

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030224\
 Data File : BN030212.D
 Acq On : 03 Mar 2024 10:58
 Operator : MA/JU
 Sample : P1512-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EOS90

Manual Integrations
 APPROVED

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

Quant Time: Mar 03 22:52:04 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	2213	0.400	ng/ul	0.00
4) Naphthalene-d8	10.623	136	5832	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.475	164	2882	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.231	188	5998	0.400	ng/ul	-0.02
17) Chrysene-d12	21.439	240	6086	0.400	ng/ul	-0.01
23) Perylene-d12	23.789	264	6148m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.302	96	11232	3.666	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.223	152	1987	0.264	ng/ul	-0.02
18) Fluoranthene-d10	19.268	212	4108	0.207	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.672	128	18837	1.095	ng/ul	95
7) 2-Methylnaphthalene	12.294	142	5701	0.611	ng/ul	100
8) 1-Methylnaphthalene	12.514	142	4198	0.425	ng/ul	99
10) Acenaphthylene	14.197	152	8205	0.509	ng/ul	98
11) Acenaphthene	14.540	153	2563	0.217	ng/ul	98
12) Fluorene	15.530	166	4669	0.388	ng/ul	98
15) Phenanthrene	17.273	178	51916	2.582	ng/ul	96
16) Anthracene	17.366	178	12674	0.716	ng/ul	95
19) Fluoranthene	19.296	202	104343	3.860	ng/ul	97
20) Pyrene	19.663	202	87691	2.984	ng/ul	95
21) Benzo(a)anthracene	21.424	228	43217	2.009	ng/ul	97
22) Chrysene	21.477	228	61680	2.387	ng/ul	99
24) Benzo(b)fluoranthene	23.082	252	87628m	3.696	ng/ul	
25) Benzo(k)fluoranthene	23.122	252	34236m	1.224	ng/ul	
26) Benzo(a)pyrene	23.687	252	52281	2.166	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.219	276	42722	1.386	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.233	278	9365	0.393	ng/ul#	92
29) Benzo(g,h,i)perylene	26.961	276	37158	1.300	ng/ul	94

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

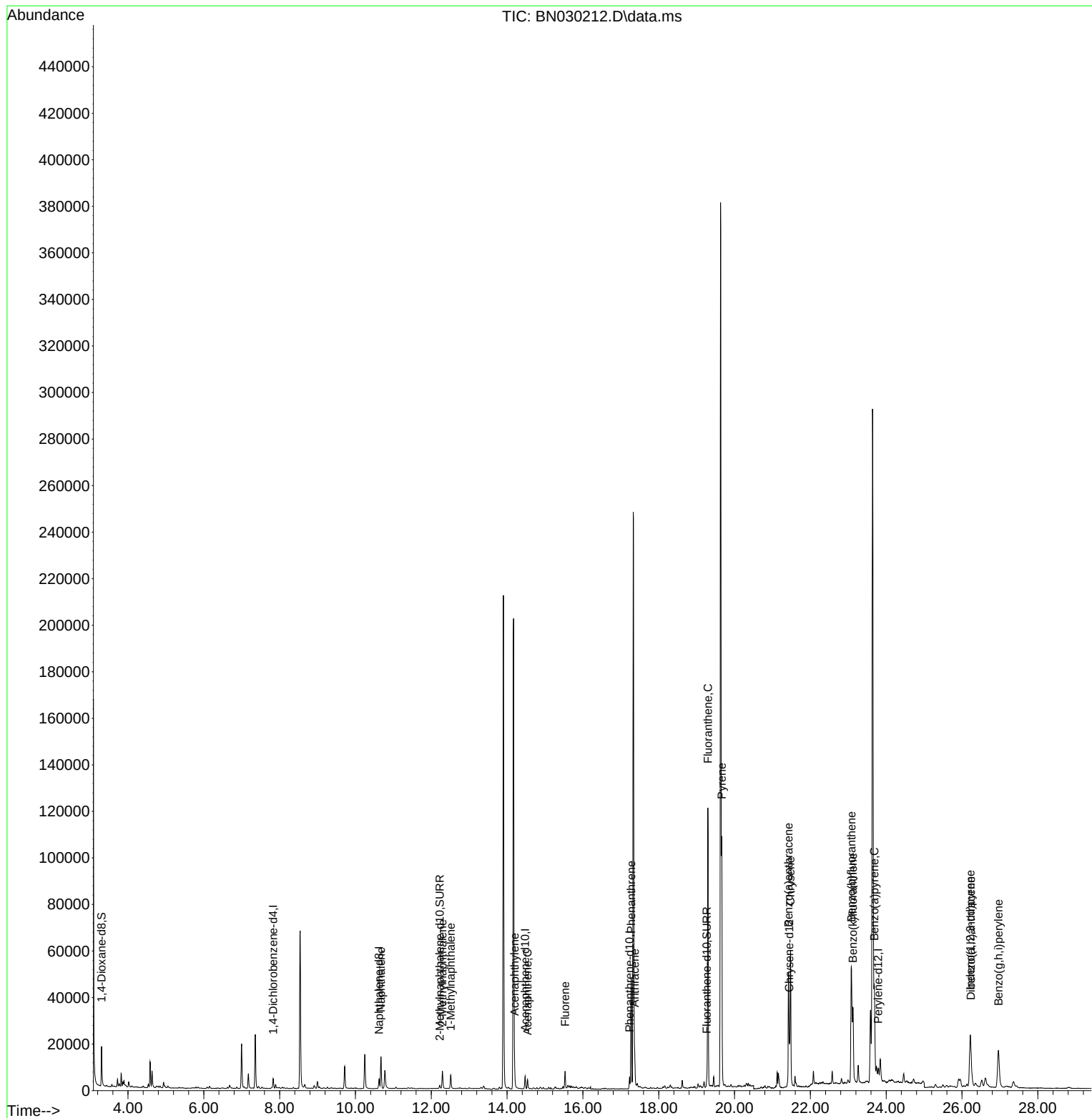
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030224\
Data File : BN030212.D
Acq On : 03 Mar 2024 10:58
Operator : MA/JU
Sample : P1512-01
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ALS Vial : 33 Sample Multiplier: 1

