

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102022\
 Data File : BN022221.D
 Acq On : 20 Oct 2022 06:51
 Operator : CG/JU
 Sample : N5023-17DL 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BC8DL

Manual Integrations
 APPROVED

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

Quant Time: Oct 20 07:23:34 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	5526	0.400	ng/ul	0.00
4) Naphthalene-d8	10.778	136	18746	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.623	164	10605	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.379	188	21793	0.400	ng/ul	0.00
17) Chrysene-d12	21.579	240	16224	0.400	ng/ul	0.00
23) Perylene-d12	24.037	264	11813	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	5161	0.719	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.373	152	1413	0.050	ng/ul	0.00
18) Fluoranthene-d10	19.412	212	3026	0.056	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.827	128	4393	0.079	ng/ul	96
7) 2-Methylnaphthalene	12.450	142	2838	0.081	ng/ul	100
8) 1-Methylnaphthalene	12.664	142	2645	0.074	ng/ul	99
10) Acenaphthylene	14.341	152	2992	0.063	ng/ul#	91
11) Acenaphthene	14.683	153	4034	0.100	ng/ul	99
12) Fluorene	15.673	166	5637	0.121	ng/ul	99
15) Phenanthrene	17.417	178	115015	1.572	ng/ul	99
16) Anthracene	17.509	178	20810	0.338	ng/ul	99
19) Fluoranthene	19.440	202	209823	2.824	ng/ul	100
20) Pyrene	19.807	202	154734m	2.073	ng/ul	
21) Benzo(a)anthracene	21.561	228	64988	1.069	ng/ul	99
22) Chrysene	21.614	228	68549	1.064	ng/ul	97
24) Benzo(b)fluoranthene	23.283	252	74467m	1.255	ng/ul	
25) Benzo(k)fluoranthene	23.330	252	28098m	0.487	ng/ul	
26) Benzo(a)pyrene	23.926	252	45764	0.968	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.618	276	30263	0.515	ng/ul	92
28) Dibenzo(a,h)anthracene	26.628	278	7411	0.158	ng/ul#	81
29) Benzo(g,h,i)perylene	27.417	276	24581	0.513	ng/ul	99

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

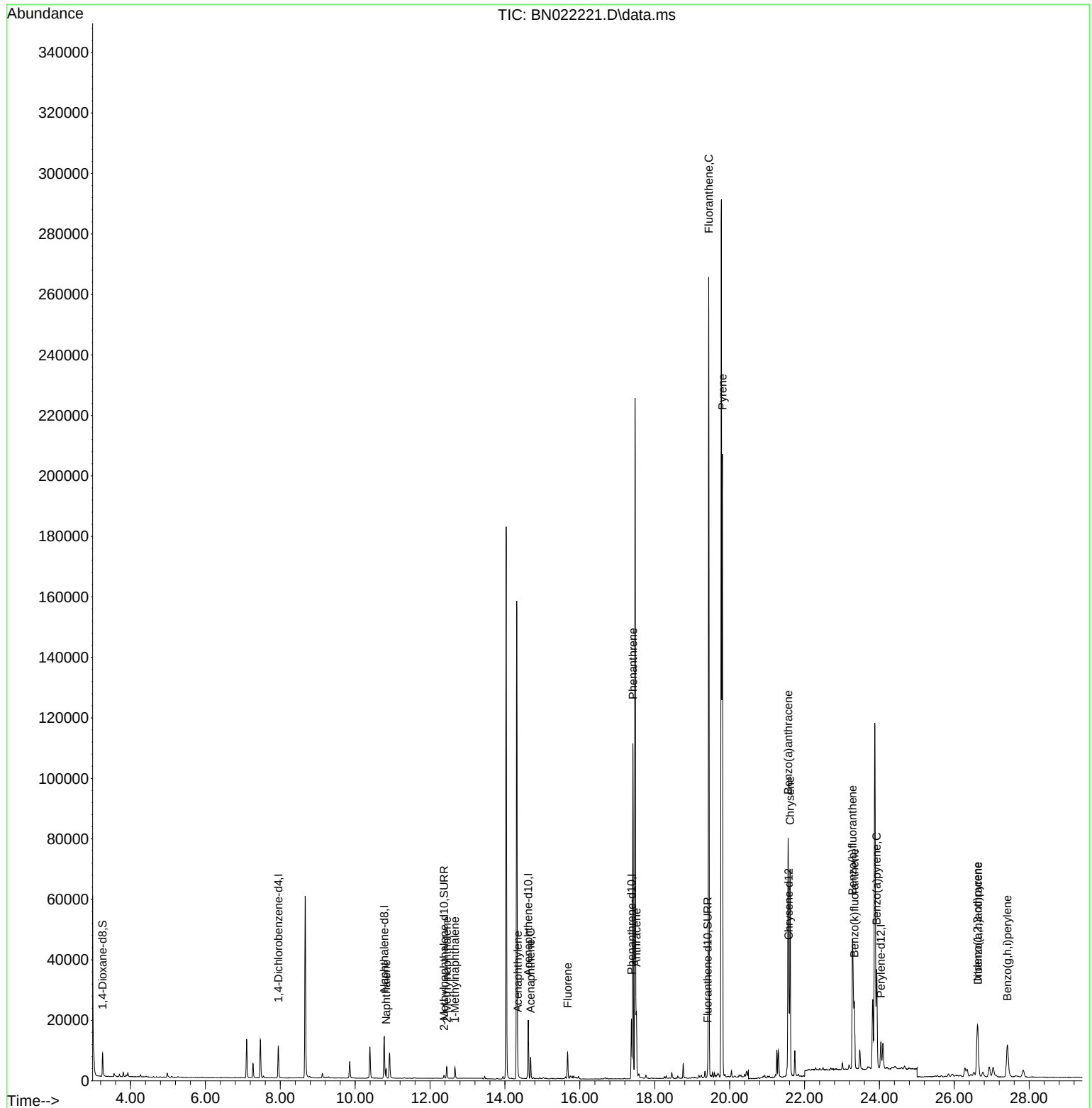
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102022\
Data File : BN02221.D
Acq On : 20 Oct 2022 06:51
Operator : CG/JU
Sample : N5023-17DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

