

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030224\
 Data File : BN030213.D
 Acq On : 03 Mar 2024 11:34
 Operator : MA/JU
 Sample : P1512-02
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EOS93

Manual Integrations
 APPROVED

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

Quant Time: Mar 03 22:52:16 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	2588	0.400	ng/ul	0.00
4) Naphthalene-d8	10.623	136	6938	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.474	164	3432	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.230	188	6980	0.400	ng/ul	-0.02
17) Chrysene-d12	21.441	240	6088	0.400	ng/ul	-0.01
23) Perylene-d12	23.791	264	5932m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.302	96	20557	5.738	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.223	152	3793	0.423	ng/ul	-0.02
18) Fluoranthene-d10	19.267	212	7897	0.398	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.672	128	3128	0.153	ng/ul	99
7) 2-Methylnaphthalene	12.294	142	659	0.059	ng/ul	99
8) 1-Methylnaphthalene	12.514	142	375	0.032	ng/ul	96
10) Acenaphthylene	14.196	152	1338	0.070	ng/ul#	87
11) Acenaphthene	14.539	153	504	0.036	ng/ul	92
12) Fluorene	15.529	166	1017	0.071	ng/ul#	96
15) Phenanthrene	17.272	178	6064	0.259	ng/ul	99
16) Anthracene	17.365	178	1598	0.078	ng/ul#	92
19) Fluoranthene	19.300	202	12443	0.460	ng/ul	99
20) Pyrene	19.662	202	11206m	0.381	ng/ul	
21) Benzo(a)anthracene	21.426	228	6021	0.280	ng/ul	93
22) Chrysene	21.479	228	5866	0.227	ng/ul	95
24) Benzo(b)fluoranthene	23.081	252	9172m	0.401	ng/ul	
25) Benzo(k)fluoranthene	23.124	252	3643m	0.135	ng/ul	
26) Benzo(a)pyrene	23.689	252	6759	0.290	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.222	276	4986	0.168	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.242	278	1357	0.059	ng/ul#	50
29) Benzo(g,h,i)perylene	26.963	276	5351	0.194	ng/ul	97

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

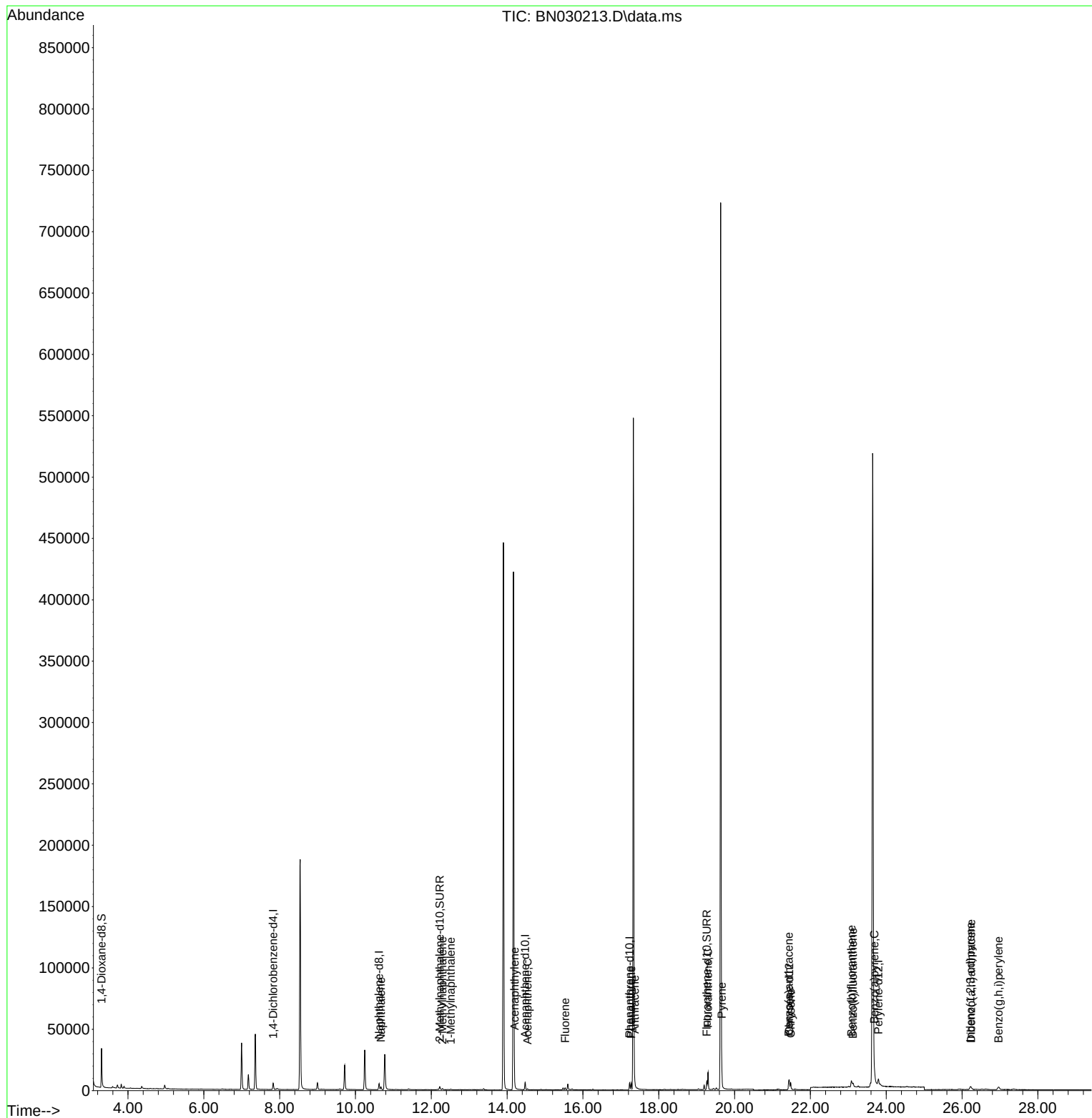
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030224\
Data File : BN030213.D
Acq On : 03 Mar 2024 11:34
Operator : MA/JU
Sample : P1512-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

