

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102022\
 Data File : BN022220.D
 Acq On : 20 Oct 2022 06:15
 Operator : CG/JU
 Sample : N5023-17
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BC8

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/20/2022
 Supervised By :mohammad ahmed 10/21/2022

Quant Time: Oct 20 07:03:50 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	7.949	152	6023	0.400	ng/ul	0.00
4) Naphthalene-d8	10.772	136	20223	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.623	164	11550	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.379	188	23773	0.400	ng/ul	0.00
17) Chrysene-d12	21.579	240	14325	0.400	ng/ul	0.00
23) Perylene-d12	24.040	264	11103	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	25060	3.201	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.373	152	6850	0.224	ng/ul	0.00
18) Fluoranthene-d10	19.412	212	14321	0.298	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.827	128	20743	0.347	ng/ul	99
7) 2-Methylnaphthalene	12.444	142	13600	0.361	ng/ul	99
8) 1-Methylnaphthalene	12.664	142	12548	0.324	ng/ul	100
10) Acenaphthylene	14.346	152	11702	0.226	ng/ul	97
11) Acenaphthene	14.683	153	18871	0.432	ng/ul	99
12) Fluorene	15.673	166	26582	0.523	ng/ul	100
15) Phenanthrene	17.421	178	523104	6.554	ng/ul	99
16) Anthracene	17.509	178	95707	1.423	ng/ul	100
19) Fluoranthene	19.445	202	895005	13.641	ng/ul	98
20) Pyrene	19.807	202	636588m	9.658	ng/ul	
21) Benzo(a)anthracene	21.561	228	269328	5.018	ng/ul	98
22) Chrysene	21.614	228	272216	4.785	ng/ul	97
24) Benzo(b)fluoranthene	23.286	252	308855m	5.539	ng/ul	
25) Benzo(k)fluoranthene	23.330	252	102364m	1.888	ng/ul	
26) Benzo(a)pyrene	23.929	252	187270	4.213	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.618	276	137428	2.487	ng/ul	91
28) Dibenzo(a,h)anthracene	26.632	278	33199	0.752	ng/ul	94
29) Benzo(g,h,i)perylene	27.420	276	113045	2.511	ng/ul	98

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

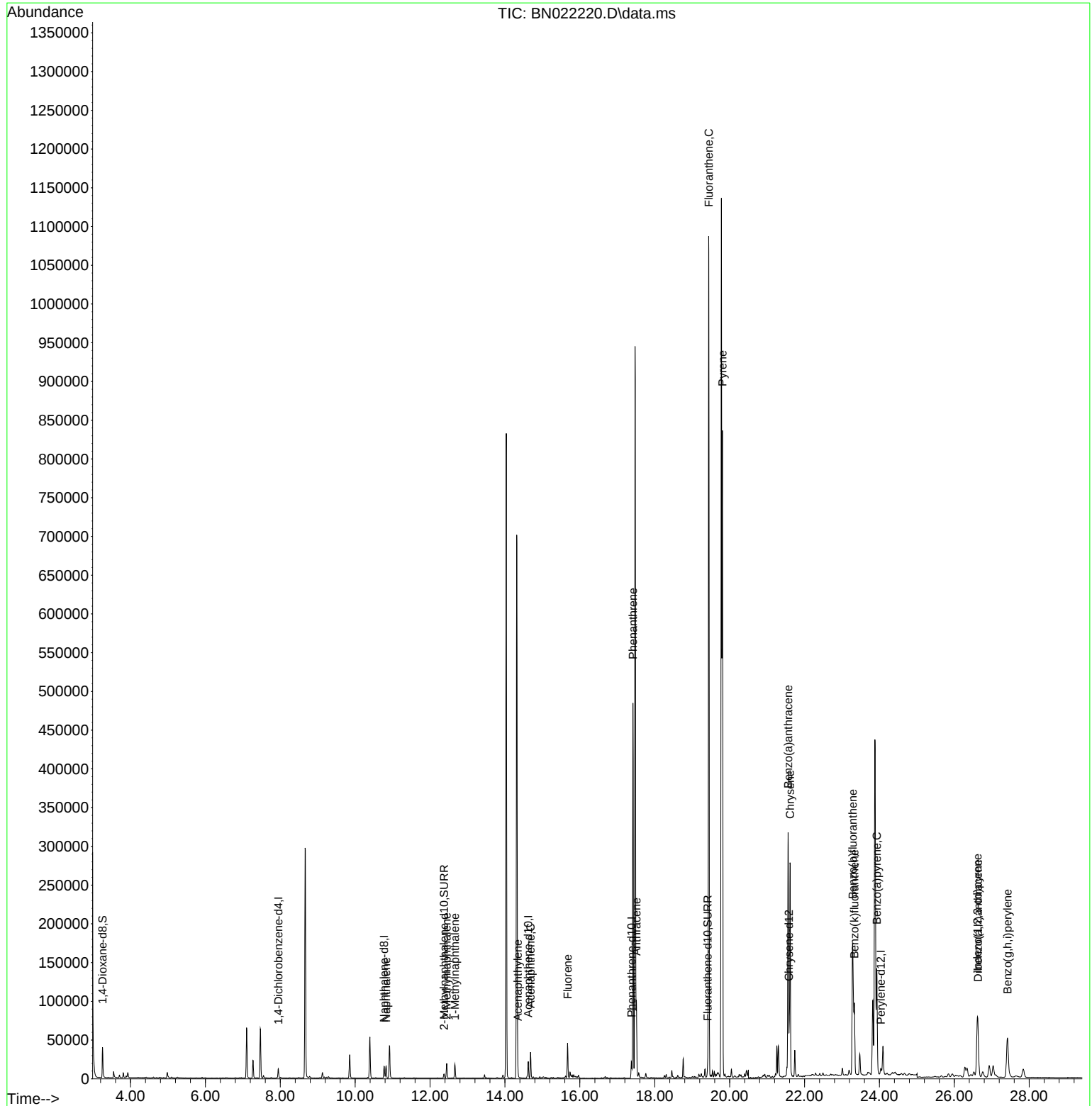
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102022\
Data File : BN022220.D
Acq On : 20 Oct 2022 06:15
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ALS Vial : 26 Sample Multiplier: 1

