

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030224\
 Data File : BN030210.D
 Acq On : 03 Mar 2024 09:46
 Operator : MA/JU
 Sample : P1512-09
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E0SC0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/04/2024
 Supervised By :mohammad ahmed 03/05/2024

Quant Time: Mar 03 22:51:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN030224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 02 16:09:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.829	152	1672	0.400	ng/ul	0.00
4) Naphthalene-d8	10.623	136	4674	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.475	164	2613	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.231	188	6084	0.400	ng/ul	-0.02
17) Chrysene-d12	21.439	240	7292	0.400	ng/ul	-0.01
23) Perylene-d12	23.792	264	7793	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.302	96	9991	4.316	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.223	152	1774	0.294	ng/ul	-0.02
18) Fluoranthene-d10	19.268	212	5126	0.216	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.672	128	30510	2.212	ng/ul	95
7) 2-Methylnaphthalene	12.294	142	6084	0.814	ng/ul	100
8) 1-Methylnaphthalene	12.514	142	5185	0.654	ng/ul	100
10) Acenaphthylene	14.197	152	6911	0.473	ng/ul	98
11) Acenaphthene	14.540	153	17766	1.657	ng/ul	96
12) Fluorene	15.530	166	28011	2.565	ng/ul	96
15) Phenanthrene	17.273	178	289671	14.204	ng/ul	96
16) Anthracene	17.366	178	97135	5.412	ng/ul	93
19) Fluoranthene	19.301	202	574173	17.727	ng/ul#	94
20) Pyrene	19.663	202	489636	13.904	ng/ul	94
21) Benzo(a)anthracene	21.421	228	346105	13.429	ng/ul	98
22) Chrysene	21.474	228	294831	9.522	ng/ul	99
24) Benzo(b)fluoranthene	23.081	252	432842m	14.402	ng/ul	
25) Benzo(k)fluoranthene	23.122	252	150322m	4.241	ng/ul	
26) Benzo(a)pyrene	23.690	252	308169	10.074	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	26.219	276	197905	5.066	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.233	278	50150m	1.658	ng/ul	
29) Benzo(g,h,i)perylene	26.961	276	195691	5.399	ng/ul	92

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

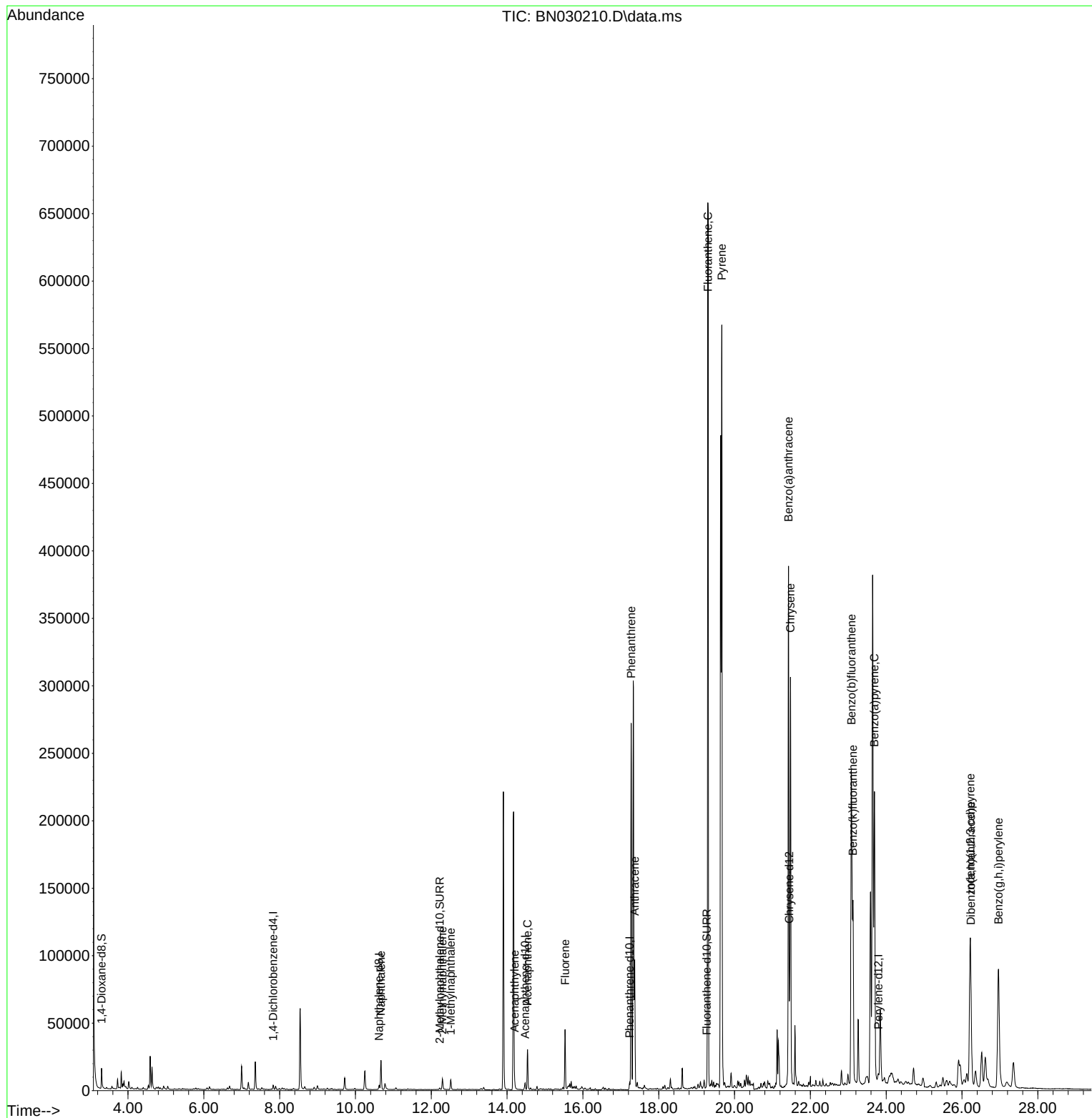
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030224\
Data File : BN030210.D
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ALS Vial : 31 Sample Multiplier: 1

