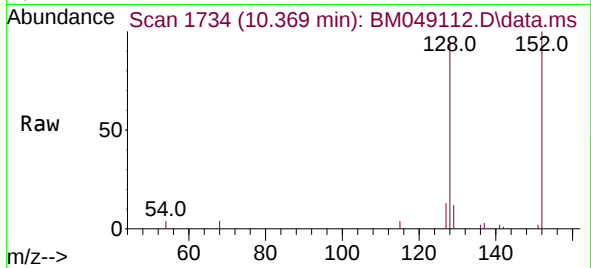
Quant Time: Dec 20 23:01:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.171 ng/ul
RT: 10.369 min Scan# 11
Delta R.T. -0.011 min
Lab File: BM049112.D
Acq: 20 Dec 2024 22:13

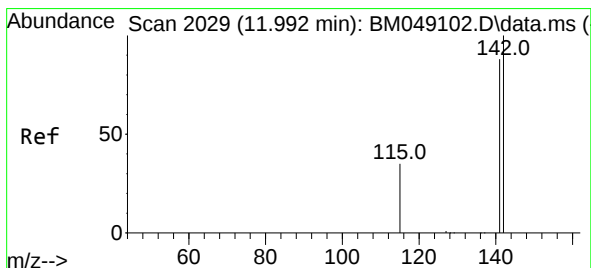
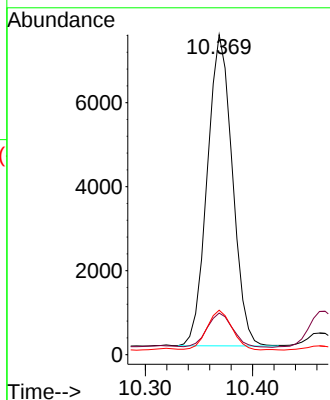
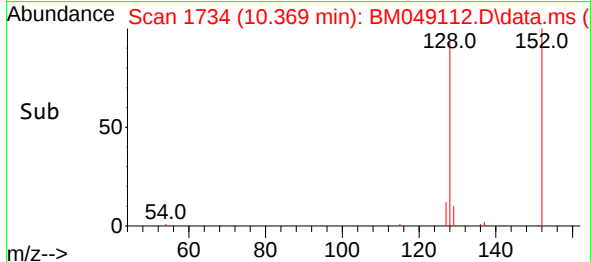
Instrument :
BNA_M
ClientSampleId :
E28Z2



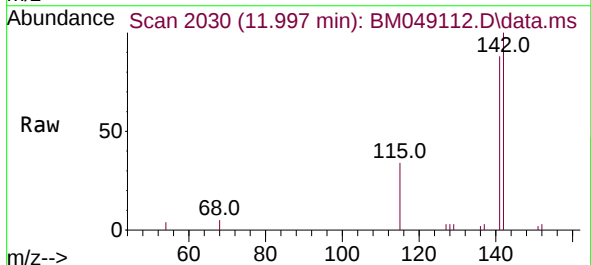
Tgt Ion:128 Resp: 1202
Ion Ratio Lower Upper
128 100
129 13.0 9.7 14.5
127 13.9 10.6 16.0

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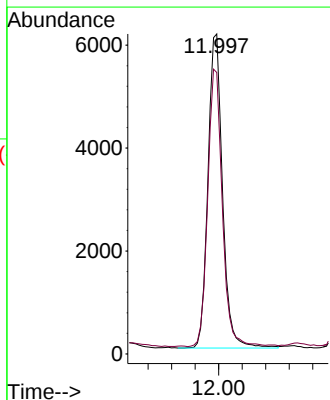
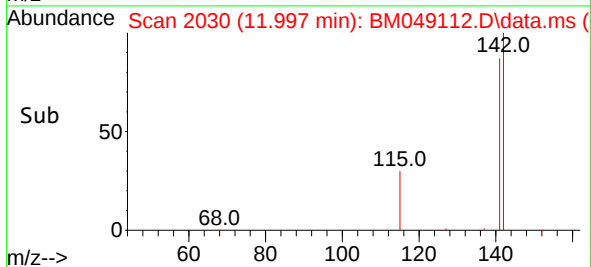
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

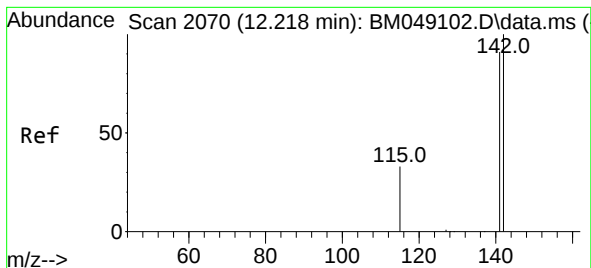


#7
2-Methylnaphthalene
Concen: 0.236 ng/ul
RT: 11.997 min Scan# 2030
Delta R.T. -0.005 min
Lab File: BM049112.D
Acq: 20 Dec 2024 22:13



Tgt Ion:142 Resp: 10527
Ion Ratio Lower Upper
142 100
141 88.5 71.7 107.5





#8

1-Methylnaphthalene

Concen: 0.151 ng/ul

RT: 12.217 min Scan# 2070

Delta R.T. -0.005 min

Lab File: BM049112.D

Acq: 20 Dec 2024 22:13

Instrument :

BNA_M

ClientSampleId :