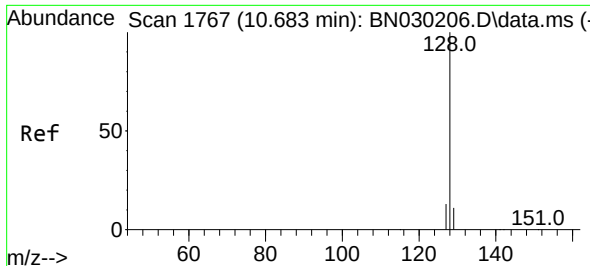
Instrument :
BNA_N
ClientSampleId :
E0S93

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Supervised By :mohammad ahmed 03/05/2024

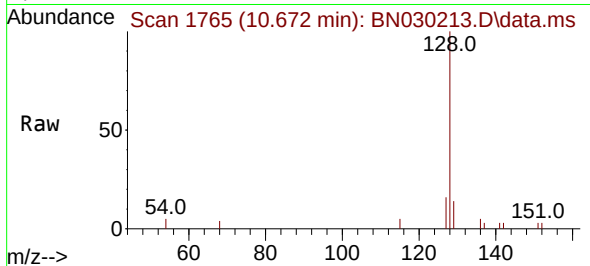
Quant Time: Mar 03 22:52:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN030224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 02 16:09:30 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.153 ng/ul
RT: 10.672 min Scan# 1765
Delta R.T. -0.017 min
Lab File: BN030213.D
Acq: 03 Mar 2024 11:34

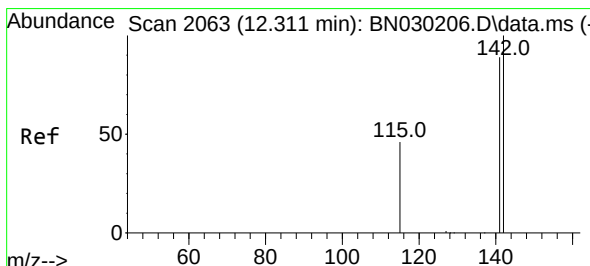
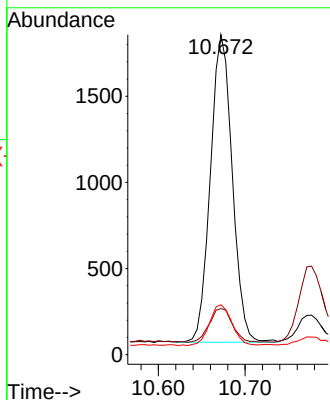
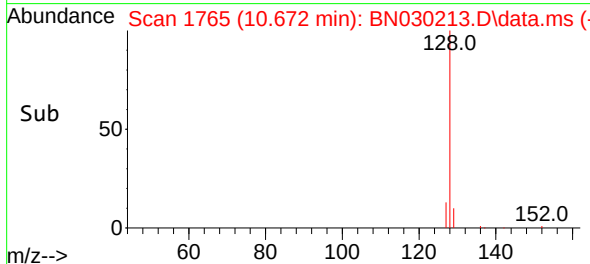
Instrument :
BNA_N
ClientSampleId :
E0S93



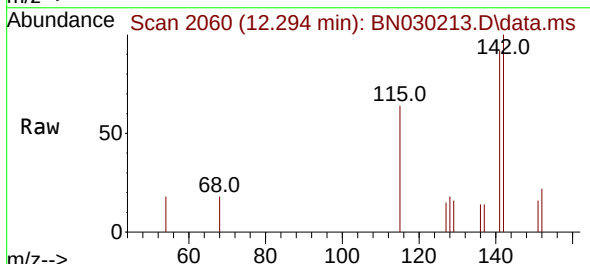
Tgt Ion:128 Resp: 3128
Ion Ratio Lower Upper
128 100
129 14.4 11.0 16.4
127 15.6 12.3 18.5

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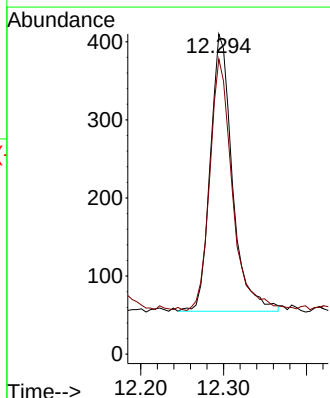
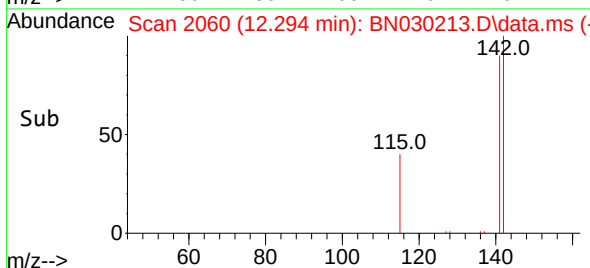
Reviewed By :Jagrut Upadhyay 03/04/2024
Supervised By :mohammad ahmed 03/05/2024

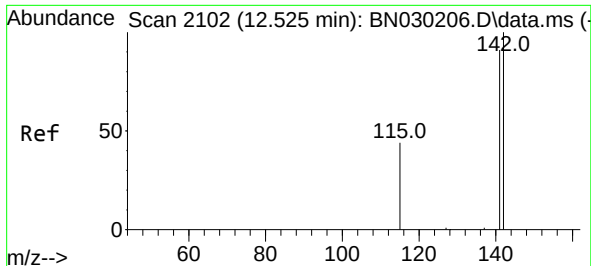


#7
2-Methylnaphthalene
Concen: 0.059 ng/ul
RT: 12.294 min Scan# 2060
Delta R.T. -0.017 min
Lab File: BN030213.D
Acq: 03 Mar 2024 11:34



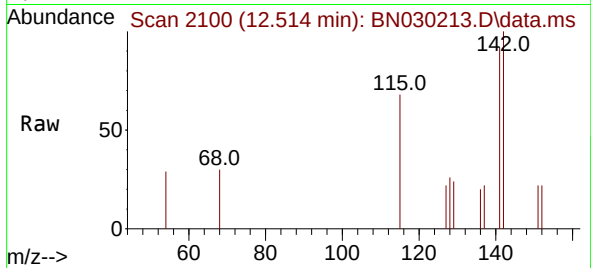
Tgt Ion:142 Resp: 659
Ion Ratio Lower Upper
142 100
141 92.3 72.8 109.2





#8
1-Methylnaphthalene
Concen: 0.032 ng/ul
RT: 12.514 min Scan# 2102
Delta R.T. -0.011 min
Lab File: BN030213.D
Acq: 03 Mar 2024 11:34