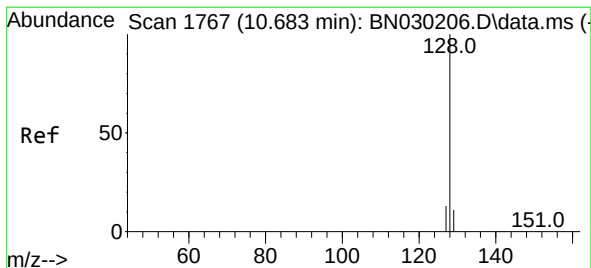
Instrument :
BNA_N
ClientSampleId :
E0S90

Manual Integrations
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#5

Naphthalene

Concen: 1.095 ng/ul

RT: 10.672 min Scan# 1765

Delta R.T. -0.016 min

Lab File: BN030212.D

Acq: 03 Mar 2024 10:58

Instrument :

BNA_N

ClientSampleId :

E0S90

Tgt Ion:128 Resp: 1883

Ion Ratio Lower Upper

128 100

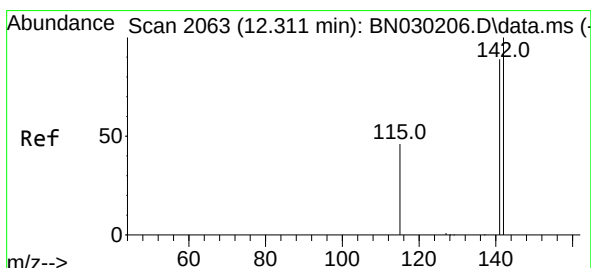
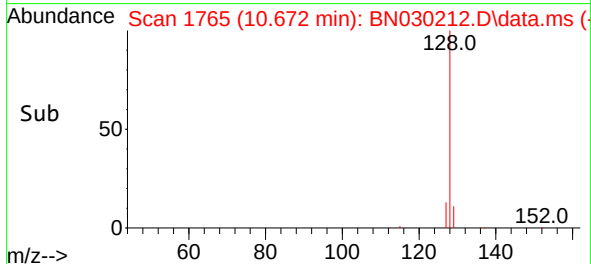
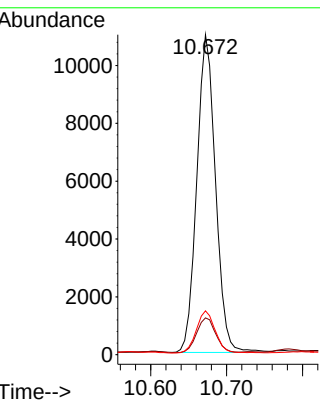
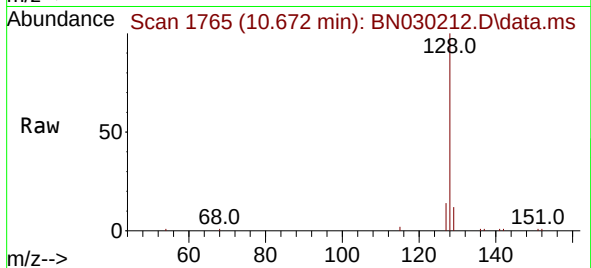
129 11.5 11.0 16.4

127 13.7 12.3 18.5

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Supervised By :mohammad ahmed 03/05/2024



#7

2-Methylnaphthalene

Concen: 0.611 ng/ul

RT: 12.294 min Scan# 2060

Delta R.T. -0.016 min

Lab File: BN030212.D

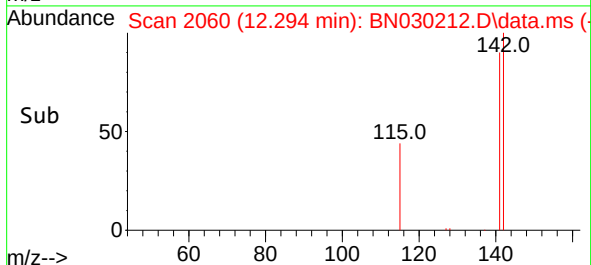
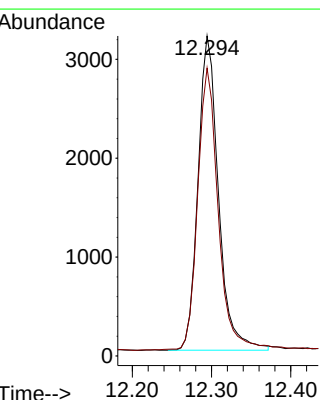
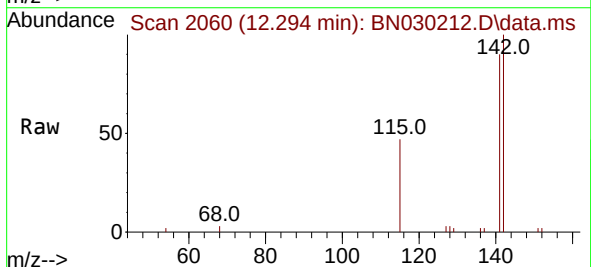
Acq: 03 Mar 2024 10:58

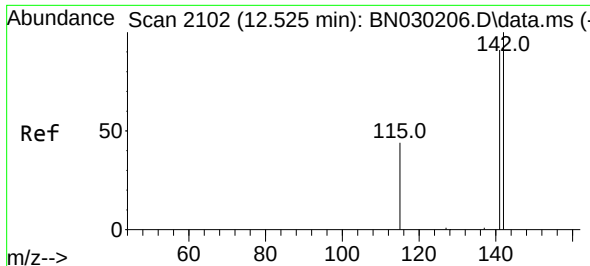
Tgt Ion:142 Resp: 5701

Ion Ratio Lower Upper

142 100

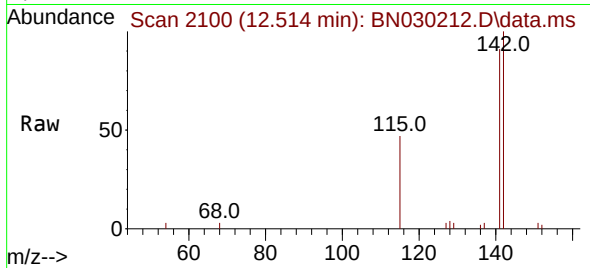
141 90.6 72.8 109.2





#8
1-Methylnaphthalene
Concen: 0.425 ng/ul
RT: 12.514 min Scan# 2100
Delta R.T. -0.011 min
Lab File: BN030212.D
Acq: 03 Mar 2024 10:58

