

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102022\
 Data File : BN022218.D
 Acq On : 20 Oct 2022 05:04
 Operator : CG/JU
 Sample : N5023-16
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BC6

Manual Integrations
 APPROVED

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

Quant Time: Oct 20 05:40:23 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	4674	0.400	ng/ul	0.00
4) Naphthalene-d8	10.772	136	15559	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.623	164	8973	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.379	188	18714	0.400	ng/ul	0.00
17) Chrysene-d12	21.576	240	12118	0.400	ng/ul	# 0.00
23) Perylene-d12	24.040	264	9590	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.253	96	23405	3.853	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.373	152	5888	0.250	ng/ul	0.00
18) Fluoranthene-d10	19.412	212	12906	0.317	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.827	128	26927	0.586	ng/ul	100
7) 2-Methylnaphthalene	12.444	142	17537	0.606	ng/ul	99
8) 1-Methylnaphthalene	12.664	142	13782	0.463	ng/ul	100
10) Acenaphthylene	14.341	152	8228	0.204	ng/ul#	94
11) Acenaphthene	14.683	153	9360	0.276	ng/ul	100
12) Fluorene	15.673	166	11181	0.283	ng/ul	99
15) Phenanthrene	17.421	178	389464	6.199	ng/ul	99
16) Anthracene	17.509	178	48297	0.912	ng/ul	100
19) Fluoranthene	19.445	202	965655	17.398	ng/ul	98
20) Pyrene	19.807	202	738654m	13.247	ng/ul	
21) Benzo(a)anthracene	21.561	228	333415	7.343	ng/ul	96
22) Chrysene	21.614	228	401274	8.338	ng/ul	97
24) Benzo(b)fluoranthene	23.283	252	446814m	9.278	ng/ul	
25) Benzo(k)fluoranthene	23.330	252	157336m	3.360	ng/ul	
26) Benzo(a)pyrene	23.929	252	310806	8.095	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.618	276	204357	4.282	ng/ul	92
28) Dibenzo(a,h)anthracene	26.632	278	53254	1.397	ng/ul#	87
29) Benzo(g,h,i)perylene	27.416	276	192977	4.963	ng/ul	99

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

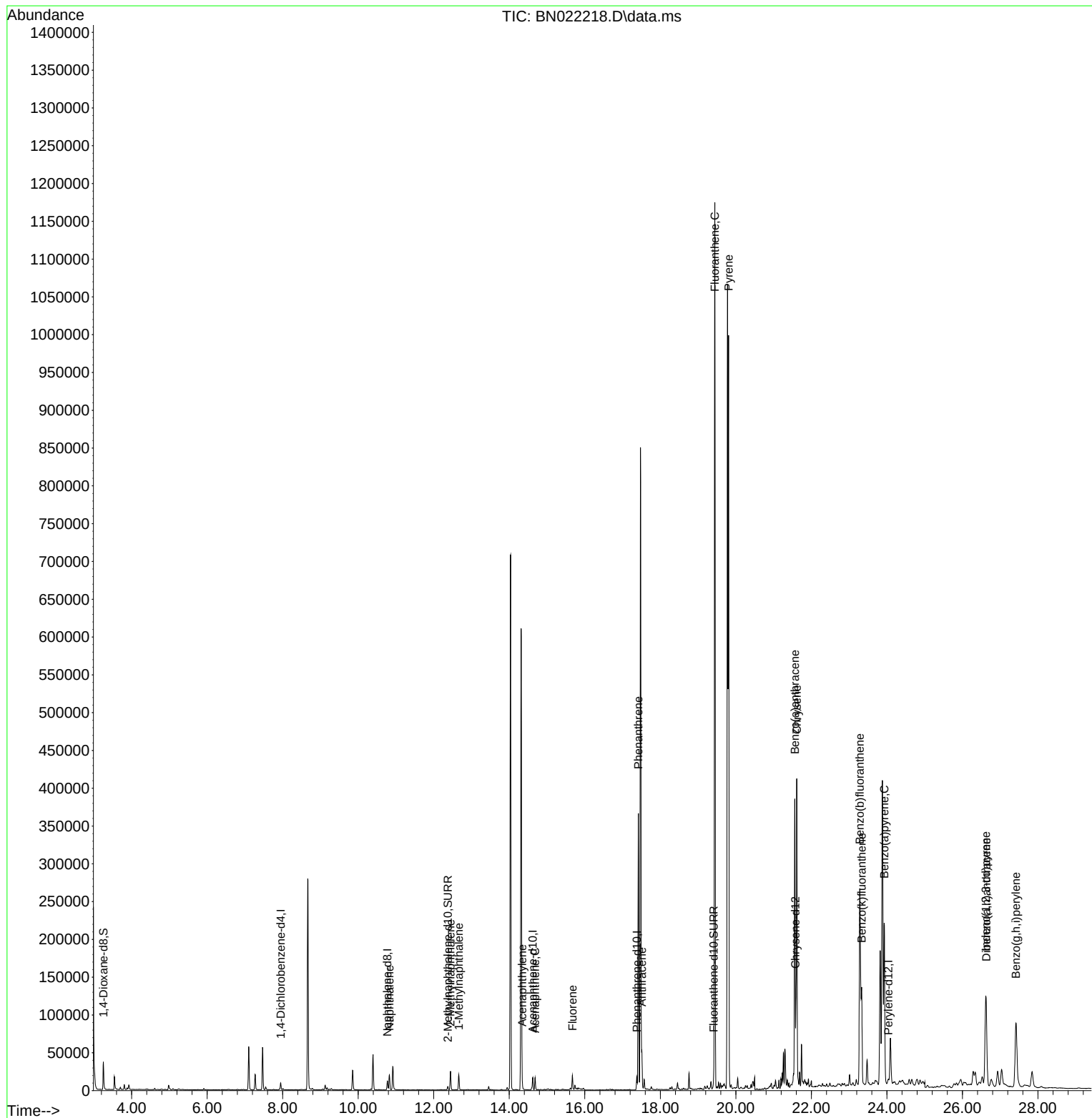
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102022\
Data File : BN022218.D
Acq On : 20 Oct 2022 05:04
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Sample : N5023-16
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ALS Vial : 24 Sample Multiplier: 1