E28Z2

Tgt Ion:142 Resp: 686

Ion Ratio Lower Upper

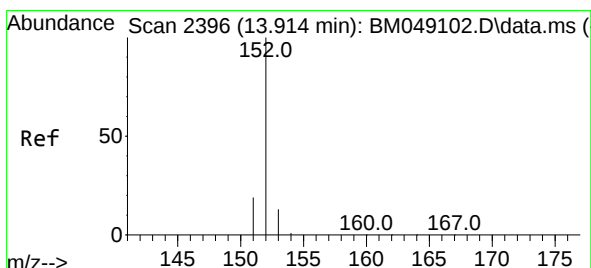
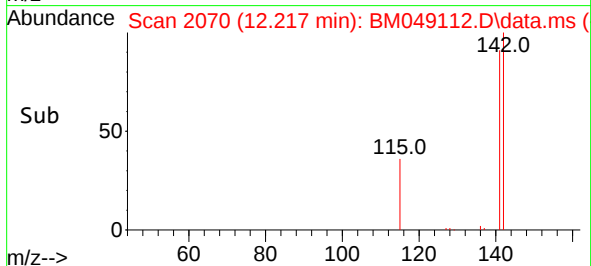
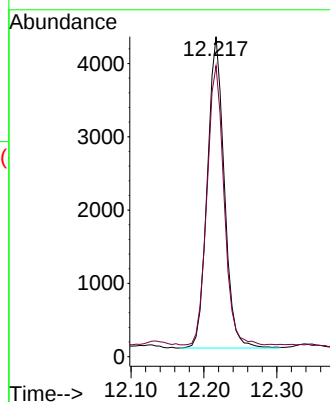
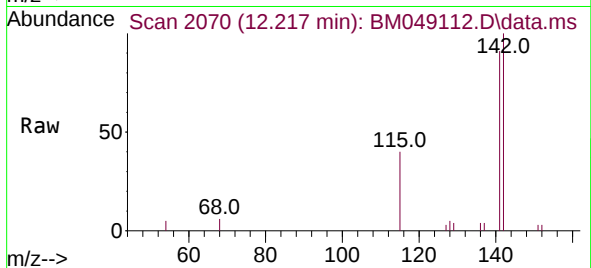
142 100

141 94.2 72.7 109.1

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#10

Acenaphthylene

Concen: 0.289 ng/ul

RT: 13.913 min Scan# 2396

Delta R.T. -0.005 min

Lab File: BM049112.D

Acq: 20 Dec 2024 22:13

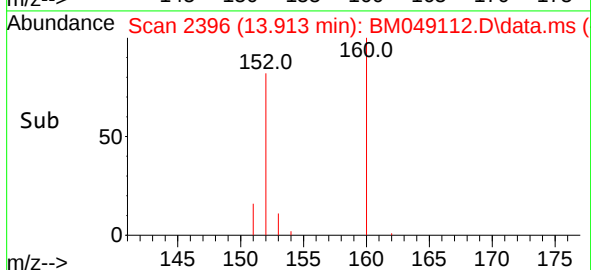
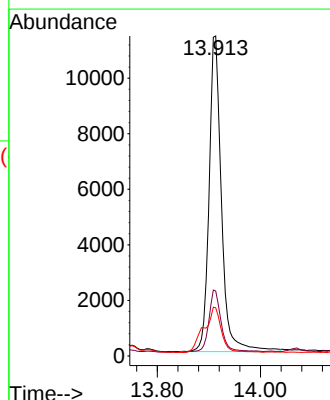
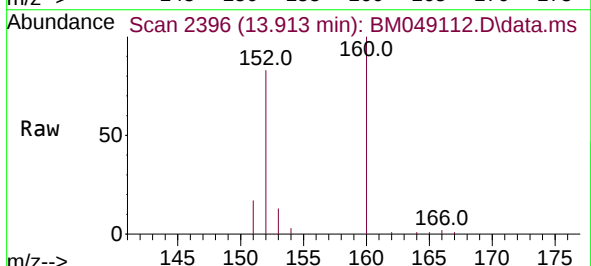
Tgt Ion:152 Resp: 18880

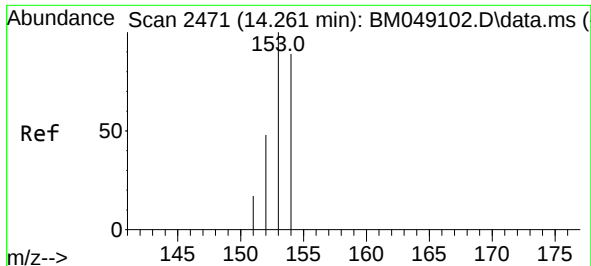
Ion Ratio Lower Upper

152 100

151 20.3 16.0 24.0

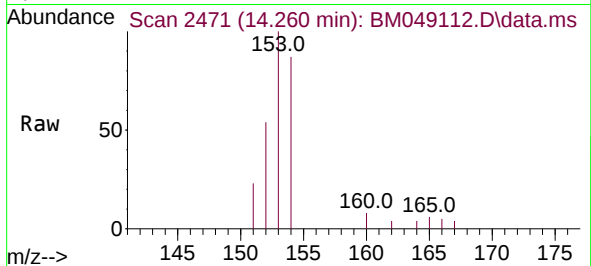
153 15.1 11.0 16.6





#11
Acenaphthene
Concen: 0.091 ng/ul
RT: 14.260 min Scan# 2471
Delta R.T. -0.005 min
Lab File: BM049112.D
Acq: 20 Dec 2024 22:13

