

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102122\
 Data File : BN022251.D
 Acq On : 21 Oct 2022 13:10
 Operator : CG/JU
 Sample : N5015-18
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C1BF2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2022
 Supervised By :mohammad ahmed 10/24/2022

Quant Time: Oct 21 22:38:53 2022

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Oct 19 23:32:34 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.944	152	4144	0.400	ng/ul	0.00
4) Naphthalene-d8	10.772	136	14415	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.619	164	8587	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.374	188	17899	0.400	ng/ul	0.00
17) Chrysene-d12	21.576	240	11910	0.400	ng/ul	0.00
23) Perylene-d12	24.037	264	8757	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.249	96	28886	5.364	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.373	152	8132	0.373	ng/ul	0.00
18) Fluoranthene-d10	19.412	212	16774	0.420	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.822	128	6712	0.158	ng/ul	97
7) 2-Methylnaphthalene	12.444	142	4393	0.164	ng/ul	99
8) 1-Methylnaphthalene	12.664	142	3019	0.109	ng/ul	99
10) Acenaphthylene	14.341	152	3217	0.083	ng/ul#	90
11) Acenaphthene	14.683	153	1699	0.052	ng/ul	98
12) Fluorene	15.673	166	2677	0.071	ng/ul#	97
15) Phenanthrene	17.417	178	42513	0.707	ng/ul	99
16) Anthracene	17.510	178	7713	0.152	ng/ul	97
19) Fluoranthene	19.440	202	103427	1.896	ng/ul	99
20) Pyrene	19.807	202	79746m	1.455	ng/ul	
21) Benzo(a)anthracene	21.559	228	36369	0.815	ng/ul	97
22) Chrysene	21.614	228	38610	0.816	ng/ul	96
24) Benzo(b)fluoranthene	23.283	252	42106m	0.957	ng/ul	
25) Benzo(k)fluoranthene	23.327	252	16793m	0.393	ng/ul	
26) Benzo(a)pyrene	23.926	252	25331	0.723	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.615	276	18474	0.424	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.628	278	4286	0.123	ng/ul#	69
29) Benzo(g,h,i)perylene	27.413	276	16271	0.458	ng/ul	98

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

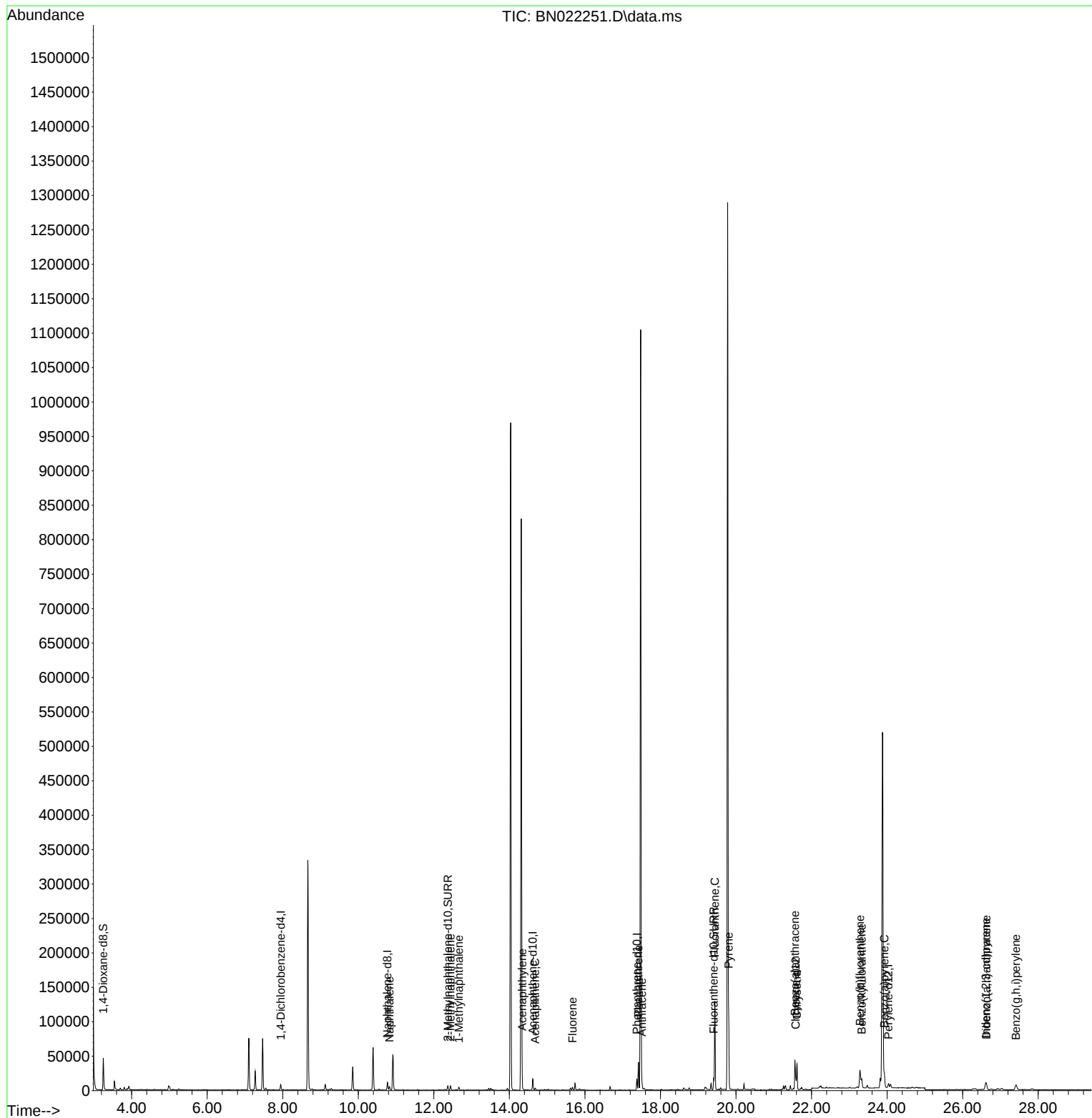
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102122\
Data File : BN022251.D
Acq On : 21 Oct 2022 13:10
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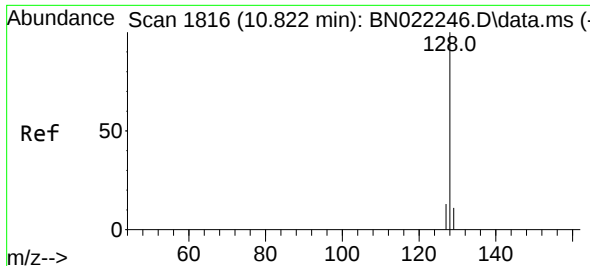
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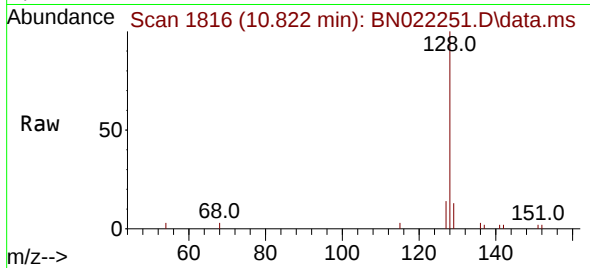
Quant Time: Oct 21 22:38:53 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 19 23:32:34 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.158 ng/ul
RT: 10.822 min Scan# 1816
Delta R.T. -0.010 min
Lab File: BN022251.D
Acq: 21 Oct 2022 13:10