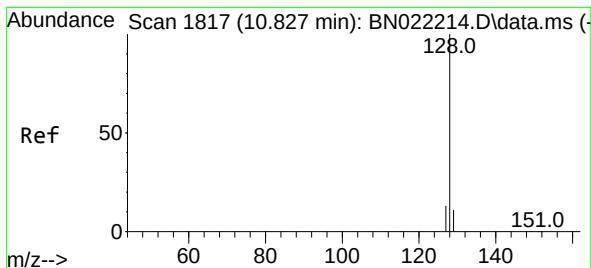
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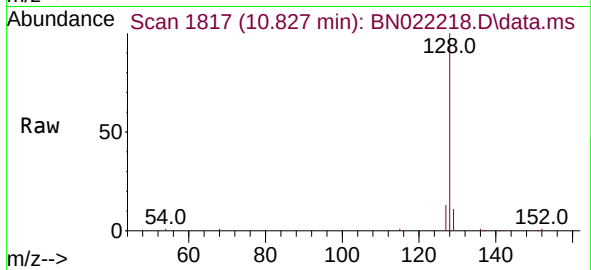
Quant Time: Oct 20 05:40:23 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 19 23:32:34 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.586 ng/ul
RT: 10.827 min Scan# 1817
Delta R.T. -0.004 min
Lab File: BN022218.D
Acq: 20 Oct 2022 05:04

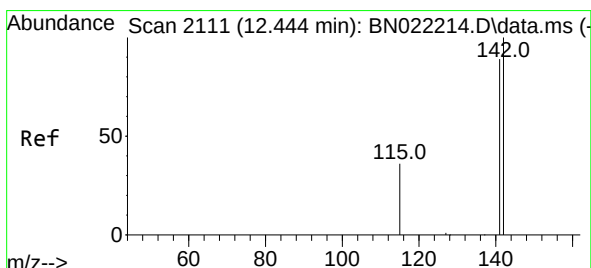
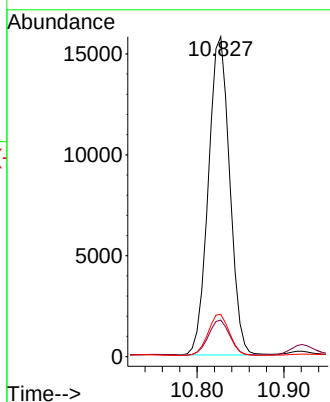
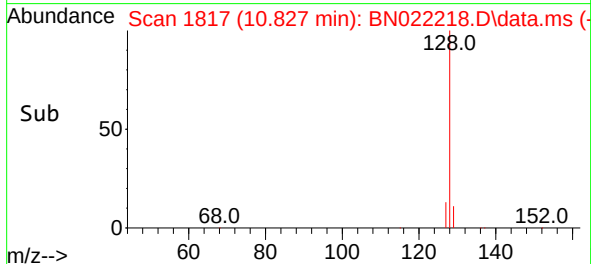
Instrument :
BNA_N
ClientSampleId :
C0BC6



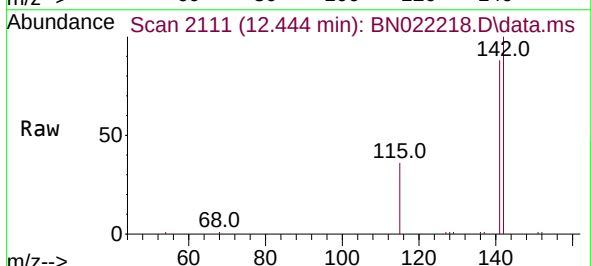
Tgt Ion:128 Resp: 26927
Ion Ratio Lower Upper
128 100
129 11.4 9.3 13.9
127 13.2 10.7 16.1

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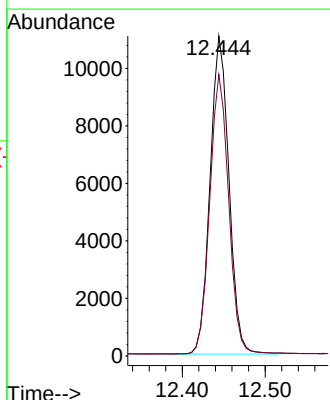
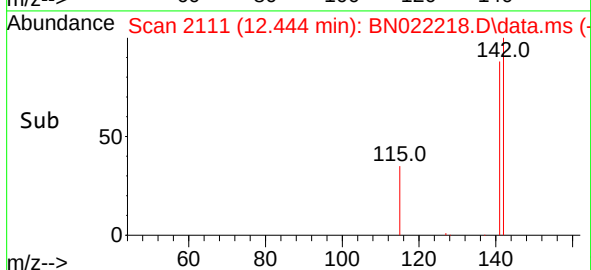
Reviewed By :Jagrut Upadhyay 10/20/2022
Supervised By :mohammad ahmed 10/21/2022

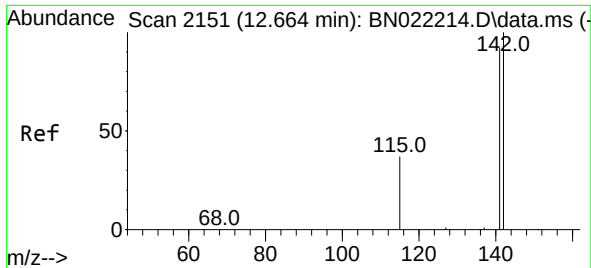


#7
2-Methylnaphthalene
Concen: 0.606 ng/ul
RT: 12.444 min Scan# 2111
Delta R.T. -0.004 min
Lab File: BN022218.D
Acq: 20 Oct 2022 05:04



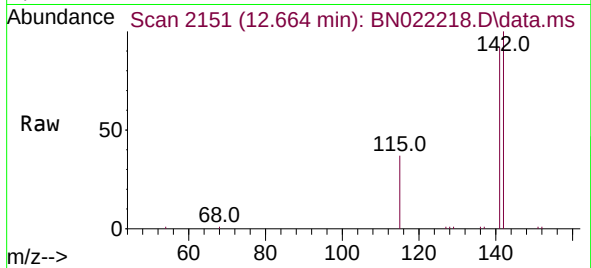
Tgt Ion:142 Resp: 17537
Ion Ratio Lower Upper
142 100
141 88.1 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.463 ng/ul
RT: 12.664 min Scan# 2151
Delta R.T. -0.004 min
Lab File: BN022218.D
Acq: 20 Oct 2022 05:04

