

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102022\
 Data File : BN022217.D
 Acq On : 20 Oct 2022 04:28
 Operator : CG/JU
 Sample : N5023-15DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BC5DL

Manual Integrations
 APPROVED

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

Quant Time: Oct 20 05:07:55 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	5417	0.400	ng/ul	0.00
4) Naphthalene-d8	10.772	136	18338	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.623	164	10555	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.374	188	21988	0.400	ng/ul	0.00
17) Chrysene-d12	21.576	240	16027	0.400	ng/ul	0.00
23) Perylene-d12	24.034	264	12534	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	4195	0.596	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.373	152	1063	0.038	ng/ul	0.00
18) Fluoranthene-d10	19.412	212	2445	0.045	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.827	128	18545	0.342	ng/ul	100
7) 2-Methylnaphthalene	12.444	142	12028	0.352	ng/ul	99
8) 1-Methylnaphthalene	12.664	142	9020	0.257	ng/ul	99
10) Acenaphthylene	14.341	152	2468	0.052	ng/ul#	83
11) Acenaphthene	14.683	153	9515	0.238	ng/ul	99
12) Fluorene	15.673	166	10449	0.225	ng/ul	98
15) Phenanthrene	17.417	178	242784	3.289	ng/ul	99
16) Anthracene	17.509	178	54864	0.882	ng/ul	100
19) Fluoranthene	19.440	202	606628	8.264	ng/ul	100
20) Pyrene	19.807	202	472315m	6.404	ng/ul	
21) Benzo(a)anthracene	21.559	228	199115	3.316	ng/ul	98
22) Chrysene	21.611	228	234445	3.683	ng/ul	98
24) Benzo(b)fluoranthene	23.280	252	246551m	3.917	ng/ul	
25) Benzo(k)fluoranthene	23.327	252	93731m	1.531	ng/ul	
26) Benzo(a)pyrene	23.926	252	151559	3.020	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.615	276	93276	1.495	ng/ul	91
28) Dibenzo(a,h)anthracene	26.632	278	24025	0.482	ng/ul#	90
29) Benzo(g,h,i)perylene	27.417	276	81219	1.598	ng/ul	99

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

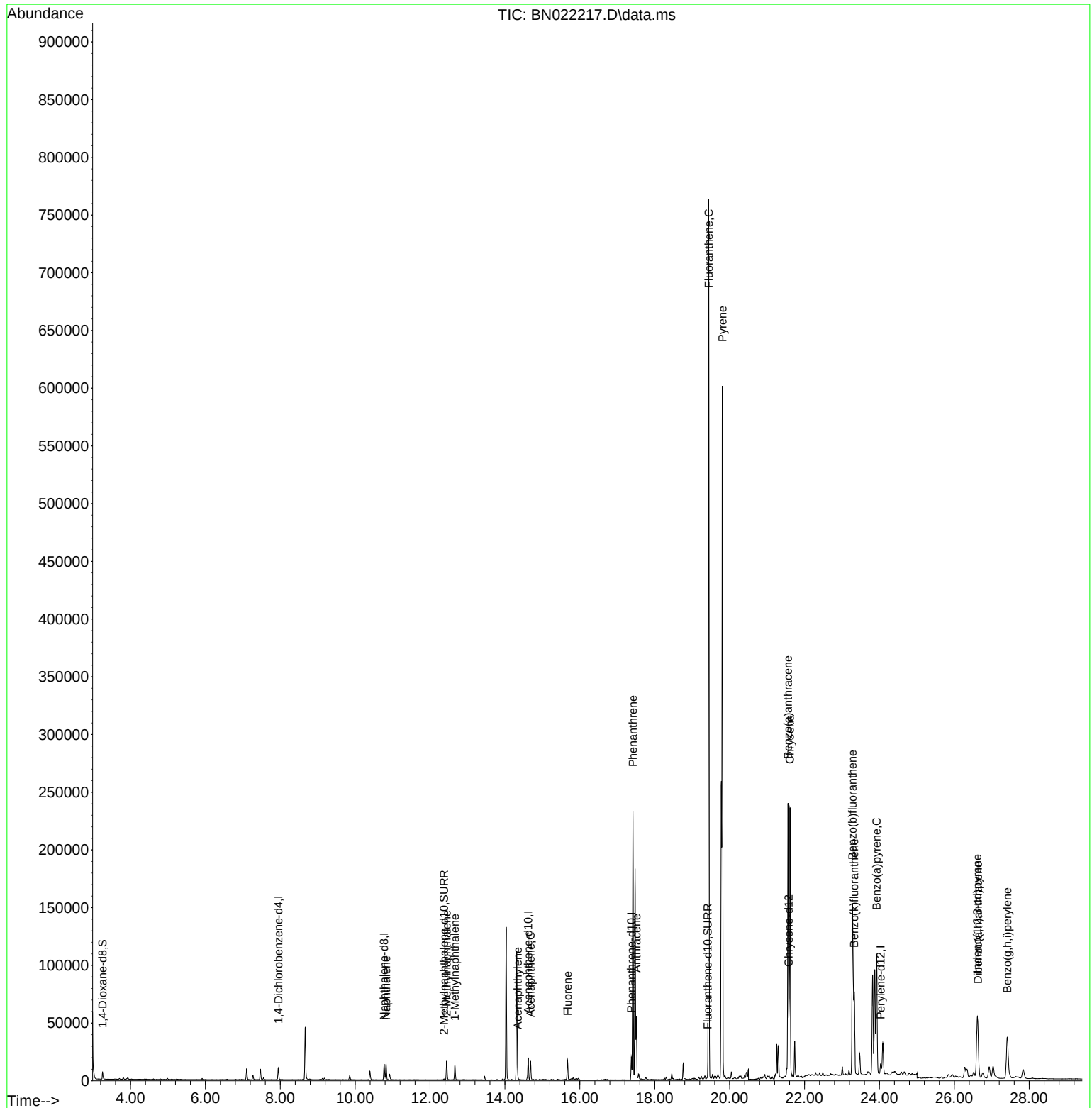
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102022\
Data File : BN022217.D
Acq On : 20 Oct 2022 04:28
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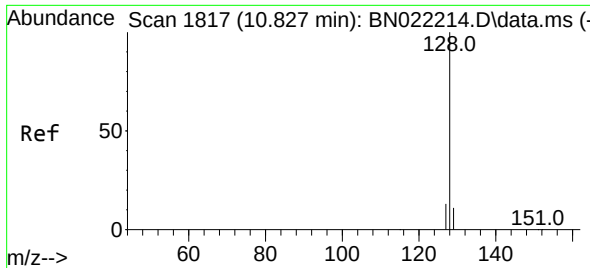
Instrument :
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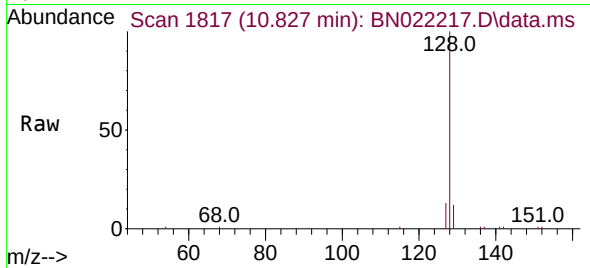
Quant Time: Oct 20 05:07:55 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 19 23:32:34 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.342 ng/ul
RT: 10.827 min Scan# 1817
Delta R.T. -0.004 min
Lab File: BN022217.D
Acq: 20 Oct 2022 04:28