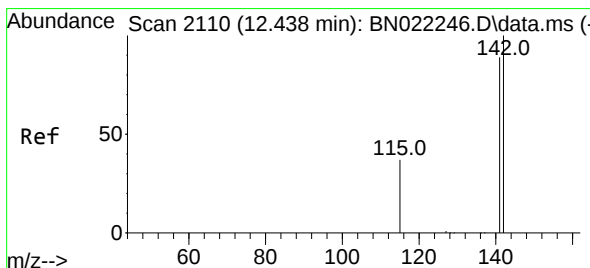
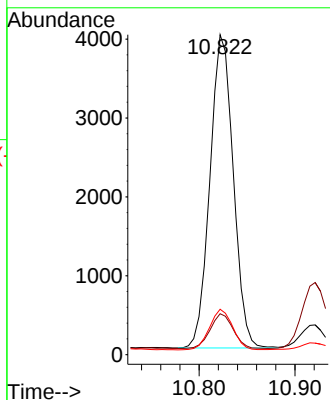
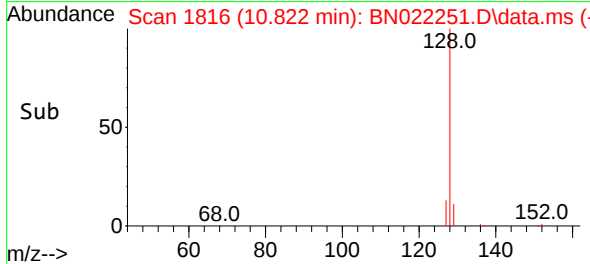
Instrument :
BNA_N
ClientSampleId :
C1BF2



Tgt Ion:128 Resp: 6712
Ion Ratio Lower Upper
128 100
129 12.8 9.3 13.9
127 14.2 10.7 16.1

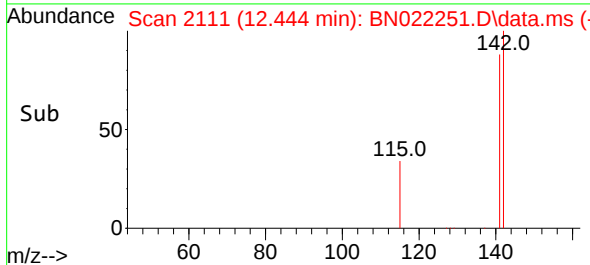
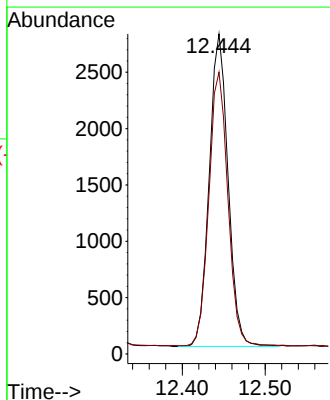
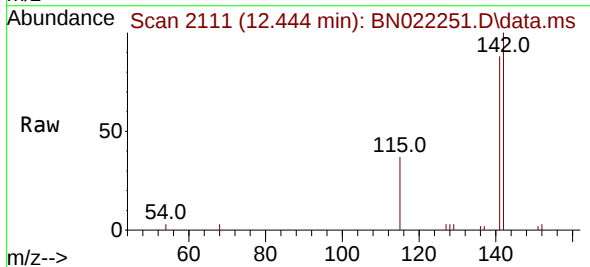
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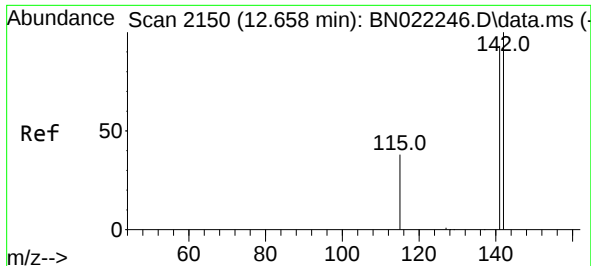
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#7
2-Methylnaphthalene
Concen: 0.164 ng/ul
RT: 12.444 min Scan# 2111
Delta R.T. -0.004 min
Lab File: BN022251.D
Acq: 21 Oct 2022 13:10

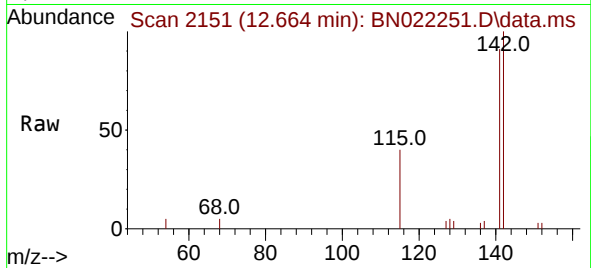
Tgt Ion:142 Resp: 4393
Ion Ratio Lower Upper
142 100
141 88.1 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.109 ng/ul
RT: 12.664 min Scan# 2151
Delta R.T. -0.004 min
Lab File: BN022251.D
Acq: 21 Oct 2022 13:10