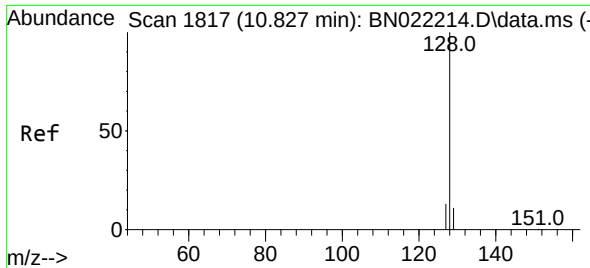
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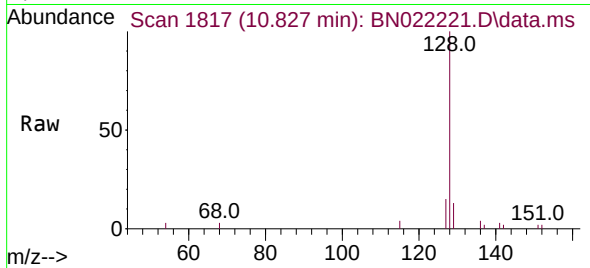
Quant Time: Oct 20 07:23:34 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 19 23:32:34 2022
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#5
Naphthalene
Concen: 0.079 ng/ul
RT: 10.827 min Scan# 1817
Delta R.T. -0.004 min
Lab File: BN022221.D
Acq: 20 Oct 2022 06:51

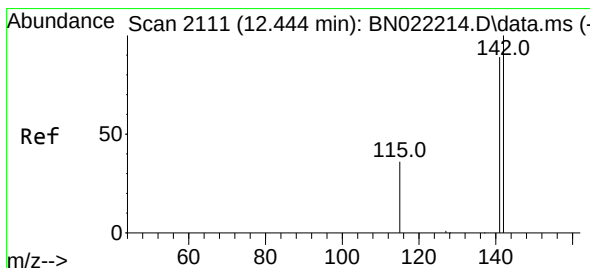
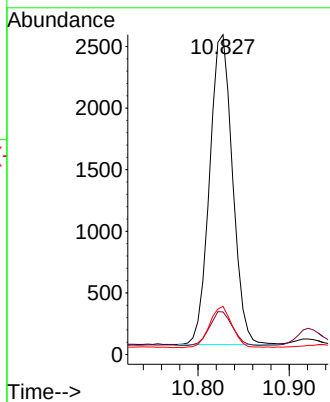
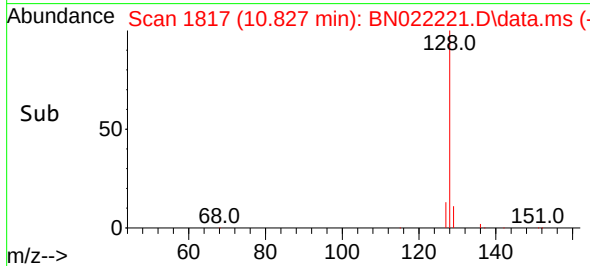
Instrument :
BNA_N
ClientSampleId :
C0BC8DL



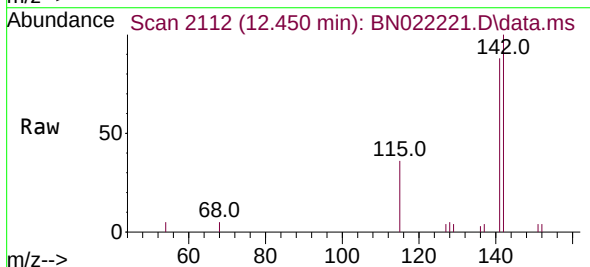
Tgt Ion:128 Resp: 4393
Ion Ratio Lower Upper
128 100
129 13.3 9.3 13.9
127 15.1 10.7 16.1

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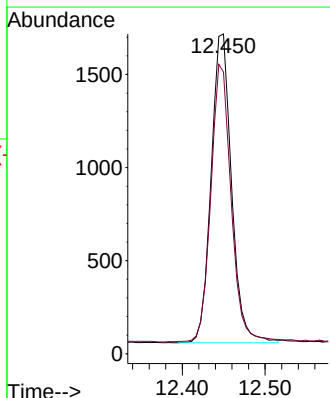
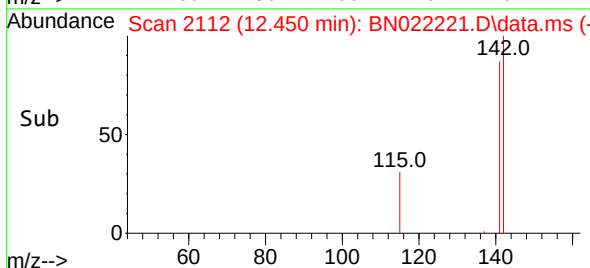
Reviewed By :Jagrut Upadhyay 10/20/2022
Supervised By :mohammad ahmed 10/21/2022

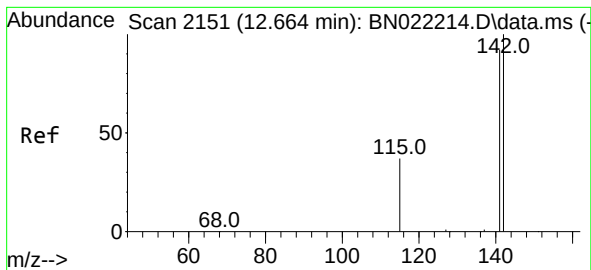


#7
2-Methylnaphthalene
Concen: 0.081 ng/ul
RT: 12.450 min Scan# 2112
Delta R.T. 0.001 min
Lab File: BN022221.D
Acq: 20 Oct 2022 06:51



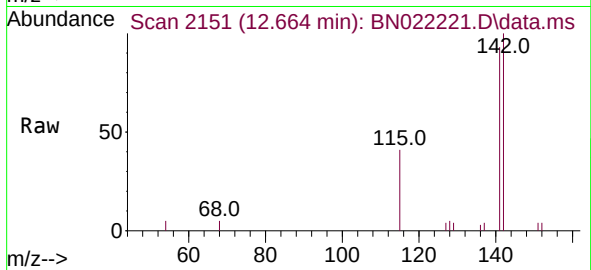
Tgt Ion:142 Resp: 2838
Ion Ratio Lower Upper
142 100
141 89.2 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.074 ng/ul
RT: 12.664 min Scan# 2151
Delta R.T. -0.004 min
Lab File: BN022221.D
Acq: 20 Oct 2022 06:51