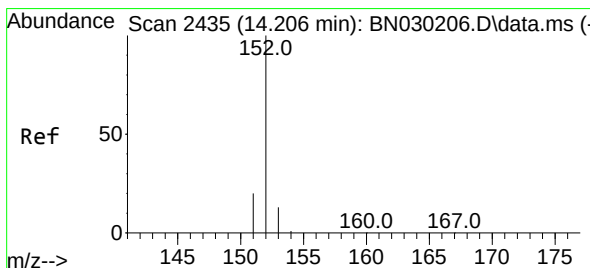
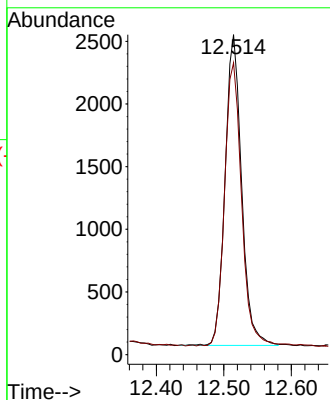
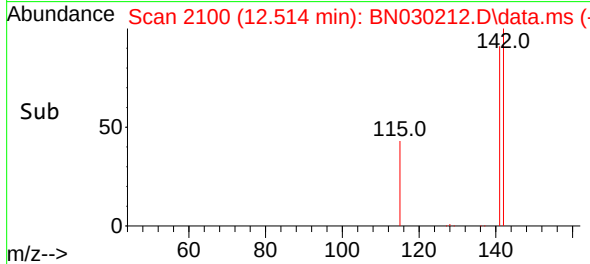
Instrument :
BNA_N
ClientSampleId :
E0S90



Tgt Ion:142 Resp: 4198
Ion Ratio Lower Upper
142 100
141 93.7 74.2 111.2

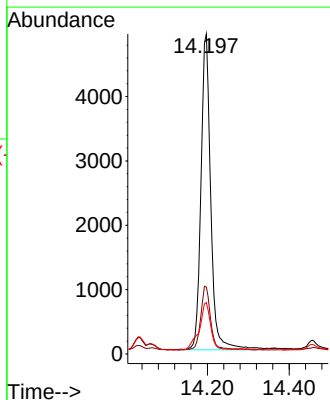
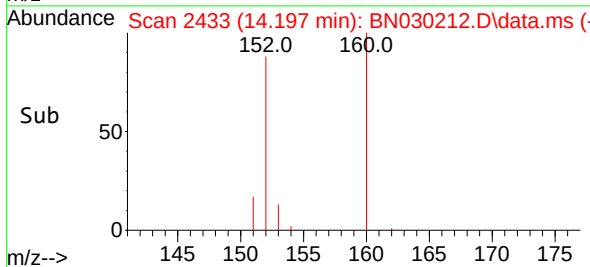
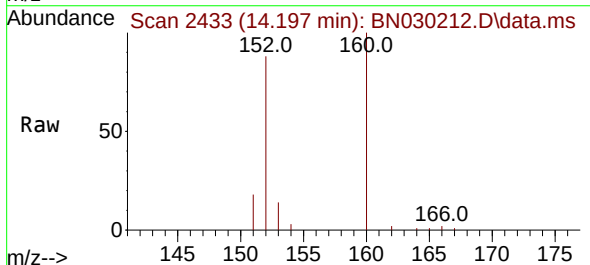
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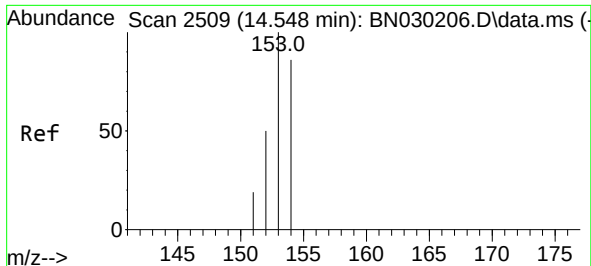
Reviewed By :Jagrut Upadhyay 03/04/2024
Supervised By :mohammad ahmed 03/05/2024



#10
Acenaphthylene
Concen: 0.509 ng/ul
RT: 14.197 min Scan# 2433
Delta R.T. -0.009 min
Lab File: BN030212.D
Acq: 03 Mar 2024 10:58

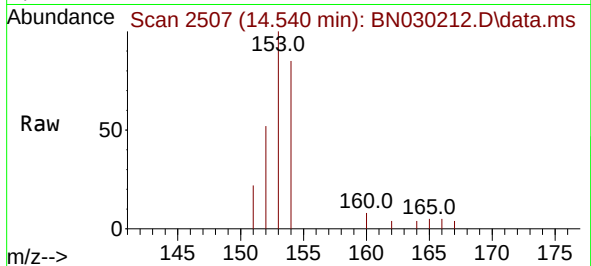
Tgt Ion:152 Resp: 8205
Ion Ratio Lower Upper
152 100
151 20.9 16.9 25.3
153 16.1 11.8 17.6





#11
Acenaphthene
Concen: 0.217 ng/ul
RT: 14.540 min Scan# 2561
Delta R.T. -0.009 min
Lab File: BN030212.D
Acq: 03 Mar 2024 10:58

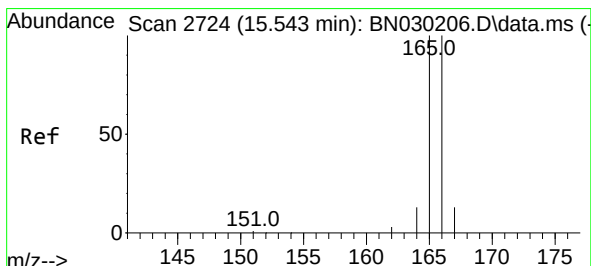
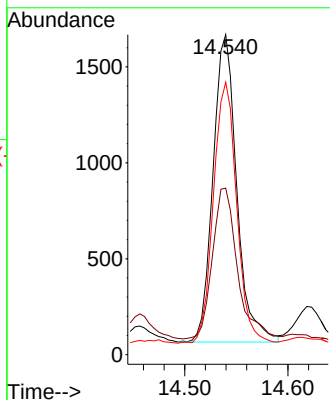
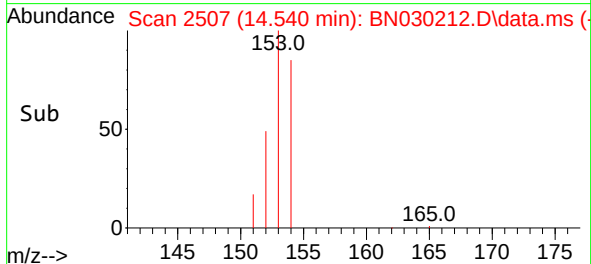
Instrument :
BNA_N
ClientSampleId :
E0S90