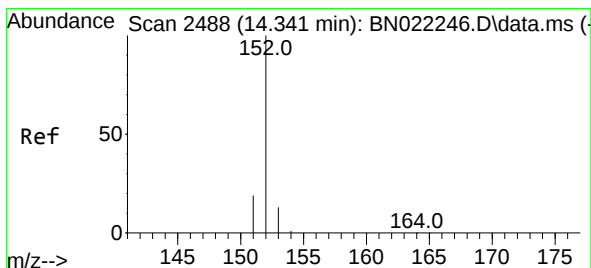
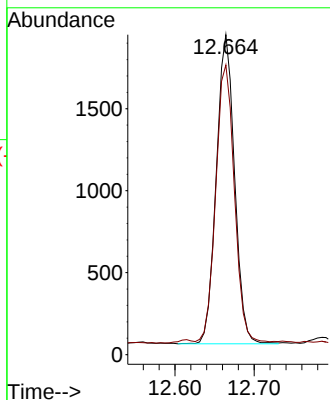
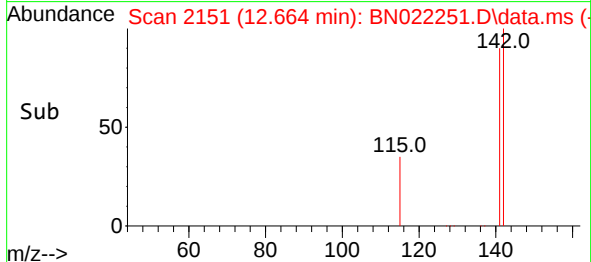
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 3019
Ion Ratio Lower Upper
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141 90.4 73.3 109.9

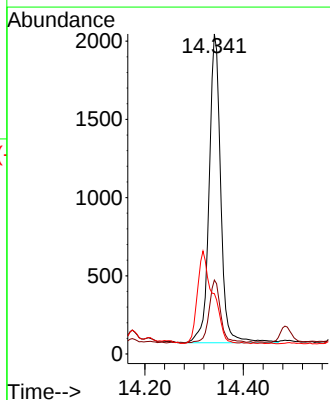
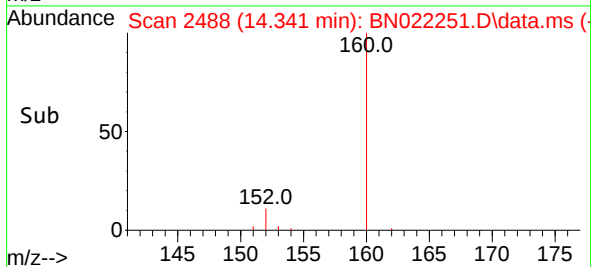
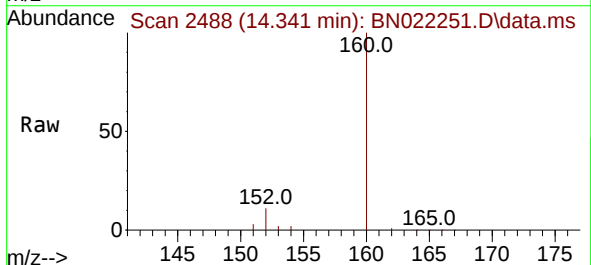
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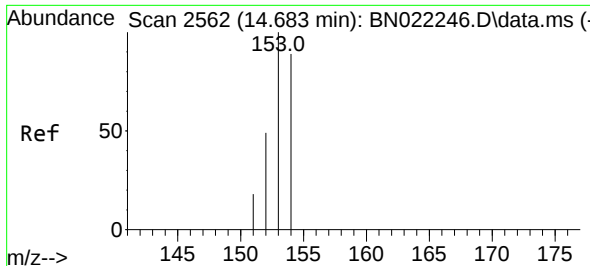
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#10
Acenaphthylene
Concen: 0.083 ng/ul
RT: 14.341 min Scan# 2488
Delta R.T. -0.008 min
Lab File: BN022251.D
Acq: 21 Oct 2022 13:10

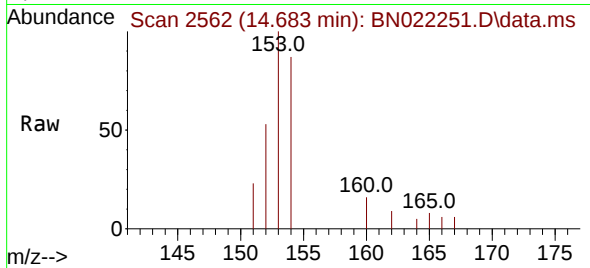
Tgt Ion:152 Resp: 3217
Ion Ratio Lower Upper
152 100
151 23.1 15.9 23.9
153 18.9 10.8 16.2#





#11
Acenaphthene
Concen: 0.052 ng/ul
RT: 14.683 min Scan# 2562
Delta R.T. -0.003 min
Lab File: BN022251.D
Acq: 21 Oct 2022 13:10

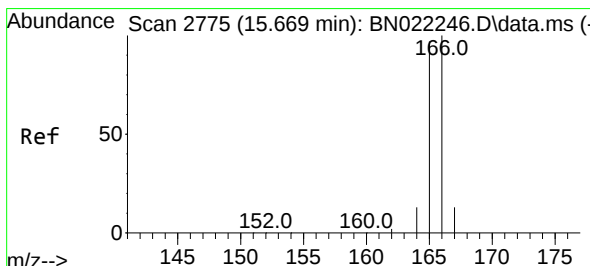
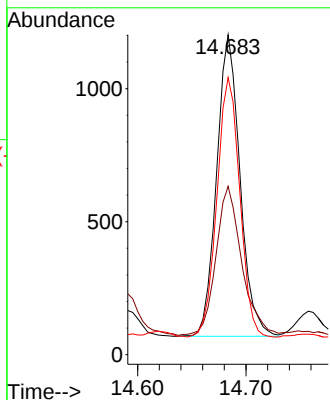
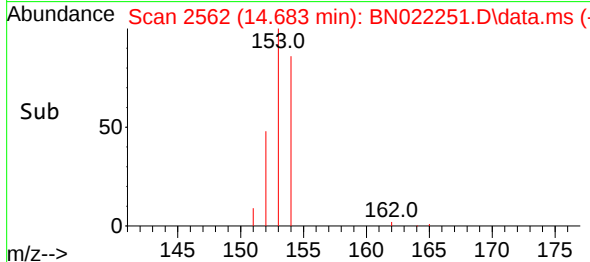
Instrument :
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ClientSampleId :
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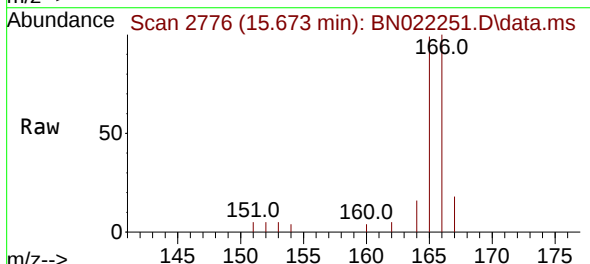
Tgt Ion:153 Resp: 1699
Ion Ratio Lower Upper
153 100
152 52.6 40.6 61.0
154 86.6 70.6 106.0