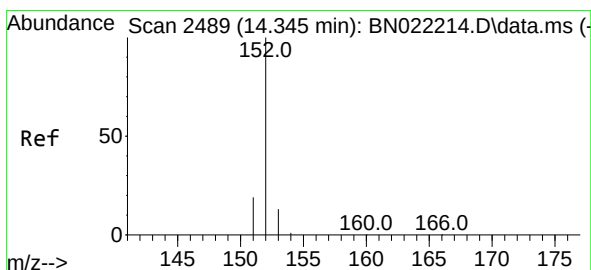
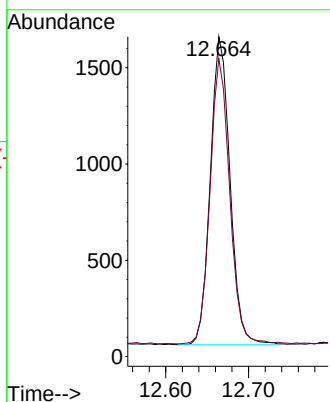
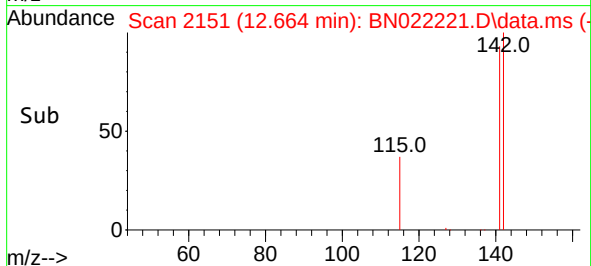
Instrument :
BNA_N
ClientSampleId :
C0BC8DL



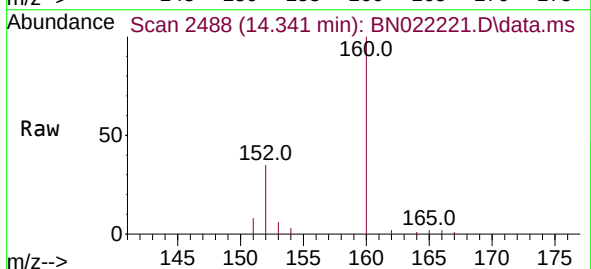
Tgt Ion:142 Resp: 2645
Ion Ratio Lower Upper
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141 92.1 73.3 109.9

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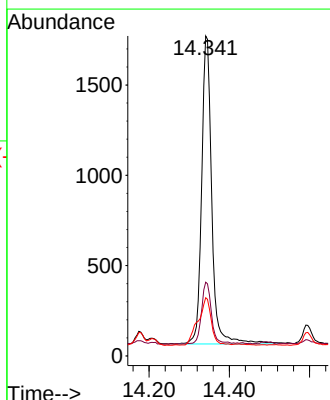
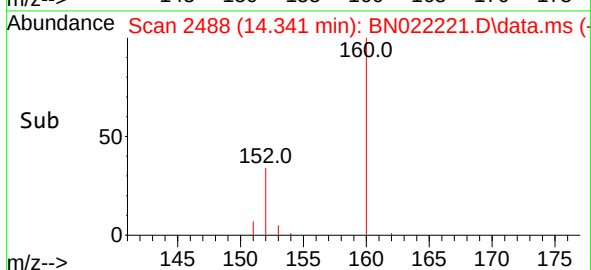
Reviewed By :Jagrut Upadhyay 10/20/2022
Supervised By :mohammad ahmed 10/21/2022

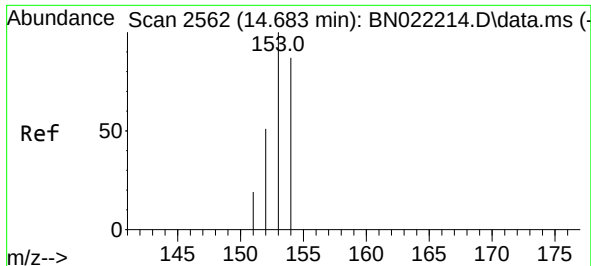


#10
Acenaphthylene
Concen: 0.063 ng/ul
RT: 14.341 min Scan# 2488
Delta R.T. -0.008 min
Lab File: BN022221.D
Acq: 20 Oct 2022 06:51



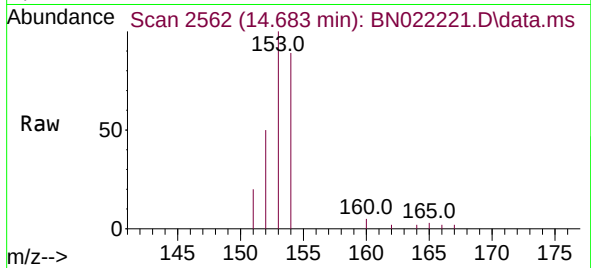
Tgt Ion:152 Resp: 2992
Ion Ratio Lower Upper
152 100
151 23.0 15.9 23.9
153 18.2 10.8 16.2#





#11
Acenaphthene
Concen: 0.100 ng/ul
RT: 14.683 min Scan# 2562
Delta R.T. -0.003 min
Lab File: BN022221.D
Acq: 20 Oct 2022 06:51

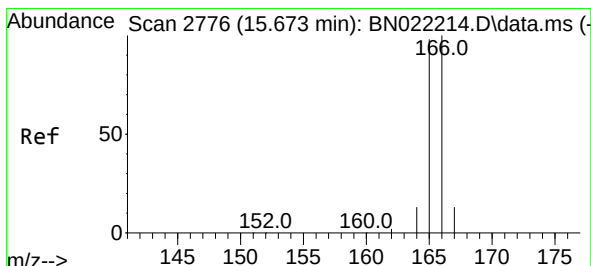
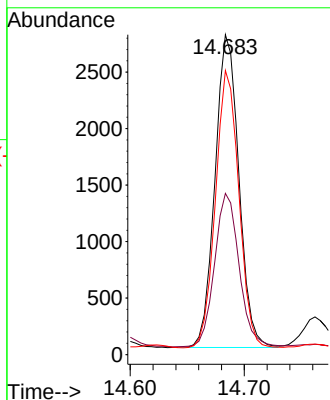
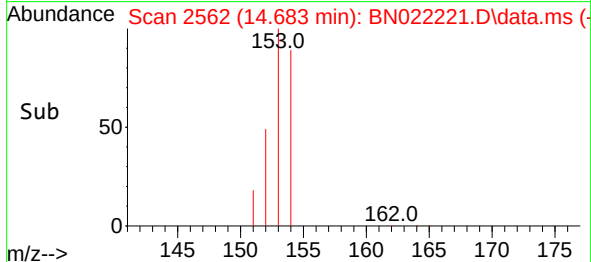
Instrument :
BNA_N
ClientSampleId :
C0BC8DL