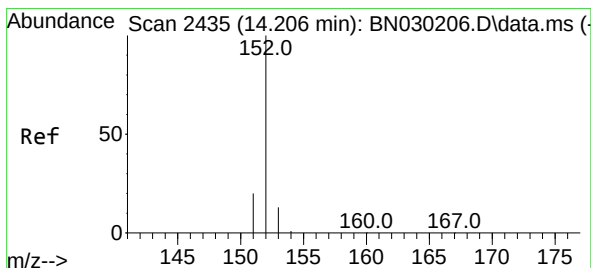
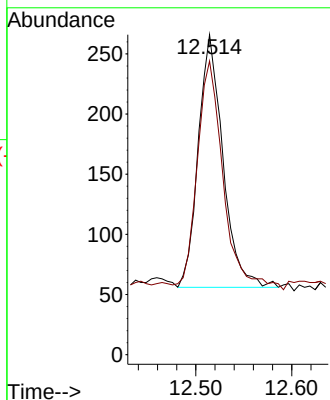
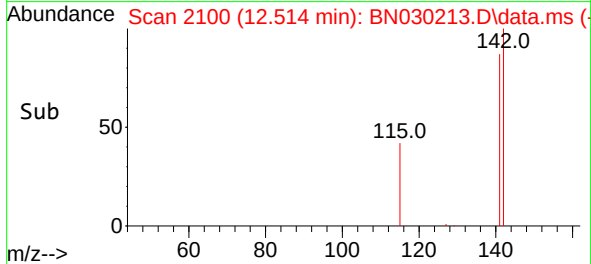
Instrument :
BNA_N
ClientSampleId :
E0S93



Tgt Ion:142 Resp: 379
Ion Ratio Lower Upper
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141 88.8 74.2 111.2

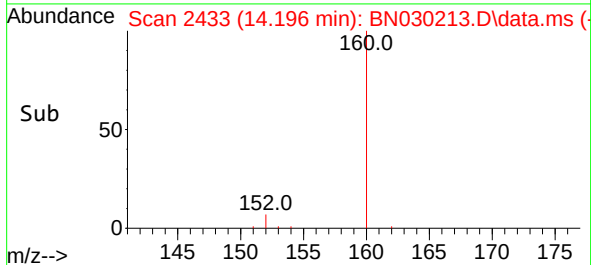
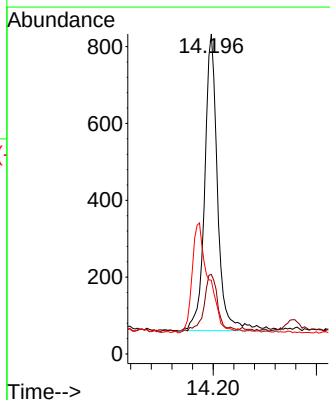
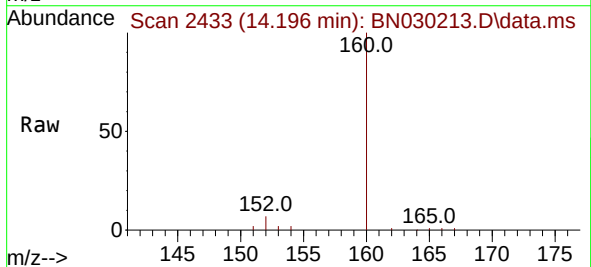
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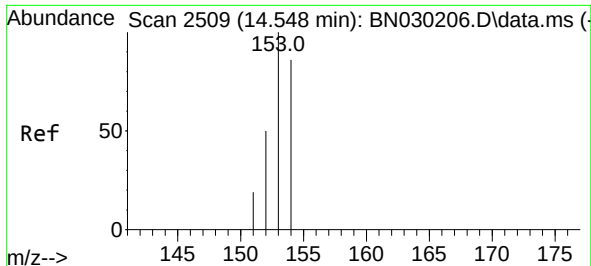
Reviewed By :Jagrut Upadhyay 03/04/2024
Supervised By :mohammad ahmed 03/05/2024



#10
Acenaphthylene
Concen: 0.070 ng/ul
RT: 14.196 min Scan# 2433
Delta R.T. -0.010 min
Lab File: BN030213.D
Acq: 03 Mar 2024 11:34

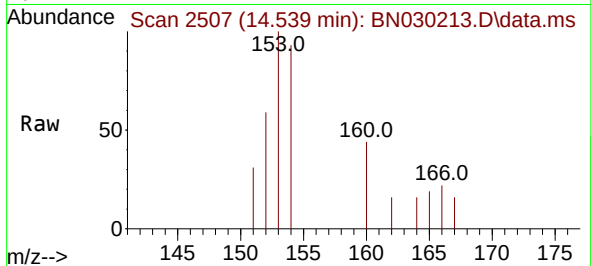
Tgt Ion:152 Resp: 1338
Ion Ratio Lower Upper
152 100
151 24.8 16.9 25.3
153 23.0 11.8 17.6#





#11
Acenaphthene
Concen: 0.036 ng/ul
RT: 14.539 min Scan# 2507
Delta R.T. -0.010 min
Lab File: BN030213.D
Acq: 03 Mar 2024 11:34

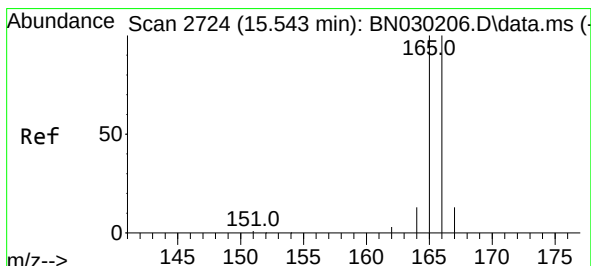
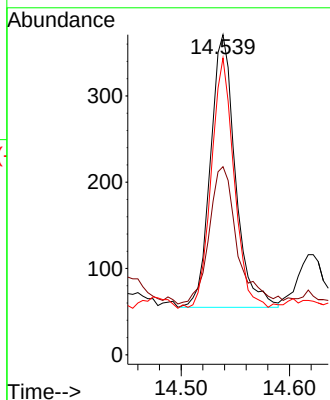
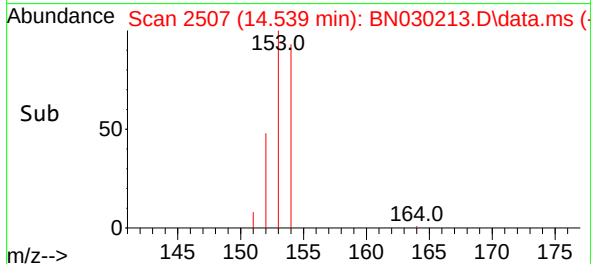
Instrument :
BNA_N
ClientSampleId :
E0S93