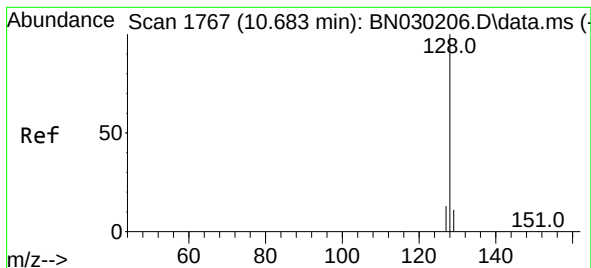
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#5

Naphthalene

Concen: 2.212 ng/ul

RT: 10.672 min Scan# 1765

Delta R.T. -0.016 min

Lab File: BN030210.D

Acq: 03 Mar 2024 09:46

Instrument :

BNA_N

ClientSampleId :

E0SC0

Tgt Ion:128 Resp: 30510

Ion Ratio Lower Upper

128 100

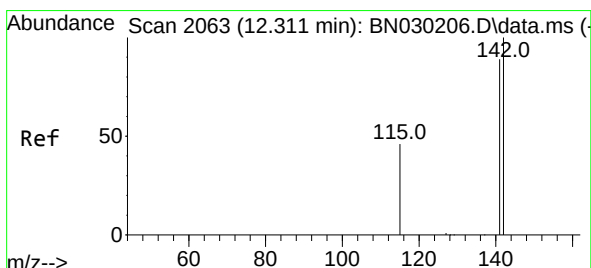
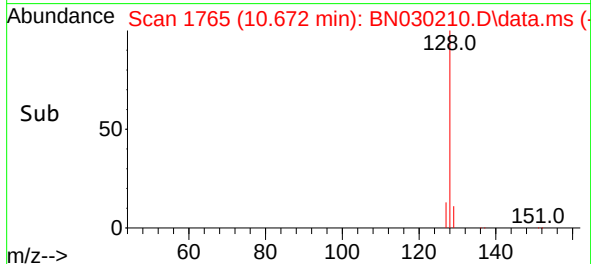
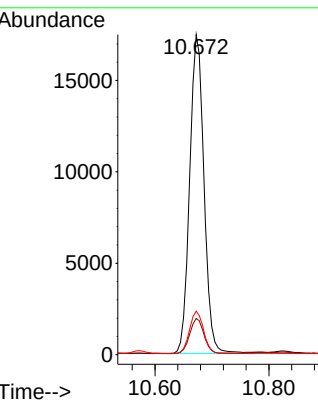
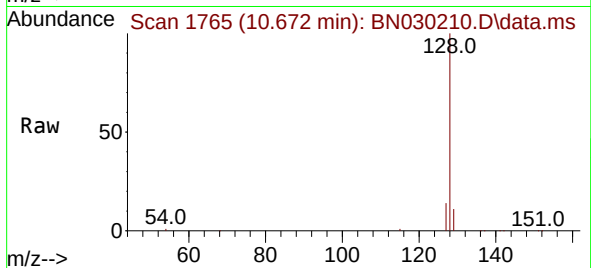
129 11.3 11.0 16.4

127 13.6 12.3 18.5

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Supervised By :mohammad ahmed 03/05/2024



#7

2-Methylnaphthalene

Concen: 0.814 ng/ul

RT: 12.294 min Scan# 2060

Delta R.T. -0.016 min

Lab File: BN030210.D

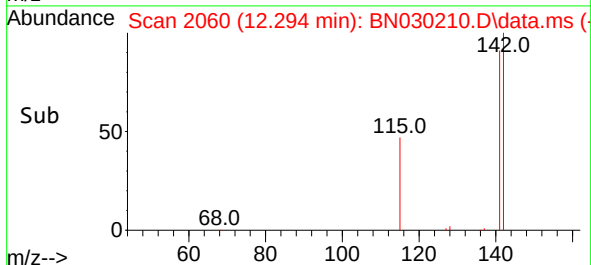
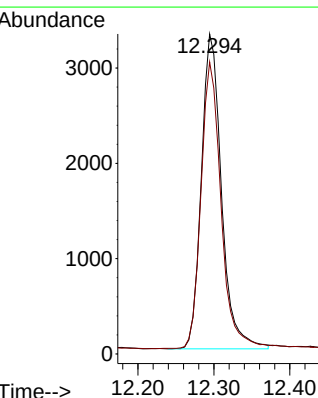
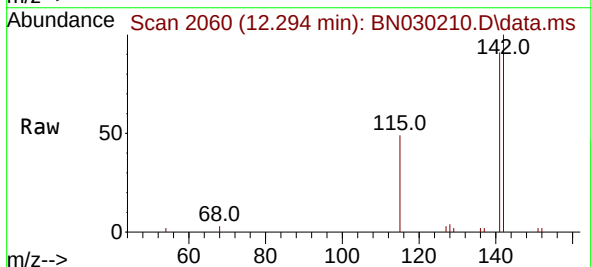
Acq: 03 Mar 2024 09:46

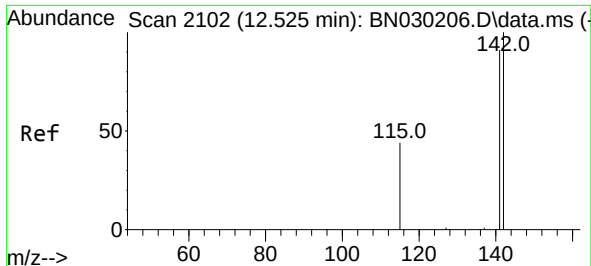
Tgt Ion:142 Resp: 6084

Ion Ratio Lower Upper

142 100

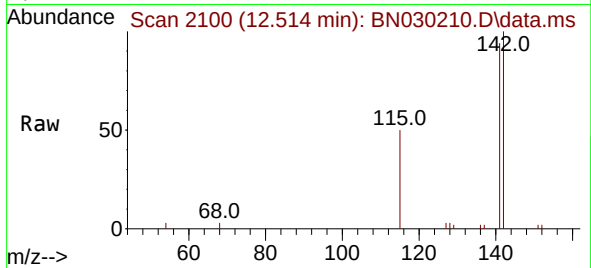
141 90.6 72.8 109.2





#8
1-Methylnaphthalene
Concen: 0.654 ng/ul
RT: 12.514 min Scan# 2102
Delta R.T. -0.011 min
Lab File: BN030210.D
Acq: 03 Mar 2024 09:46