Tgt Ion:153 Resp: 4034
Ion Ratio Lower Upper
153 100
152 50.4 40.6 61.0
154 88.8 70.6 106.0

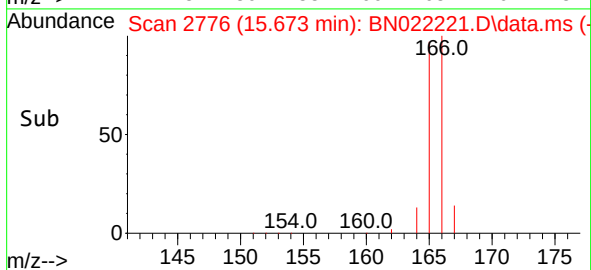
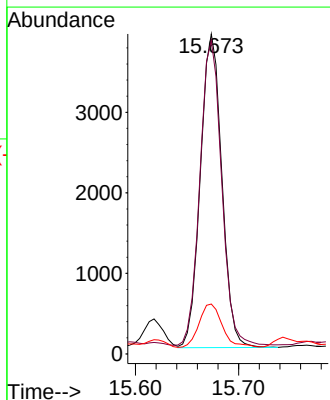
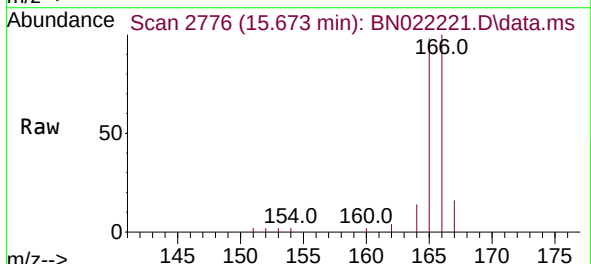
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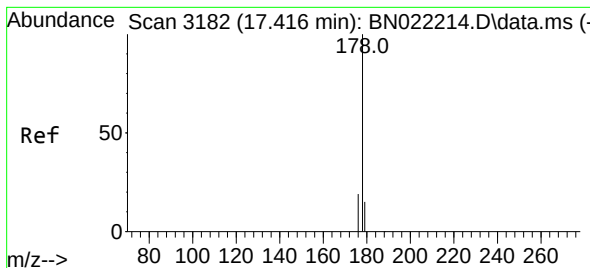
Reviewed By :Jagrut Upadhyay 10/20/2022
Supervised By :mohammad ahmed 10/21/2022



#12
Fluorene
Concen: 0.121 ng/ul
RT: 15.673 min Scan# 2776
Delta R.T. -0.003 min
Lab File: BN022221.D
Acq: 20 Oct 2022 06:51

Tgt Ion:166 Resp: 5637
Ion Ratio Lower Upper
166 100
165 97.9 78.2 117.2
167 15.6 11.0 16.4





#15

Phenanthrene

Concen: 1.572 ng/ul

RT: 17.417 min Scan# 3182

Delta R.T. -0.007 min

Lab File: BN022221.D

Acq: 20 Oct 2022 06:51

Instrument :

BNA_N

ClientSampleId :

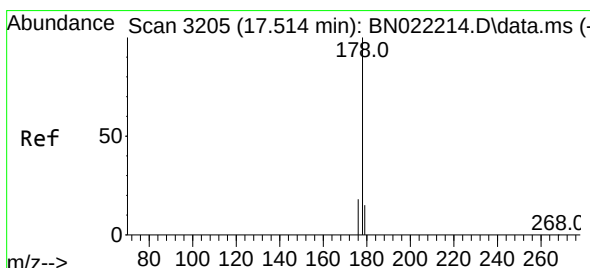
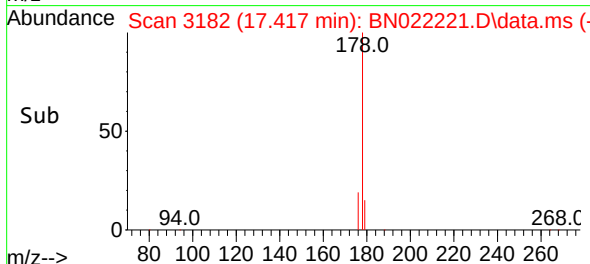
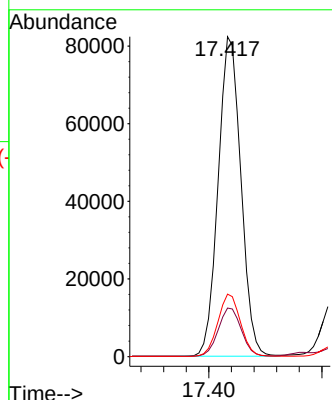
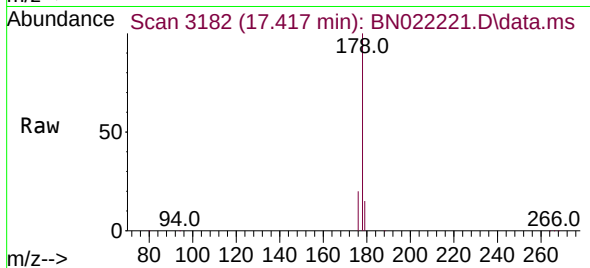
C0BC8DL

Tgt Ion:	178	Resp:	115015
Ion Ratio	Lower	Upper	
178	100		
179	15.2	12.7	19.1
176	19.5	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: 0.338 ng/ul

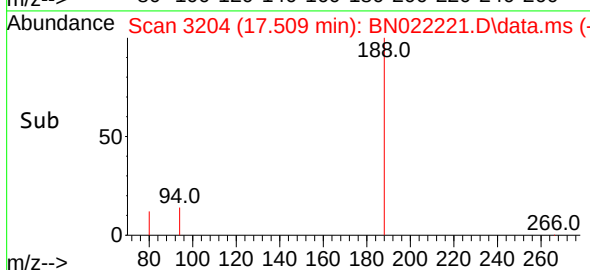
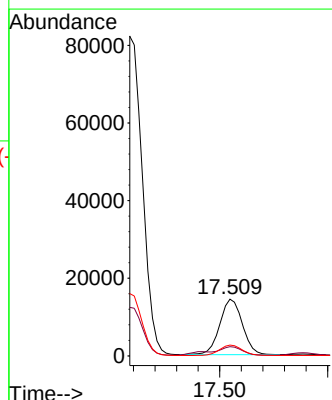
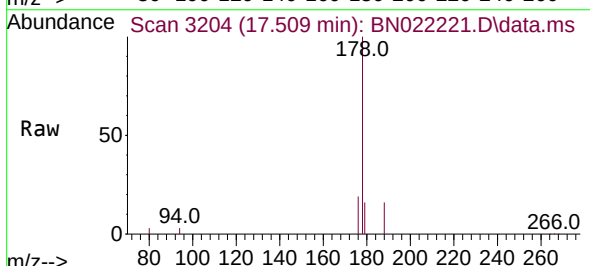
RT: 17.509 min Scan# 3204