Tgt Ion:153 Resp: 504
Ion Ratio Lower Upper
153 100
152 58.8 43.2 64.8
154 92.7 67.5 101.3

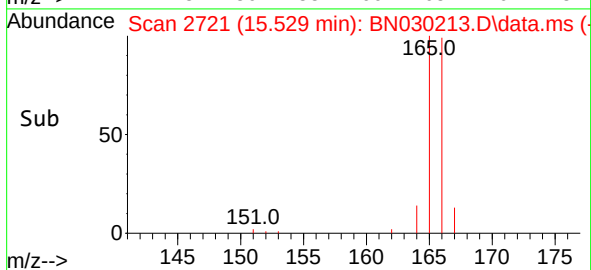
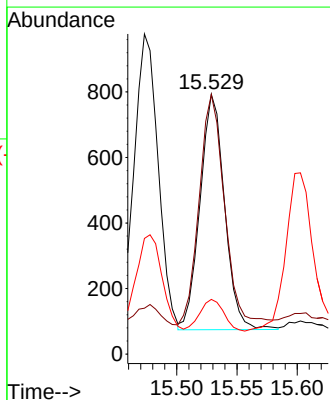
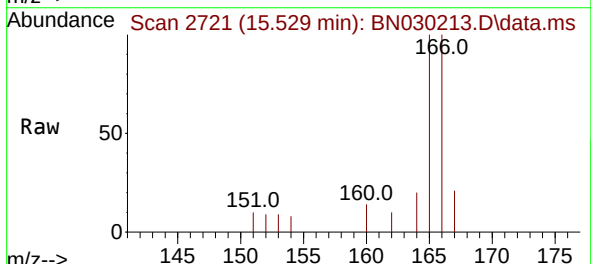
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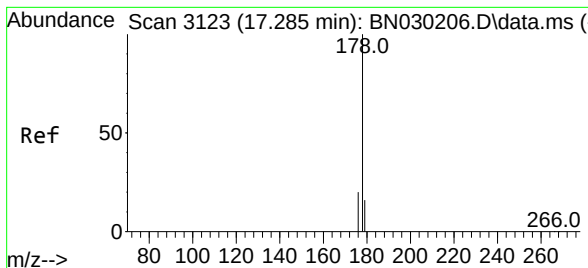
Reviewed By :Jagrut Upadhyay 03/04/2024
Supervised By :mohammad ahmed 03/05/2024



#12
Fluorene
Concen: 0.071 ng/ul
RT: 15.529 min Scan# 2721
Delta R.T. -0.019 min
Lab File: BN030213.D
Acq: 03 Mar 2024 11:34

Tgt Ion:166 Resp: 1017
Ion Ratio Lower Upper
166 100
165 99.9 81.8 122.6
167 21.1 13.0 19.4#





#15

Phenanthrene

Concen: 0.259 ng/u1

RT: 17.272 min Scan# 3120

Delta R.T. -0.018 min

Lab File: BN030213.D

Acq: 03 Mar 2024 11:34

Instrument :

BNA_N

ClientSampleId :

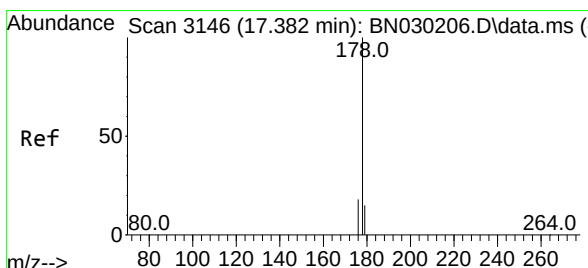
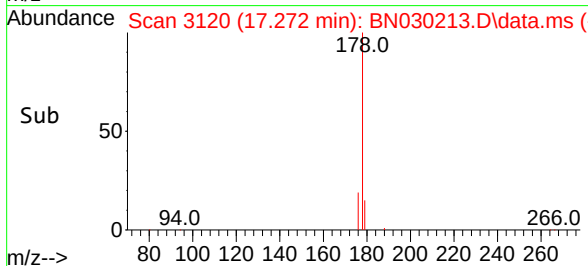
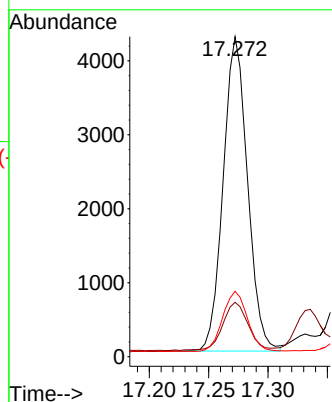
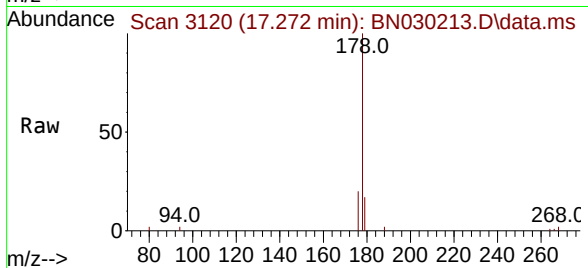
E0S93

Tgt Ion:178	Resp:	6064
Ion Ratio	Lower	Upper
178	100	
179	17.0	13.8 20.8
176	20.4	16.6 25.0