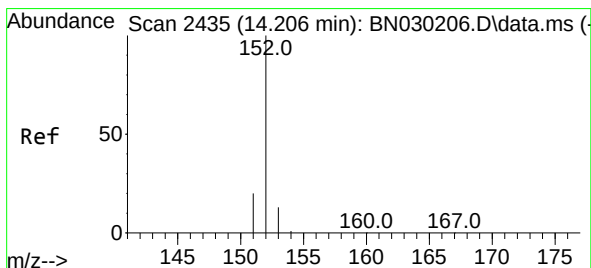
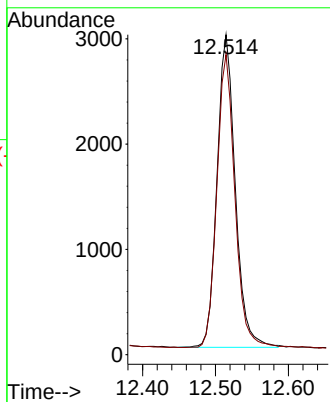
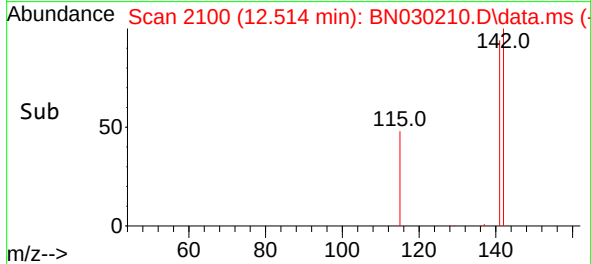
Instrument :
BNA_N
ClientSampleId :
E0SC0



Tgt Ion:142 Resp: 518
Ion Ratio Lower Upper
142 100
141 92.7 74.2 111.2

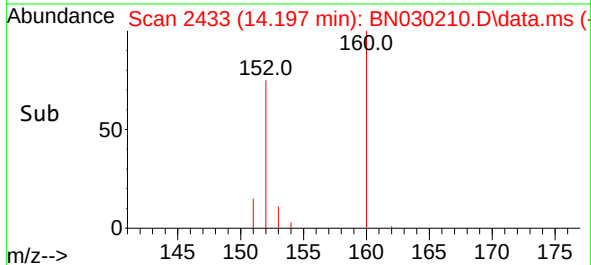
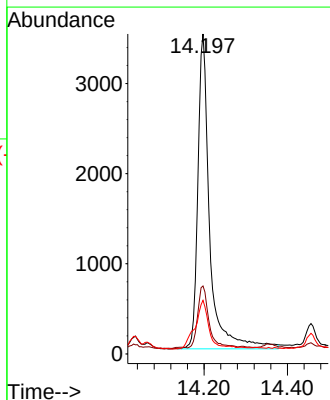
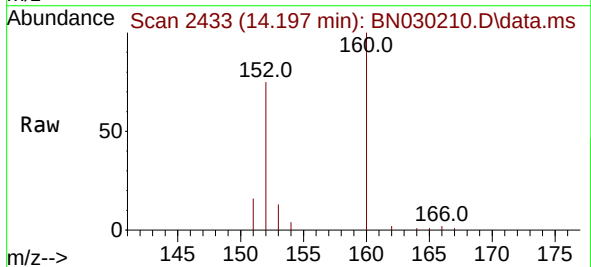
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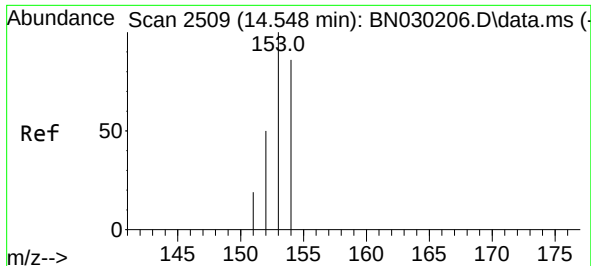
Reviewed By :Jagrut Upadhyay 03/04/2024
Supervised By :mohammad ahmed 03/05/2024



#10
Acenaphthylene
Concen: 0.473 ng/ul
RT: 14.197 min Scan# 2433
Delta R.T. -0.009 min
Lab File: BN030210.D
Acq: 03 Mar 2024 09:46

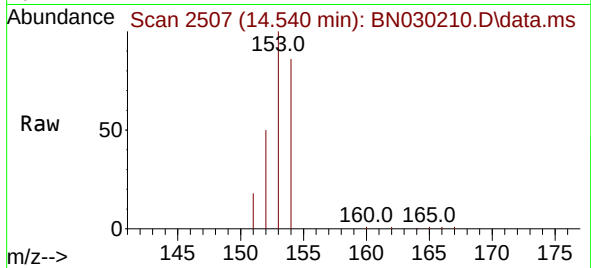
Tgt Ion:152 Resp: 6911
Ion Ratio Lower Upper
152 100
151 21.2 16.9 25.3
153 16.7 11.8 17.6





#11
Acenaphthene
Concen: 1.657 ng/ul
RT: 14.540 min Scan# 2107
Delta R.T. -0.009 min
Lab File: BN030210.D
Acq: 03 Mar 2024 09:46

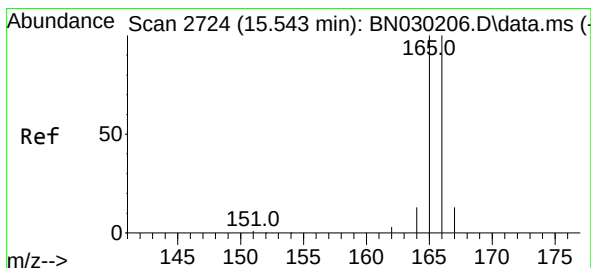
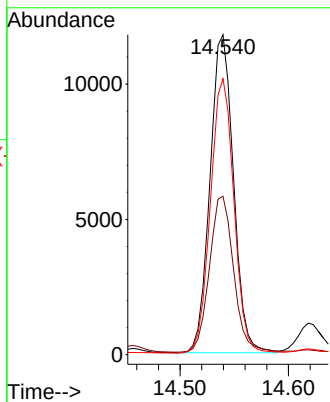
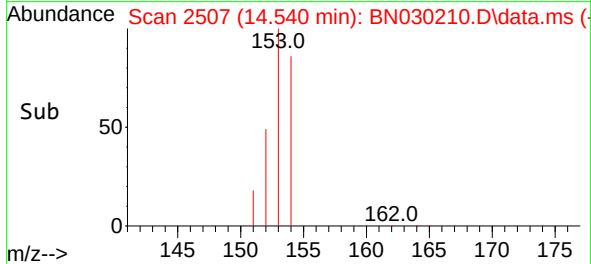
Instrument :
BNA_N
ClientSampleId :
E0SC0