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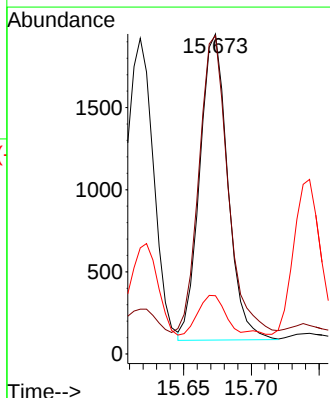
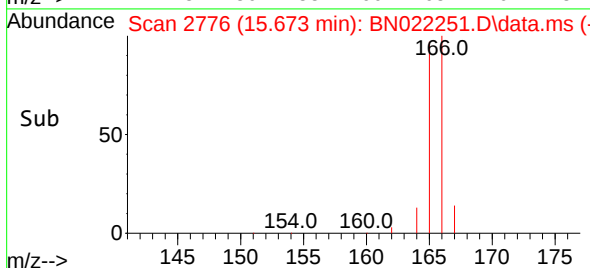
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

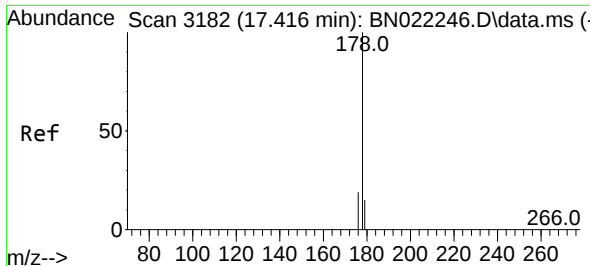


#12
Fluorene
Concen: 0.071 ng/ul
RT: 15.673 min Scan# 2776
Delta R.T. -0.003 min
Lab File: BN022251.D
Acq: 21 Oct 2022 13:10



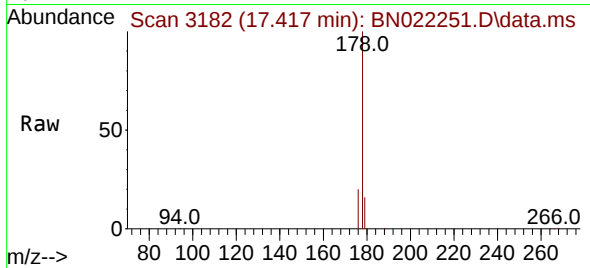
Tgt Ion:166 Resp: 2677
Ion Ratio Lower Upper
166 100
165 99.4 78.2 117.2
167 18.2 11.0 16.4#





#15
Phenanthrene
Concen: 0.707 ng/u1
RT: 17.417 min Scan# 3182
Delta R.T. -0.007 min
Lab File: BN022251.D
Acq: 21 Oct 2022 13:10

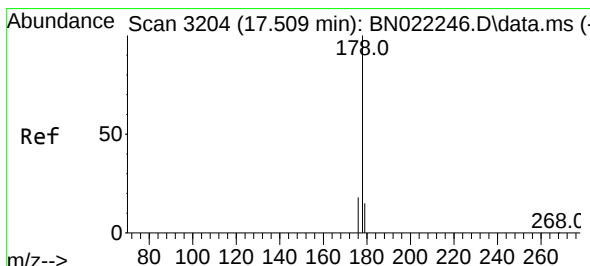
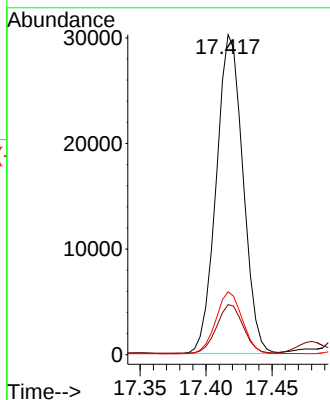
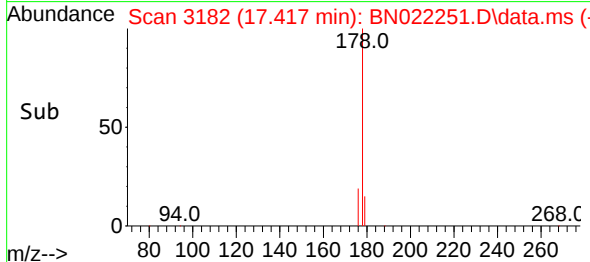
Instrument :
BNA_N
ClientSampleId :
C1BF2



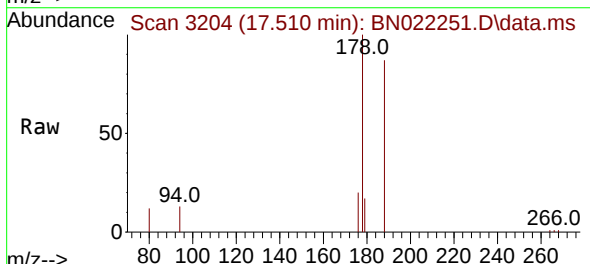
Tgt Ion:178 Resp: 42511
Ion Ratio Lower Upper
178 100
179 15.7 12.7 19.1
176 19.7 15.4 23.2