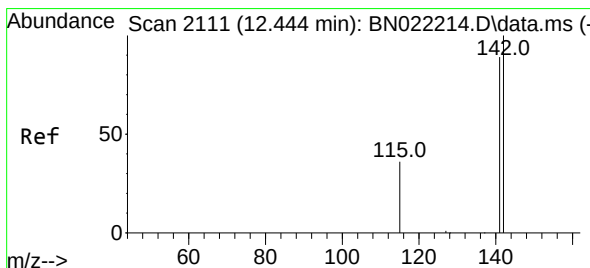
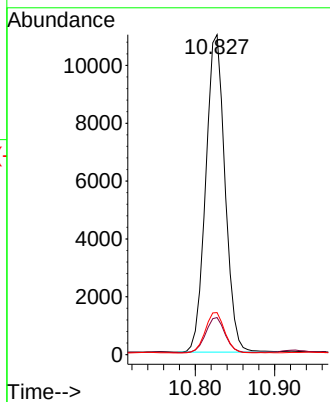
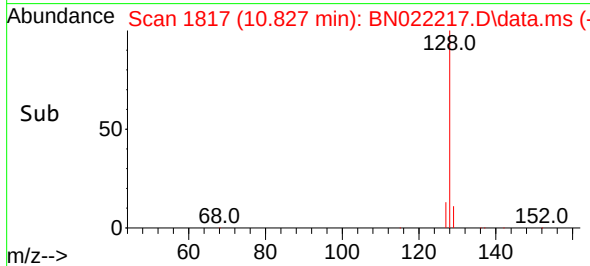
Instrument :
BNA_N
ClientSampleId :
C0BC5DL



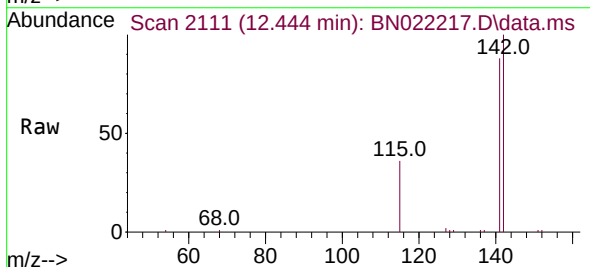
Tgt Ion:128 Resp: 18545
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 13.1 10.7 16.1

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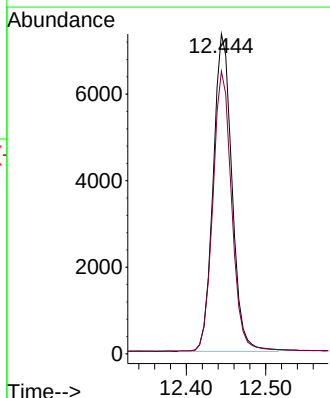
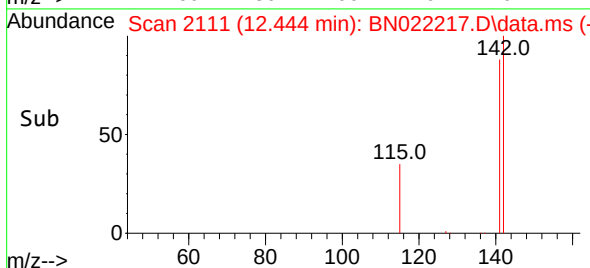
Reviewed By :Jagrut Upadhyay 10/20/2022
Supervised By :mohammad ahmed 10/21/2022

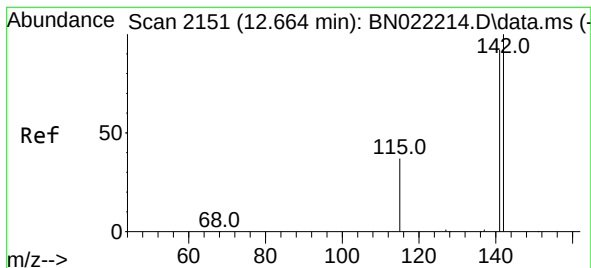


#7
2-Methylnaphthalene
Concen: 0.352 ng/ul
RT: 12.444 min Scan# 2111
Delta R.T. -0.004 min
Lab File: BN022217.D
Acq: 20 Oct 2022 04:28



Tgt Ion:142 Resp: 12028
Ion Ratio Lower Upper
142 100
141 88.3 71.1 106.7





#8

1-Methylnaphthalene

Concen: 0.257 ng/ul

RT: 12.664 min Scan# 2151

Delta R.T. -0.004 min

Lab File: BN022217.D

Acq: 20 Oct 2022 04:28

Instrument :

BNA_N

ClientSampleId :