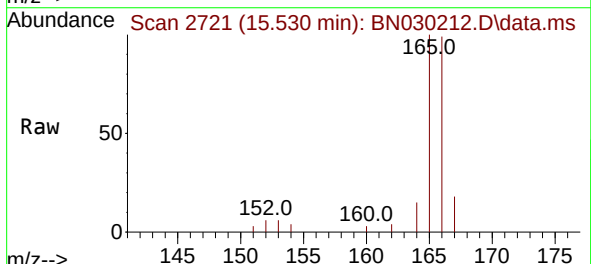
Tgt Ion:153 Resp: 2561
Ion Ratio Lower Upper
153 100
152 52.0 43.2 64.8
154 85.1 67.5 101.3

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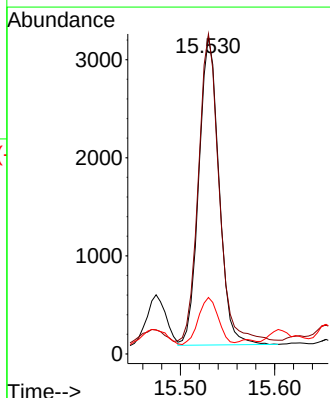
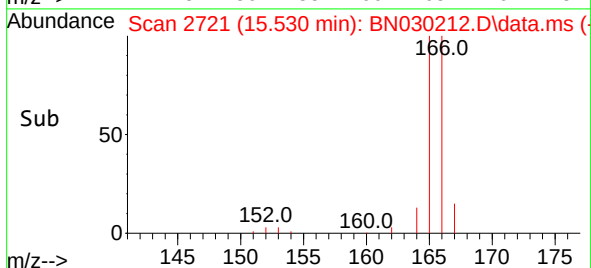
Reviewed By :Jagrut Upadhyay 03/04/2024
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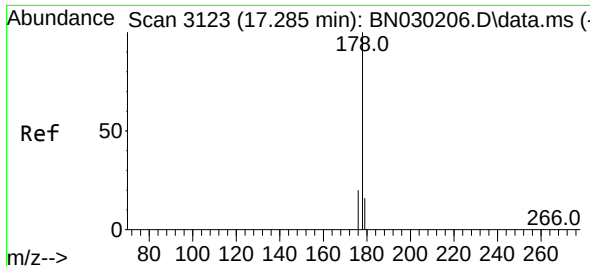


#12
Fluorene
Concen: 0.388 ng/ul
RT: 15.530 min Scan# 2721
Delta R.T. -0.018 min
Lab File: BN030212.D
Acq: 03 Mar 2024 10:58



Tgt Ion:166 Resp: 4669
Ion Ratio Lower Upper
166 100
165 100.8 81.8 122.6
167 17.8 13.0 19.4





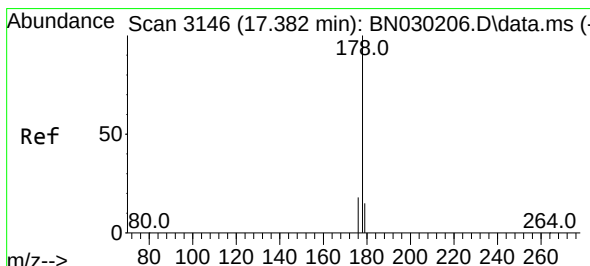
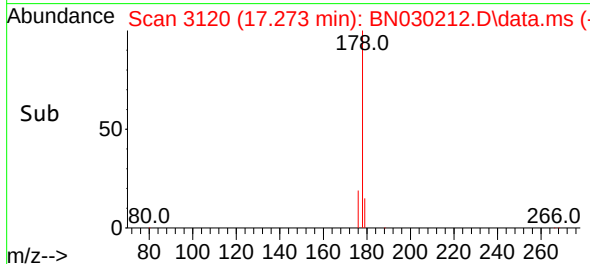
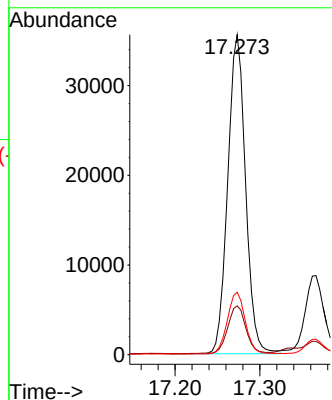
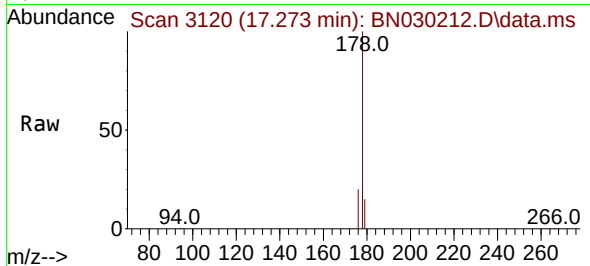
#15
Phenanthrene
Concen: 2.582 ng/ul
RT: 17.273 min Scan# 3120
Delta R.T. -0.017 min
Lab File: BN030212.D
Acq: 03 Mar 2024 10:58

Instrument :
BNA_N
ClientSampleId :
E0S90

Tgt Ion:178 Resp: 51910
Ion Ratio Lower Upper
178 100
179 15.2 13.8 20.8
176 19.5 16.6 25.0