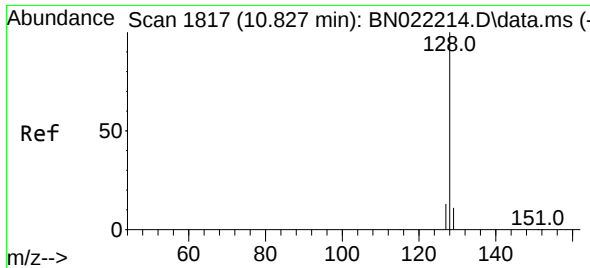
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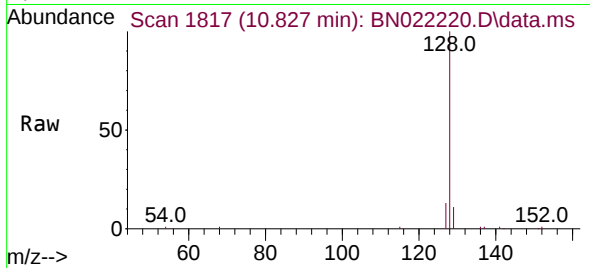
Quant Time: Oct 20 07:03:50 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 19 23:32:34 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.347 ng/ul
RT: 10.827 min Scan# 1817
Delta R.T. -0.004 min
Lab File: BN022220.D
Acq: 20 Oct 2022 06:15

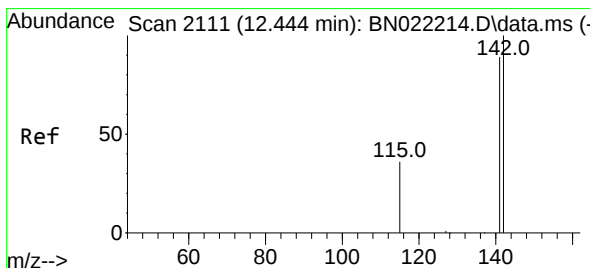
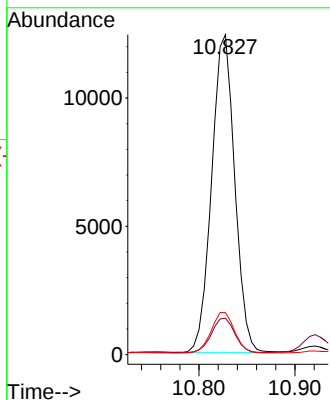
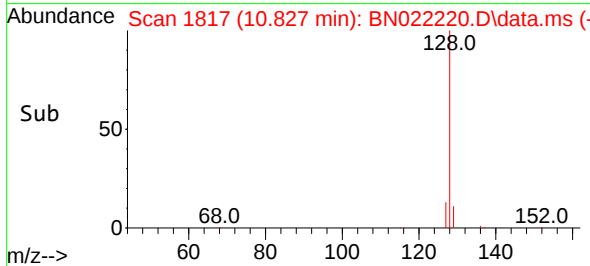
Instrument :
BNA_N
ClientSampleId :
C0BC8



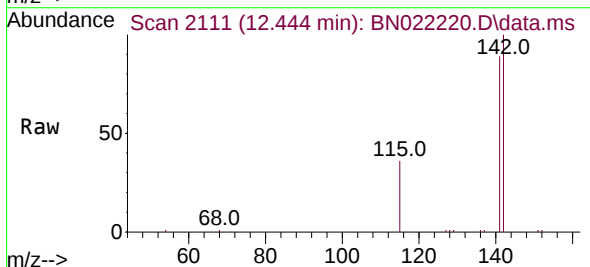
Tgt Ion:128 Resp: 20743
Ion Ratio Lower Upper
128 100
129 11.4 9.3 13.9
127 13.1 10.7 16.1

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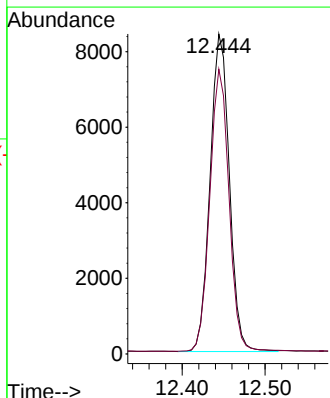
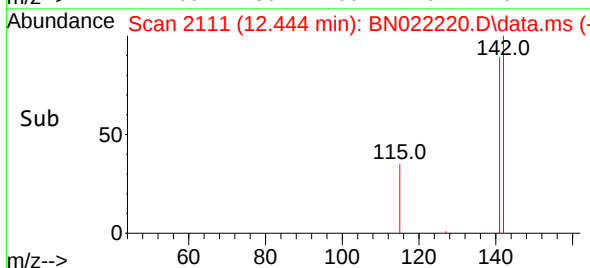
Reviewed By :Jagrut Upadhyay 10/20/2022
Supervised By :mohammad ahmed 10/21/2022

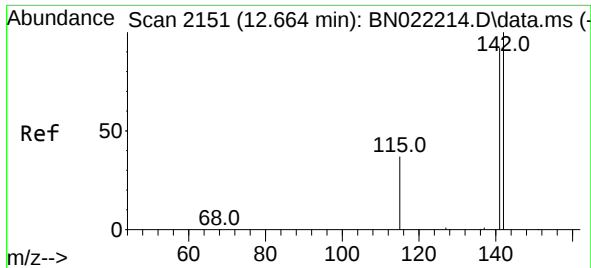


#7
2-Methylnaphthalene
Concen: 0.361 ng/ul
RT: 12.444 min Scan# 2111
Delta R.T. -0.004 min
Lab File: BN022220.D
Acq: 20 Oct 2022 06:15



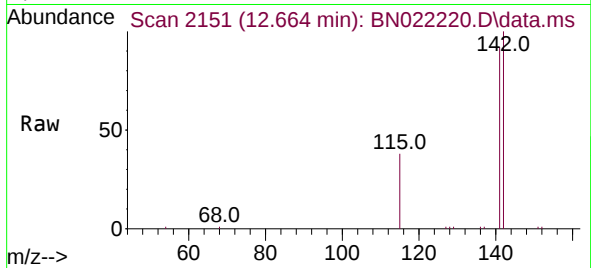
Tgt Ion:142 Resp: 13600
Ion Ratio Lower Upper
142 100
141 88.3 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.324 ng/ul
RT: 12.664 min Scan# 2151
Delta R.T. -0.004 min
Lab File: BN022220.D
Acq: 20 Oct 2022 06:15