C0BC5DL

Tgt Ion:142 Resp: 9020

Ion Ratio Lower Upper

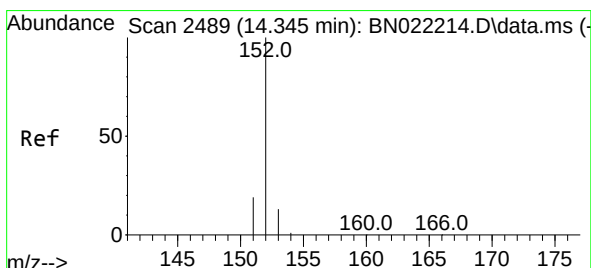
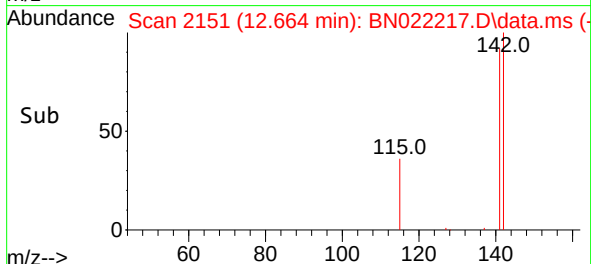
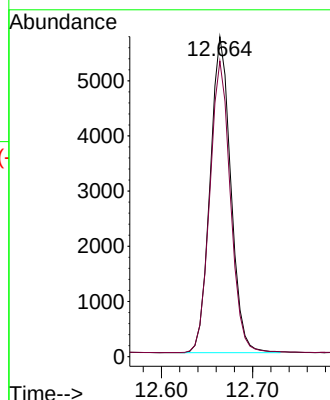
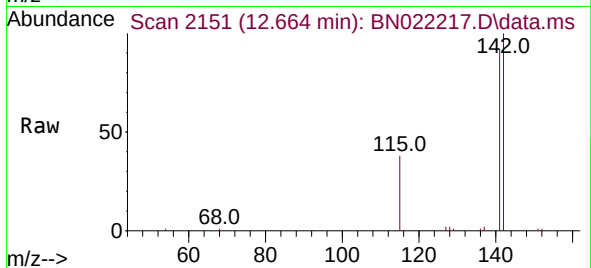
142 100

141 92.2 73.3 109.9

Manual Integrations

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#10

Acenaphthylene

Concen: 0.052 ng/ul

RT: 14.341 min Scan# 2488

Delta R.T. -0.008 min

Lab File: BN022217.D

Acq: 20 Oct 2022 04:28

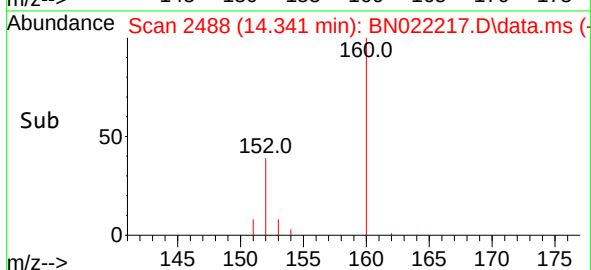
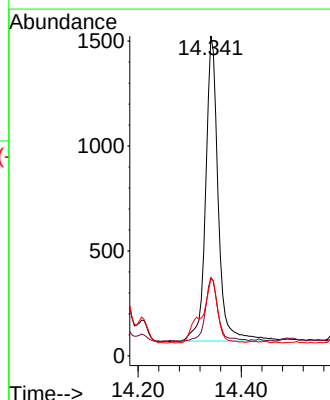
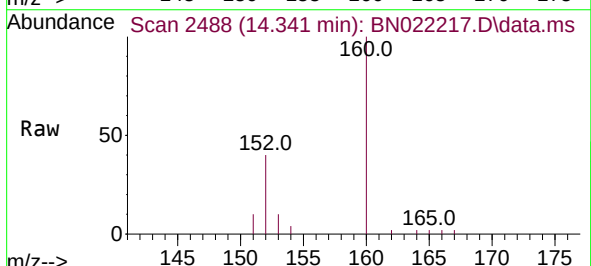
Tgt Ion:152 Resp: 2468

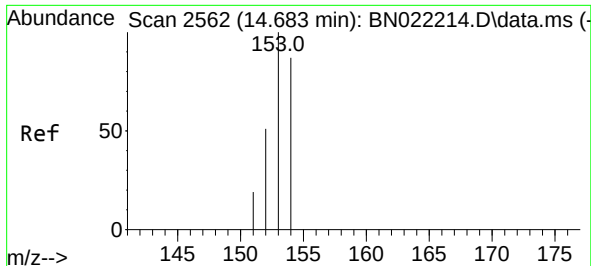
Ion Ratio Lower Upper

152 100

151 24.5 15.9 23.9#

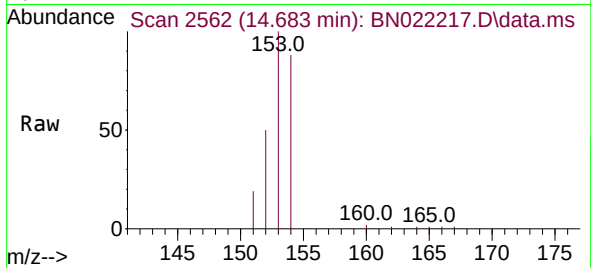
153 24.1 10.8 16.2#





#11
Acenaphthene
Concen: 0.238 ng/ul
RT: 14.683 min Scan# 2562
Delta R.T. -0.003 min
Lab File: BN022217.D
Acq: 20 Oct 2022 04:28

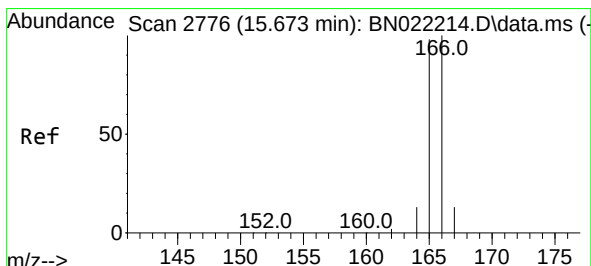
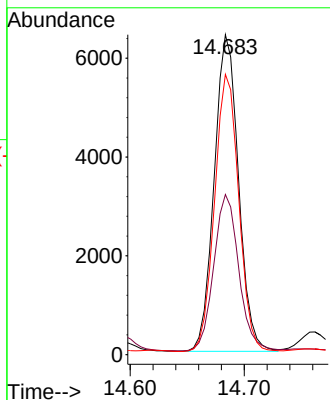
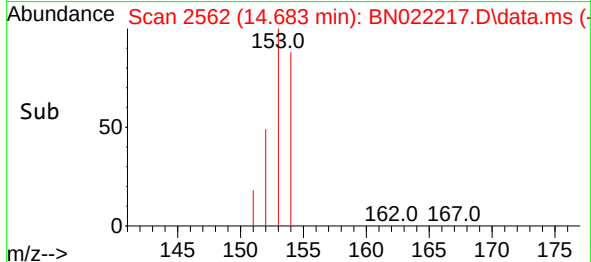
Instrument :
BNA_N
ClientSampleId :
C0BC5DL