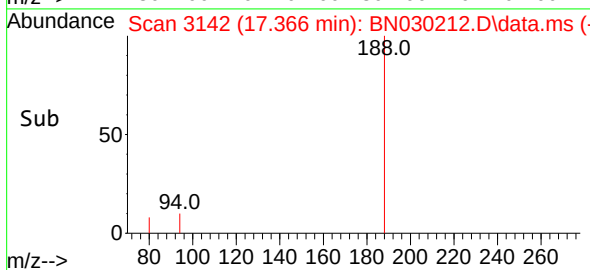
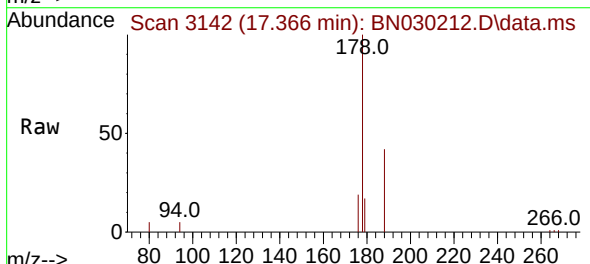
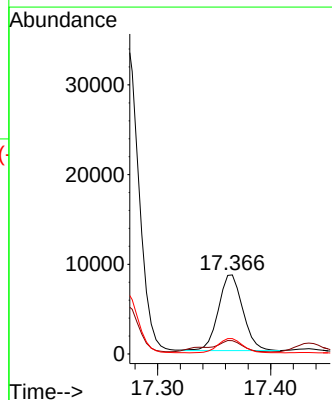
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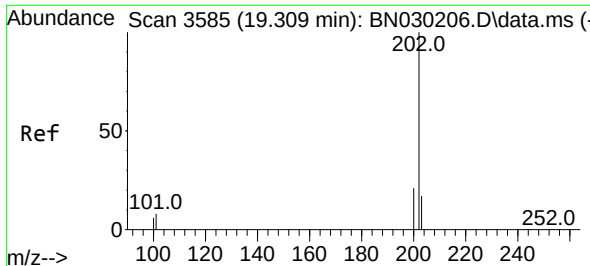
Reviewed By :Jagrut Upadhyay 03/04/2024
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#16
Anthracene
Concen: 0.716 ng/ul
RT: 17.366 min Scan# 3142
Delta R.T. -0.021 min
Lab File: BN030212.D
Acq: 03 Mar 2024 10:58

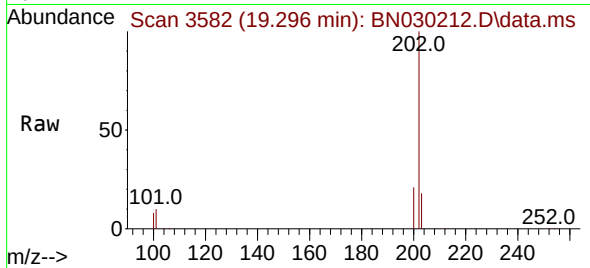
Tgt Ion:178 Resp: 12674
Ion Ratio Lower Upper
178 100
179 16.7 14.8 22.2
176 19.4 17.8 26.6





#19
Fluoranthene
Concen: 3.860 ng/u1
RT: 19.296 min Scan# 3582
Delta R.T. -0.019 min
Lab File: BN030212.D
Acq: 03 Mar 2024 10:58

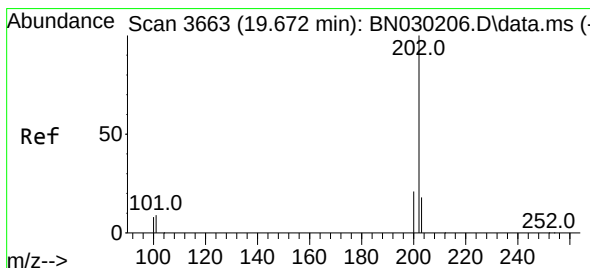
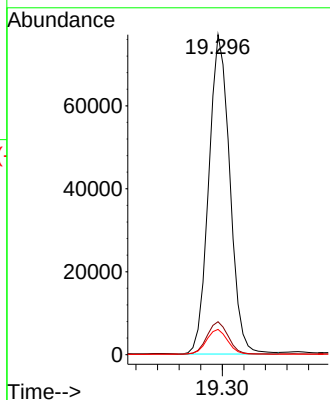
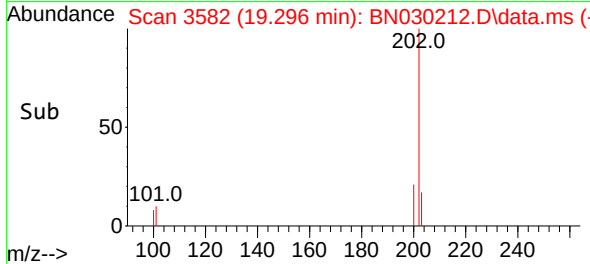
Instrument :
BNA_N
ClientSampleId :
EOS90



Tgt Ion:202 Resp: 10434
Ion Ratio Lower Upper
202 100
101 10.3 8.8 13.2
100 7.9 7.4 11.2

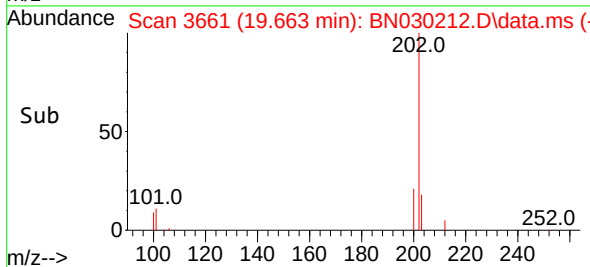
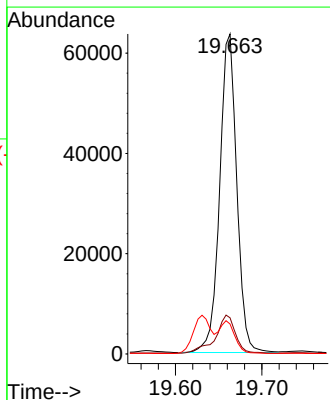
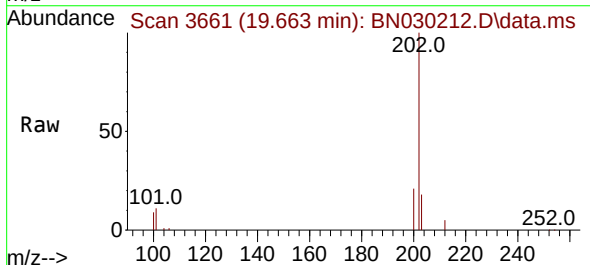
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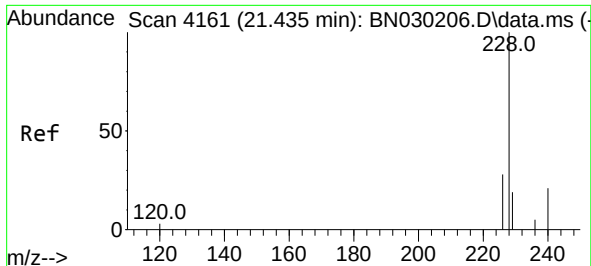
Reviewed By :Jagrut Upadhyay 03/04/2024
Supervised By :mohammad ahmed 03/05/2024