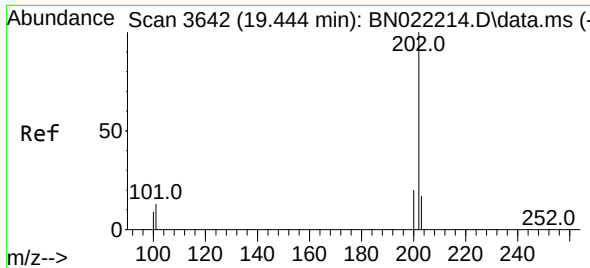
Delta R.T. -0.007 min

Lab File: BN022221.D

Acq: 20 Oct 2022 06:51

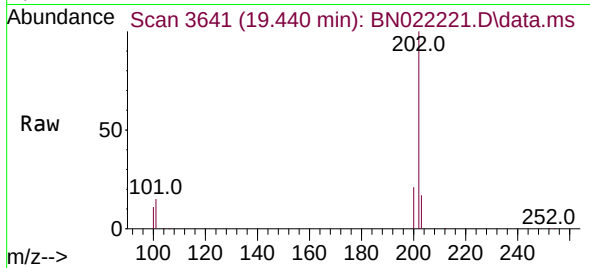
Tgt Ion:	178	Resp:	20810
Ion Ratio	Lower	Upper	
178	100		
179	16.2	12.6	18.8
176	19.1	15.0	22.6





#19
Fluoranthene
Concen: 2.824 ng/ul
RT: 19.440 min Scan# 3641
Delta R.T. -0.003 min
Lab File: BN022221.D
Acq: 20 Oct 2022 06:51

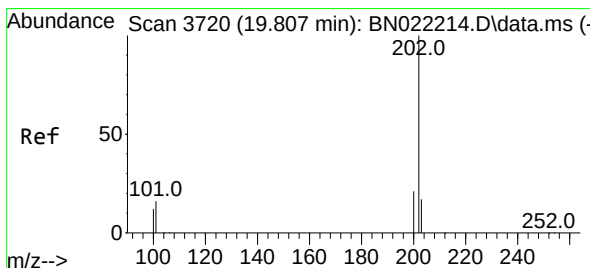
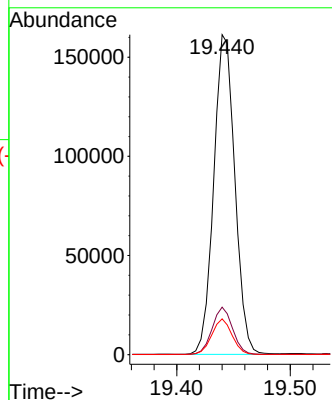
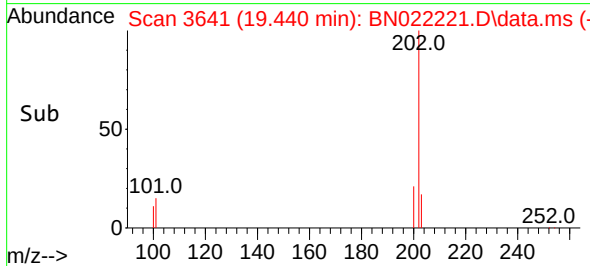
Instrument :
BNA_N
ClientSampleId :
C0BC8DL



Tgt Ion:202 Resp: 209823
Ion Ratio Lower Upper
202 100
101 14.8 11.8 17.6
100 11.2 8.7 13.1

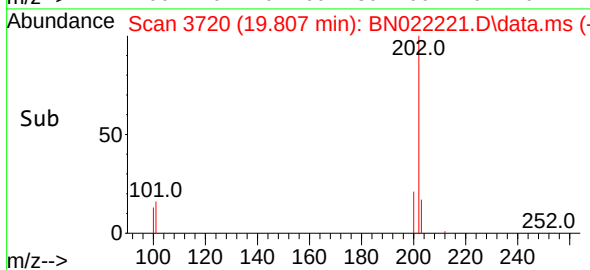
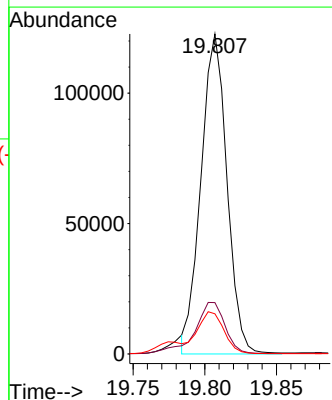
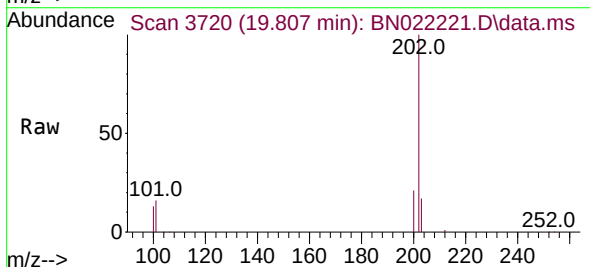
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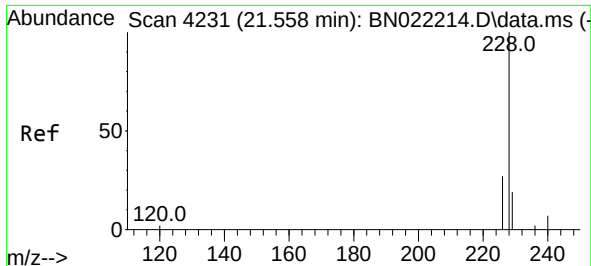
Reviewed By :Jagrut Upadhyay 10/20/2022
Supervised By :mohammad ahmed 10/21/2022