Manual Integrations

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



#16

Anthracene

Concen: 0.078 ng/u1

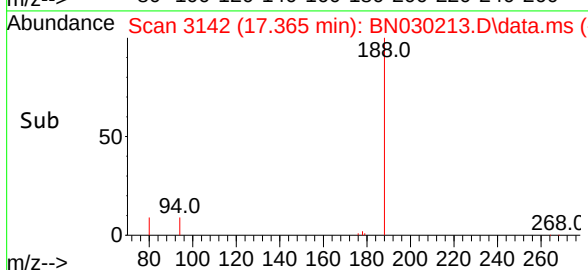
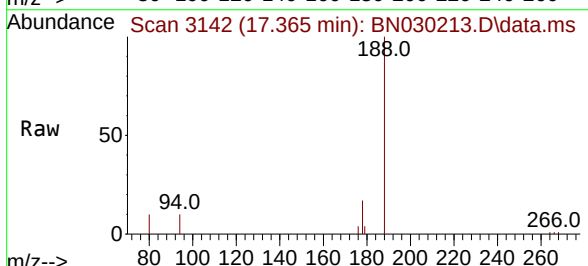
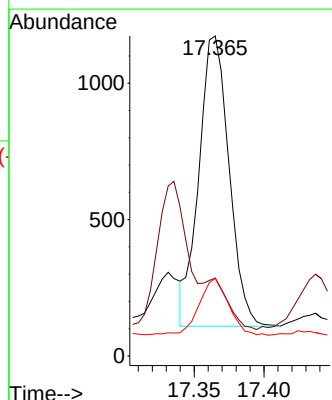
RT: 17.365 min Scan# 3142

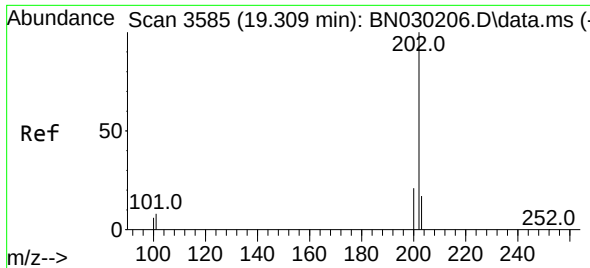
Delta R.T. -0.022 min

Lab File: BN030213.D

Acq: 03 Mar 2024 11:34

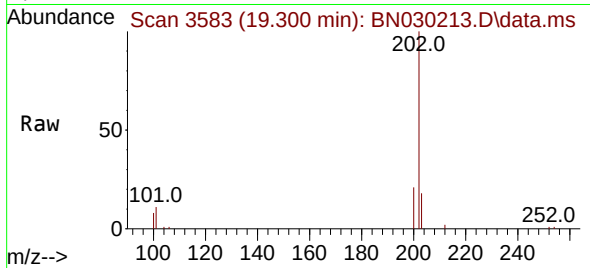
Tgt Ion:178	Resp:	1598
Ion Ratio	Lower	Upper
178	100	
179	24.4	14.8 22.2
176	24.3	17.8 26.6





#19
Fluoranthene
Concen: 0.460 ng/ul
RT: 19.300 min Scan# 3583
Delta R.T. -0.015 min
Lab File: BN030213.D
Acq: 03 Mar 2024 11:34

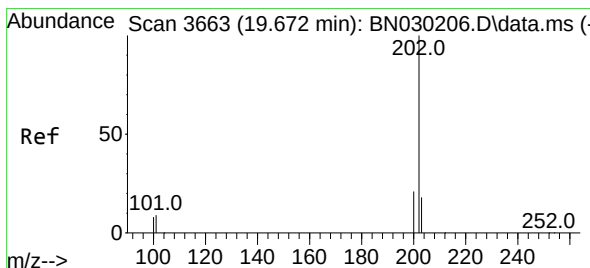
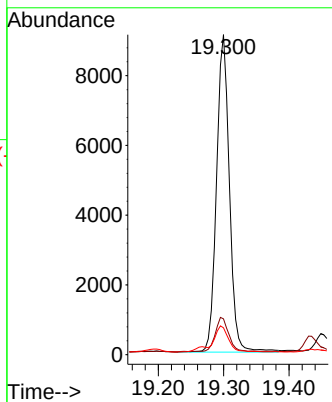
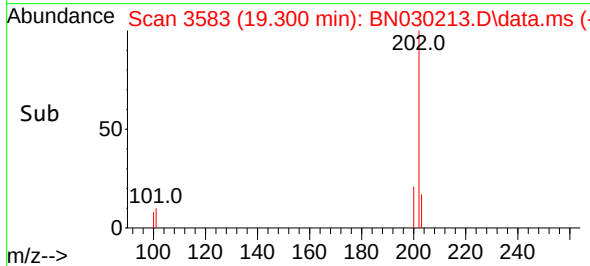
Instrument :
BNA_N
ClientSampleId :
E0S93



Tgt Ion:202 Resp: 1244
Ion Ratio Lower Upper
202 100
101 11.2 8.8 13.2
100 8.4 7.4 11.2

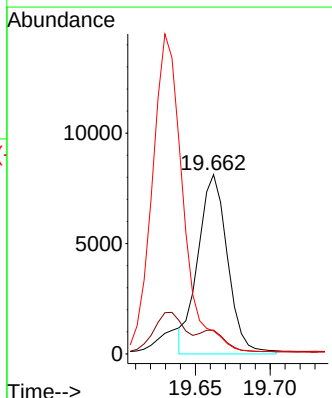
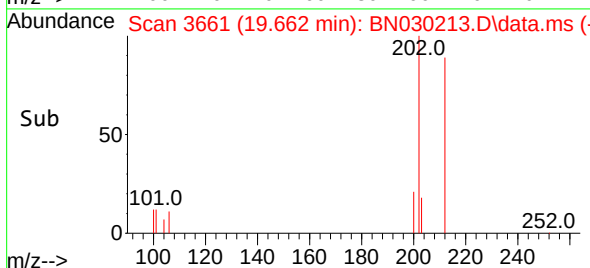
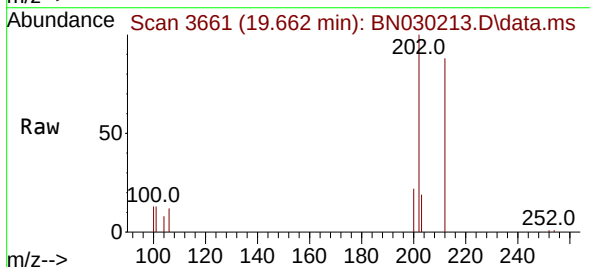
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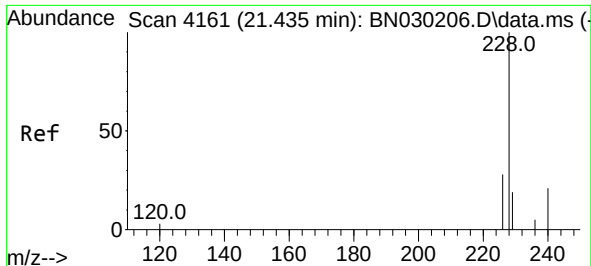
Reviewed By :Jagrut Upadhyay 03/04/2024
Supervised By :mohammad ahmed 03/05/2024