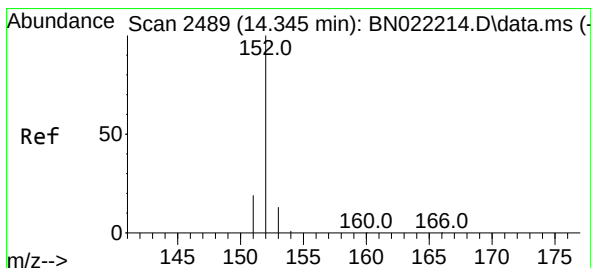
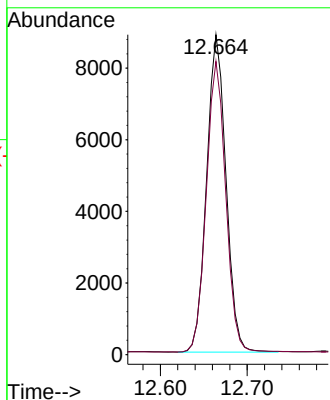
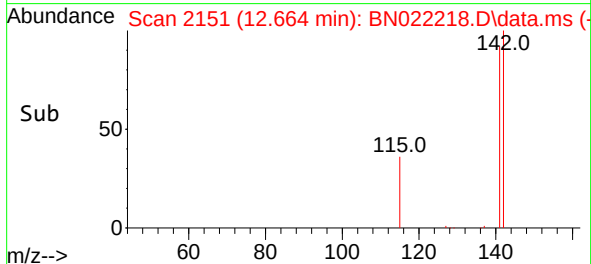
Instrument :
BNA_N
ClientSampleId :
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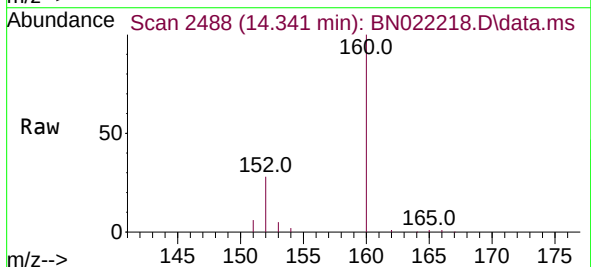
Tgt Ion:142 Resp: 13782
Ion Ratio Lower Upper
142 100
141 91.8 73.3 109.9

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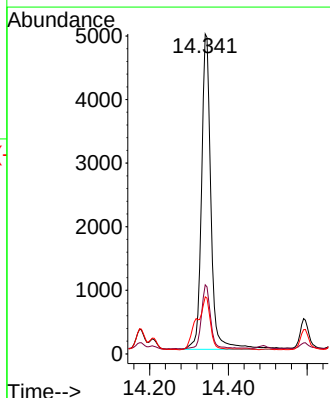
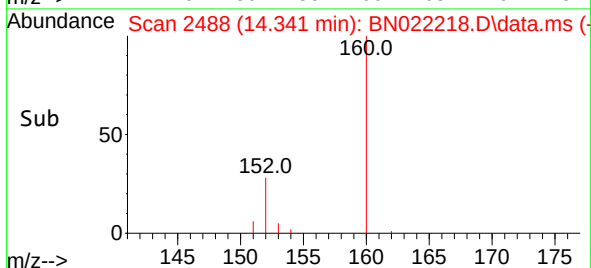
Reviewed By :Jagrut Upadhyay 10/20/2022
Supervised By :mohammad ahmed 10/21/2022

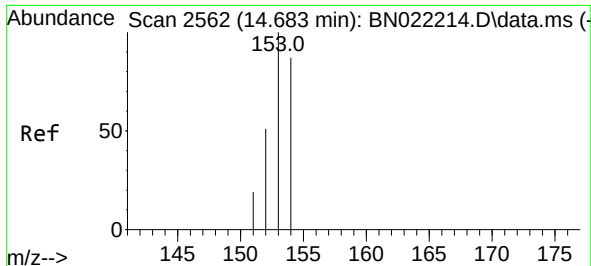


#10
Acenaphthylene
Concen: 0.204 ng/ul
RT: 14.341 min Scan# 2488
Delta R.T. -0.008 min
Lab File: BN022218.D
Acq: 20 Oct 2022 05:04



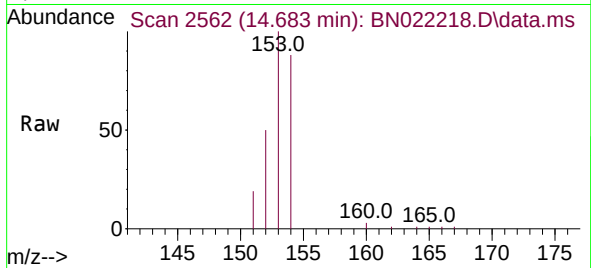
Tgt Ion:152 Resp: 8228
Ion Ratio Lower Upper
152 100
151 21.6 15.9 23.9
153 17.8 10.8 16.2#





#11
Acenaphthene
Concen: 0.276 ng/ul
RT: 14.683 min Scan# 2562
Delta R.T. -0.003 min
Lab File: BN022218.D
Acq: 20 Oct 2022 05:04

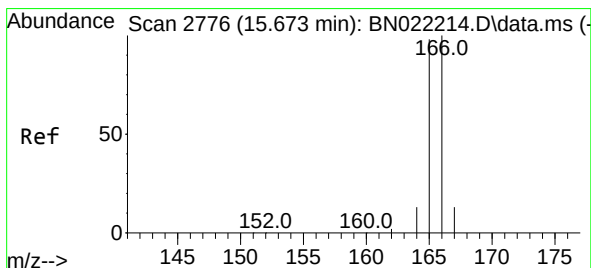
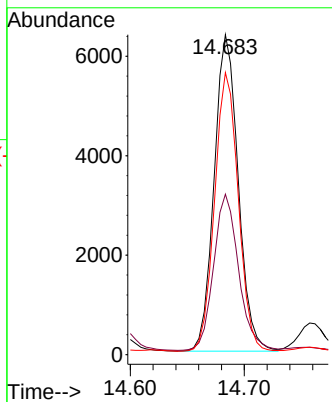
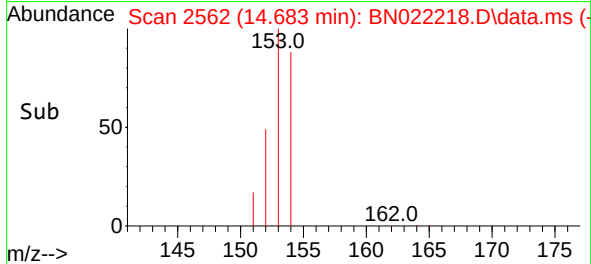
Instrument :
BNA_N
ClientSampleId :
C0BC6