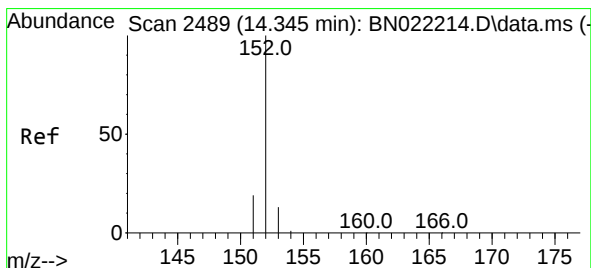
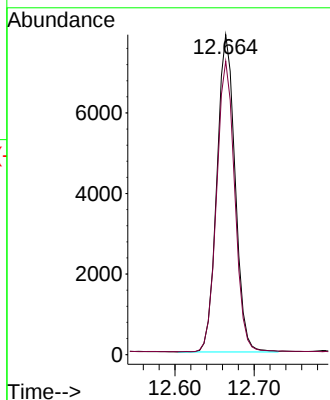
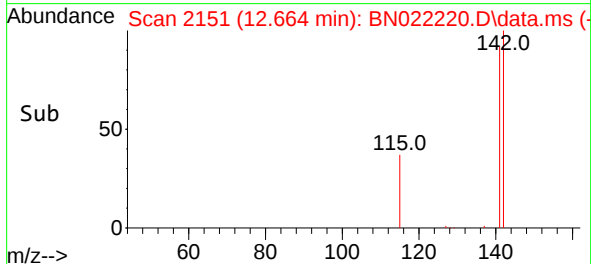
Instrument :
BNA_N
ClientSampleId :
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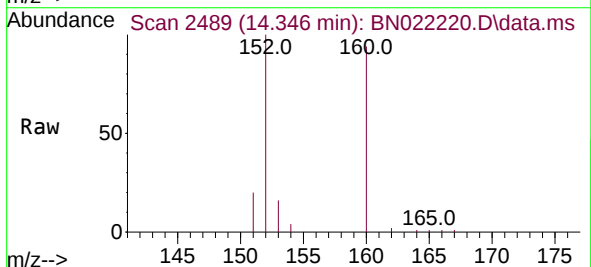
Tgt Ion:142 Resp: 12548
Ion Ratio Lower Upper
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141 91.2 73.3 109.9

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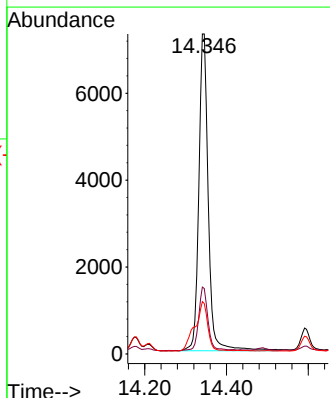
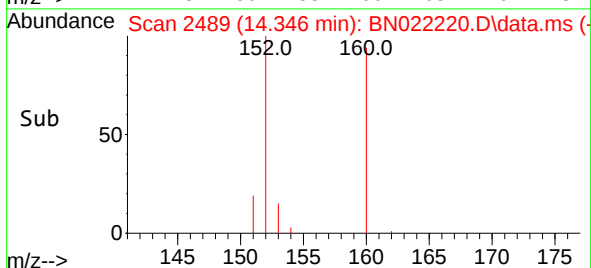
Reviewed By :Jagrut Upadhyay 10/20/2022
Supervised By :mohammad ahmed 10/21/2022

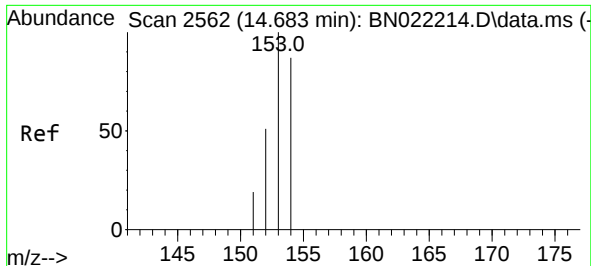


#10
Acenaphthylene
Concen: 0.226 ng/ul
RT: 14.346 min Scan# 2489
Delta R.T. -0.003 min
Lab File: BN022220.D
Acq: 20 Oct 2022 06:15



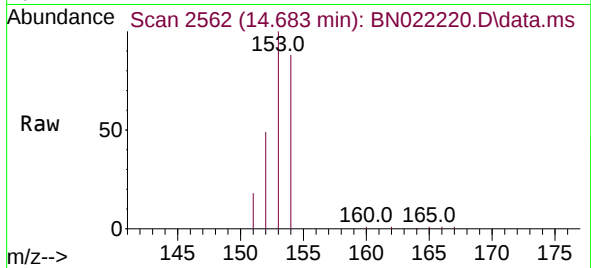
Tgt Ion:152 Resp: 11702
Ion Ratio Lower Upper
152 100
151 20.4 15.9 23.9
153 15.7 10.8 16.2





#11
Acenaphthene
Concen: 0.432 ng/ul
RT: 14.683 min Scan# 2562
Delta R.T. -0.003 min
Lab File: BN022220.D
Acq: 20 Oct 2022 06:15

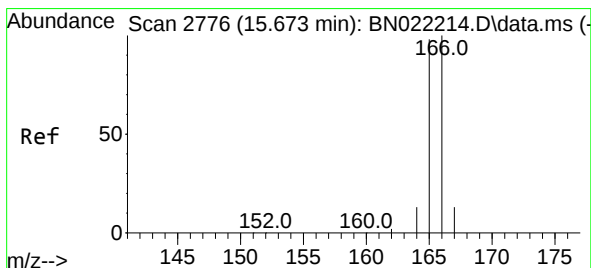
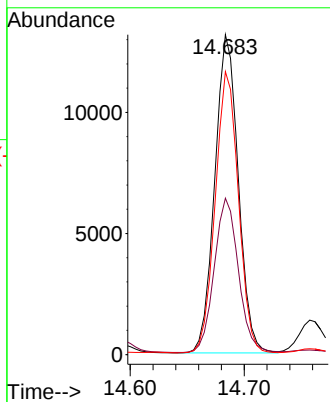
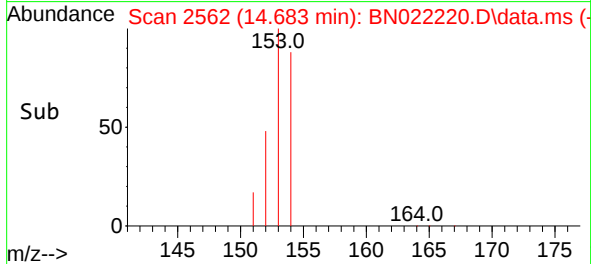
Instrument :
BNA_N
ClientSampleId :
C0BC8