#20
Pyrene
Concen: 0.381 ng/ul m
RT: 19.662 min Scan# 3661
Delta R.T. -0.010 min
Lab File: BN030213.D
Acq: 03 Mar 2024 11:34

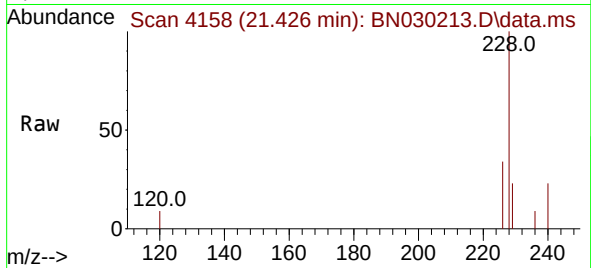
Tgt Ion:202 Resp: 11206
Ion Ratio Lower Upper
202 100
101 13.3 10.6 15.8
100 12.8 8.8 13.2





#21
Benzo(a)anthracene
Concen: 0.280 ng/ul
RT: 21.426 min Scan# 4161
Delta R.T. -0.013 min
Lab File: BN030213.D
Acq: 03 Mar 2024 11:34

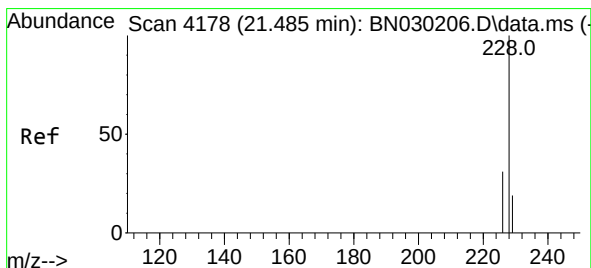
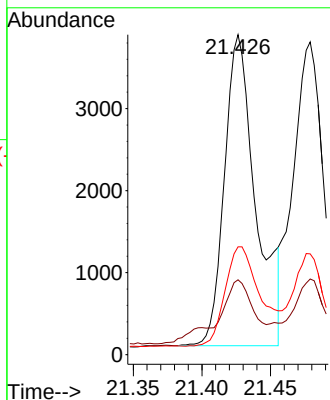
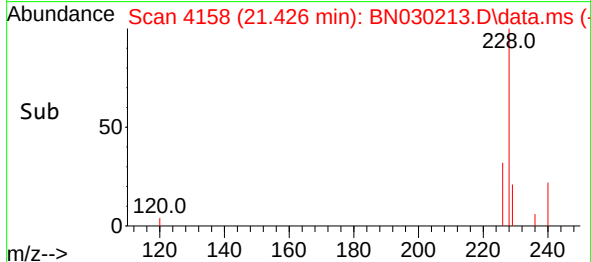
Instrument :
BNA_N
ClientSampleId :
E0S93



Tgt Ion:228 Resp: 6021
Ion Ratio Lower Upper
228 100
229 23.4 16.6 24.8
226 33.7 23.7 35.5

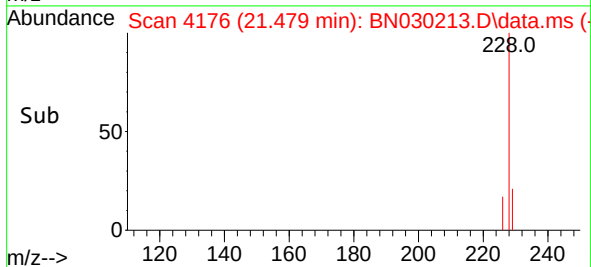
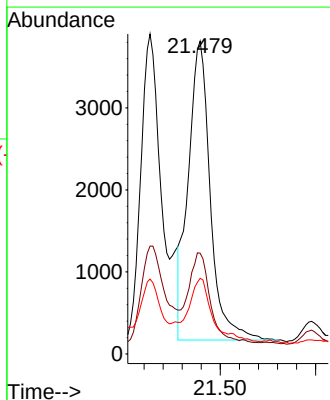
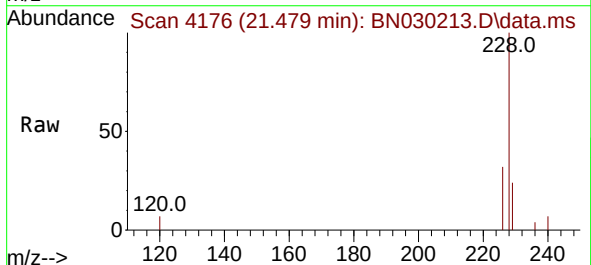
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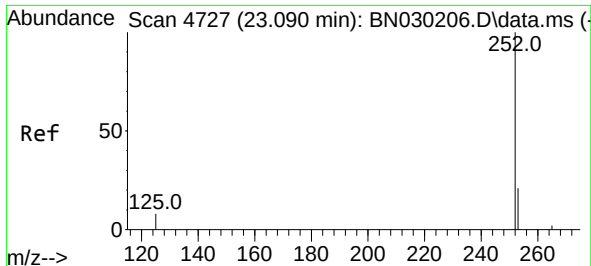
Reviewed By :Jagrut Upadhyay 03/04/2024
Supervised By :mohammad ahmed 03/05/2024



#22
Chrysene
Concen: 0.227 ng/ul
RT: 21.479 min Scan# 4176
Delta R.T. -0.010 min
Lab File: BN030213.D
Acq: 03 Mar 2024 11:34

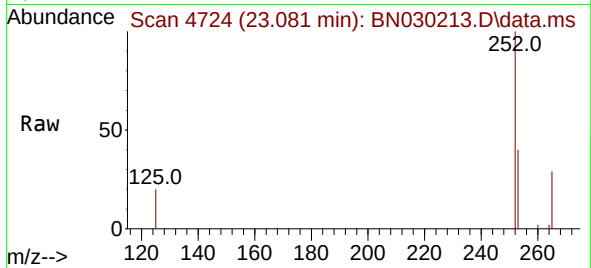
Tgt Ion:228 Resp: 5866
Ion Ratio Lower Upper
228 100
226 32.2 24.6 37.0
229 24.2 16.6 24.8