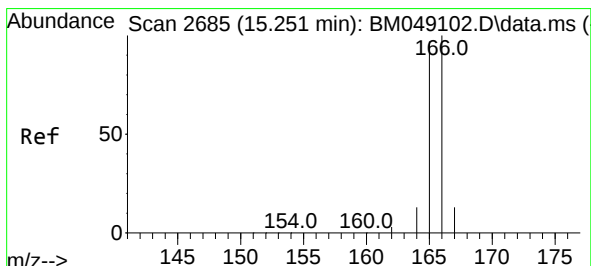
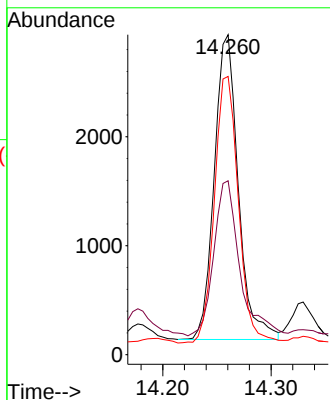
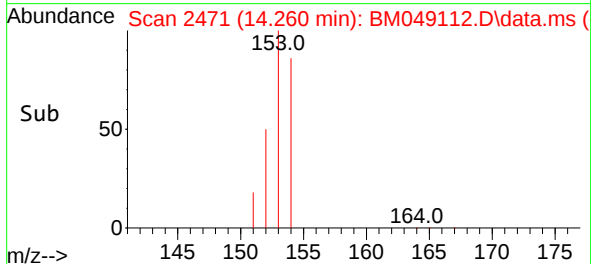
Instrument :
BNA_M
ClientSampleId :
E28Z2



Tgt Ion:153 Resp: 4314
Ion Ratio Lower Upper
153 100
152 54.3 40.7 61.1
154 87.0 70.8 106.2

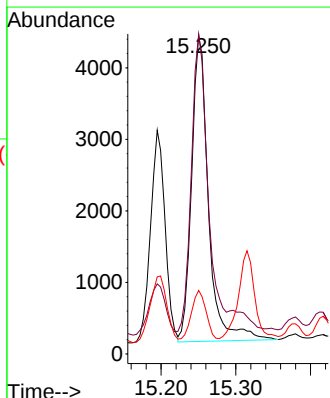
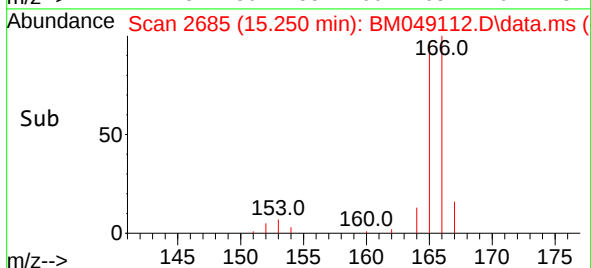
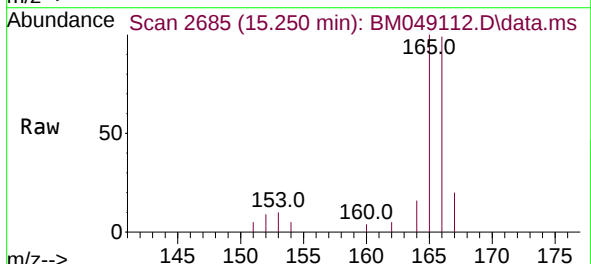
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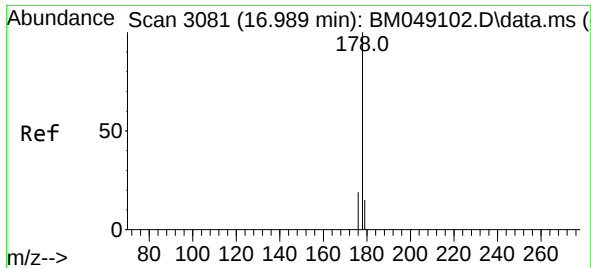
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#12
Fluorene
Concen: 0.124 ng/ul
RT: 15.250 min Scan# 2685
Delta R.T. -0.005 min
Lab File: BM049112.D
Acq: 20 Dec 2024 22:13

Tgt Ion:166 Resp: 6679
Ion Ratio Lower Upper
166 100
165 100.6 79.7 119.5
167 20.0 11.4 17.0#





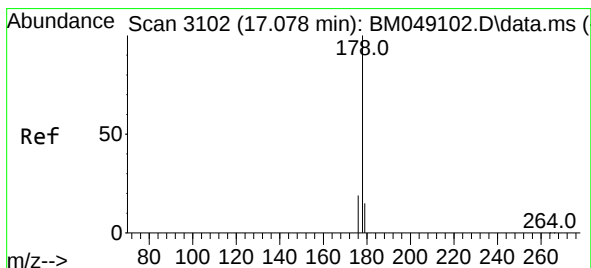
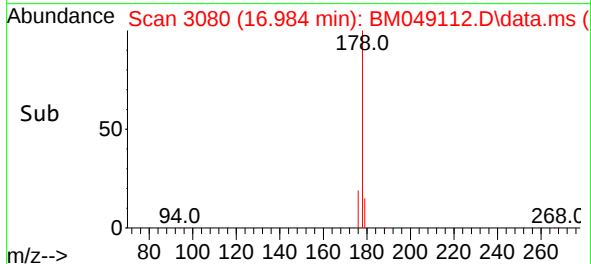
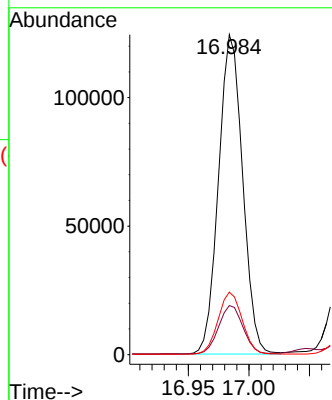
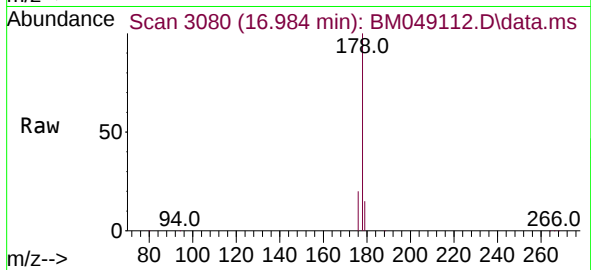
#15
Phenanthrene
Concen: 1.901 ng/ul m
RT: 16.984 min Scan# 3081
Delta R.T. -0.008 min
Lab File: BM049112.D
Acq: 20 Dec 2024 22:13