Tgt Ion:153 Resp: 17760
Ion Ratio Lower Upper
153 100
152 49.5 43.2 64.8
154 86.3 67.5 101.3

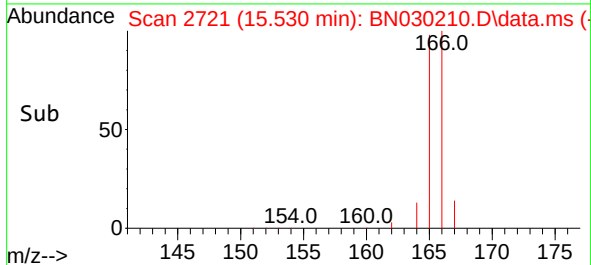
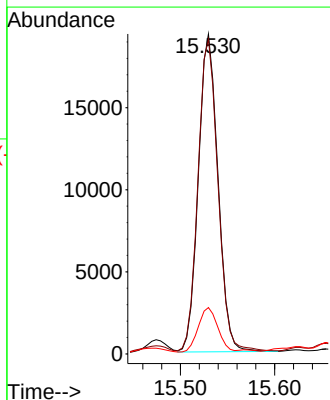
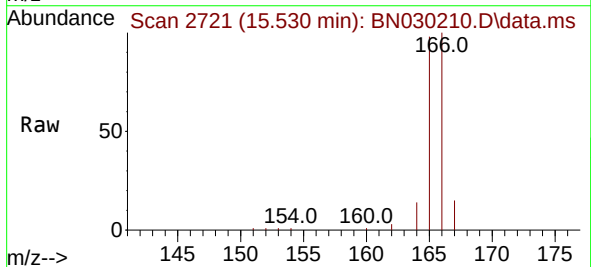
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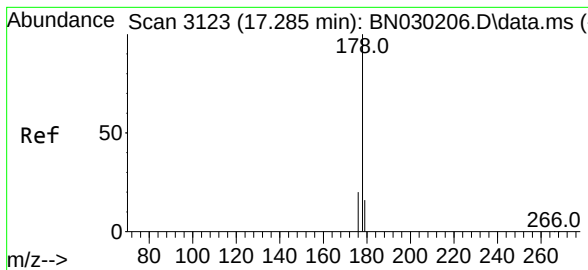
Reviewed By :Jagrut Upadhyay 03/04/2024
Supervised By :mohammad ahmed 03/05/2024



#12
Fluorene
Concen: 2.565 ng/ul
RT: 15.530 min Scan# 2721
Delta R.T. -0.018 min
Lab File: BN030210.D
Acq: 03 Mar 2024 09:46

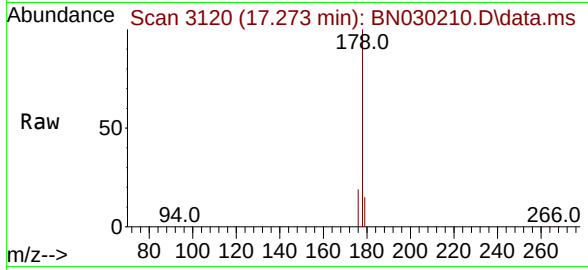
Tgt Ion:166 Resp: 28011
Ion Ratio Lower Upper
166 100
165 98.4 81.8 122.6
167 14.5 13.0 19.4





#15
 Phenanthrene
 Concen: 14.204 ng/u1
 RT: 17.273 min Scan# 3120
 Delta R.T. -0.017 min
 Lab File: BN030210.D
 Acq: 03 Mar 2024 09:46

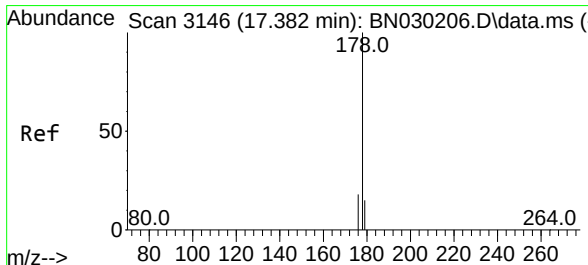
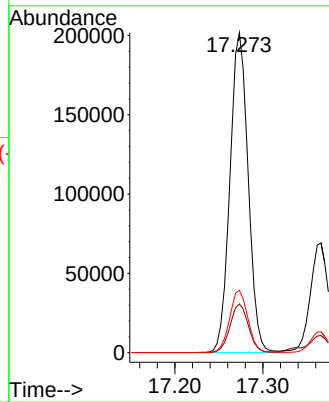
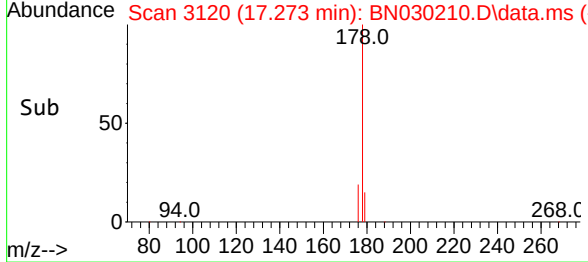
Instrument :
 BNA_N
 ClientSampleId :
 E0SC0



Tgt Ion:	178	Resp:	28967
Ion Ratio	Lower	Upper	
178	100		
179	15.3	13.8	20.8
176	19.5	16.6	25.0