Tgt Ion:153 Resp: 9515
Ion Ratio Lower Upper
153 100
152 50.0 40.6 61.0
154 87.6 70.6 106.0

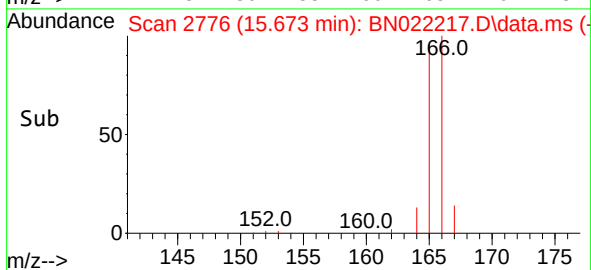
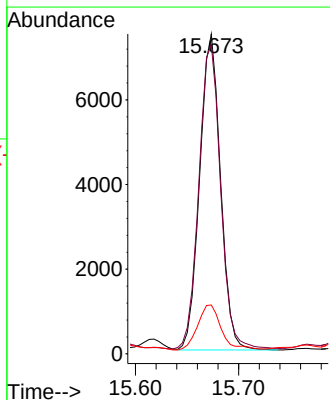
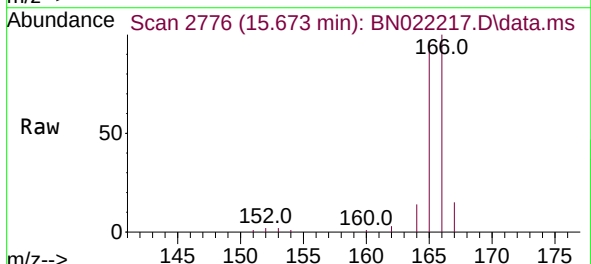
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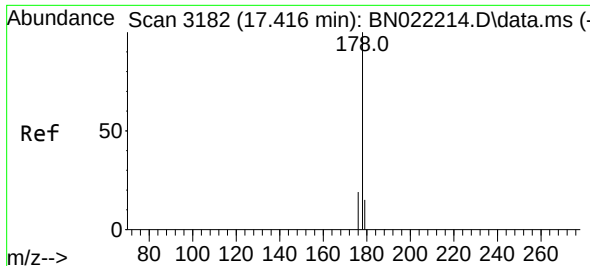
Reviewed By :Jagrut Upadhyay 10/20/2022
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#12
Fluorene
Concen: 0.225 ng/ul
RT: 15.673 min Scan# 2776
Delta R.T. -0.003 min
Lab File: BN022217.D
Acq: 20 Oct 2022 04:28

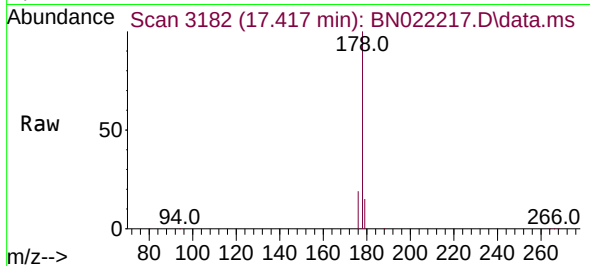
Tgt Ion:166 Resp: 10449
Ion Ratio Lower Upper
166 100
165 96.5 78.2 117.2
167 15.3 11.0 16.4





#15
Phenanthrene
Concen: 3.289 ng/ul
RT: 17.417 min Scan# 3182
Delta R.T. -0.007 min
Lab File: BN022217.D
Acq: 20 Oct 2022 04:28

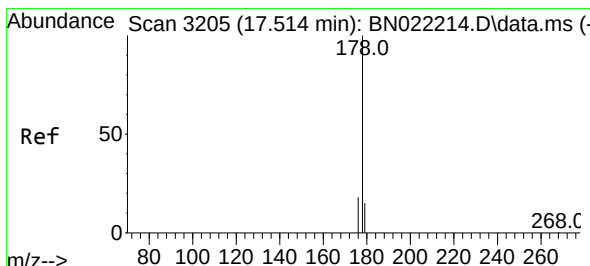
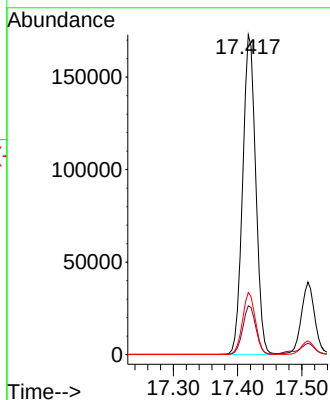
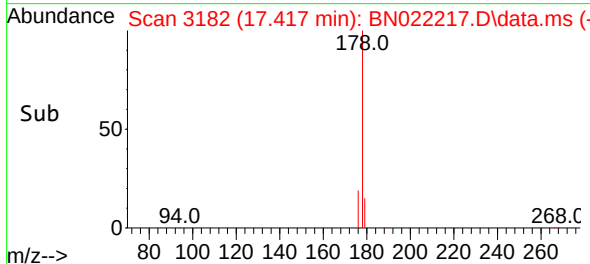
Instrument :
BNA_N
ClientSampleId :
C0BC5DL



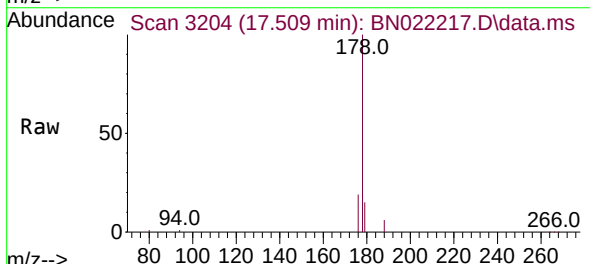
Tgt Ion:178 Resp: 242784
Ion Ratio Lower Upper
178 100
179 15.2 12.7 19.1
176 19.4 15.4 23.2