Tgt Ion:153 Resp: 1887
Ion Ratio Lower Upper
153 100
152 48.9 40.6 61.0
154 88.4 70.6 106.0

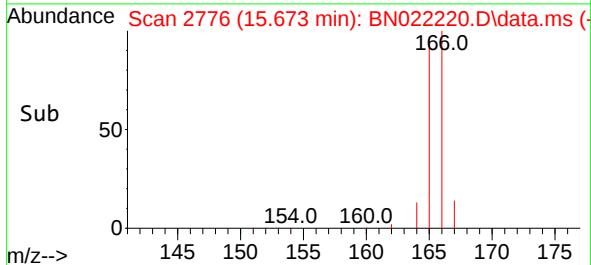
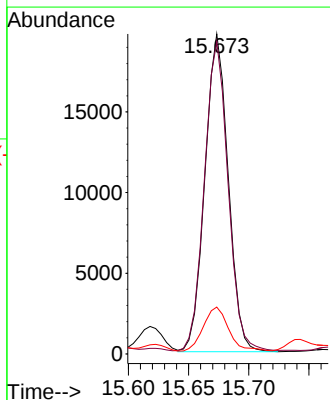
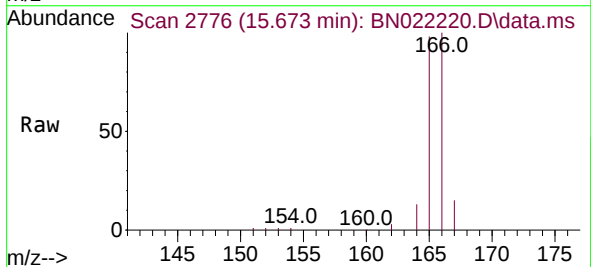
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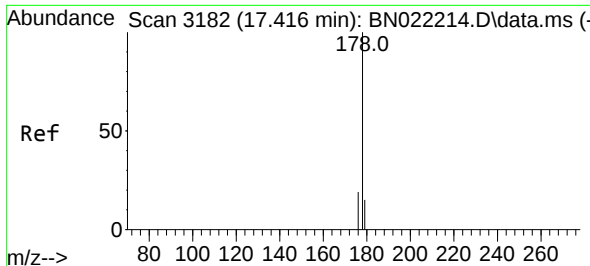
Reviewed By :Jagrut Upadhyay 10/20/2022
Supervised By :mohammad ahmed 10/21/2022



#12
Fluorene
Concen: 0.523 ng/ul
RT: 15.673 min Scan# 2776
Delta R.T. -0.003 min
Lab File: BN022220.D
Acq: 20 Oct 2022 06:15

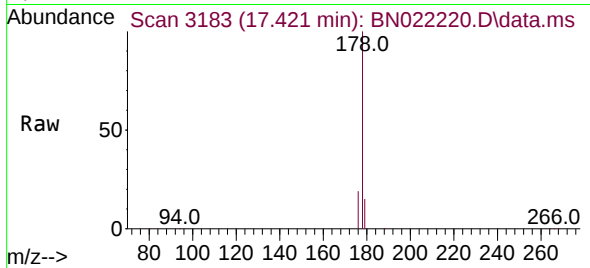
Tgt Ion:166 Resp: 26582
Ion Ratio Lower Upper
166 100
165 97.6 78.2 117.2
167 14.6 11.0 16.4





#15
Phenanthrene
Concen: 6.554 ng/ul
RT: 17.421 min Scan# 3183
Delta R.T. -0.003 min
Lab File: BN022220.D
Acq: 20 Oct 2022 06:15

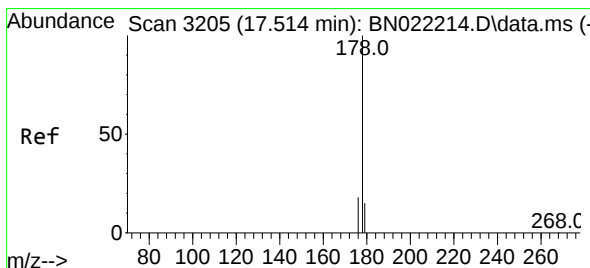
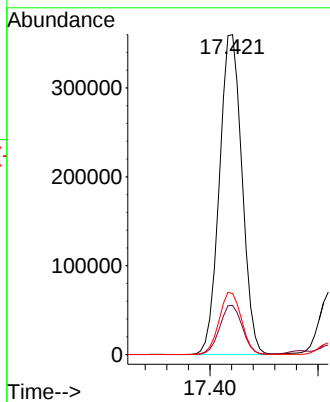
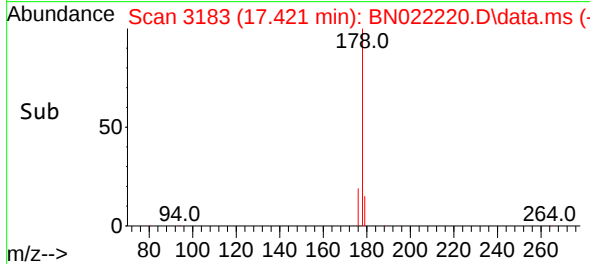
Instrument :
BNA_N
ClientSampleId :
C0BC8



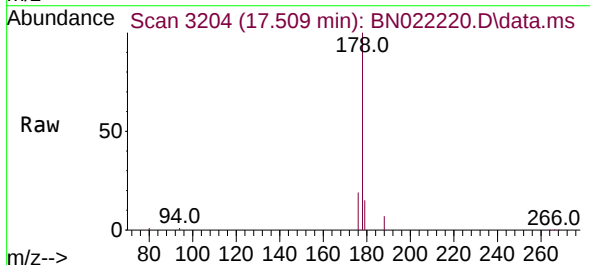
Tgt Ion:178 Resp: 523104
Ion Ratio Lower Upper
178 100
179 15.4 12.7 19.1
176 19.1 15.4 23.2