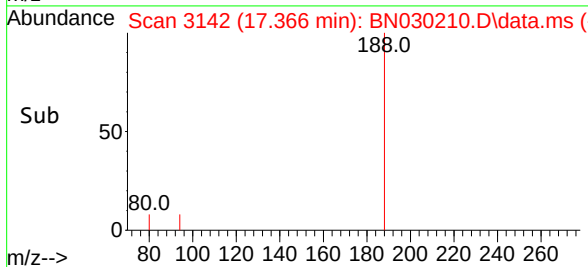
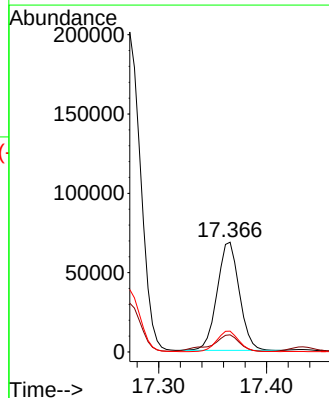
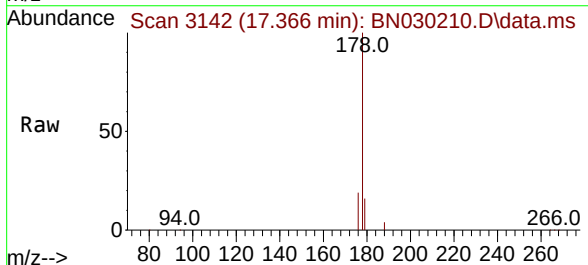
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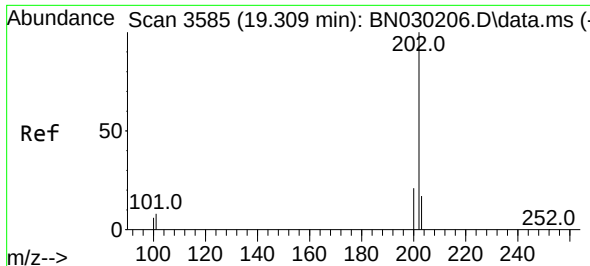
Reviewed By :Jagrut Upadhyay 03/04/2024
 Supervised By :mohammad ahmed 03/05/2024



#16
 Anthracene
 Concen: 5.412 ng/u1
 RT: 17.366 min Scan# 3142
 Delta R.T. -0.021 min
 Lab File: BN030210.D
 Acq: 03 Mar 2024 09:46

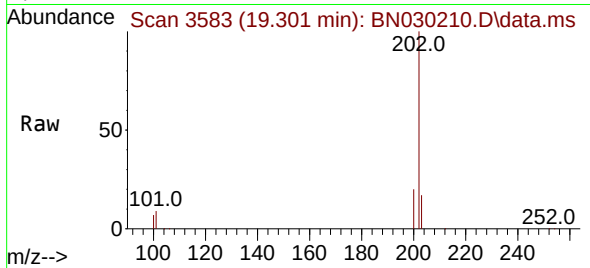
Tgt Ion:	178	Resp:	97135
Ion Ratio	Lower	Upper	
178	100		
179	15.6	14.8	22.2
176	18.9	17.8	26.6





#19
Fluoranthene
Concen: 17.727 ng/u1
RT: 19.301 min Scan# 3583
Delta R.T. -0.014 min
Lab File: BN030210.D
Acq: 03 Mar 2024 09:46

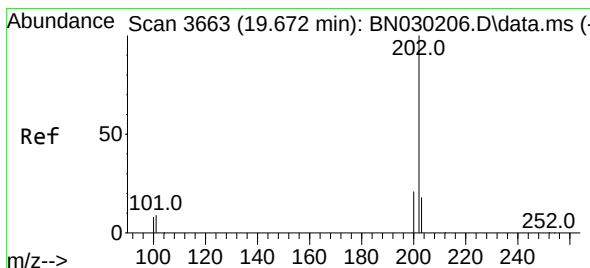
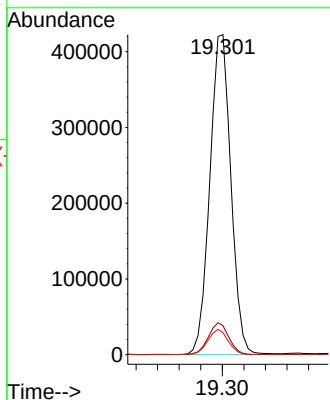
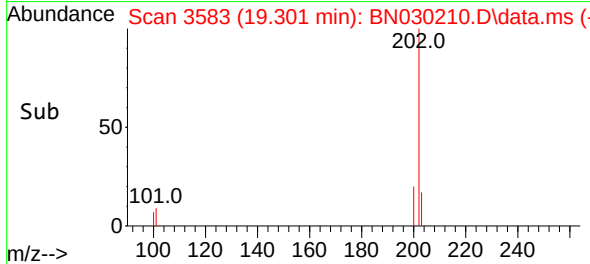
Instrument :
BNA_N
ClientSampleId :
E0SC0



Tgt Ion:202 Resp: 57417
Ion Ratio Lower Upper
202 100
101 9.1 8.8 13.2
100 6.9 7.4 11.2

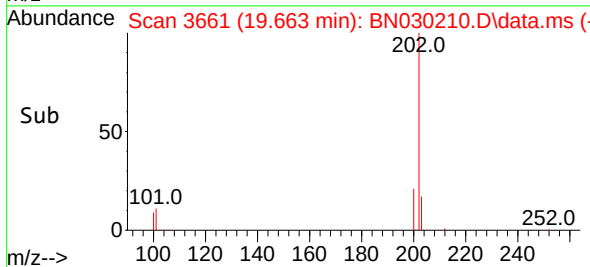
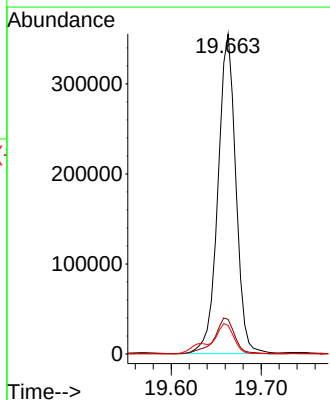
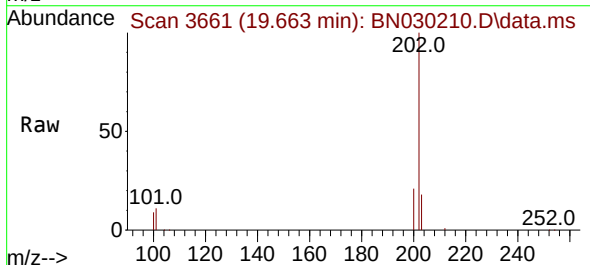
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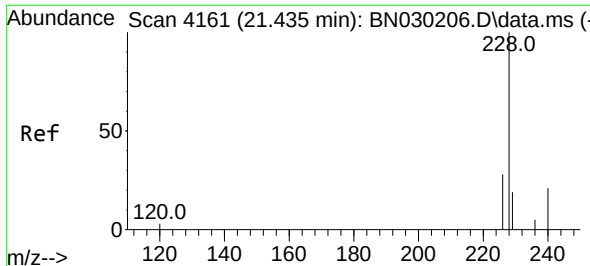
Reviewed By :Jagrut Upadhyay 03/04/2024
Supervised By :mohammad ahmed 03/05/2024