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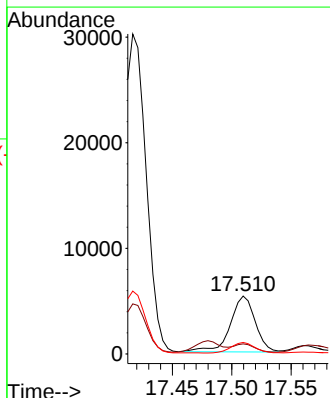
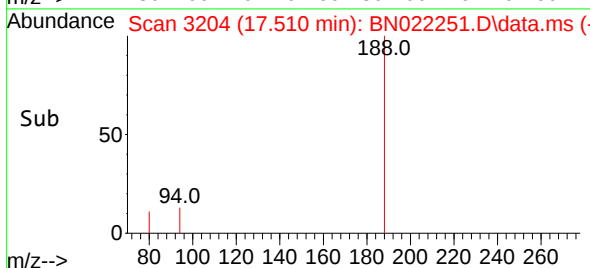
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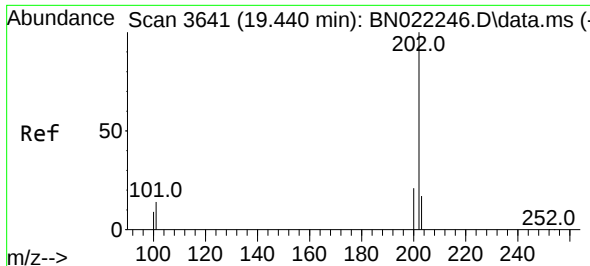


#16
Anthracene
Concen: 0.152 ng/u1
RT: 17.510 min Scan# 3204
Delta R.T. -0.007 min
Lab File: BN022251.D
Acq: 21 Oct 2022 13:10



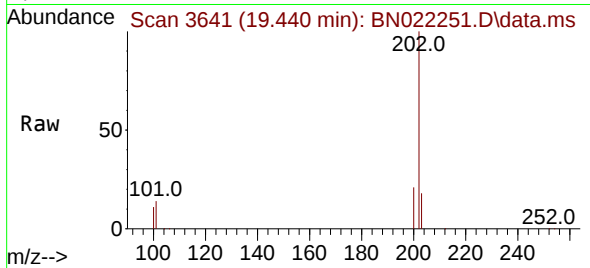
Tgt Ion:178 Resp: 7713
Ion Ratio Lower Upper
178 100
179 17.3 12.6 18.8
176 19.9 15.0 22.6





#19
Fluoranthene
Concen: 1.896 ng/ul
RT: 19.440 min Scan# 3641
Delta R.T. -0.003 min
Lab File: BN022251.D
Acq: 21 Oct 2022 13:10

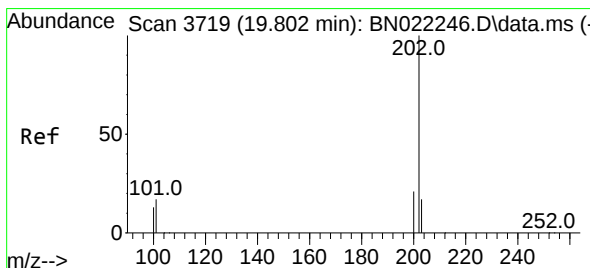
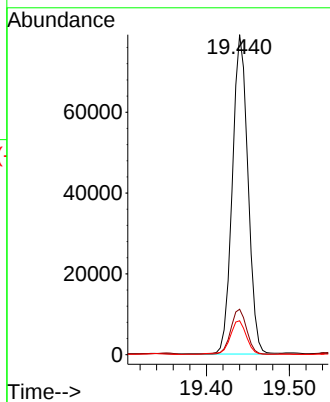
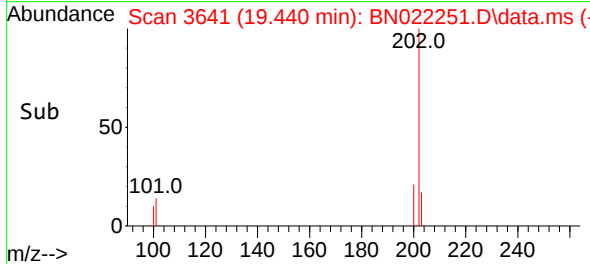
Instrument :
BNA_N
ClientSampleId :
C1BF2



Tgt Ion:202 Resp: 103427
Ion Ratio Lower Upper
202 100
101 14.2 11.8 17.6
100 10.6 8.7 13.1

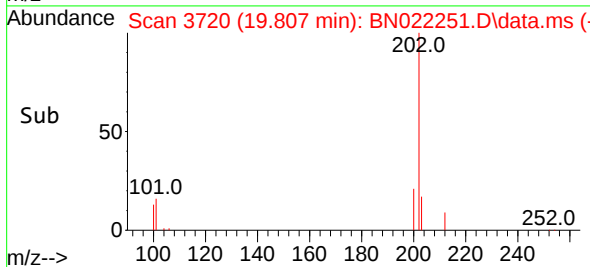
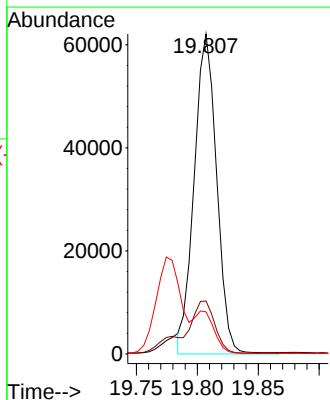
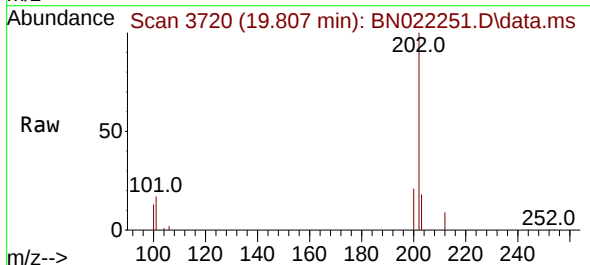
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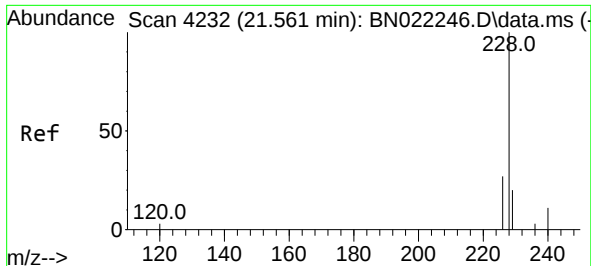
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#20
Pyrene
Concen: 1.455 ng/ul m
RT: 19.807 min Scan# 3720
Delta R.T. -0.003 min
Lab File: BN022251.D
Acq: 21 Oct 2022 13:10