#20
Pyrene
Concen: 2.073 ng/ul m
RT: 19.807 min Scan# 3720
Delta R.T. -0.003 min
Lab File: BN022221.D
Acq: 20 Oct 2022 06:51

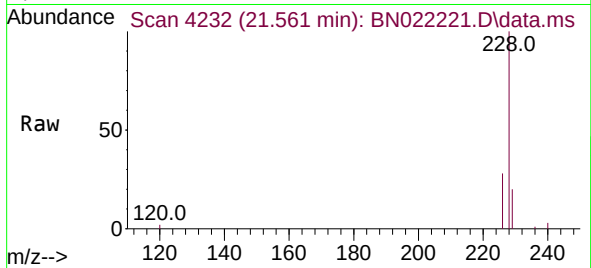
Tgt Ion:202 Resp: 154734
Ion Ratio Lower Upper
202 100
101 16.0 13.1 19.7
100 12.5 10.6 16.0





#21
Benzo(a)anthracene
Concen: 1.069 ng/ul
RT: 21.561 min Scan# 4231
Delta R.T. -0.006 min
Lab File: BN022221.D
Acq: 20 Oct 2022 06:51

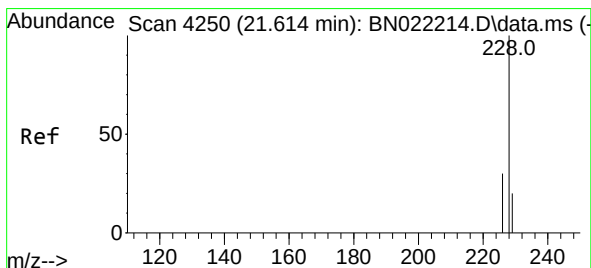
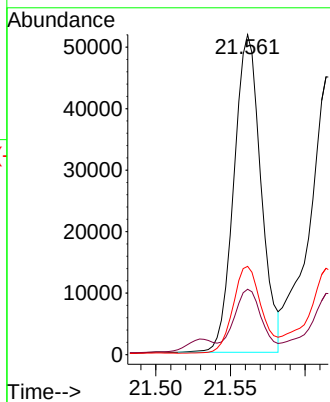
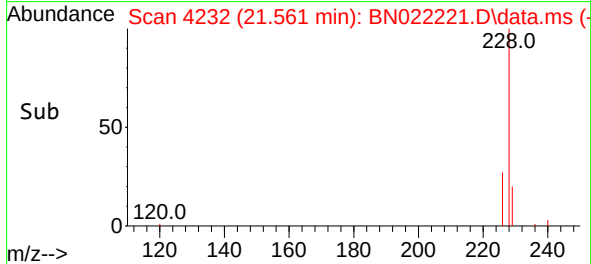
Instrument :
BNA_N
ClientSampleId :
C0BC8DL



Tgt Ion:228 Resp: 64988
Ion Ratio Lower Upper
228 100
229 20.4 15.7 23.5
226 27.6 21.5 32.3

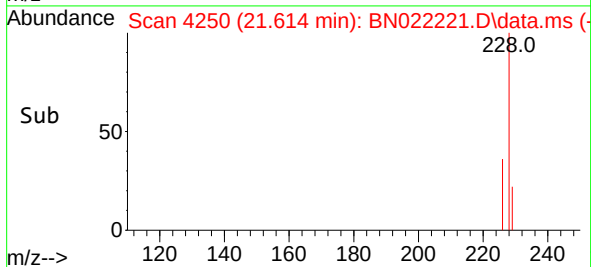
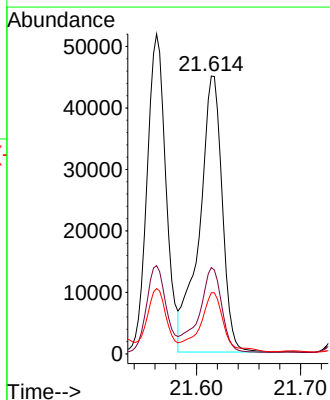
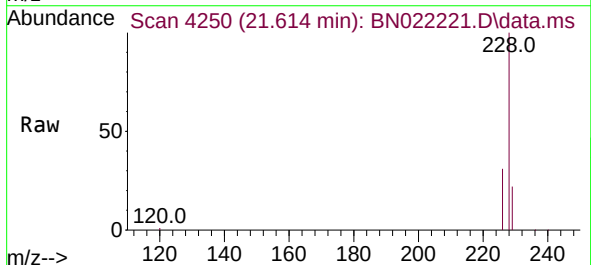
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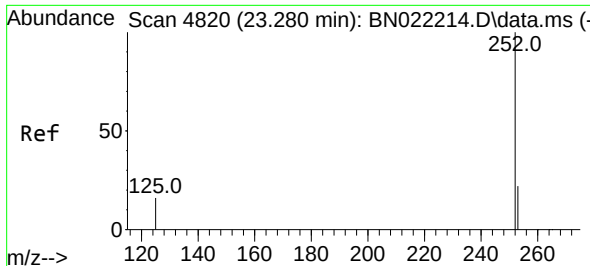
Reviewed By :Jagrut Upadhyay 10/20/2022
Supervised By :mohammad ahmed 10/21/2022



#22
Chrysene
Concen: 1.064 ng/ul
RT: 21.614 min Scan# 4250
Delta R.T. -0.006 min
Lab File: BN022221.D
Acq: 20 Oct 2022 06:51

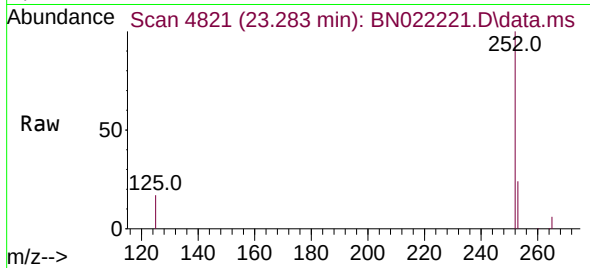
Tgt Ion:228 Resp: 68549
Ion Ratio Lower Upper
228 100
226 31.0 23.9 35.9
229 22.0 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 1.255 ng/ul m
RT: 23.283 min Scan# 4820
Delta R.T. -0.006 min
Lab File: BN022221.D
Acq: 20 Oct 2022 06:51