#20
Pyrene
Concen: 13.904 ng/u1
RT: 19.663 min Scan# 3661
Delta R.T. -0.009 min
Lab File: BN030210.D
Acq: 03 Mar 2024 09:46

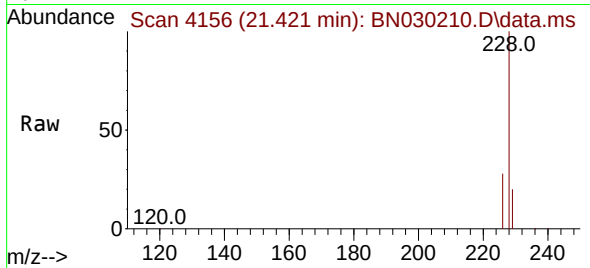
Tgt Ion:202 Resp: 489636
Ion Ratio Lower Upper
202 100
101 10.8 10.6 15.8
100 8.9 8.8 13.2





#21
Benzo(a)anthracene
Concen: 13.429 ng/ul
RT: 21.421 min Scan# 4161
Delta R.T. -0.018 min
Lab File: BN030210.D
Acq: 03 Mar 2024 09:46

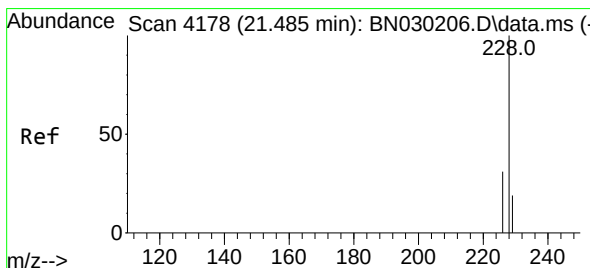
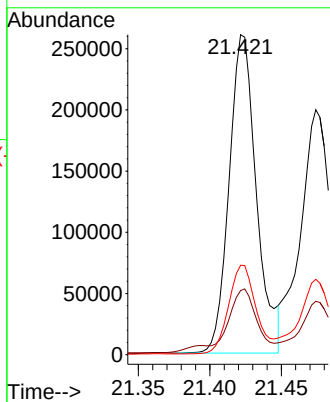
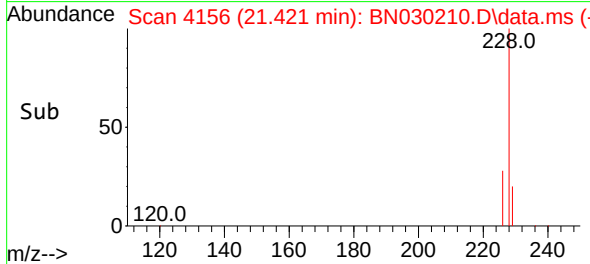
Instrument :
BNA_N
ClientSampleId :
E0SC0



Tgt Ion:228 Resp: 34610
Ion Ratio Lower Upper
228 100
229 20.1 16.6 24.8
226 28.0 23.7 35.5

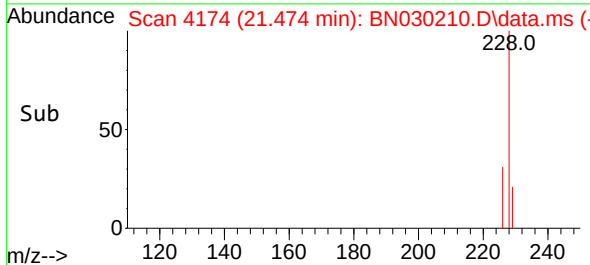
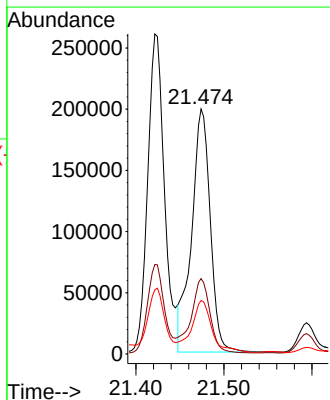
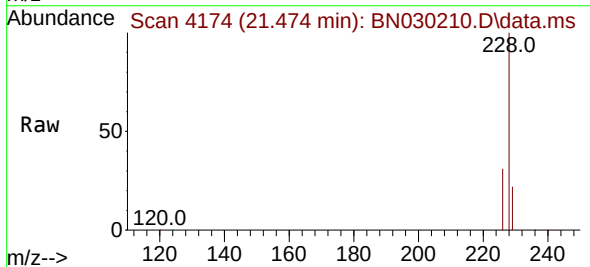
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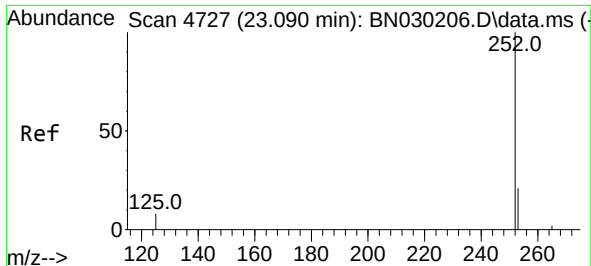
Reviewed By :Jagrut Upadhyay 03/04/2024
Supervised By :mohammad ahmed 03/05/2024



#22
Chrysene
Concen: 9.522 ng/ul
RT: 21.474 min Scan# 4174
Delta R.T. -0.015 min
Lab File: BN030210.D
Acq: 03 Mar 2024 09:46

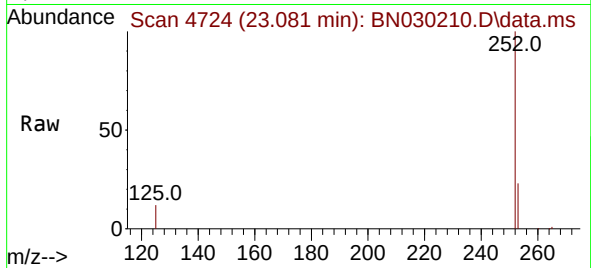
Tgt Ion:228 Resp: 294831
Ion Ratio Lower Upper
228 100
226 30.8 24.6 37.0
229 21.8 16.6 24.8





#24
Benzo(b)fluoranthene
Concen: 14.402 ng/ul m
RT: 23.081 min Scan# 4727
Delta R.T. -0.015 min
Lab File: BN030210.D
Acq: 03 Mar 2024 09:46