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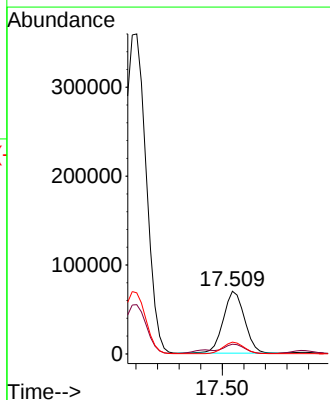
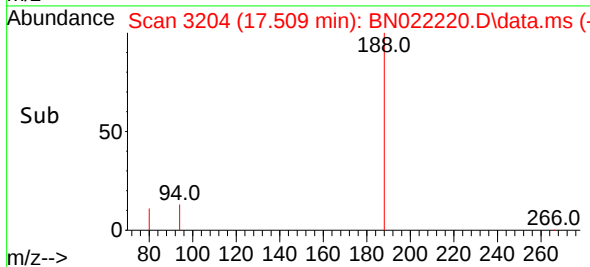
Reviewed By :Jagrut Upadhyay 10/20/2022
Supervised By :mohammad ahmed 10/21/2022

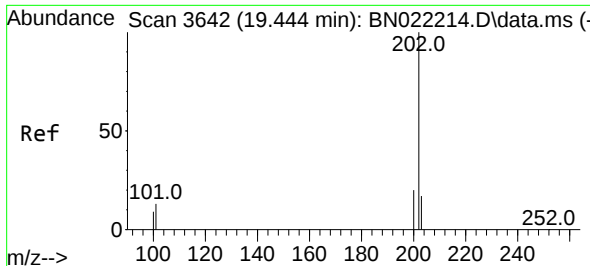


#16
Anthracene
Concen: 1.423 ng/ul
RT: 17.509 min Scan# 3204
Delta R.T. -0.007 min
Lab File: BN022220.D
Acq: 20 Oct 2022 06:15



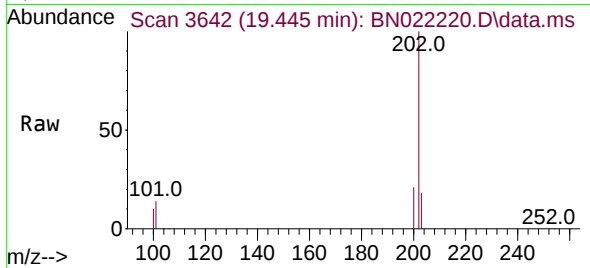
Tgt Ion:178 Resp: 95707
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 18.8 15.0 22.6





#19
Fluoranthene
Concen: 13.641 ng/ul
RT: 19.445 min Scan# 3642
Delta R.T. 0.001 min
Lab File: BN022220.D
Acq: 20 Oct 2022 06:15

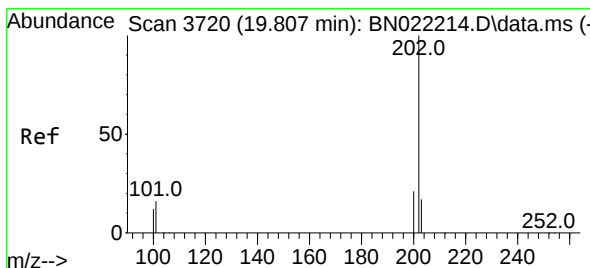
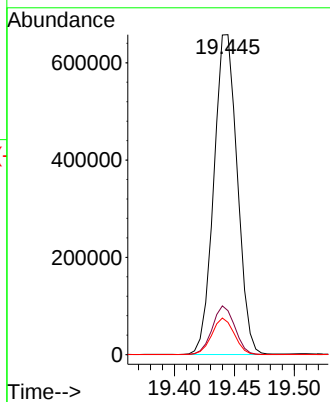
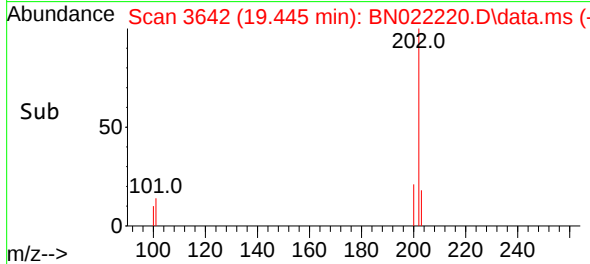
Instrument :
BNA_N
ClientSampleId :
C0BC8



Tgt Ion:202 Resp: 895005
Ion Ratio Lower Upper
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101 13.7 11.8 17.6
100 10.1 8.7 13.1

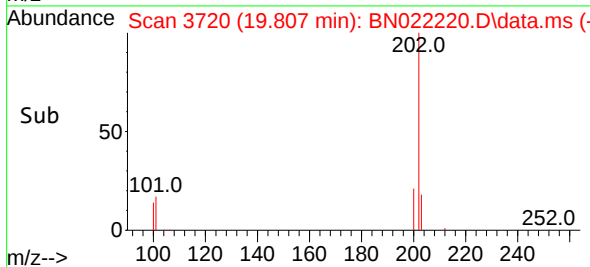
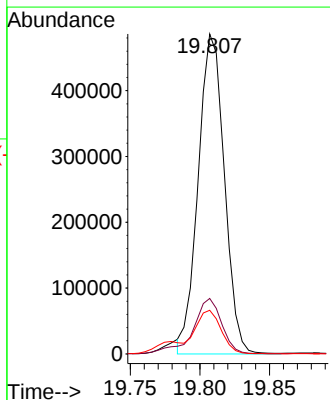
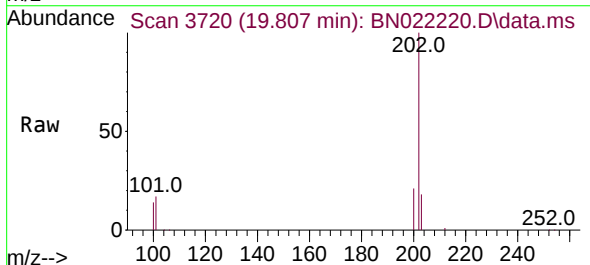
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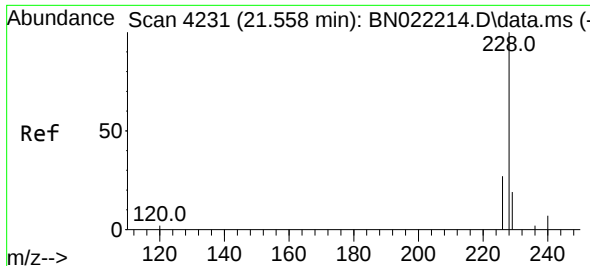
Reviewed By :Jagrut Upadhyay 10/20/2022
Supervised By :mohammad ahmed 10/21/2022