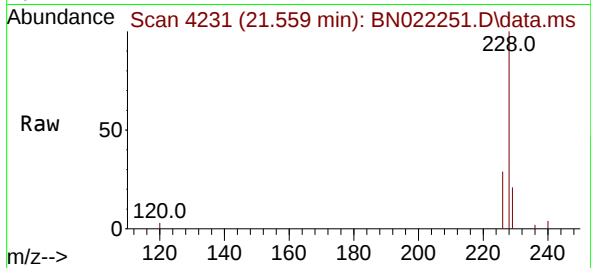
Tgt Ion:202 Resp: 79746
Ion Ratio Lower Upper
202 100
101 16.5 13.1 19.7
100 13.1 10.6 16.0





#21
Benzo(a)anthracene
Concen: 0.815 ng/ul
RT: 21.559 min Scan# 4231
Delta R.T. -0.009 min
Lab File: BN022251.D
Acq: 21 Oct 2022 13:10

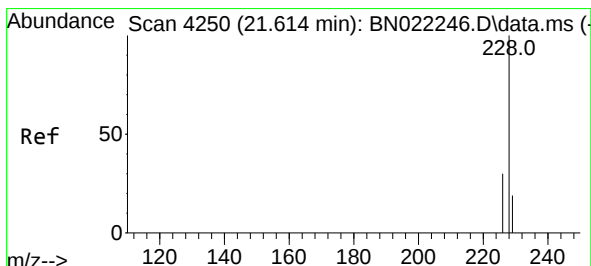
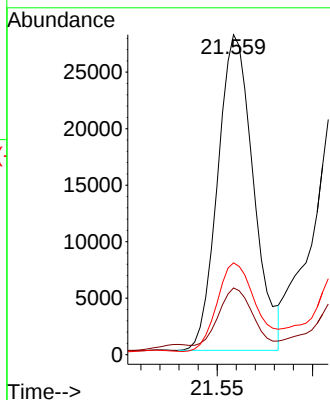
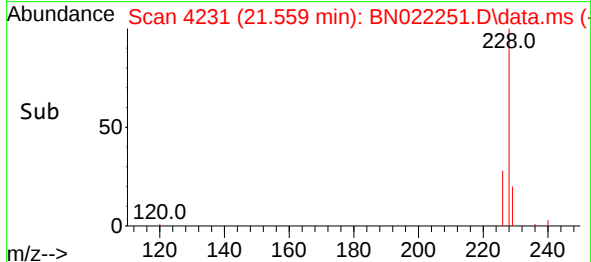
Instrument :
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C1BF2



Tgt Ion:228 Resp: 36369
Ion Ratio Lower Upper
228 100
229 20.8 15.7 23.5
226 28.7 21.5 32.3

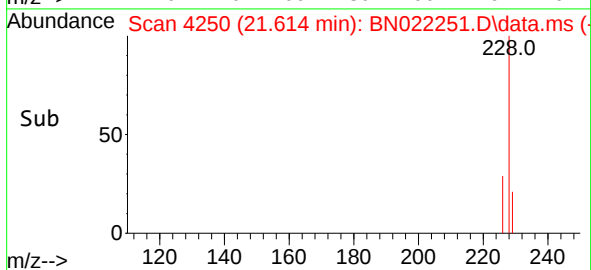
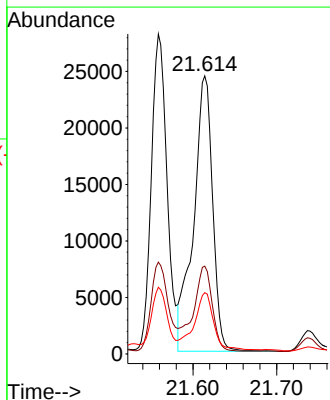
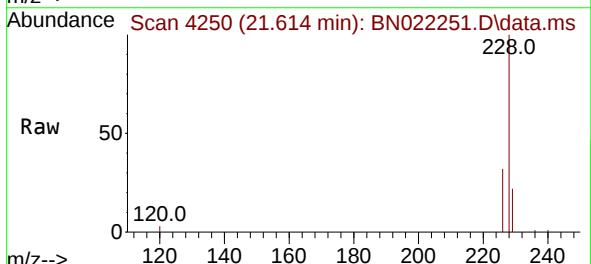
Manual Integrations
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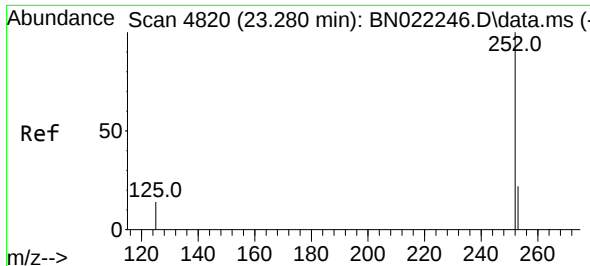
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#22
Chrysene
Concen: 0.816 ng/ul
RT: 21.614 min Scan# 4250
Delta R.T. -0.006 min
Lab File: BN022251.D
Acq: 21 Oct 2022 13:10

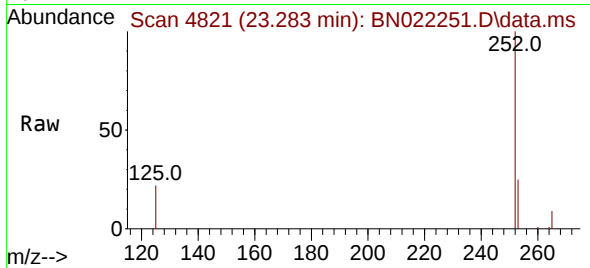
Tgt Ion:228 Resp: 38610
Ion Ratio Lower Upper
228 100
226 31.6 23.9 35.9
229 22.0 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 0.957 ng/ul m
RT: 23.283 min Scan# 4820
Delta R.T. -0.006 min
Lab File: BN022251.D
Acq: 21 Oct 2022 13:10