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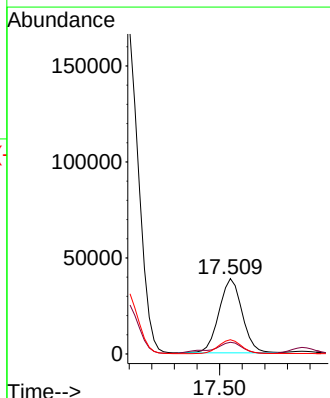
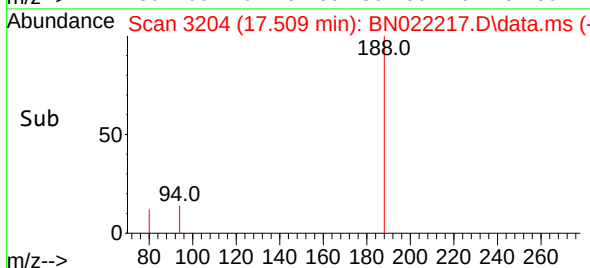
Reviewed By :Jagrut Upadhyay 10/20/2022
Supervised By :mohammad ahmed 10/21/2022

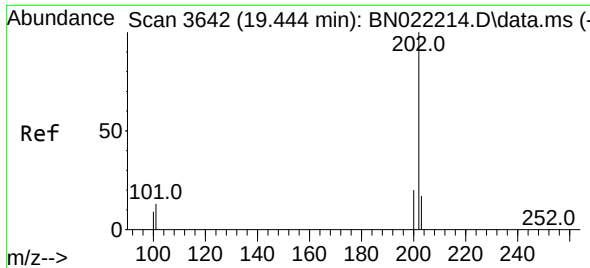


#16
Anthracene
Concen: 0.882 ng/ul
RT: 17.509 min Scan# 3204
Delta R.T. -0.007 min
Lab File: BN022217.D
Acq: 20 Oct 2022 04:28



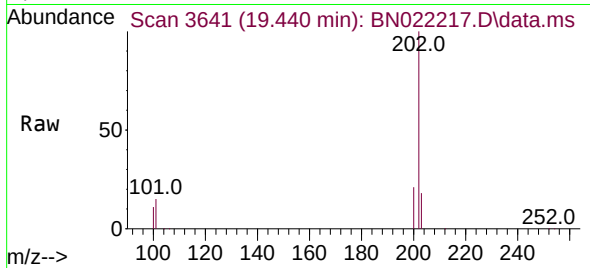
Tgt Ion:178 Resp: 54864
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 18.9 15.0 22.6





#19
Fluoranthene
Concen: 8.264 ng/ul
RT: 19.440 min Scan# 3642
Delta R.T. -0.003 min
Lab File: BN022217.D
Acq: 20 Oct 2022 04:28

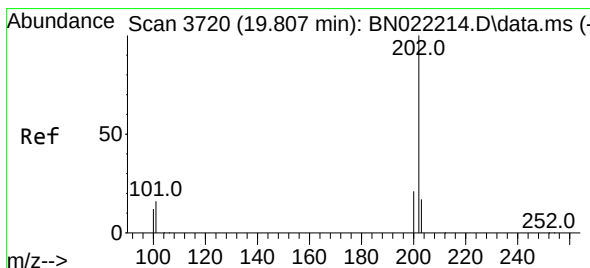
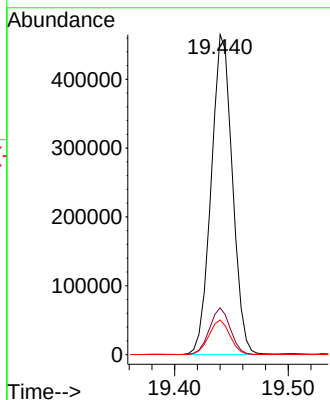
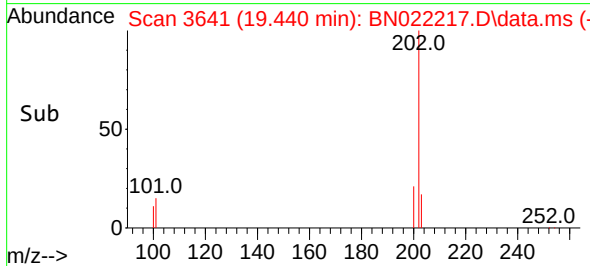
Instrument :
BNA_N
ClientSampleId :
C0BC5DL



Tgt Ion:202 Resp: 606628
Ion Ratio Lower Upper
202 100
101 14.6 11.8 17.6
100 10.8 8.7 13.1

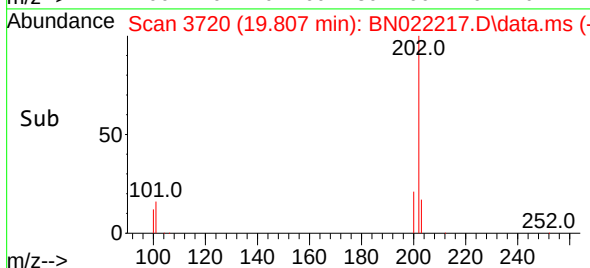
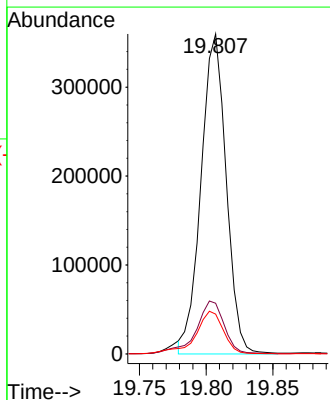
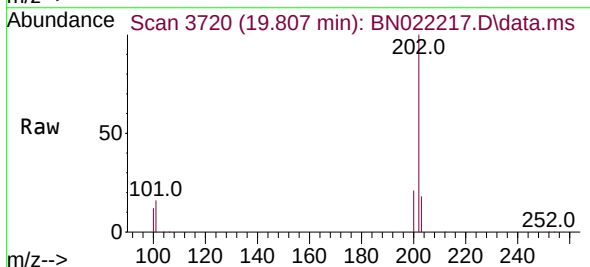
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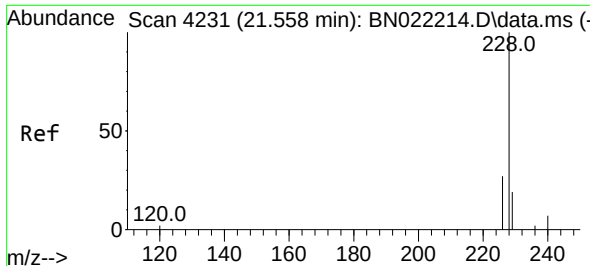
Reviewed By :Jagrut Upadhyay 10/20/2022
Supervised By :mohammad ahmed 10/21/2022