Tgt Ion:153 Resp: 9360
Ion Ratio Lower Upper
153 100
152 50.1 40.6 61.0
154 88.1 70.6 106.0

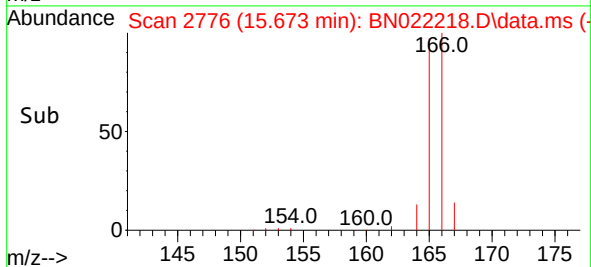
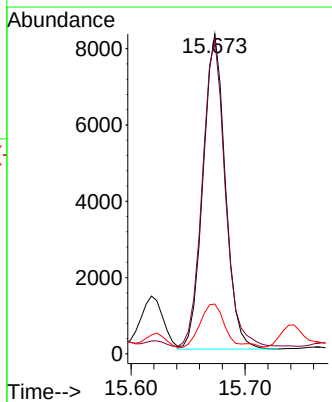
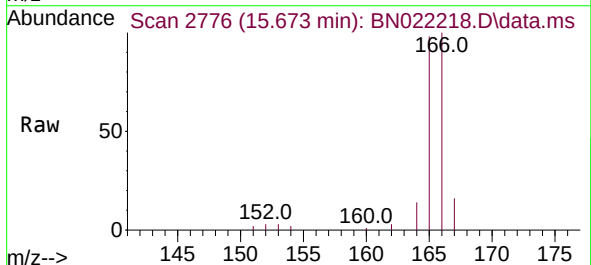
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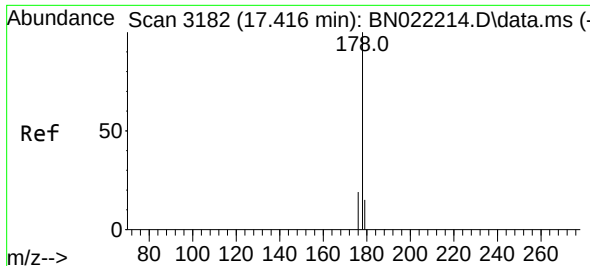
Reviewed By :Jagrut Upadhyay 10/20/2022
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#12
Fluorene
Concen: 0.283 ng/ul
RT: 15.673 min Scan# 2776
Delta R.T. -0.003 min
Lab File: BN022218.D
Acq: 20 Oct 2022 05:04

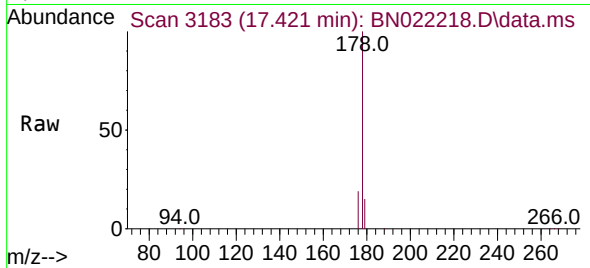
Tgt Ion:166 Resp: 11181
Ion Ratio Lower Upper
166 100
165 98.4 78.2 117.2
167 15.6 11.0 16.4





#15
Phenanthrene
Concen: 6.199 ng/ul
RT: 17.421 min Scan# 3183
Delta R.T. -0.003 min
Lab File: BN022218.D
Acq: 20 Oct 2022 05:04

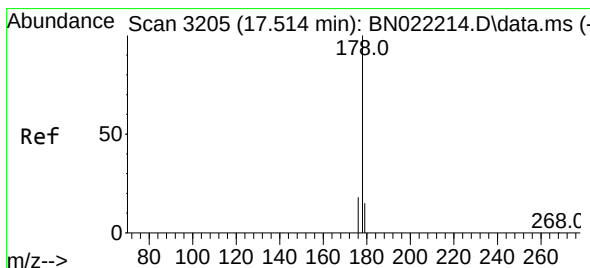
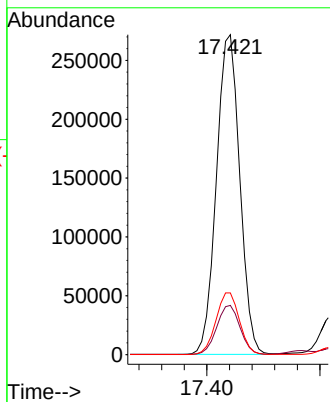
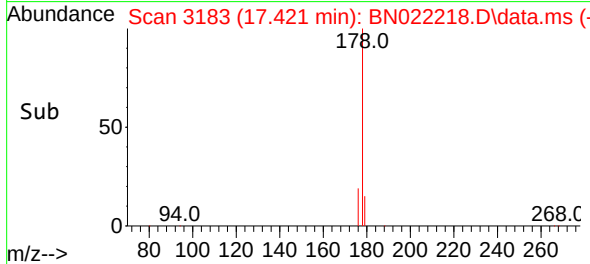
Instrument :
BNA_N
ClientSampleId :
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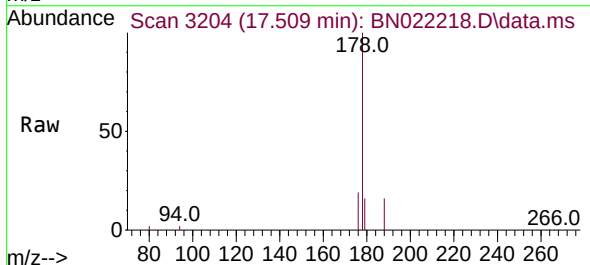
Tgt Ion:178 Resp: 389464
Ion Ratio Lower Upper
178 100
179 15.4 12.7 19.1
176 19.3 15.4 23.2