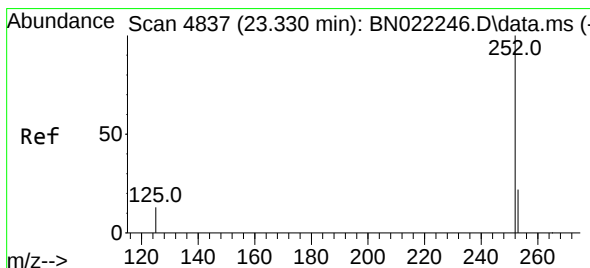
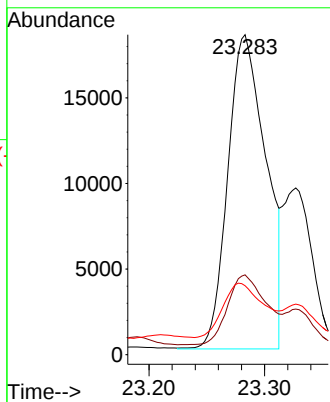
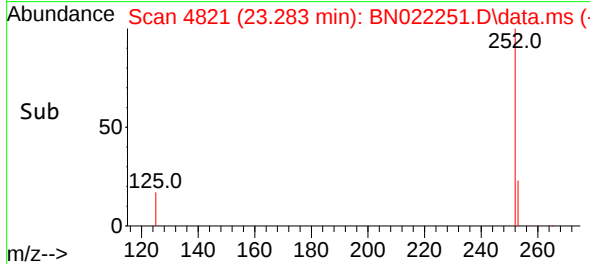
Instrument :
BNA_N
ClientSampleId :
C1BF2



Tgt Ion:252 Resp: 42100
Ion Ratio Lower Upper
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253 24.9 0.0 49.0
125 21.5 0.0 35.2

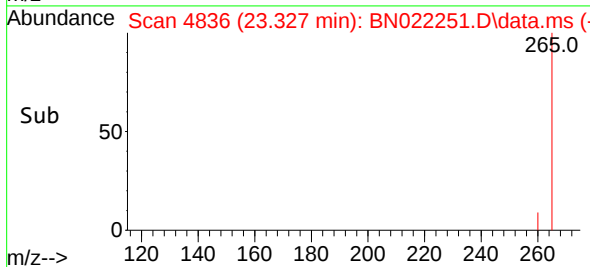
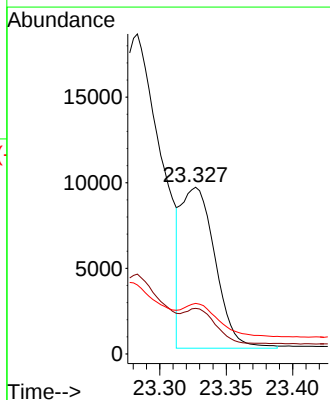
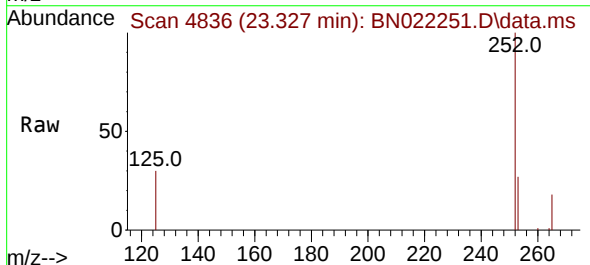
Manual Integrations
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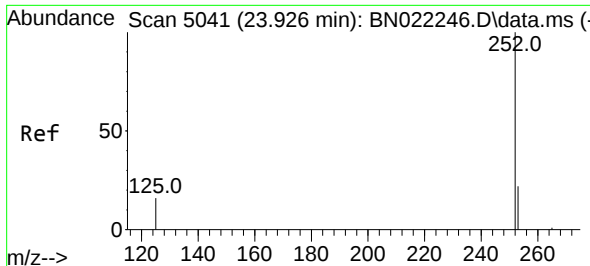
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#25
Benzo(k)fluoranthene
Concen: 0.393 ng/ul m
RT: 23.327 min Scan# 4836
Delta R.T. -0.012 min
Lab File: BN022251.D
Acq: 21 Oct 2022 13:10

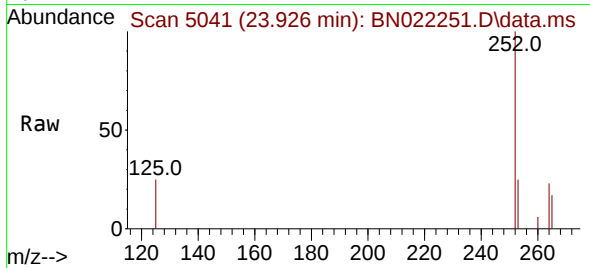
Tgt Ion:252 Resp: 16793
Ion Ratio Lower Upper
252 100
253 27.3 19.7 29.5
125 30.4 14.0 21.0#





#26
Benzo(a)pyrene
Concen: 0.723 ng/ul
RT: 23.926 min Scan# 5041
Delta R.T. -0.009 min
Lab File: BN022251.D
Acq: 21 Oct 2022 13:10

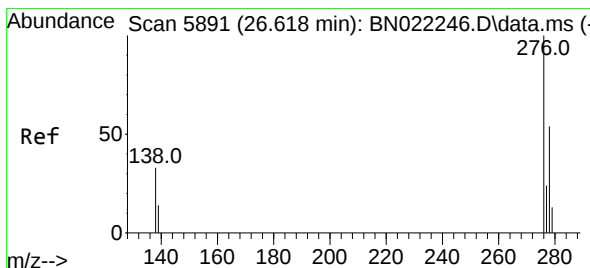
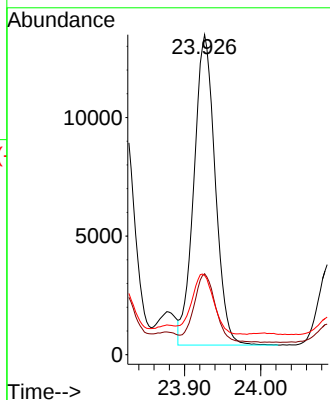
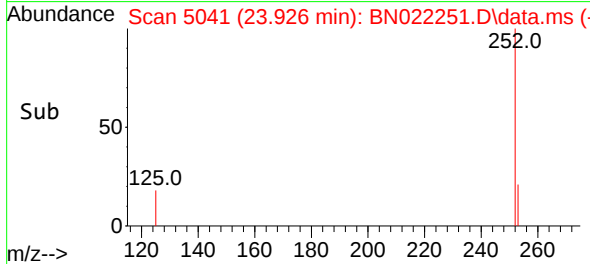
Instrument :
BNA_N
ClientSampleId :
C1BF2