#20
Pyrene
Concen: 2.984 ng/u1
RT: 19.663 min Scan# 3661
Delta R.T. -0.009 min
Lab File: BN030212.D
Acq: 03 Mar 2024 10:58

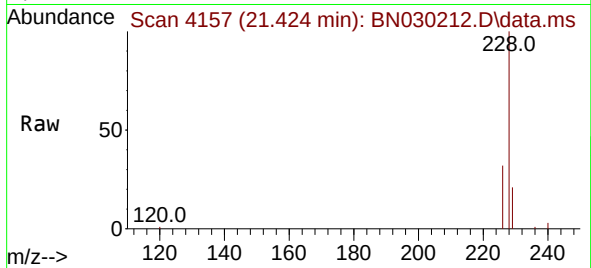
Tgt Ion:202 Resp: 87691
Ion Ratio Lower Upper
202 100
101 11.3 10.6 15.8
100 9.3 8.8 13.2





#21
Benzo(a)anthracene
Concen: 2.009 ng/ul
RT: 21.424 min Scan# 4161
Delta R.T. -0.015 min
Lab File: BN030212.D
Acq: 03 Mar 2024 10:58

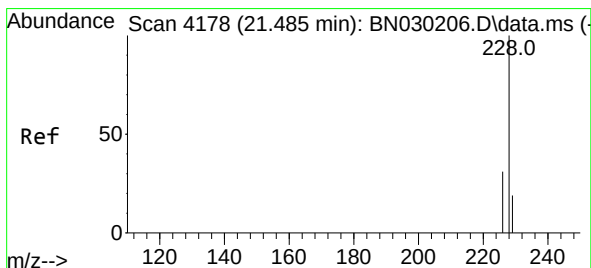
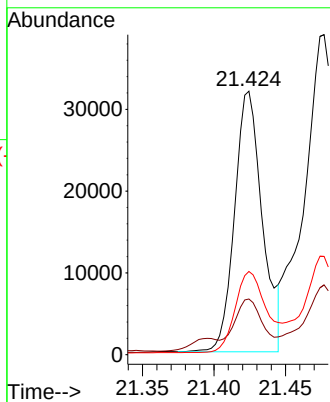
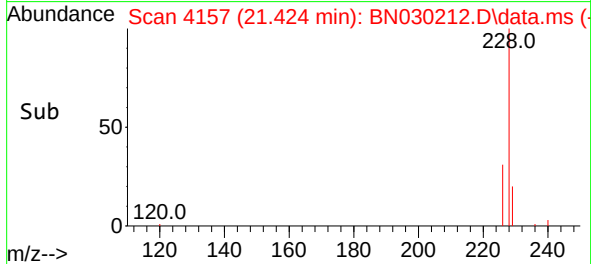
Instrument :
BNA_N
ClientSampleId :
E0S90



Tgt Ion:228 Resp: 4321
Ion Ratio Lower Upper
228 100
229 21.1 16.6 24.8
226 31.6 23.7 35.5

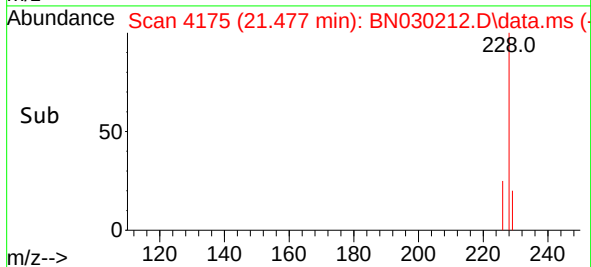
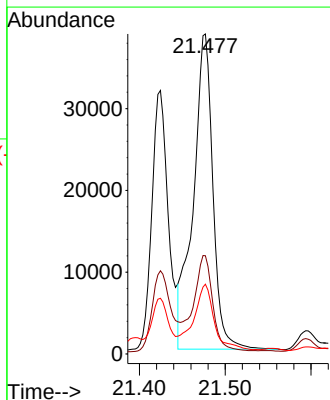
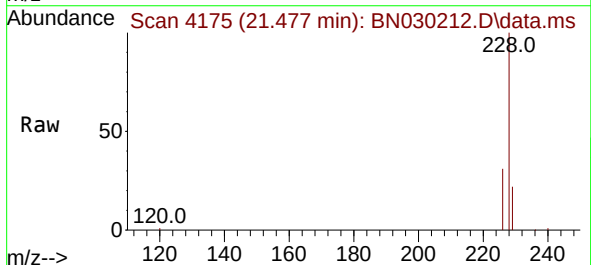
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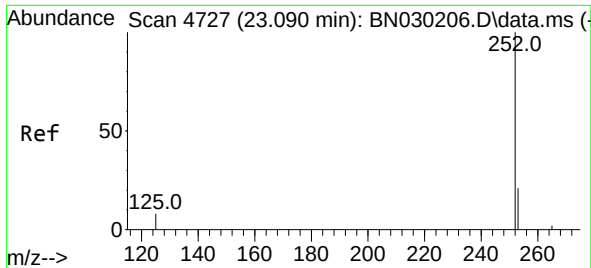
Reviewed By :Jagrut Upadhyay 03/04/2024
Supervised By :mohammad ahmed 03/05/2024



#22
Chrysene
Concen: 2.387 ng/ul
RT: 21.477 min Scan# 4175
Delta R.T. -0.012 min
Lab File: BN030212.D
Acq: 03 Mar 2024 10:58

Tgt Ion:228 Resp: 61680
Ion Ratio Lower Upper
228 100
226 30.7 24.6 37.0
229 21.8 16.6 24.8