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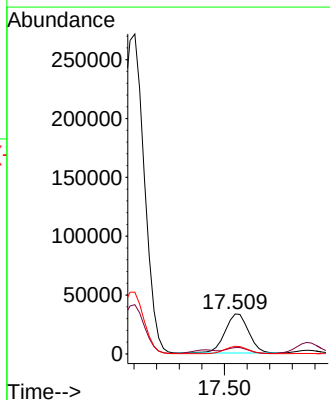
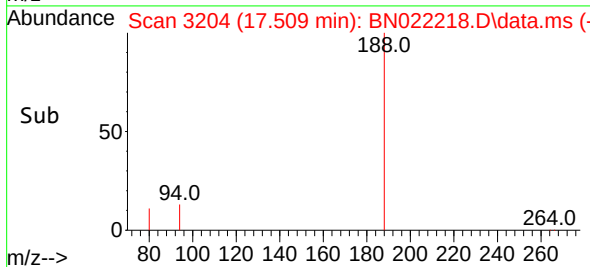
Reviewed By :Jagrut Upadhyay 10/20/2022
Supervised By :mohammad ahmed 10/21/2022

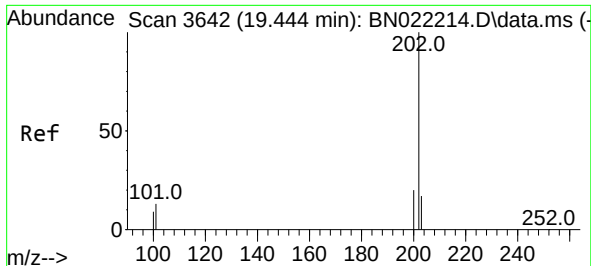


#16
Anthracene
Concen: 0.912 ng/ul
RT: 17.509 min Scan# 3204
Delta R.T. -0.007 min
Lab File: BN022218.D
Acq: 20 Oct 2022 05:04



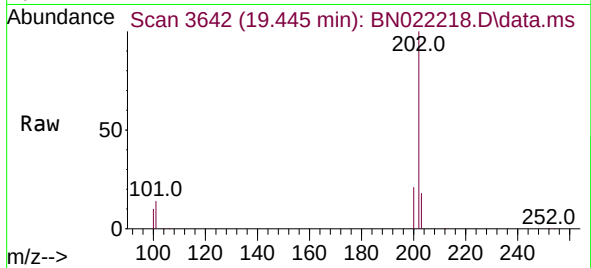
Tgt Ion:178 Resp: 48297
Ion Ratio Lower Upper
178 100
179 15.8 12.6 18.8
176 19.0 15.0 22.6





#19
Fluoranthene
Concen: 17.398 ng/ul
RT: 19.445 min Scan# 3642
Delta R.T. 0.001 min
Lab File: BN022218.D
Acq: 20 Oct 2022 05:04

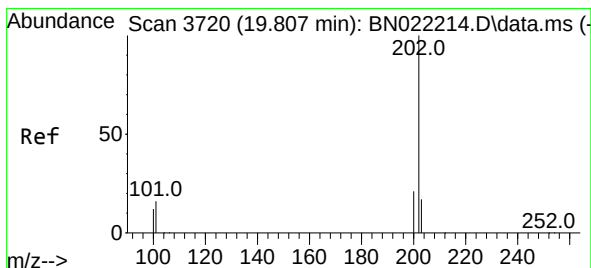
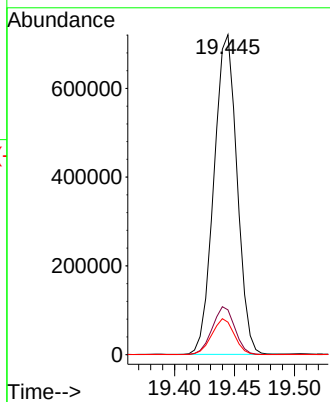
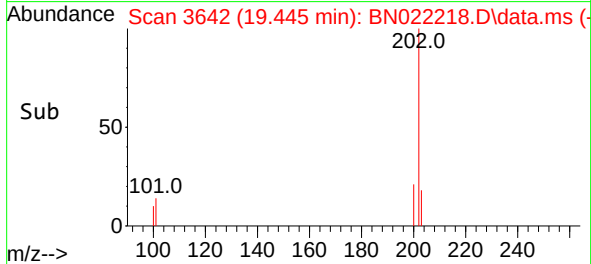
Instrument :
BNA_N
ClientSampleId :
C0BC6



Tgt Ion:202 Resp: 965654
Ion Ratio Lower Upper
202 100
101 14.0 11.8 17.6
100 10.1 8.7 13.1

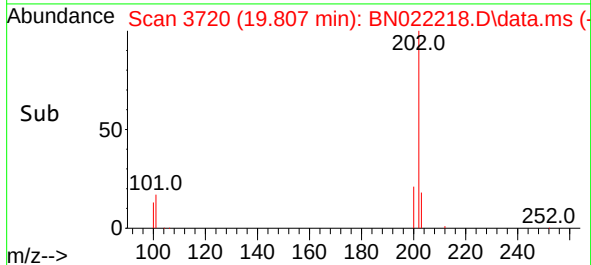
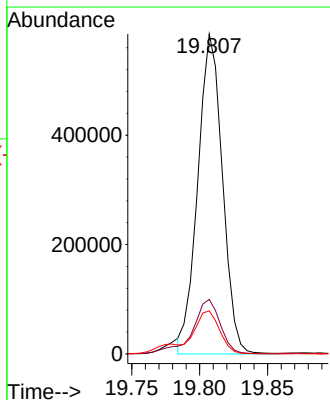
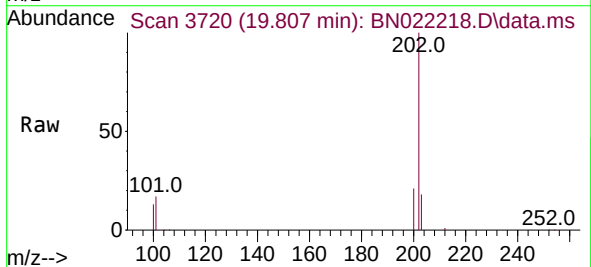
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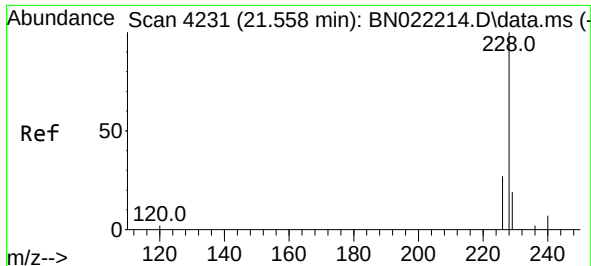
Reviewed By :Jagrut Upadhyay 10/20/2022
Supervised By :mohammad ahmed 10/21/2022