Instrument :
BNA_M
ClientSampleId :
E28Z2

Tgt Ion:178 Resp: 17158
Ion Ratio Lower Upper
178 100
179 15.3 13.0 19.4
176 19.5 16.2 24.2

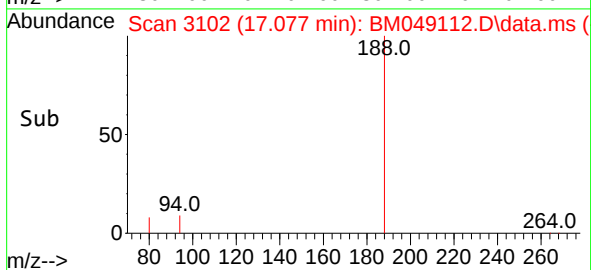
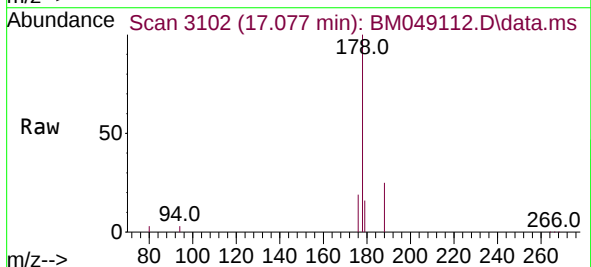
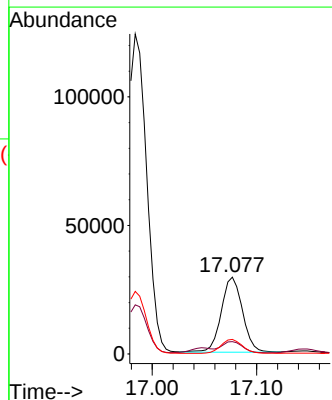
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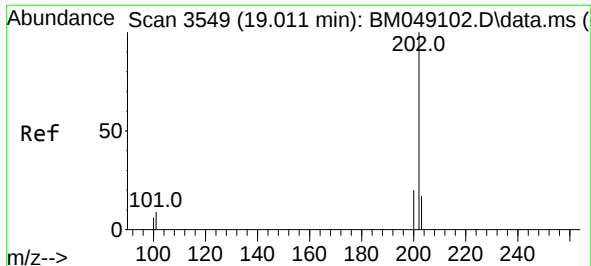
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#16
Anthracene
Concen: 0.498 ng/ul m
RT: 17.077 min Scan# 3102
Delta R.T. -0.008 min
Lab File: BM049112.D
Acq: 20 Dec 2024 22:13

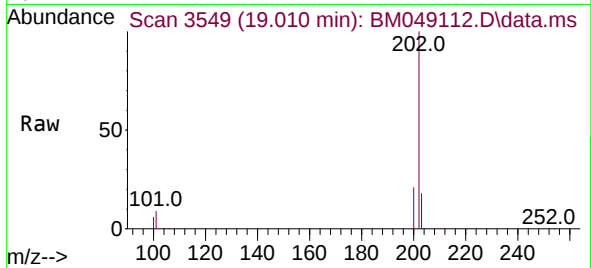
Tgt Ion:178 Resp: 41266
Ion Ratio Lower Upper
178 100
179 16.1 12.9 19.3
176 18.9 15.3 22.9





#19
Fluoranthene
Concen: 3.880 ng/u1
RT: 19.010 min Scan# 3549
Delta R.T. -0.005 min
Lab File: BM049112.D
Acq: 20 Dec 2024 22:13