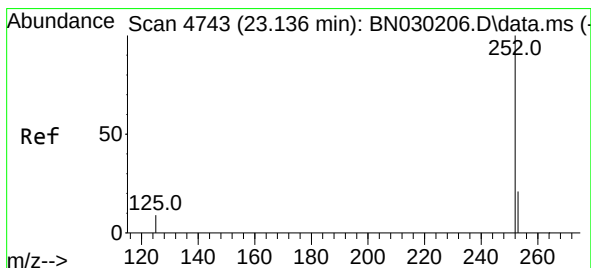
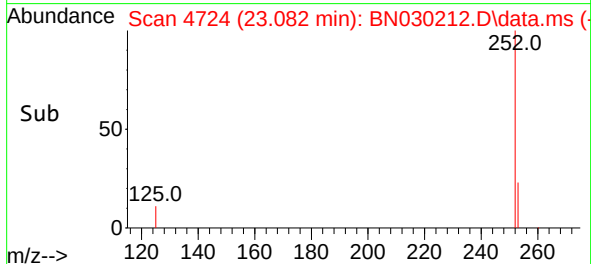
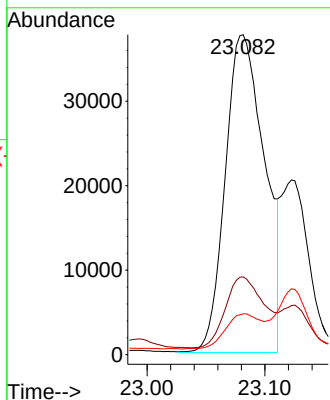
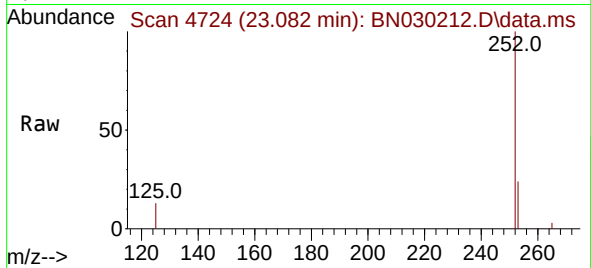
#24
Benzo(b)fluoranthene
Concen: 3.696 ng/ul m
RT: 23.082 min Scan# 4724
Delta R.T. -0.015 min
Lab File: BN030212.D
Acq: 03 Mar 2024 10:58

Instrument :
BNA_N
ClientSampleId :
E0S90

Tgt Ion:252 Resp: 87628
Ion Ratio Lower Upper
252 100
253 24.3 0.0 69.4
125 12.8 0.0 32.8

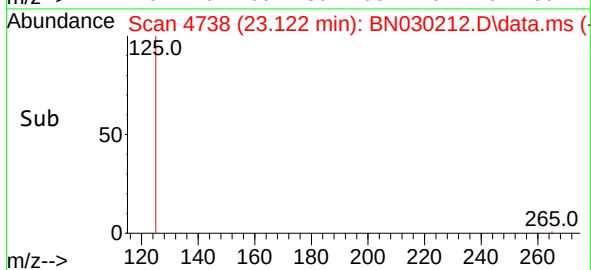
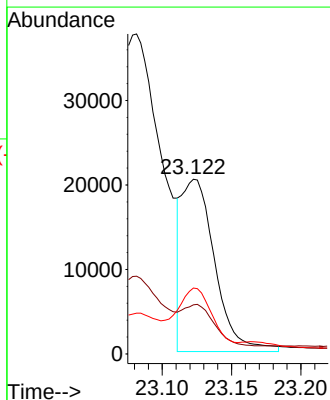
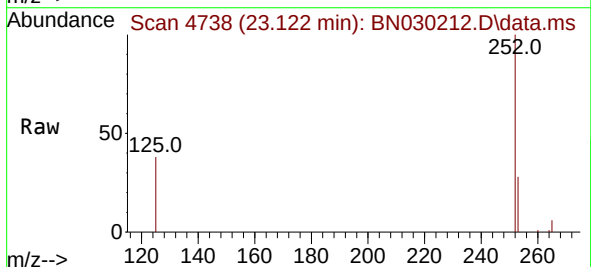
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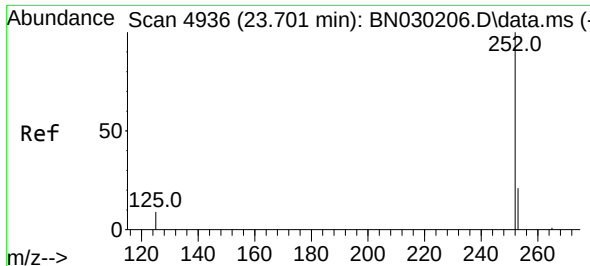
Reviewed By :Jagrut Upadhyay 03/04/2024
Supervised By :mohammad ahmed 03/05/2024



#25
Benzo(k)fluoranthene
Concen: 1.224 ng/ul m
RT: 23.122 min Scan# 4738
Delta R.T. -0.020 min
Lab File: BN030212.D
Acq: 03 Mar 2024 10:58

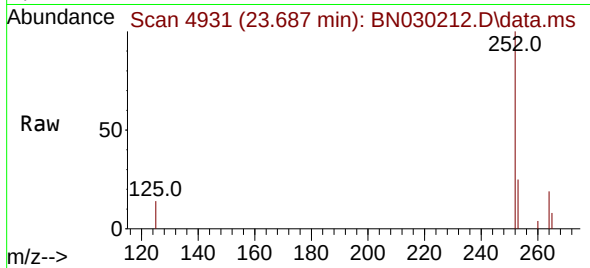
Tgt Ion:252 Resp: 34236
Ion Ratio Lower Upper
252 100
253 28.1 28.0 42.0
125 37.7 14.4 21.6#





#26
Benzo(a)pyrene
Concen: 2.166 ng/ul
RT: 23.687 min Scan# 4936
Delta R.T. -0.023 min
Lab File: BN030212.D
Acq: 03 Mar 2024 10:58

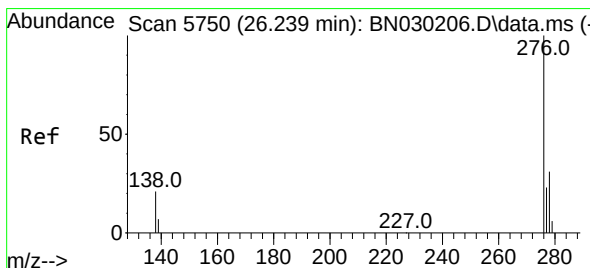
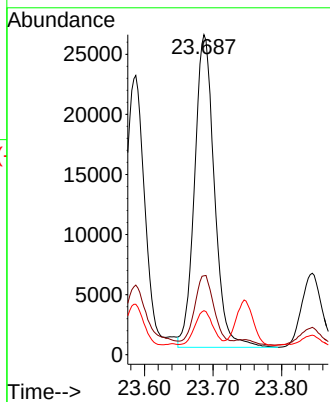
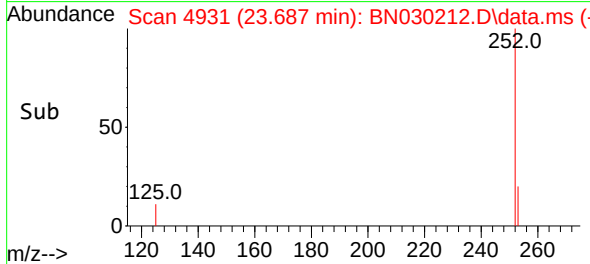
Instrument :
BNA_N
ClientSampleId :
E0S90