#20
Pyrene
Concen: 9.658 ng/ul m
RT: 19.807 min Scan# 3720
Delta R.T. -0.003 min
Lab File: BN022220.D
Acq: 20 Oct 2022 06:15

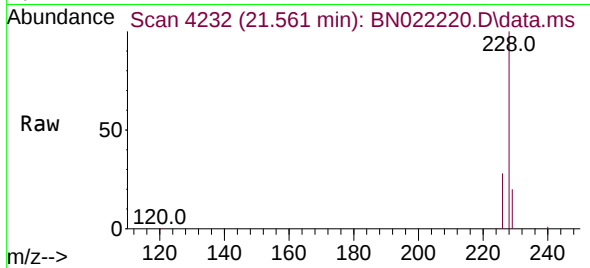
Tgt Ion:202 Resp: 636588
Ion Ratio Lower Upper
202 100
101 17.3 13.1 19.7
100 13.6 10.6 16.0





#21
Benzo(a)anthracene
Concen: 5.018 ng/u1
RT: 21.561 min Scan# 4231
Delta R.T. -0.006 min
Lab File: BN022220.D
Acq: 20 Oct 2022 06:15

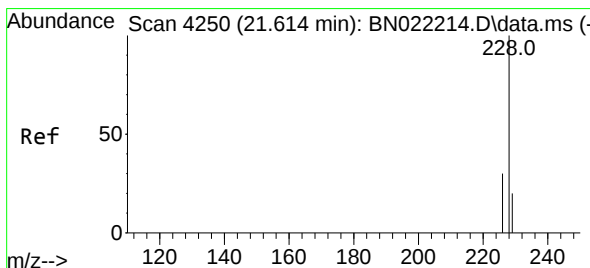
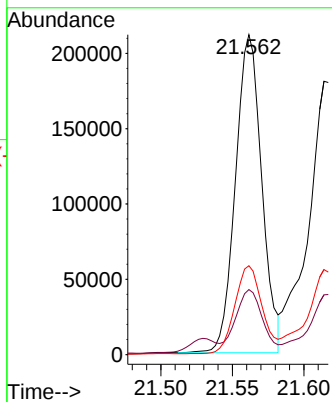
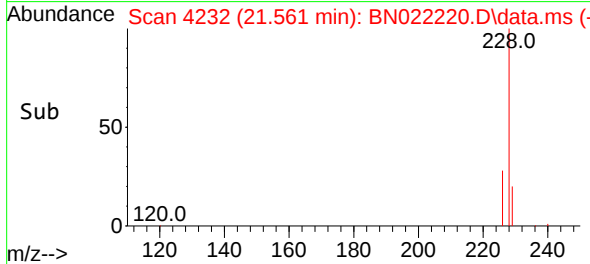
Instrument :
BNA_N
ClientSampleId :
C0BC8



Tgt Ion:228 Resp: 269328
Ion Ratio Lower Upper
228 100
229 20.3 15.7 23.5
226 27.8 21.5 32.3

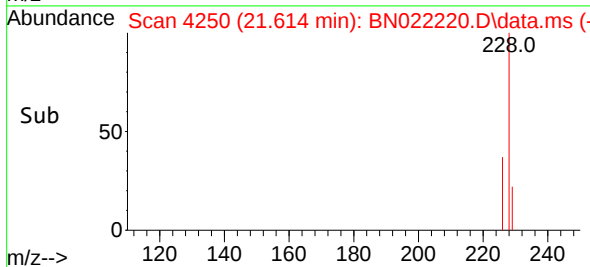
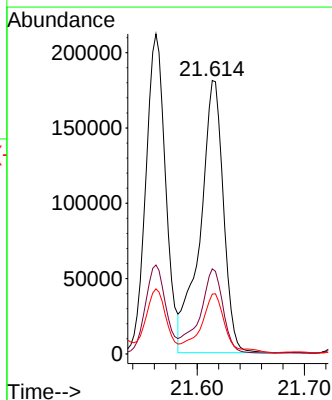
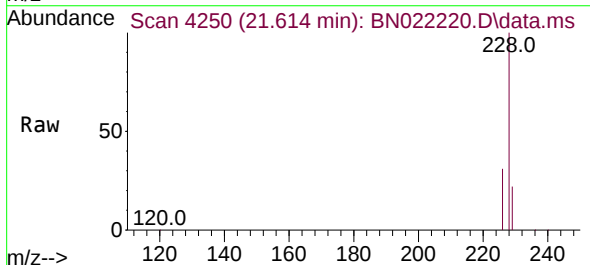
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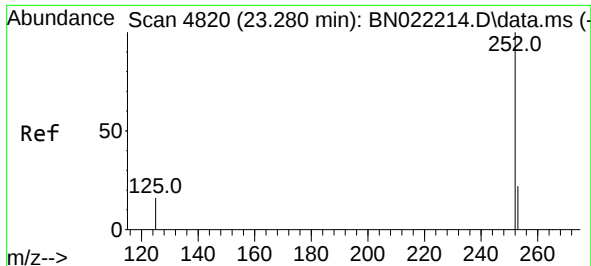
Reviewed By :Jagrut Upadhyay 10/20/2022
Supervised By :mohammad ahmed 10/21/2022



#22
Chrysene
Concen: 4.785 ng/u1
RT: 21.614 min Scan# 4250
Delta R.T. -0.006 min
Lab File: BN022220.D
Acq: 20 Oct 2022 06:15

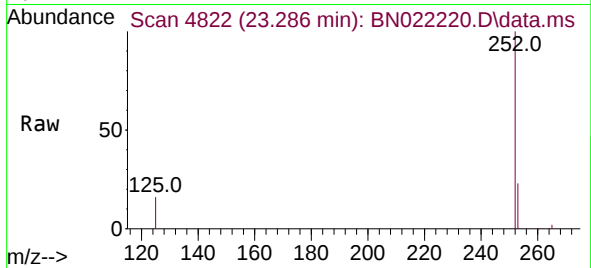
Tgt Ion:228 Resp: 272216
Ion Ratio Lower Upper
228 100
226 31.1 23.9 35.9
229 21.9 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 5.539 ng/ul m
RT: 23.286 min Scan# 4820
Delta R.T. -0.003 min
Lab File: BN022220.D
Acq: 20 Oct 2022 06:15