#20
Pyrene
Concen: 13.247 ng/ul m
RT: 19.807 min Scan# 3720
Delta R.T. -0.003 min
Lab File: BN022218.D
Acq: 20 Oct 2022 05:04

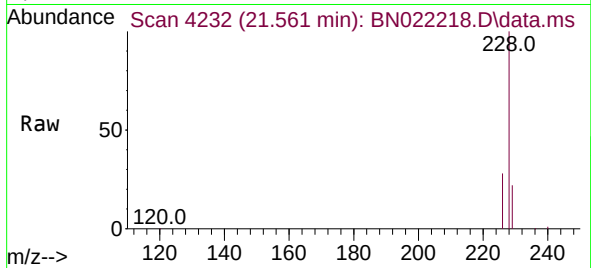
Tgt Ion:202 Resp: 738654
Ion Ratio Lower Upper
202 100
101 17.0 13.1 19.7
100 13.4 10.6 16.0





#21
Benzo(a)anthracene
Concen: 7.343 ng/ul
RT: 21.561 min Scan# 4231
Delta R.T. -0.006 min
Lab File: BN022218.D
Acq: 20 Oct 2022 05:04

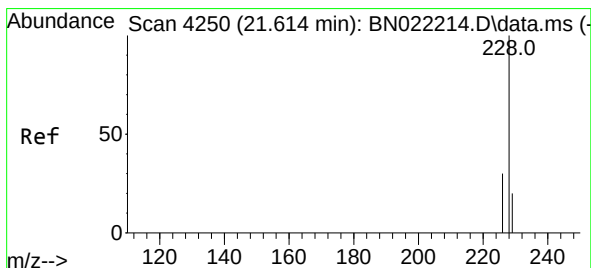
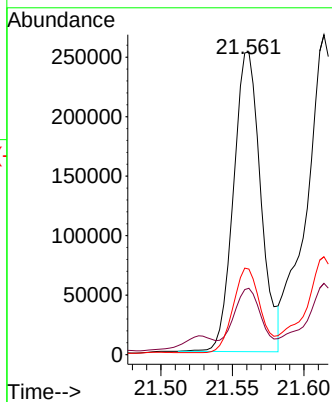
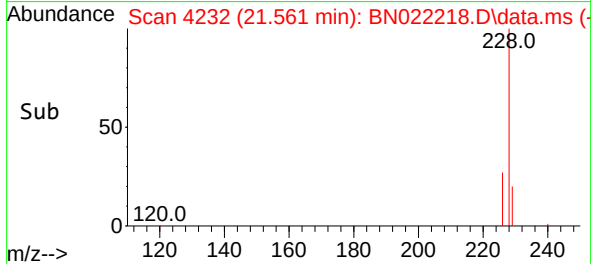
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Tgt Ion:228 Resp: 333415
Ion Ratio Lower Upper
228 100
229 21.9 15.7 23.5
226 28.3 21.5 32.3

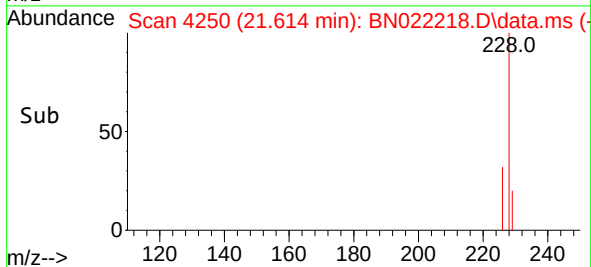
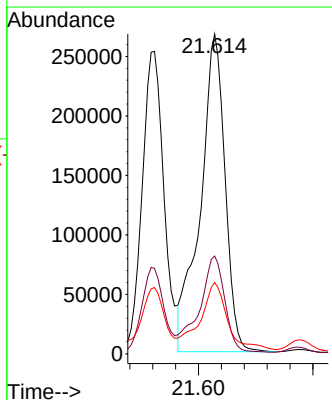
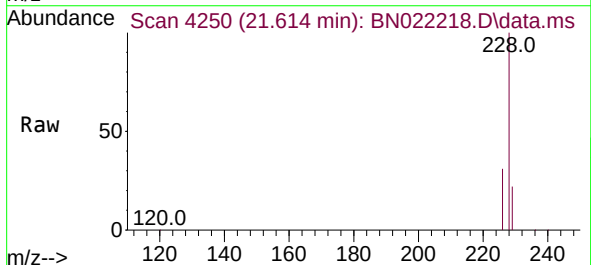
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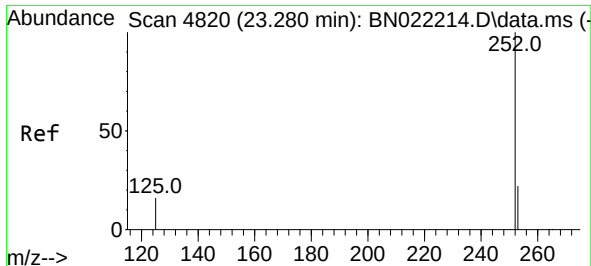
Reviewed By :Jagrut Upadhyay 10/20/2022
Supervised By :mohammad ahmed 10/21/2022



#22
Chrysene
Concen: 8.338 ng/ul
RT: 21.614 min Scan# 4250
Delta R.T. -0.006 min
Lab File: BN022218.D
Acq: 20 Oct 2022 05:04

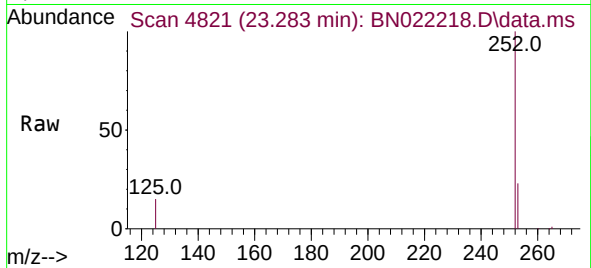
Tgt Ion:228 Resp: 401274
Ion Ratio Lower Upper
228 100
226 30.6 23.9 35.9
229 22.3 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 9.278 ng/ul m
RT: 23.283 min Scan# 4820
Delta R.T. -0.006 min
Lab File: BN022218.D
Acq: 20 Oct 2022 05:04