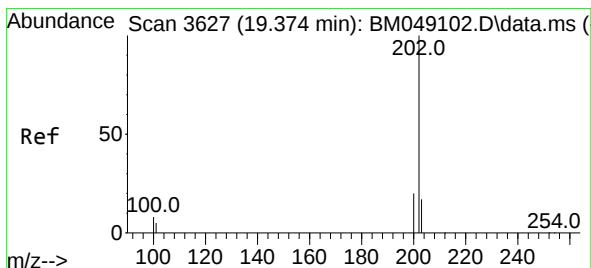
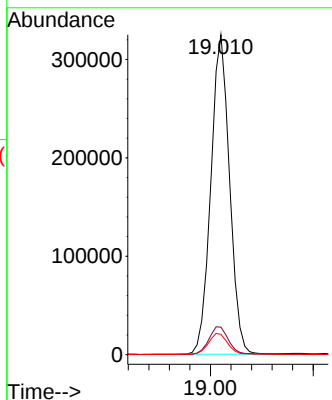
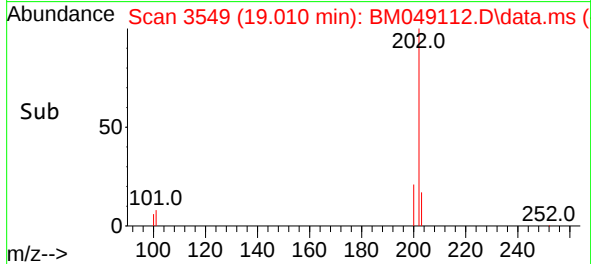
Instrument :
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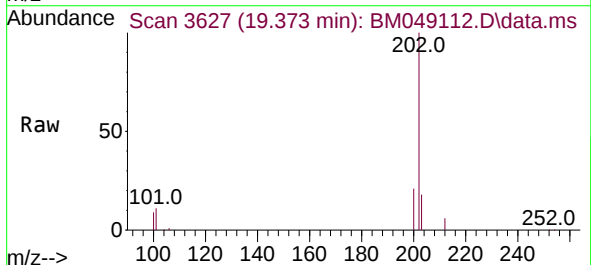
Tgt Ion:202 Resp: 40887
Ion Ratio Lower Upper
202 100
101 8.6 7.6 11.4
100 6.3 5.5 8.3

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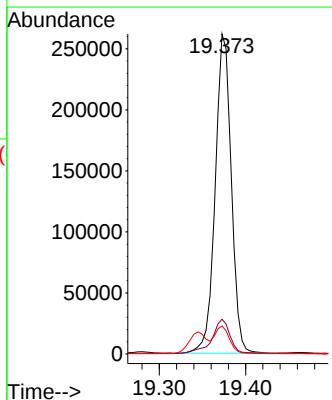
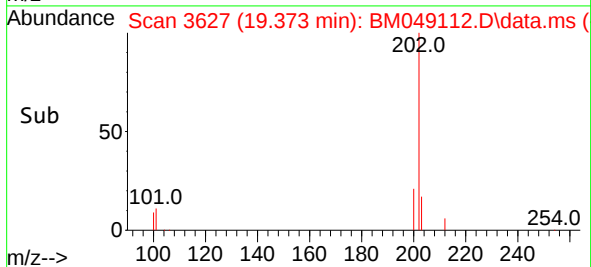
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

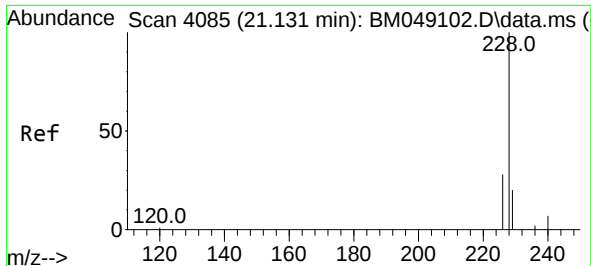


#20
Pyrene
Concen: 3.022 ng/u1
RT: 19.373 min Scan# 3627
Delta R.T. -0.005 min
Lab File: BM049112.D
Acq: 20 Dec 2024 22:13



Tgt Ion:202 Resp: 339532
Ion Ratio Lower Upper
202 100
101 10.9 8.9 13.3
100 8.8 6.9 10.3





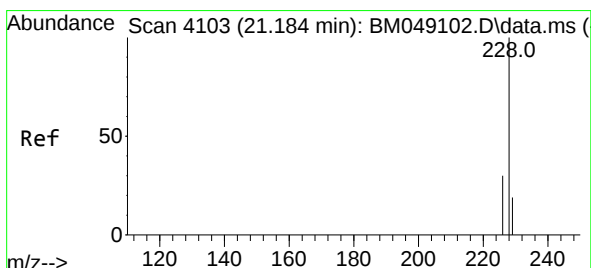
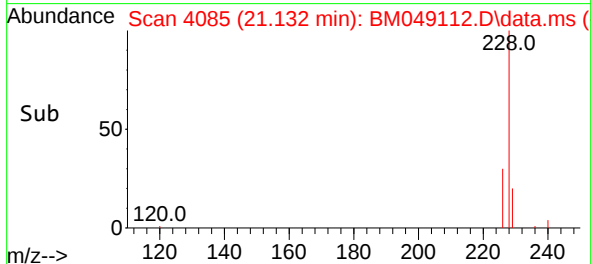
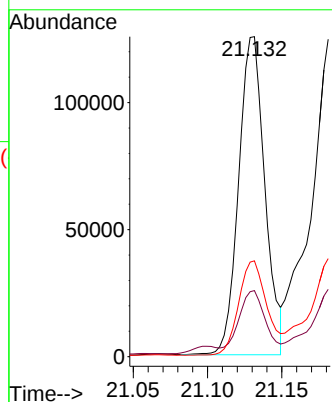
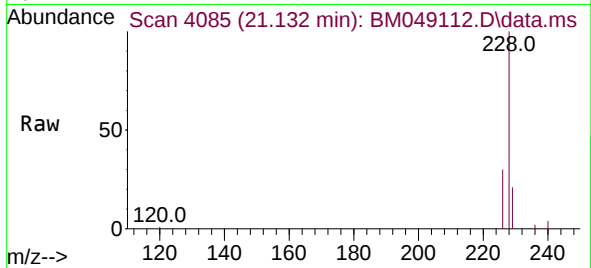
#21
Benzo(a)anthracene
Concen: 1.518 ng/ul m
RT: 21.132 min Scan# 4085
Delta R.T. 0.000 min
Lab File: BM049112.D
Acq: 20 Dec 2024 22:13