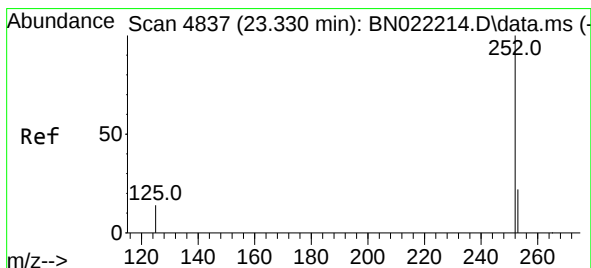
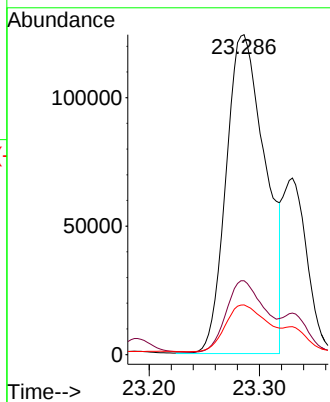
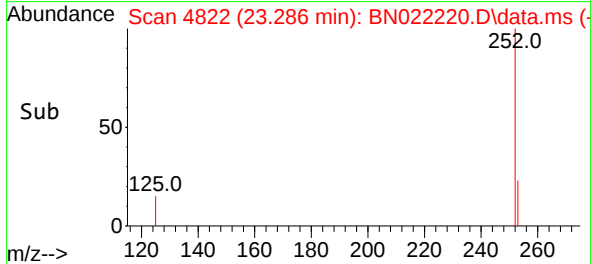
Instrument :
BNA_N
ClientSampleId :
C0BC8



Tgt Ion:252 Resp: 30885
Ion Ratio Lower Upper
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253 23.1 0.0 49.0
125 15.6 0.0 35.2

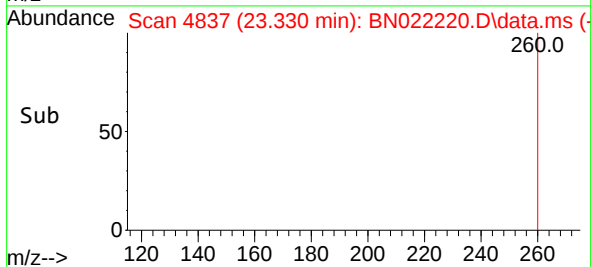
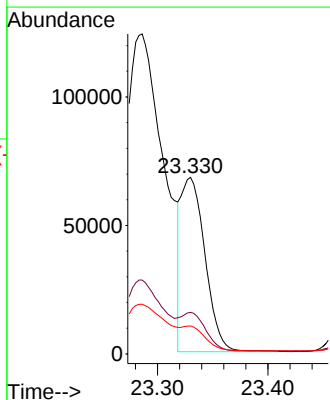
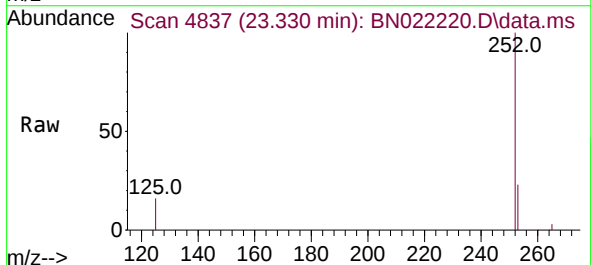
Manual Integrations
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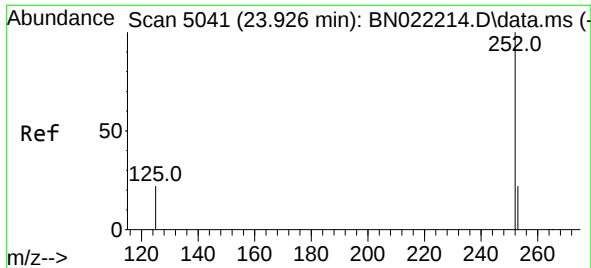
Reviewed By :Jagrut Upadhyay 10/20/2022
Supervised By :mohammad ahmed 10/21/2022



#25
Benzo(k)fluoranthene
Concen: 1.888 ng/ul m
RT: 23.330 min Scan# 4837
Delta R.T. -0.009 min
Lab File: BN022220.D
Acq: 20 Oct 2022 06:15

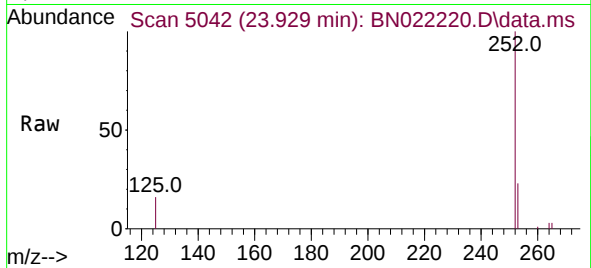
Tgt Ion:252 Resp: 102364
Ion Ratio Lower Upper
252 100
253 23.5 19.7 29.5
125 15.8 14.0 21.0





#26
Benzo(a)pyrene
Concen: 4.213 ng/ul
RT: 23.929 min Scan# 5042
Delta R.T. -0.006 min
Lab File: BN022220.D
Acq: 20 Oct 2022 06:15

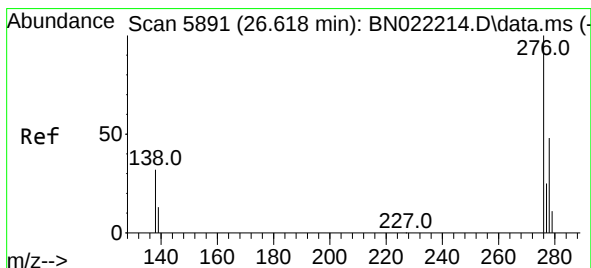
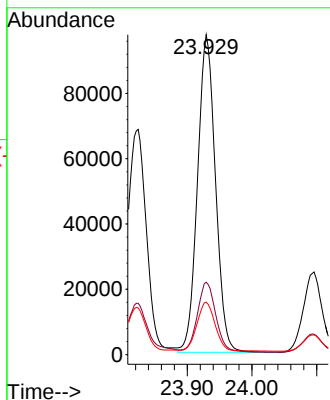
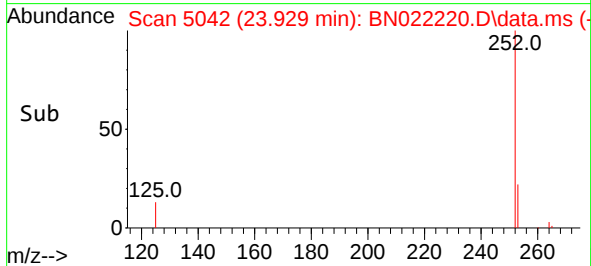
Instrument :
BNA_N
ClientSampleId :
C0BC8