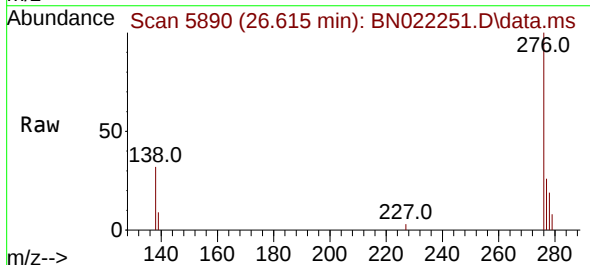
Tgt Ion:252 Resp: 2533
Ion Ratio Lower Upper
252 100
253 25.3 21.0 31.6
125 24.7 17.9 26.9

Manual Integrations
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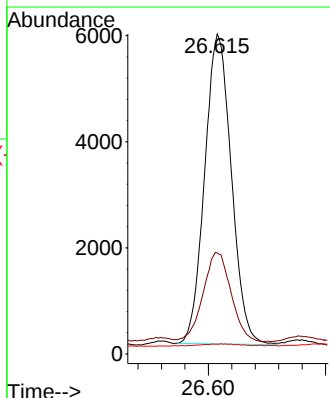
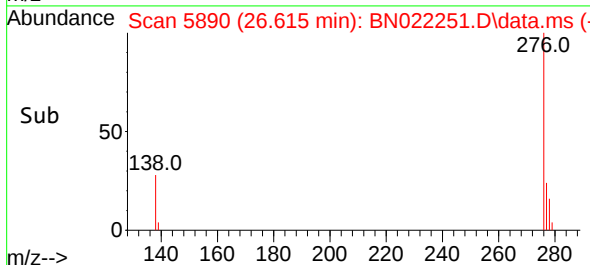
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

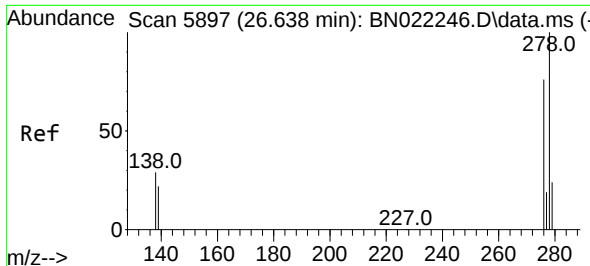


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.424 ng/ul
RT: 26.615 min Scan# 5890
Delta R.T. -0.021 min
Lab File: BN022251.D
Acq: 21 Oct 2022 13:10



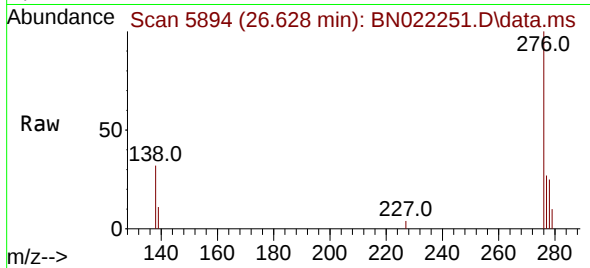
Tgt Ion:276 Resp: 18474
Ion Ratio Lower Upper
276 100
138 30.4 27.7 41.5
227 0.8 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.123 ng/ul
RT: 26.628 min Scan# 5894
Delta R.T. -0.027 min
Lab File: BN022251.D
Acq: 21 Oct 2022 13:10

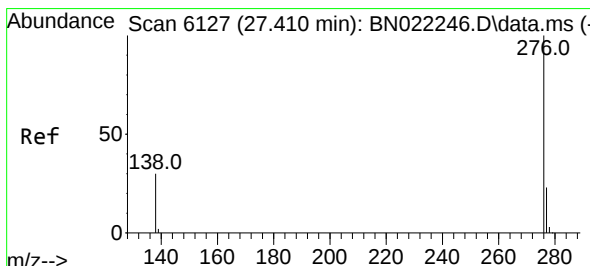
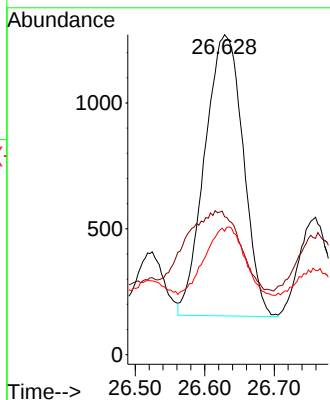
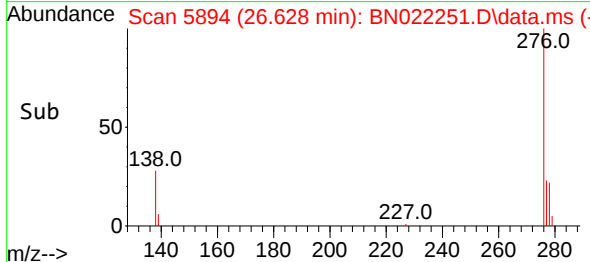
Instrument :
BNA_N
ClientSampleId :
C1BF2



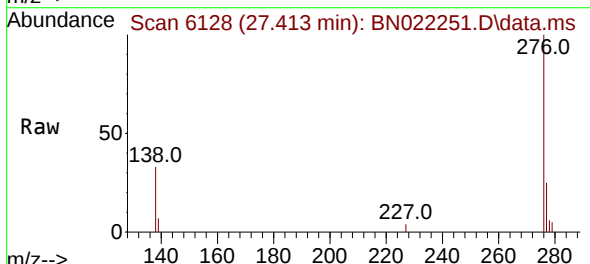
Tgt Ion:278 Resp: 4280
Ion Ratio Lower Upper
278 100
139 43.1 19.6 29.4
279 38.6 20.6 30.8

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Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#29
Benzo(g,h,i)perylene
Concen: 0.458 ng/ul
RT: 27.413 min Scan# 6128
Delta R.T. -0.017 min
Lab File: BN022251.D
Acq: 21 Oct 2022 13:10



Tgt Ion:276 Resp: 16271
Ion Ratio Lower Upper
276 100
138 33.1 25.2 37.8
277 25.5 19.9 29.9