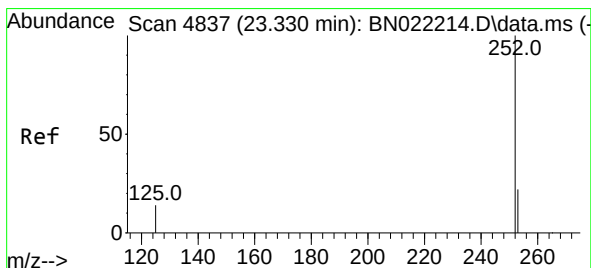
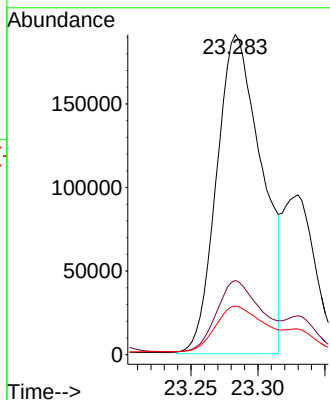
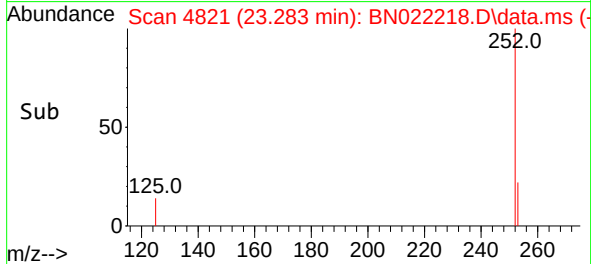
Instrument :
BNA_N
ClientSampleId :
C0BC6



Tgt Ion:252 Resp: 446814
Ion Ratio Lower Upper
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253 23.2 0.0 49.0
125 15.1 0.0 35.2

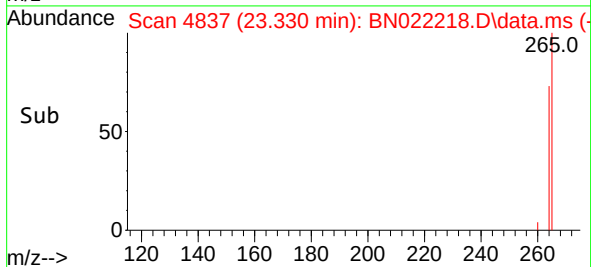
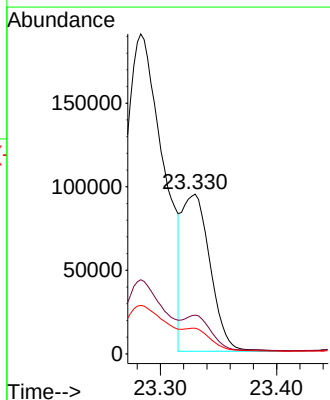
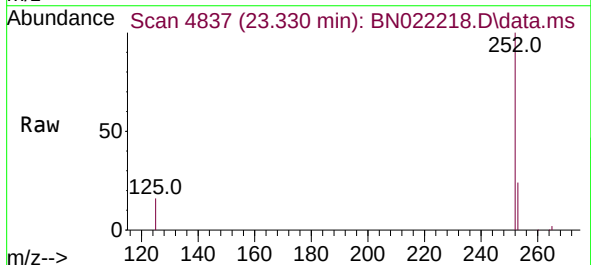
Manual Integrations
APPROVED

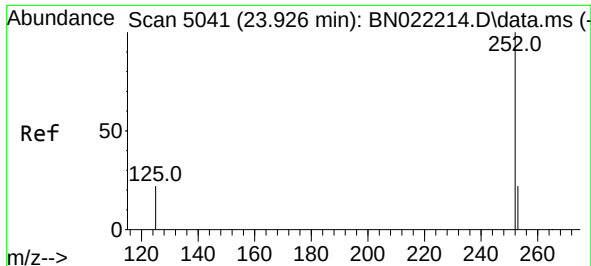
Reviewed By :Jagrut Upadhyay 10/20/2022
Supervised By :mohammad ahmed 10/21/2022



#25
Benzo(k)fluoranthene
Concen: 3.360 ng/ul m
RT: 23.330 min Scan# 4837
Delta R.T. -0.009 min
Lab File: BN022218.D
Acq: 20 Oct 2022 05:04

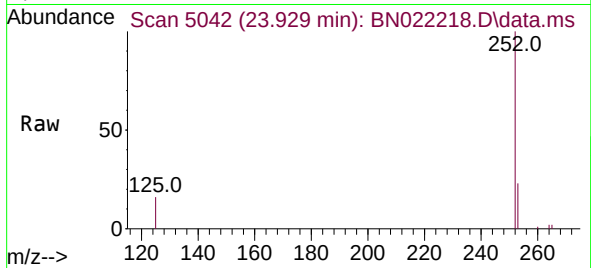
Tgt Ion:252 Resp: 157336
Ion Ratio Lower Upper
252 100
253 24.2 19.7 29.5
125 16.1 14.0 21.0





#26
Benzo(a)pyrene
Concen: 8.095 ng/ul
RT: 23.929 min Scan# 5042
Delta R.T. -0.006 min
Lab File: BN022218.D
Acq: 20 Oct 2022 05:04

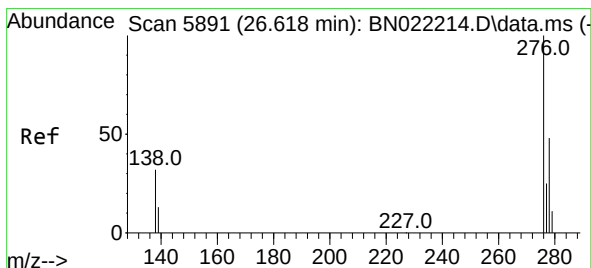
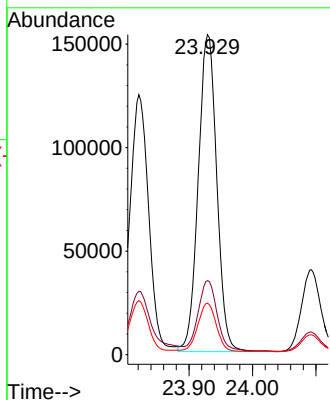
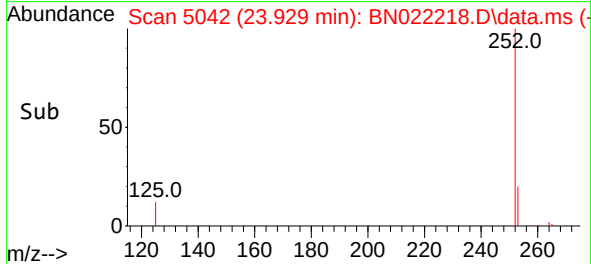
Instrument :
BNA_N
ClientSampleId :
C0BC6