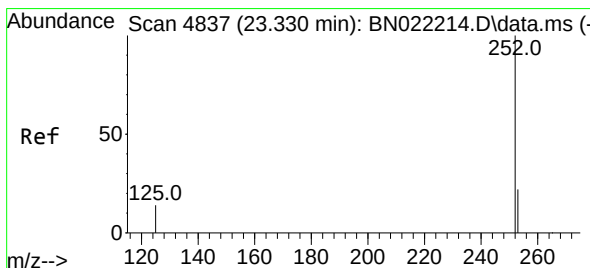
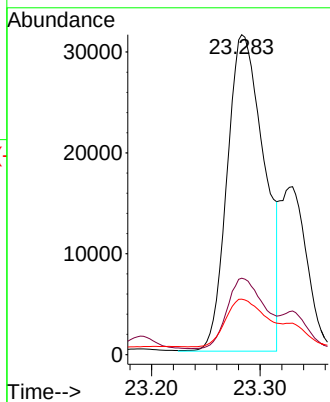
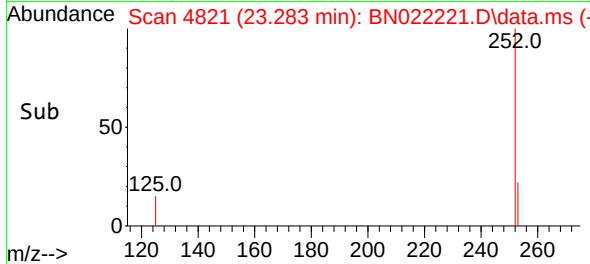
Instrument :
BNA_N
ClientSampleId :
C0BC8DL



Tgt Ion:252 Resp: 74462
Ion Ratio Lower Upper
252 100
253 23.9 0.0 49.0
125 17.3 0.0 35.2

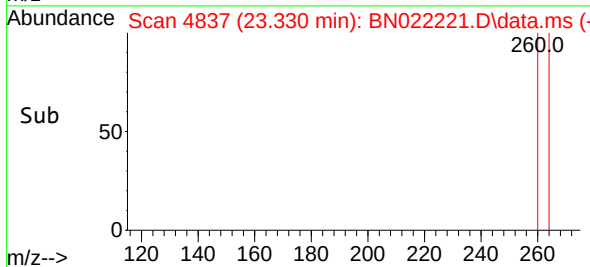
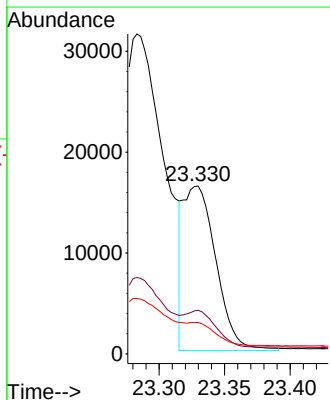
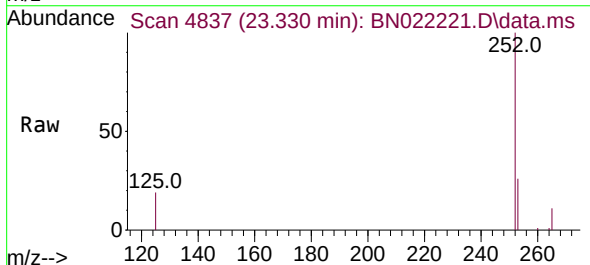
Manual Integrations
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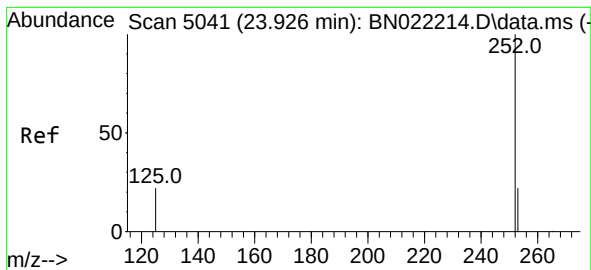
Reviewed By :Jagrut Upadhyay 10/20/2022
Supervised By :mohammad ahmed 10/21/2022



#25
Benzo(k)fluoranthene
Concen: 0.487 ng/ul m
RT: 23.330 min Scan# 4837
Delta R.T. -0.009 min
Lab File: BN022221.D
Acq: 20 Oct 2022 06:51

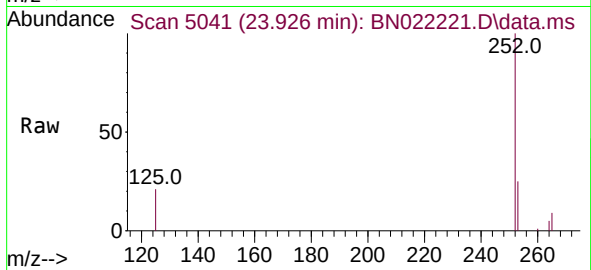
Tgt Ion:252 Resp: 28098
Ion Ratio Lower Upper
252 100
253 25.9 19.7 29.5
125 18.7 14.0 21.0





#26
Benzo(a)pyrene
Concen: 0.968 ng/ul
RT: 23.926 min Scan# 5041
Delta R.T. -0.009 min
Lab File: BN022221.D
Acq: 20 Oct 2022 06:51

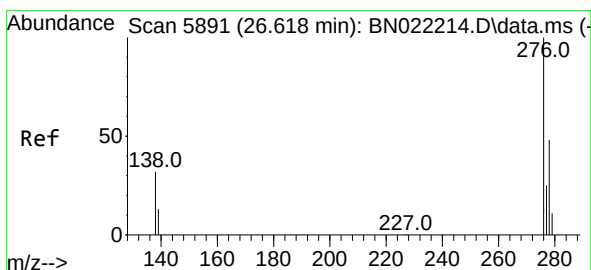
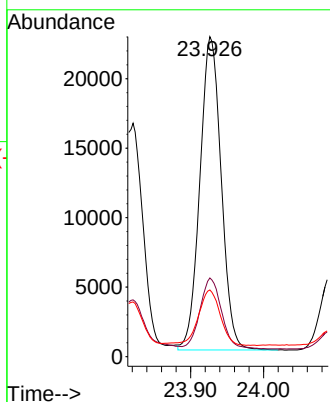
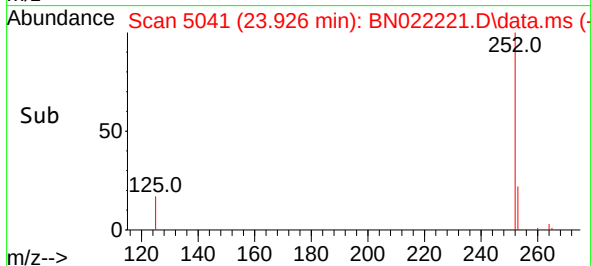
Instrument :
BNA_N
ClientSampleId :
C0BC8DL