#24
Benzo(b)fluoranthene
Concen: 0.401 ng/ul m
RT: 23.081 min Scan# 4724
Delta R.T. -0.016 min
Lab File: BN030213.D
Acq: 03 Mar 2024 11:34

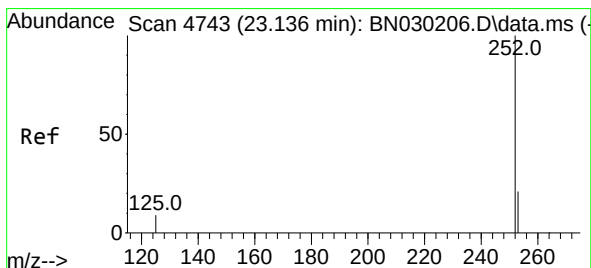
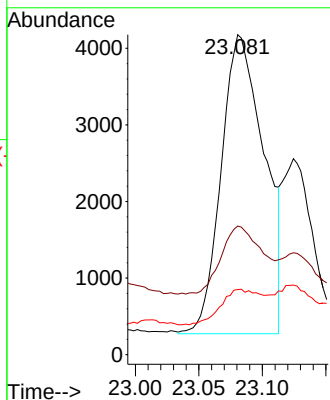
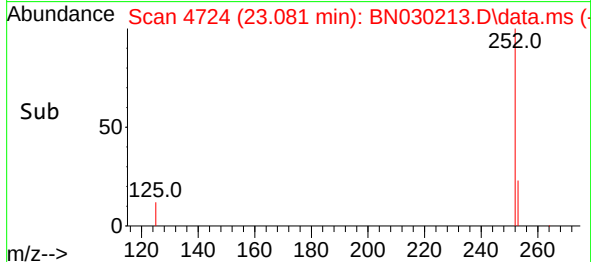
Instrument :
BNA_N
ClientSampleId :
E0S93



Tgt Ion:252 Resp: 9172
Ion Ratio Lower Upper
252 100
253 40.2 0.0 69.4
125 20.3 0.0 32.8

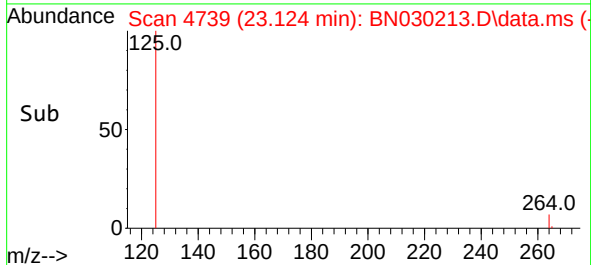
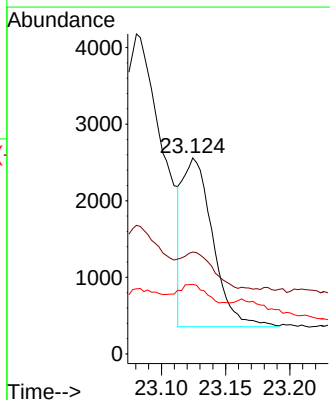
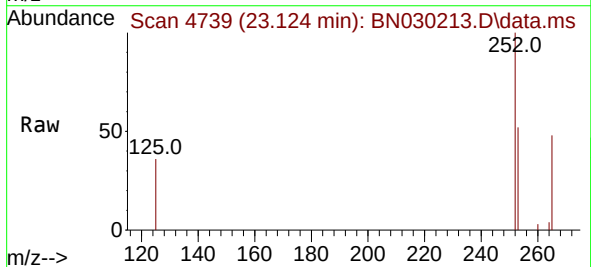
Manual Integrations
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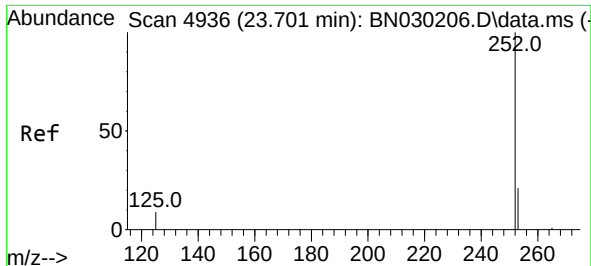
Reviewed By :Jagrut Upadhyay 03/04/2024
Supervised By :mohammad ahmed 03/05/2024



#25
Benzo(k)fluoranthene
Concen: 0.135 ng/ul m
RT: 23.124 min Scan# 4739
Delta R.T. -0.019 min
Lab File: BN030213.D
Acq: 03 Mar 2024 11:34

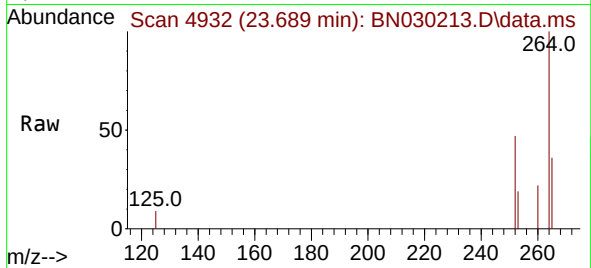
Tgt Ion:252 Resp: 3643
Ion Ratio Lower Upper
252 100
253 52.0 28.0 42.0#
125 35.5 14.4 21.6#





#26
Benzo(a)pyrene
Concen: 0.290 ng/ul
RT: 23.689 min Scan# 4932
Delta R.T. -0.021 min
Lab File: BN030213.D
Acq: 03 Mar 2024 11:34

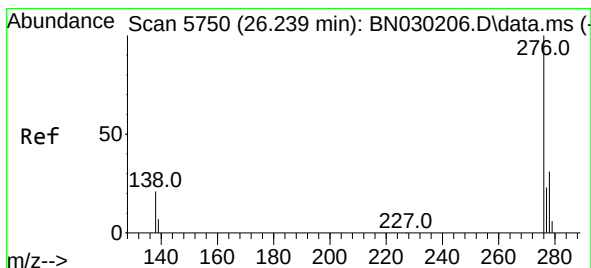
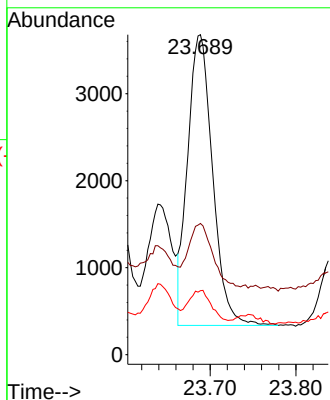
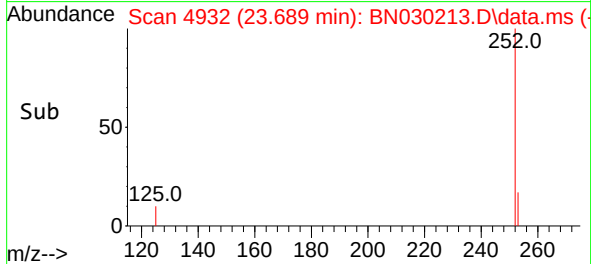
Instrument :
BNA_N
ClientSampleId :
E0S93