Tgt Ion:252 Resp: 310806
Ion Ratio Lower Upper
252 100
253 23.1 21.0 31.6
125 16.1 17.9 26.9

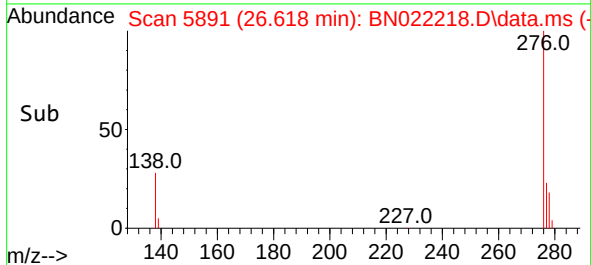
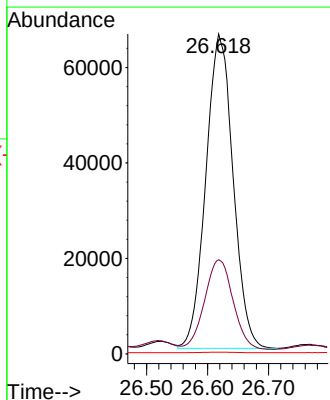
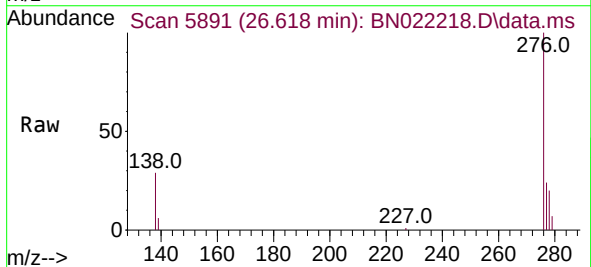
Manual Integrations
APPROVED

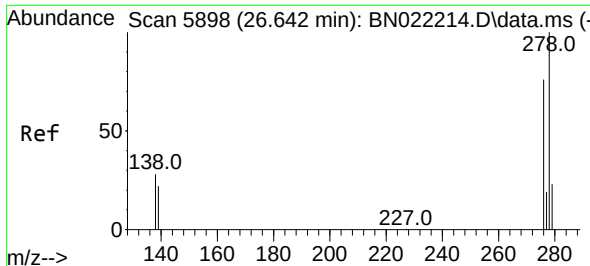
Reviewed By :Jagrut Upadhyay 10/20/2022
Supervised By :mohammad ahmed 10/21/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 4.282 ng/ul
RT: 26.618 min Scan# 5891
Delta R.T. -0.017 min
Lab File: BN022218.D
Acq: 20 Oct 2022 05:04

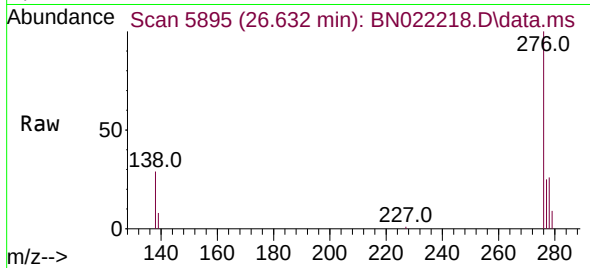
Tgt Ion:276 Resp: 204357
Ion Ratio Lower Upper
276 100
138 29.7 27.7 41.5
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 1.397 ng/ul
RT: 26.632 min Scan# 5898
Delta R.T. -0.024 min
Lab File: BN022218.D
Acq: 20 Oct 2022 05:04

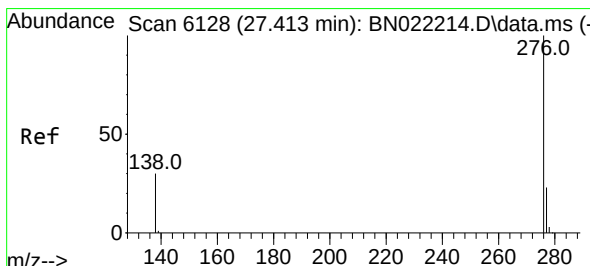
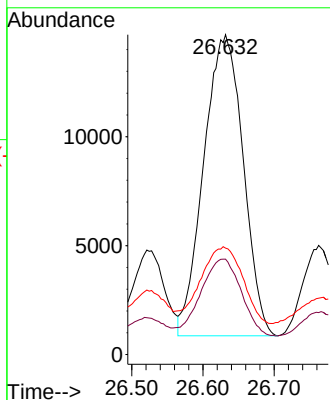
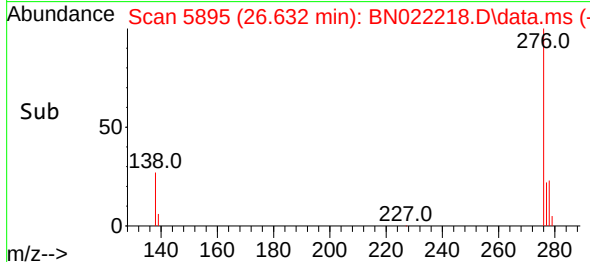
Instrument :
BNA_N
ClientSampleId :
C0BC6



Tgt Ion:278 Resp: 53254
Ion Ratio Lower Upper
278 100
139 29.8 19.6 29.4
279 33.3 20.6 30.8

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 4.963 ng/ul
RT: 27.416 min Scan# 6129
Delta R.T. -0.014 min
Lab File: BN022218.D
Acq: 20 Oct 2022 05:04

Tgt Ion:276 Resp: 192977
Ion Ratio Lower Upper
276 100
138 30.7 25.2 37.8
277 24.6 19.9 29.9