#20
Pyrene
Concen: 6.404 ng/ul m
RT: 19.807 min Scan# 3720
Delta R.T. -0.003 min
Lab File: BN022217.D
Acq: 20 Oct 2022 04:28

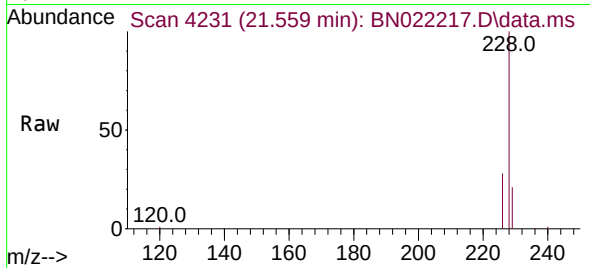
Tgt Ion:202 Resp: 472315
Ion Ratio Lower Upper
202 100
101 15.8 13.1 19.7
100 12.4 10.6 16.0





#21
Benzo(a)anthracene
Concen: 3.316 ng/ul
RT: 21.559 min Scan# 4231
Delta R.T. -0.009 min
Lab File: BN022217.D
Acq: 20 Oct 2022 04:28

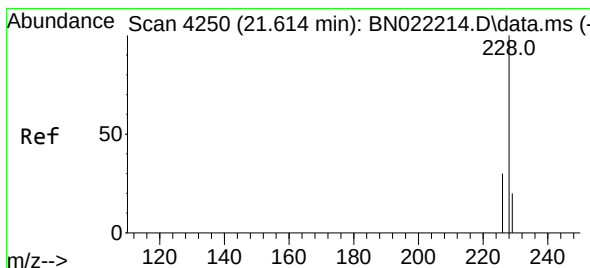
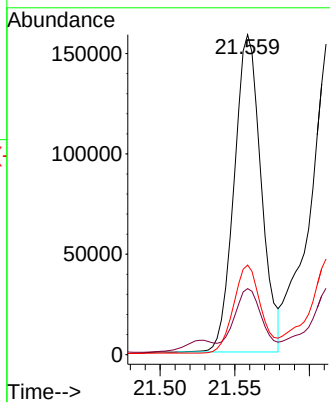
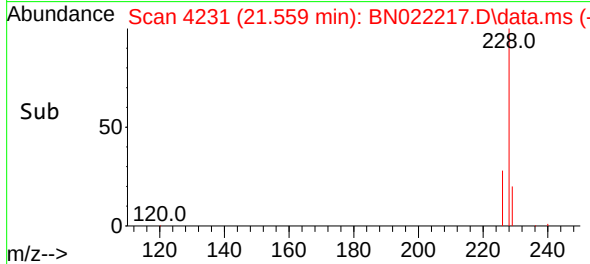
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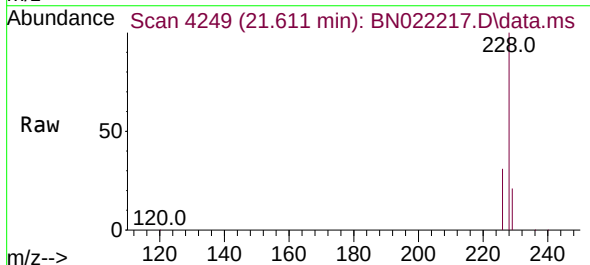
Tgt Ion:228 Resp: 199115
Ion Ratio Lower Upper
228 100
229 20.6 15.7 23.5
226 28.0 21.5 32.3

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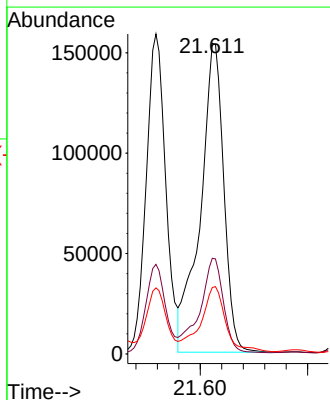
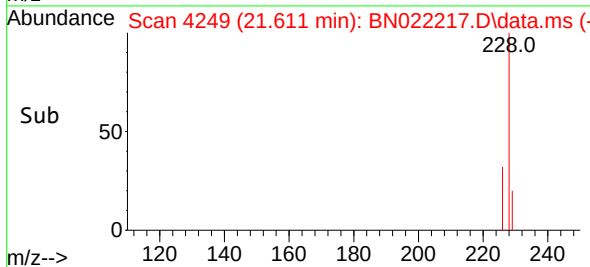
Reviewed By :Jagrut Upadhyay 10/20/2022
Supervised By :mohammad ahmed 10/21/2022

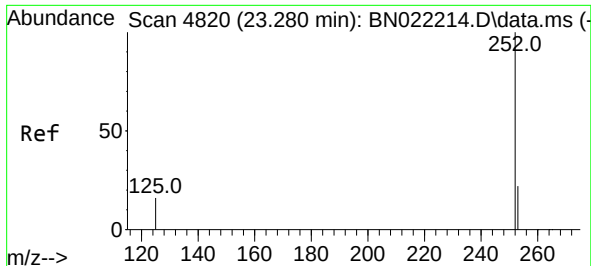


#22
Chrysene
Concen: 3.683 ng/ul
RT: 21.611 min Scan# 4249
Delta R.T. -0.009 min
Lab File: BN022217.D
Acq: 20 Oct 2022 04:28



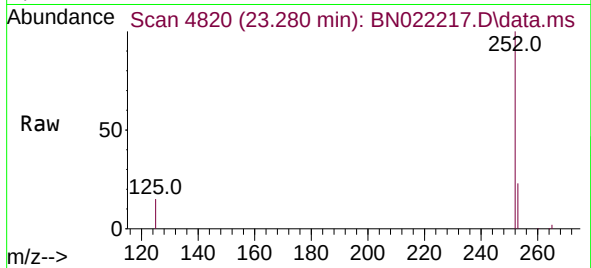
Tgt Ion:228 Resp: 234445
Ion Ratio Lower Upper
228 100
226 30.8 23.9 35.9
229 21.4 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 3.917 ng/ul m
RT: 23.280 min Scan# 4820
Delta R.T. -0.009 min
Lab File: BN022217.D
Acq: 20 Oct 2022 04:28