Instrument :
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E28Z2

Tgt Ion:228 Resp: 15390
Ion Ratio Lower Upper
228 100
229 20.6 15.9 23.9
226 29.9 22.6 34.0

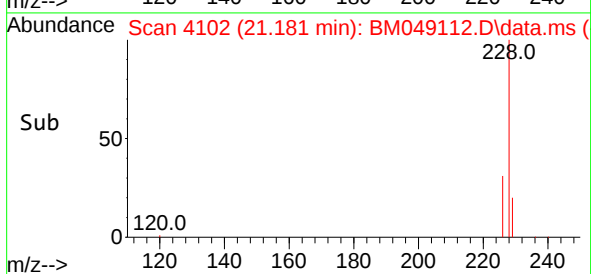
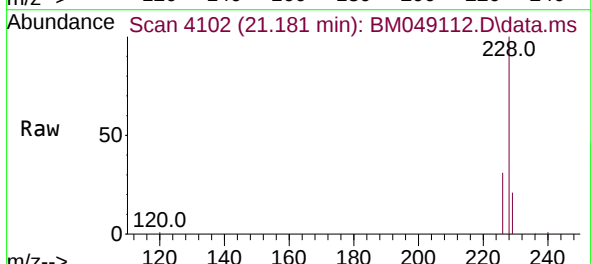
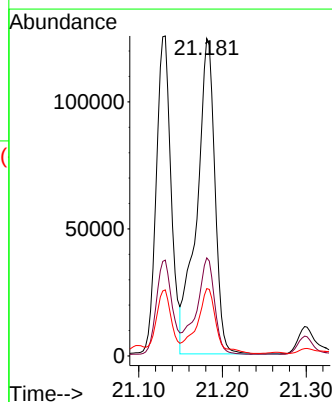
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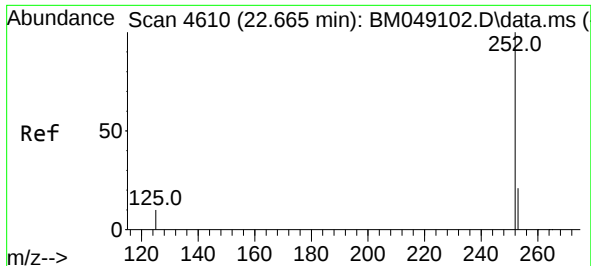
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#22
Chrysene
Concen: 1.718 ng/ul
RT: 21.181 min Scan# 4102
Delta R.T. -0.003 min
Lab File: BM049112.D
Acq: 20 Dec 2024 22:13

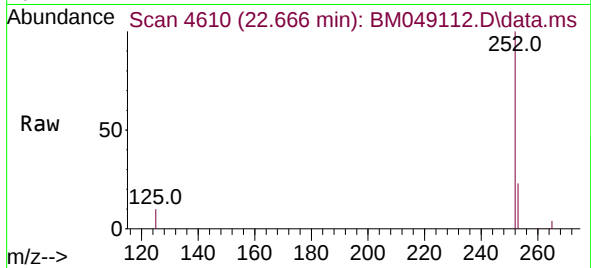
Tgt Ion:228 Resp: 186927
Ion Ratio Lower Upper
228 100
226 30.9 24.1 36.1
229 21.2 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 2.824 ng/ul m
RT: 22.666 min Scan# 4610
Delta R.T. 0.003 min
Lab File: BM049112.D
Acq: 20 Dec 2024 22:13

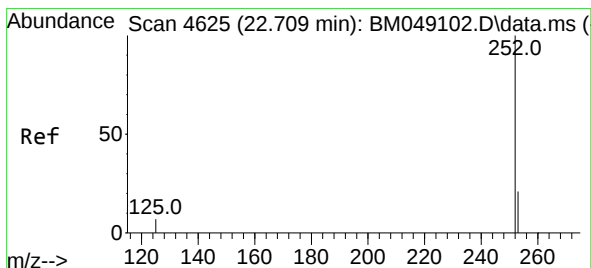
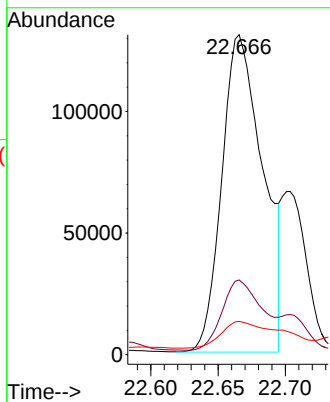
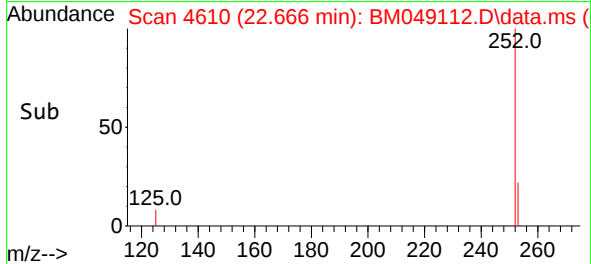
Instrument :
BNA_M
ClientSampleId :
E28Z2