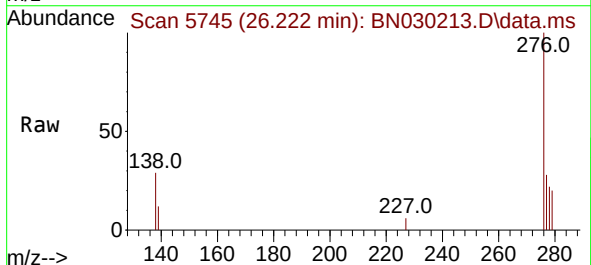
Tgt Ion:252 Resp: 6759
Ion Ratio Lower Upper
252 100
253 41.0 33.0 49.4
125 20.0 16.9 25.3

Manual Integrations
APPROVED

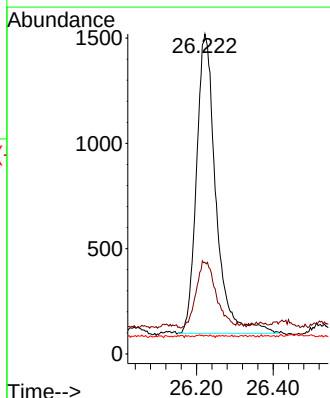
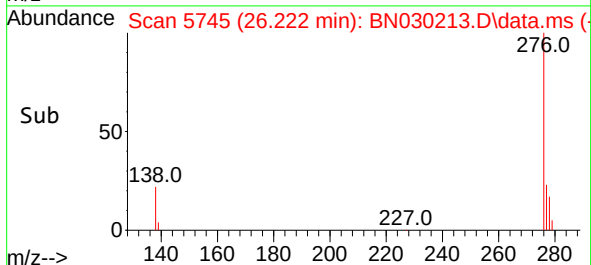
Reviewed By :Jagrut Upadhyay 03/04/2024
Supervised By :mohammad ahmed 03/05/2024

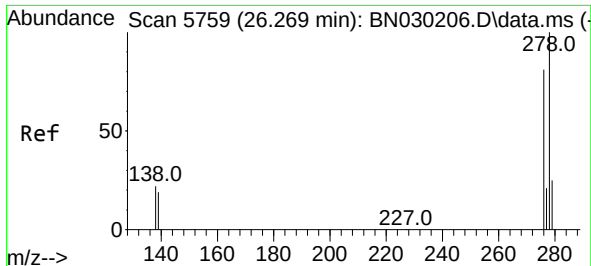


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.168 ng/ul
RT: 26.222 min Scan# 5745
Delta R.T. -0.028 min
Lab File: BN030213.D
Acq: 03 Mar 2024 11:34



Tgt Ion:276 Resp: 4986
Ion Ratio Lower Upper
276 100
138 23.0 20.9 31.3
227 0.2 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.059 ng/ul

RT: 26.242 min Scan# 51

Delta R.T. -0.045 min

Lab File: BN030213.D

Acq: 03 Mar 2024 11:34

Instrument :

BNA_N

ClientSampleId :

E0S93

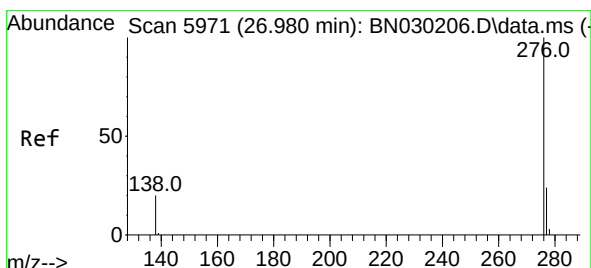
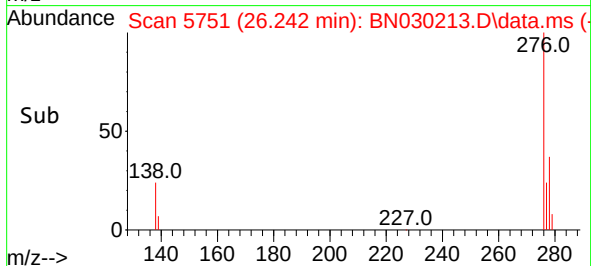
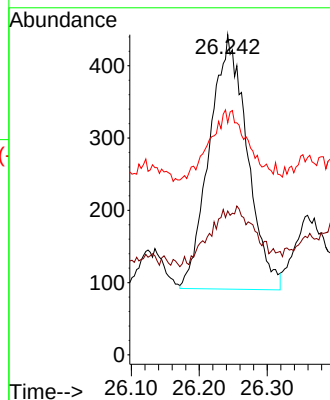
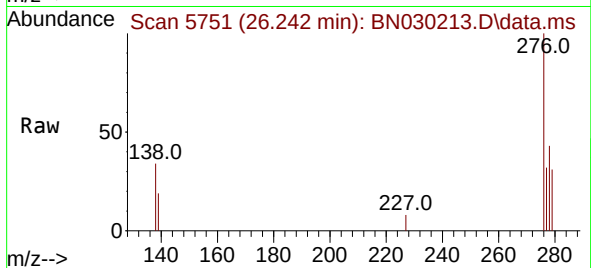
Tgt Ion:278 Resp: 135

Ion	Ratio	Lower	Upper
278	100		
139	44.9	18.9	28.3
279	72.5	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: 0.194 ng/ul

RT: 26.963 min Scan# 5966

Delta R.T. -0.021 min

Lab File: BN030213.D

Acq: 03 Mar 2024 11:34

Tgt Ion:276 Resp: 5351

Ion	Ratio	Lower	Upper
276	100		
138	30.2	22.6	33.8
277	28.8	21.9	32.9