Tgt Ion:252 Resp: 45764
Ion Ratio Lower Upper
252 100
253 24.6 21.0 31.6
125 20.8 17.9 26.9

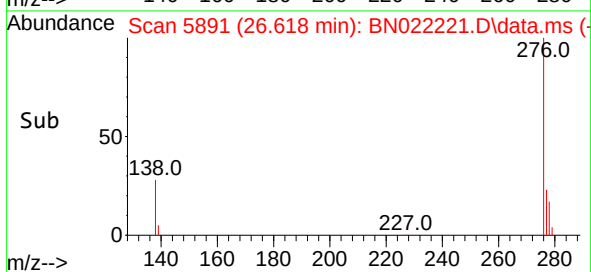
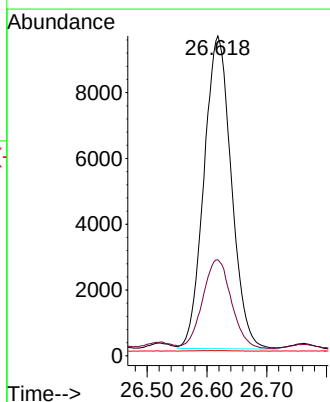
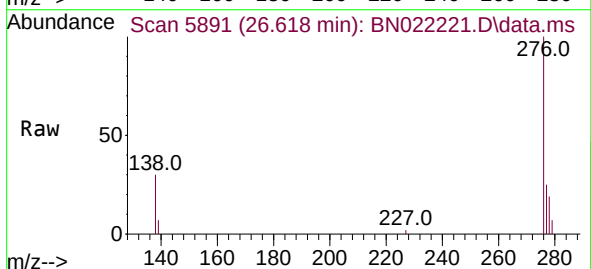
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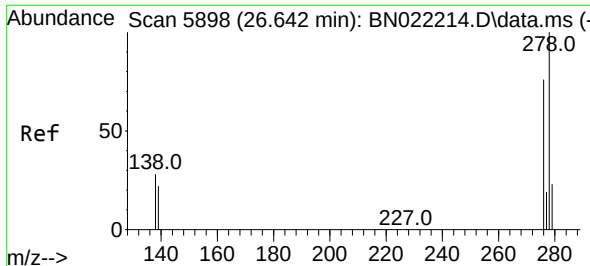
Reviewed By :Jagrut Upadhyay 10/20/2022
Supervised By :mohammad ahmed 10/21/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.515 ng/ul
RT: 26.618 min Scan# 5891
Delta R.T. -0.017 min
Lab File: BN022221.D
Acq: 20 Oct 2022 06:51

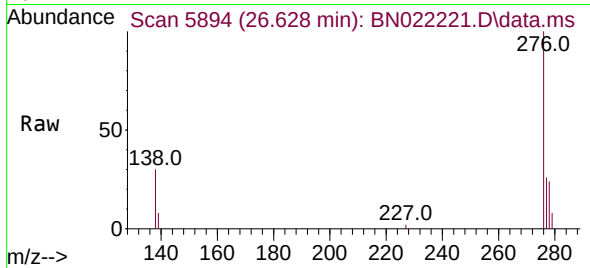
Tgt Ion:276 Resp: 30263
Ion Ratio Lower Upper
276 100
138 29.7 27.7 41.5
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.158 ng/ul
RT: 26.628 min Scan# 5898
Delta R.T. -0.027 min
Lab File: BN022221.D
Acq: 20 Oct 2022 06:51

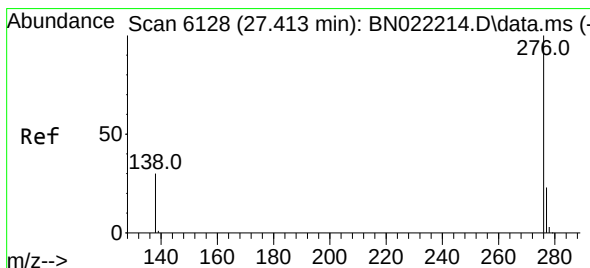
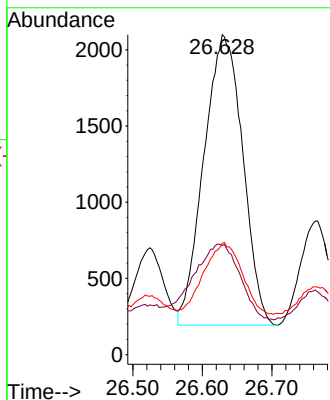
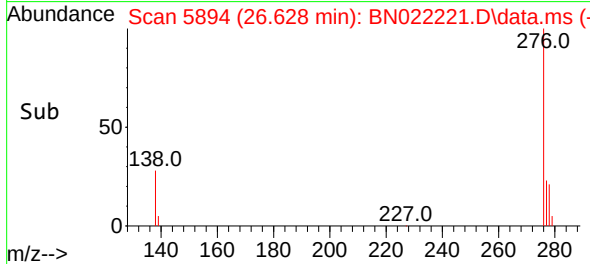
Instrument :
BNA_N
ClientSampleId :
C0BC8DL



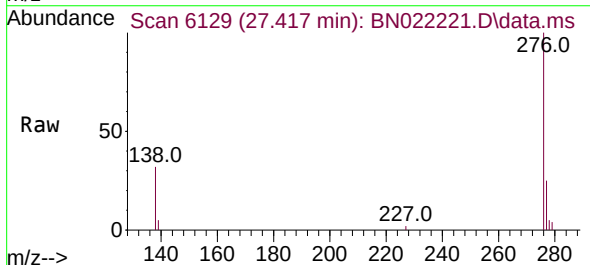
Tgt Ion:278 Resp: 741
Ion Ratio Lower Upper
278 100
139 34.1 19.6 29.4
279 34.7 20.6 30.8

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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: 0.513 ng/ul
RT: 27.417 min Scan# 6129
Delta R.T. -0.014 min
Lab File: BN022221.D
Acq: 20 Oct 2022 06:51



Tgt Ion:276 Resp: 24581
Ion Ratio Lower Upper
276 100
138 31.9 25.2 37.8
277 25.5 19.9 29.9