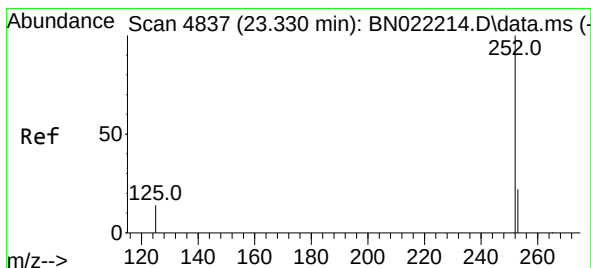
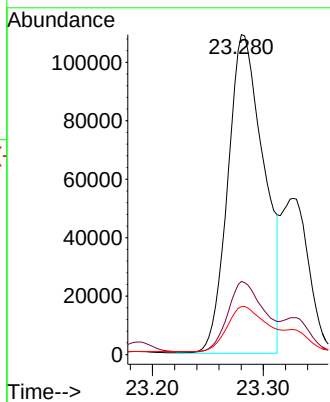
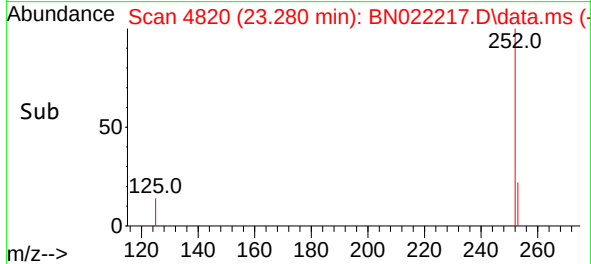
Instrument :
BNA_N
ClientSampleId :
C0BC5DL



Tgt Ion:252 Resp: 24655
Ion Ratio Lower Upper
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253 22.9 0.0 49.0
125 15.0 0.0 35.2

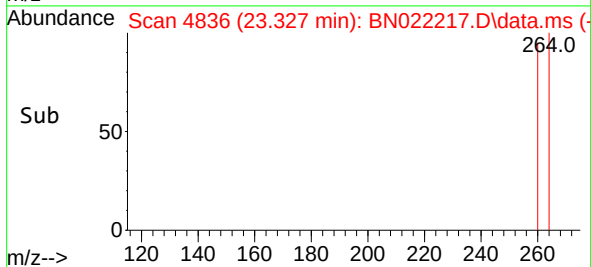
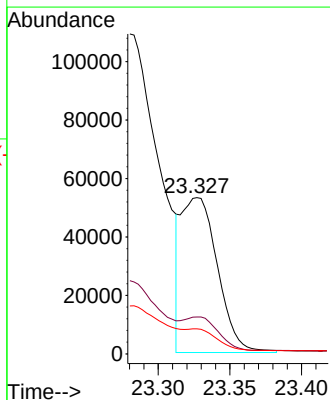
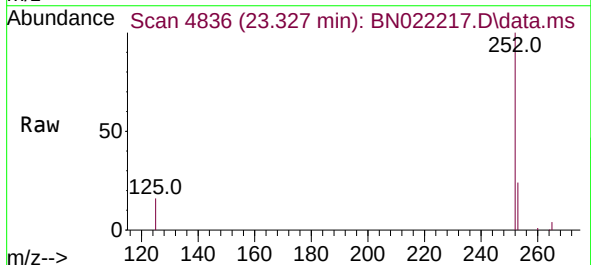
Manual Integrations
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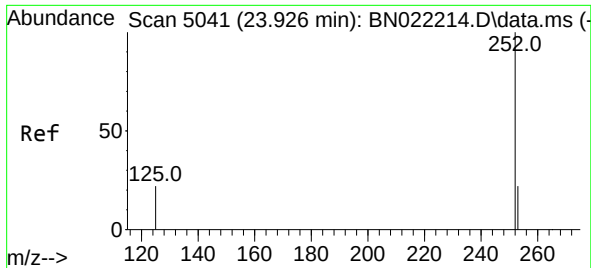
Reviewed By :Jagrut Upadhyay 10/20/2022
Supervised By :mohammad ahmed 10/21/2022



#25
Benzo(k)fluoranthene
Concen: 1.531 ng/ul m
RT: 23.327 min Scan# 4836
Delta R.T. -0.012 min
Lab File: BN022217.D
Acq: 20 Oct 2022 04:28

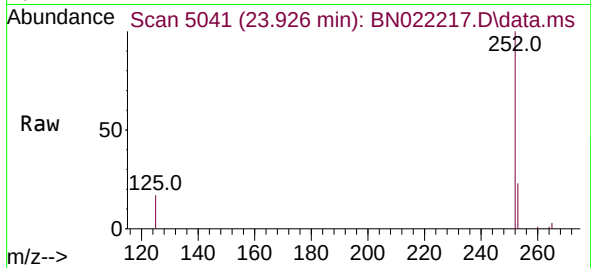
Tgt Ion:252 Resp: 93731
Ion Ratio Lower Upper
252 100
253 23.6 19.7 29.5
125 16.1 14.0 21.0





#26
Benzo(a)pyrene
Concen: 3.020 ng/ul
RT: 23.926 min Scan# 5041
Delta R.T. -0.009 min
Lab File: BN022217.D
Acq: 20 Oct 2022 04:28

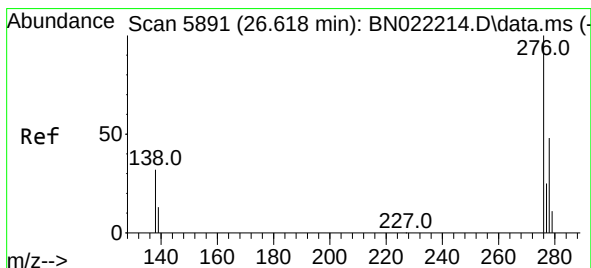
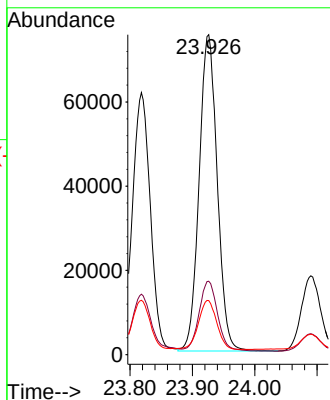
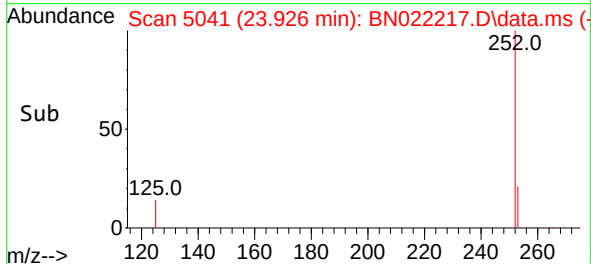
Instrument :
BNA_N
ClientSampleId :
C0BC5DL