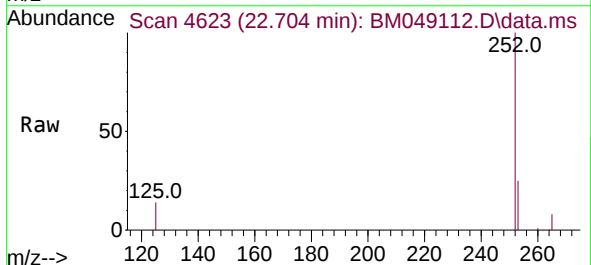
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Ion Ratio Lower Upper
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253 23.4 0.0 52.6
125 10.4 0.0 30.8

Manual Integrations
APPROVED

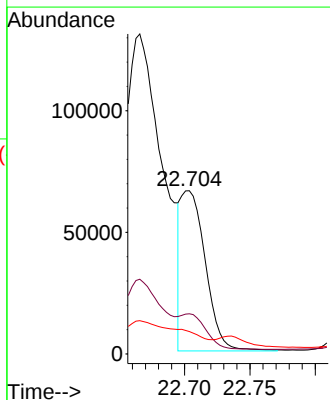
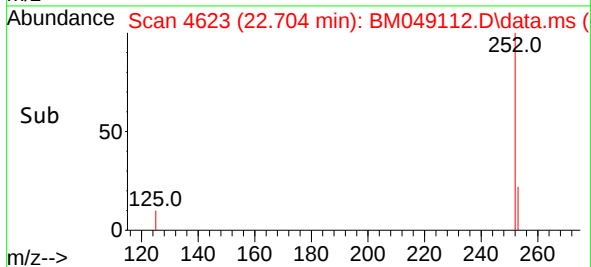
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

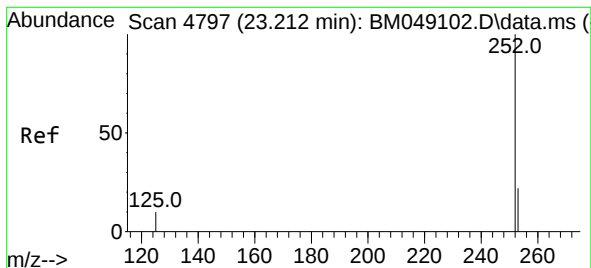


#25
Benzo(k)fluoranthene
Concen: 0.796 ng/ul m
RT: 22.704 min Scan# 4623
Delta R.T. -0.003 min
Lab File: BM049112.D
Acq: 20 Dec 2024 22:13



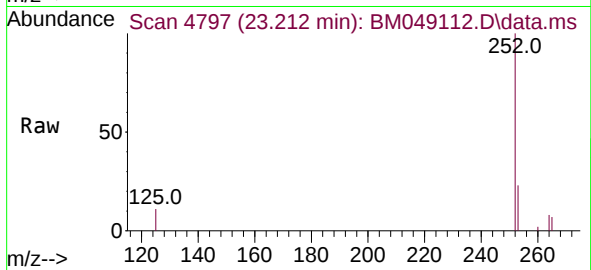
Tgt Ion:252 Resp: 85598
Ion Ratio Lower Upper
252 100
253 24.6 21.3 31.9
125 13.7 12.6 18.8





#26
Benzo(a)pyrene
Concen: 1.749 ng/ul m
RT: 23.212 min Scan# 4797
Delta R.T. 0.003 min
Lab File: BM049112.D
Acq: 20 Dec 2024 22:13

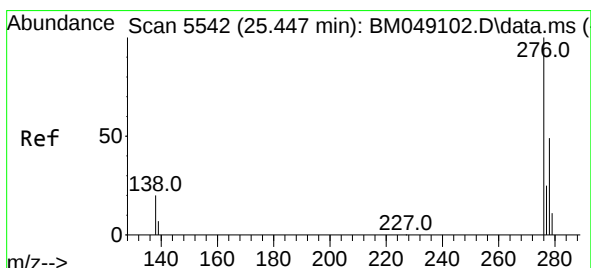
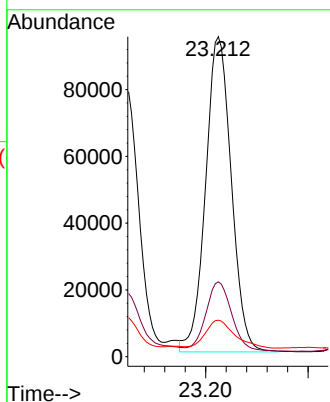
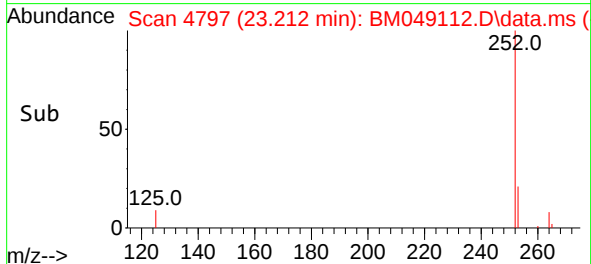
Instrument :
BNA_M
ClientSampleId :
E28Z2



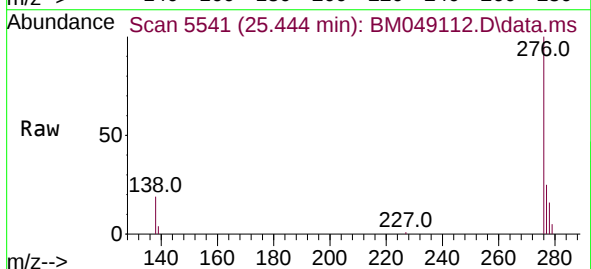
Tgt Ion:252 Resp: 16443
Ion Ratio Lower Upper
252 100
253 23.4 22.4 33.6
125 11.4 14.8 22.2