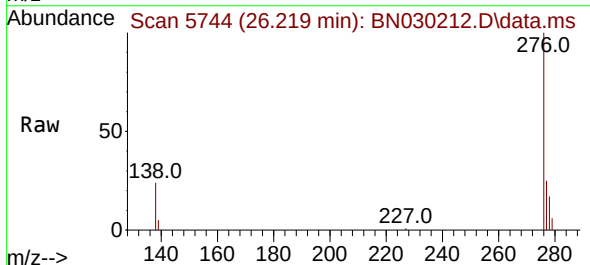
Tgt Ion:252 Resp: 5228
Ion Ratio Lower Upper
252 100
253 24.6 33.0 49.4
125 13.7 16.9 25.3

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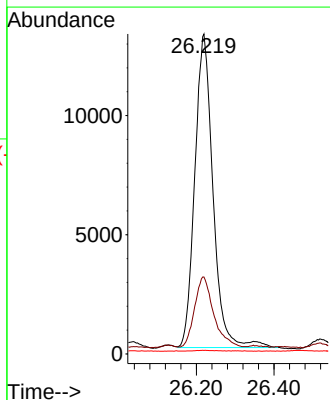
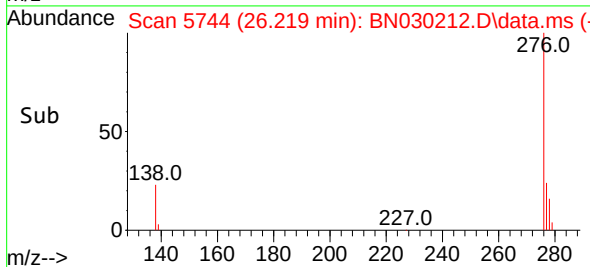
Reviewed By :Jagrut Upadhyay 03/04/2024
Supervised By :mohammad ahmed 03/05/2024

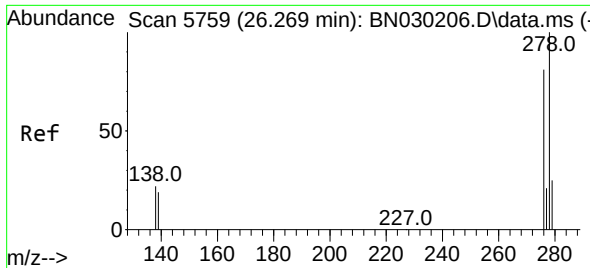


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.386 ng/ul
RT: 26.219 min Scan# 5744
Delta R.T. -0.030 min
Lab File: BN030212.D
Acq: 03 Mar 2024 10:58



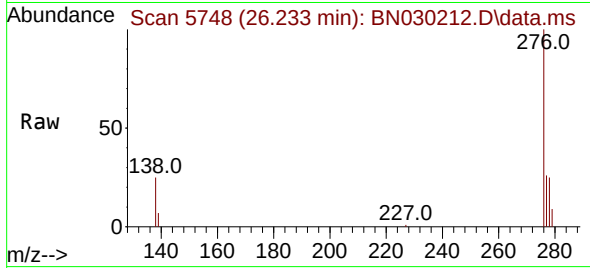
Tgt Ion:276 Resp: 42722
Ion Ratio Lower Upper
276 100
138 23.6 20.9 31.3
227 0.3 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.393 ng/ul
RT: 26.233 min Scan# 51
Delta R.T. -0.054 min
Lab File: BN030212.D
Acq: 03 Mar 2024 10:58

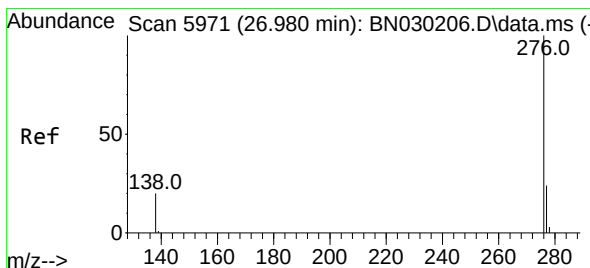
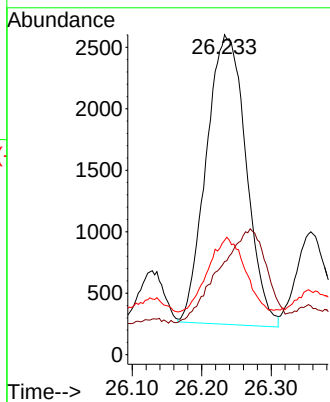
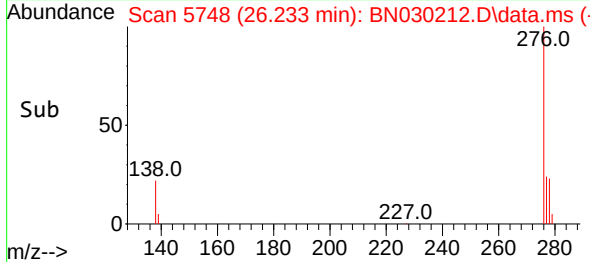
Instrument :
BNA_N
ClientSampleId :
E0S90



Tgt Ion:278 Resp: 936
Ion Ratio Lower Upper
278 100
139 29.1 18.9 28.3
279 35.8 31.8 47.6

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 1.300 ng/ul
RT: 26.961 min Scan# 5965
Delta R.T. -0.023 min
Lab File: BN030212.D
Acq: 03 Mar 2024 10:58

Tgt Ion:276 Resp: 37158
Ion Ratio Lower Upper
276 100
138 24.7 22.6 33.8
277 24.5 21.9 32.9