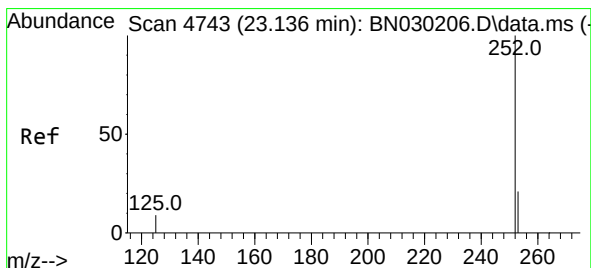
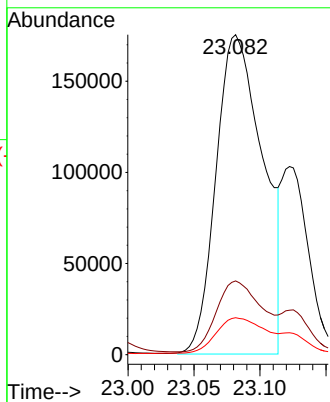
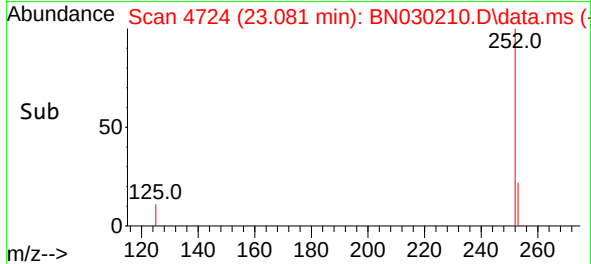
Instrument :
BNA_N
ClientSampleId :
E0SC0



Tgt Ion:252 Resp: 43284
Ion Ratio Lower Upper
252 100
253 23.0 0.0 69.4
125 11.6 0.0 32.8

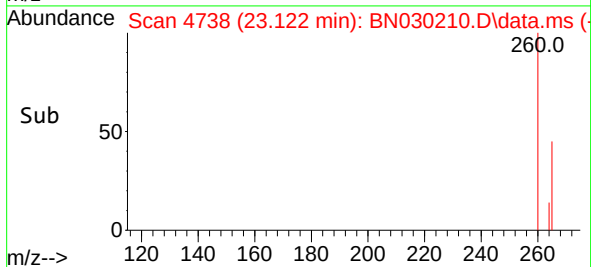
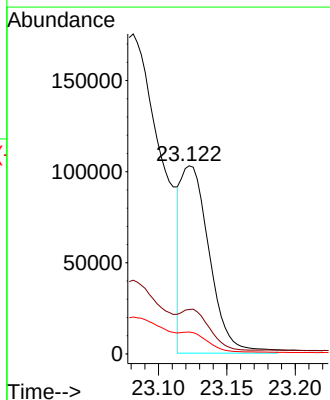
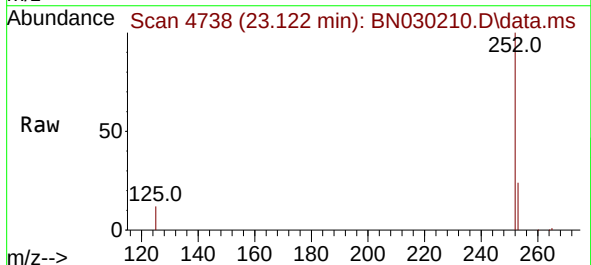
Manual Integrations
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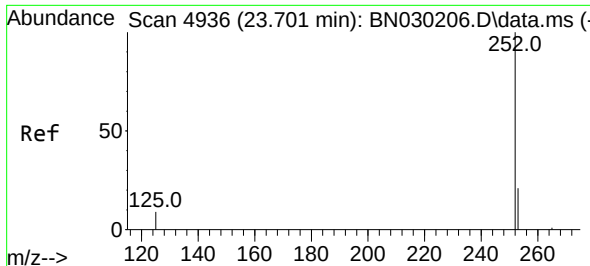
Reviewed By :Jagrut Upadhyay 03/04/2024
Supervised By :mohammad ahmed 03/05/2024



#25
Benzo(k)fluoranthene
Concen: 4.241 ng/ul m
RT: 23.122 min Scan# 4738
Delta R.T. -0.020 min
Lab File: BN030210.D
Acq: 03 Mar 2024 09:46

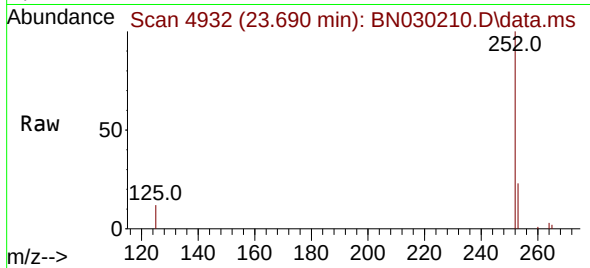
Tgt Ion:252 Resp: 150322
Ion Ratio Lower Upper
252 100
253 23.6 28.0 42.0#
125 11.6 14.4 21.6#





#26
Benzo(a)pyrene
Concen: 10.074 ng/ul
RT: 23.690 min Scan# 4936
Delta R.T. -0.020 min
Lab File: BN030210.D
Acq: 03 Mar 2024 09:46

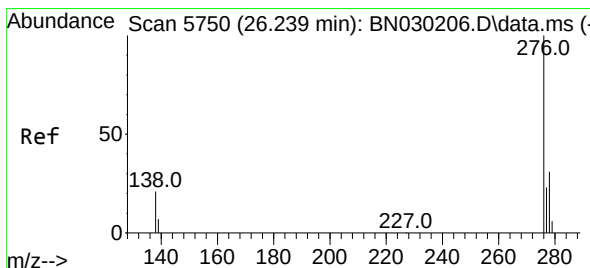
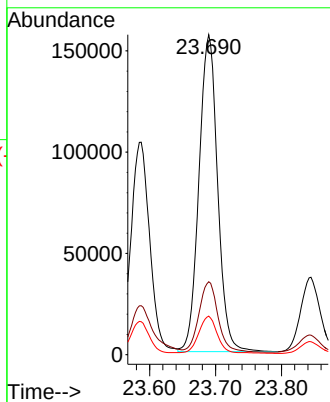
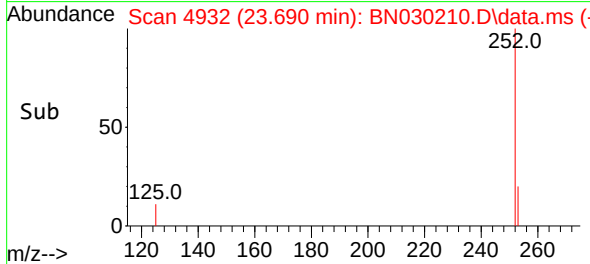
Instrument :
BNA_N
ClientSampleId :
E0SC0