Manual Integrations
APPROVED

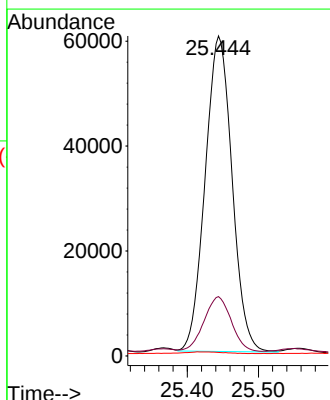
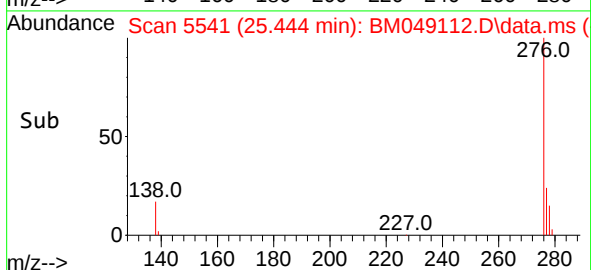
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

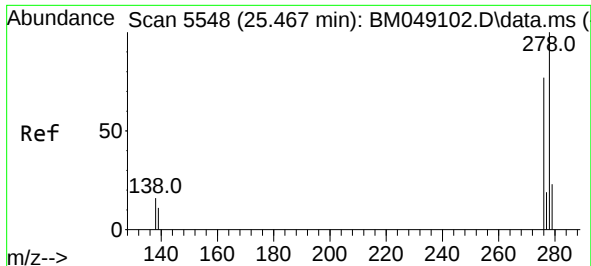


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.188 ng/ul
RT: 25.444 min Scan# 5541
Delta R.T. -0.003 min
Lab File: BM049112.D
Acq: 20 Dec 2024 22:13



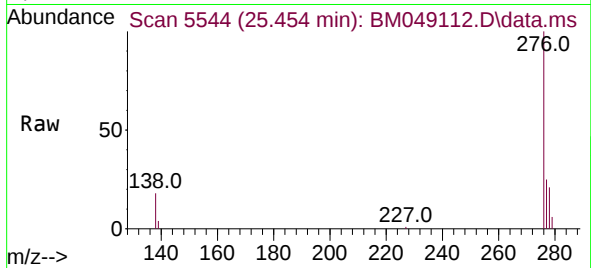
Tgt Ion:276 Resp: 158040
Ion Ratio Lower Upper
276 100
138 17.7 17.4 26.2
227 0.0 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.307 ng/ul
RT: 25.454 min Scan# 513
Delta R.T. -0.013 min
Lab File: BM049112.D
Acq: 20 Dec 2024 22:13

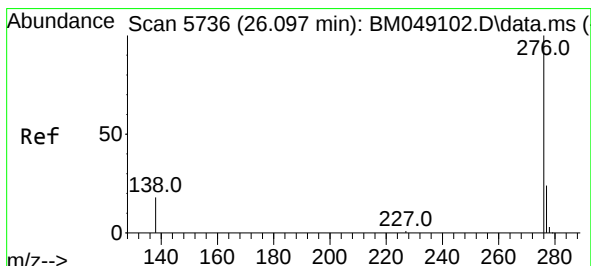
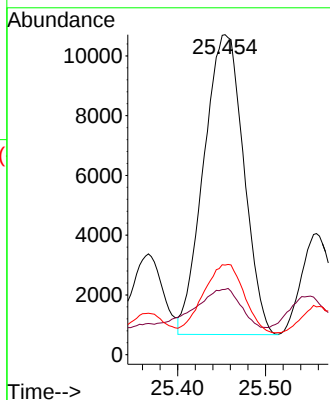
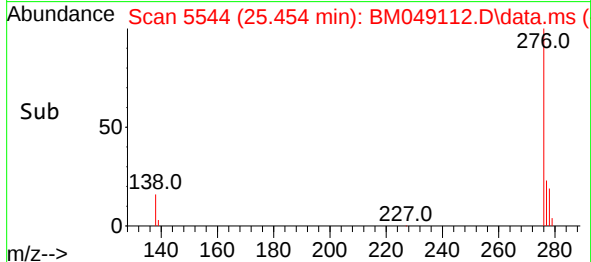
Instrument :
BNA_M
ClientSampleId :
E28Z2



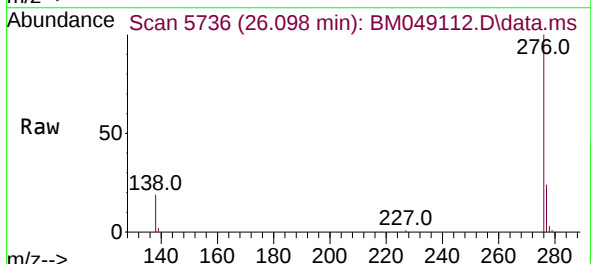
Tgt Ion:278 Resp: 3168
Ion Ratio Lower Upper
278 100
139 20.4 13.5 20.3
279 28.0 21.5 32.3

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 1.624 ng/ul
RT: 26.098 min Scan# 5736
Delta R.T. 0.003 min
Lab File: BM049112.D
Acq: 20 Dec 2024 22:13



Tgt Ion:276 Resp: 173794
Ion Ratio Lower Upper
276 100
138 18.9 16.7 25.1
277 24.1 19.9 29.9