Tgt Ion:252 Resp: 187270
Ion Ratio Lower Upper
252 100
253 22.6 21.0 31.6
125 16.4 17.9 26.9

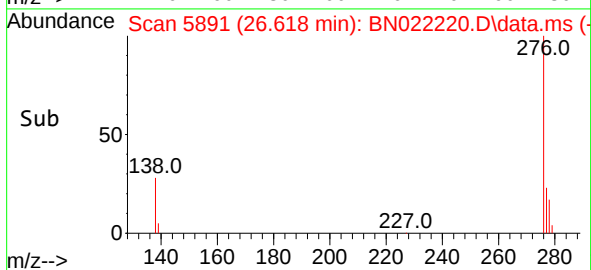
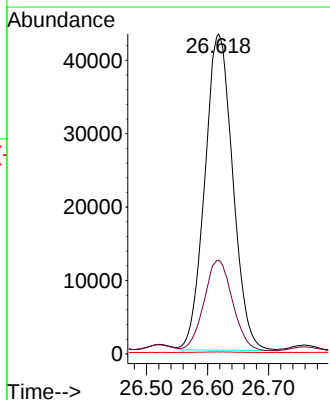
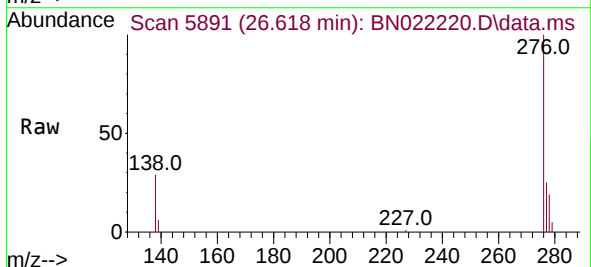
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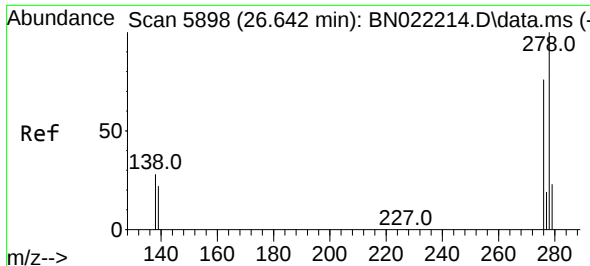
Reviewed By :Jagrut Upadhyay 10/20/2022
Supervised By :mohammad ahmed 10/21/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.487 ng/ul
RT: 26.618 min Scan# 5891
Delta R.T. -0.017 min
Lab File: BN022220.D
Acq: 20 Oct 2022 06:15

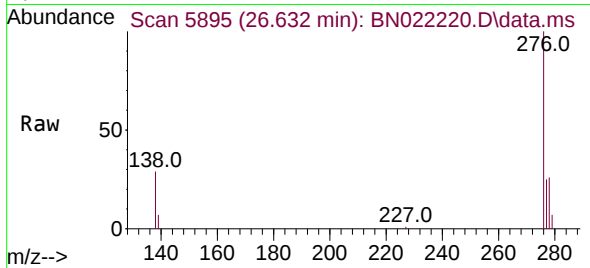
Tgt Ion:276 Resp: 137428
Ion Ratio Lower Upper
276 100
138 29.2 27.7 41.5
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.752 ng/ul
RT: 26.632 min Scan# 5898
Delta R.T. -0.024 min
Lab File: BN022220.D
Acq: 20 Oct 2022 06:15

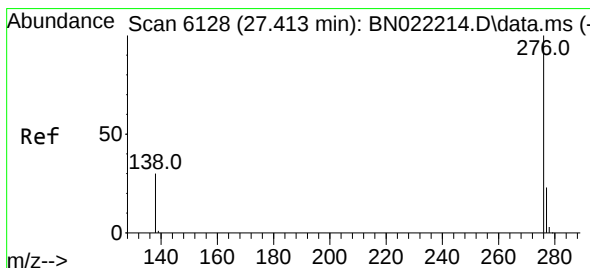
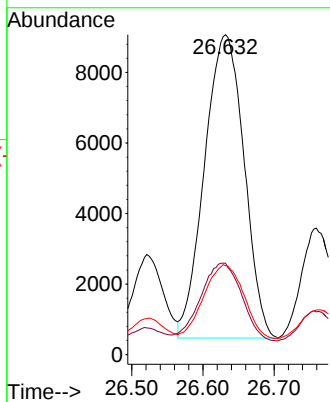
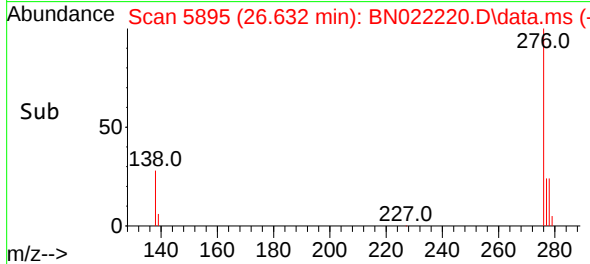
Instrument :
BNA_N
ClientSampleId :
C0BC8



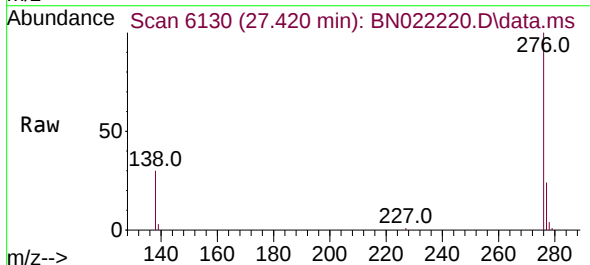
Tgt Ion:278 Resp: 33199
Ion Ratio Lower Upper
278 100
139 28.6 19.6 29.4
279 27.8 20.6 30.8

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Reviewed By :Jagrut Upadhyay 10/20/2022
Supervised By :mohammad ahmed 10/21/2022



#29
Benzo(g,h,i)perylene
Concen: 2.511 ng/ul
RT: 27.420 min Scan# 6130
Delta R.T. -0.011 min
Lab File: BN022220.D
Acq: 20 Oct 2022 06:15



Tgt Ion:276 Resp: 113045
Ion Ratio Lower Upper
276 100
138 30.1 25.2 37.8
277 24.0 19.9 29.9