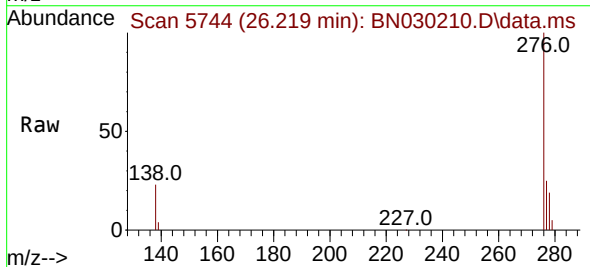
Tgt Ion:252 Resp: 308169
Ion Ratio Lower Upper
252 100
253 22.8 33.0 49.4
125 12.0 16.9 25.3

Manual Integrations
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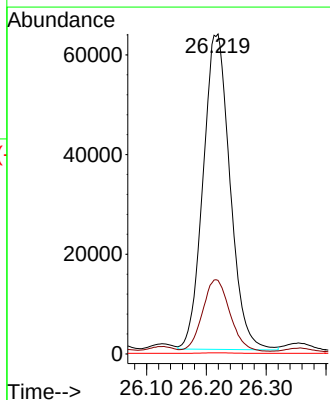
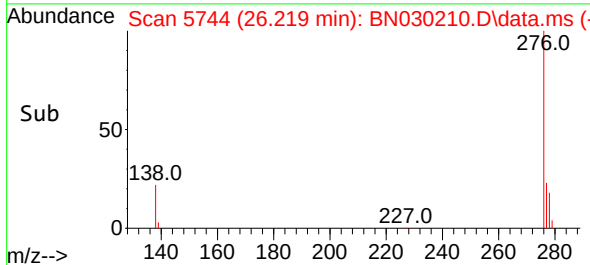
Reviewed By :Jagrut Upadhyay 03/04/2024
Supervised By :mohammad ahmed 03/05/2024

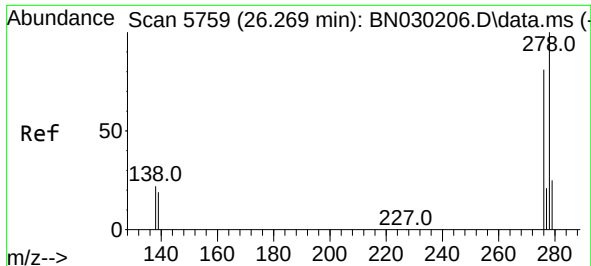


#27
Indeno(1,2,3-cd)pyrene
Concen: 5.066 ng/ul
RT: 26.219 min Scan# 5744
Delta R.T. -0.030 min
Lab File: BN030210.D
Acq: 03 Mar 2024 09:46



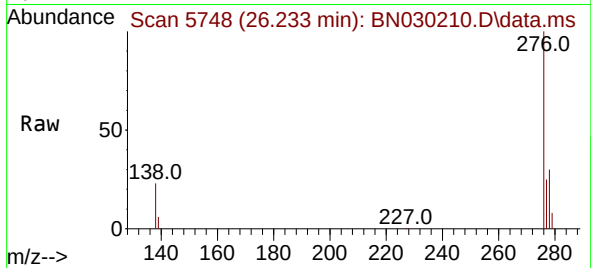
Tgt Ion:276 Resp: 197905
Ion Ratio Lower Upper
276 100
138 23.1 20.9 31.3
227 0.2 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 1.658 ng/ul m
RT: 26.233 min Scan# 51
Delta R.T. -0.054 min
Lab File: BN030210.D
Acq: 03 Mar 2024 09:46

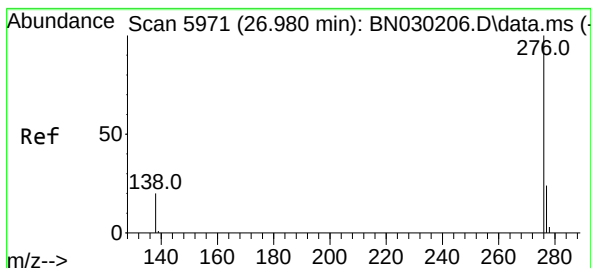
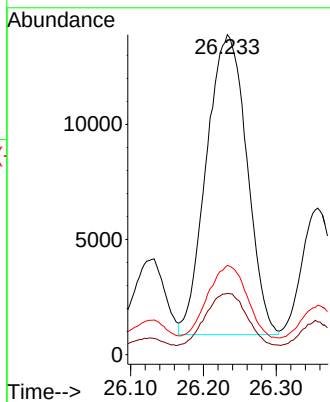
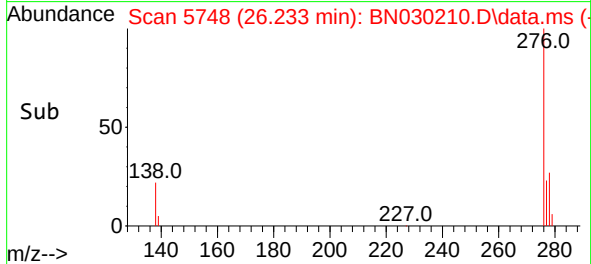
Instrument :
BNA_N
ClientSampleId :
E0SC0



Tgt Ion:278 Resp: 50150
Ion Ratio Lower Upper
278 100
139 19.1 18.9 28.3
279 27.9 31.8 47.6

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Reviewed By :Jagrut Upadhyay 03/04/2024
Supervised By :mohammad ahmed 03/05/2024



#29
Benzo(g,h,i)perylene
Concen: 5.399 ng/ul
RT: 26.961 min Scan# 5965
Delta R.T. -0.023 min
Lab File: BN030210.D
Acq: 03 Mar 2024 09:46

Tgt Ion:276 Resp: 195691
Ion Ratio Lower Upper
276 100
138 23.7 22.6 33.8
277 23.9 21.9 32.9