Tgt Ion:252 Resp: 151559
Ion Ratio Lower Upper
252 100
253 22.9 21.0 31.6
125 16.9 17.9 26.9

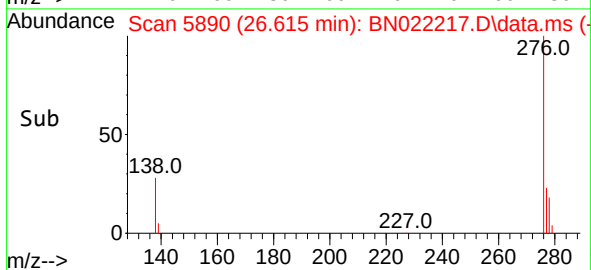
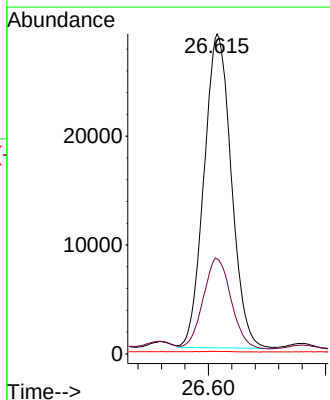
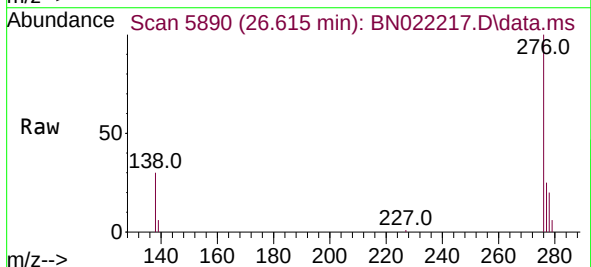
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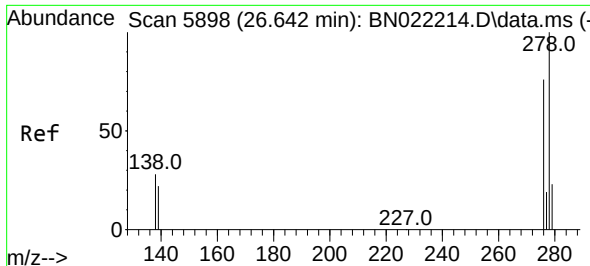
Reviewed By :Jagrut Upadhyay 10/20/2022
Supervised By :mohammad ahmed 10/21/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.495 ng/ul
RT: 26.615 min Scan# 5890
Delta R.T. -0.021 min
Lab File: BN022217.D
Acq: 20 Oct 2022 04:28

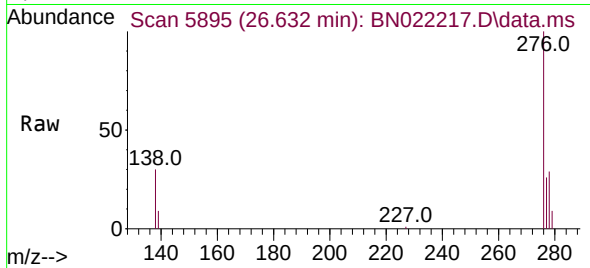
Tgt Ion:276 Resp: 93276
Ion Ratio Lower Upper
276 100
138 29.5 27.7 41.5
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.482 ng/ul
RT: 26.632 min Scan# 5898
Delta R.T. -0.024 min
Lab File: BN022217.D
Acq: 20 Oct 2022 04:28

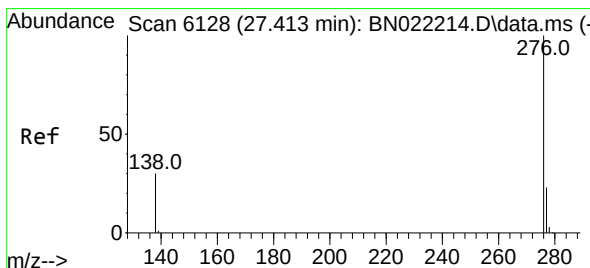
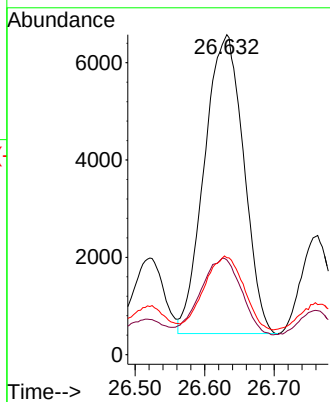
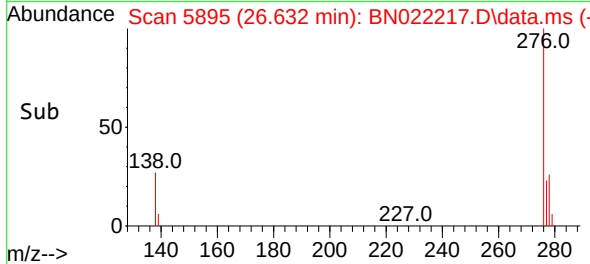
Instrument :
BNA_N
ClientSampleId :
C0BC5DL



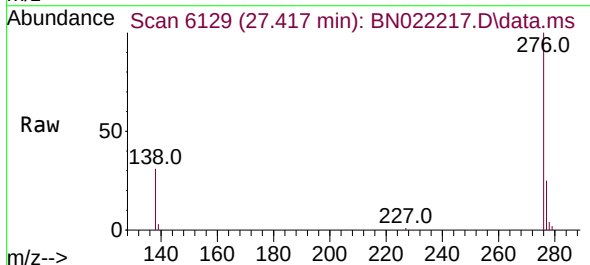
Tgt Ion:278 Resp: 24025
Ion Ratio Lower Upper
278 100
139 29.6 19.6 29.4
279 30.3 20.6 30.8

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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: 1.598 ng/ul
RT: 27.417 min Scan# 6129
Delta R.T. -0.014 min
Lab File: BN022217.D
Acq: 20 Oct 2022 04:28



Tgt Ion:276 Resp: 81219
Ion Ratio Lower Upper
276 100
138 31.0 25.2 37.8
277 25.0 19.9 29.9

