

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102022\
 Data File : BN022224.D
 Acq On : 20 Oct 2022 08:39
 Operator : CG/JU
 Sample : N5023-14
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BD3

Manual Integrations
 APPROVED

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

Quant Time: Oct 21 01:48:38 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	5171	0.400	ng/ul	0.00
4) Naphthalene-d8	10.778	136	17281	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.623	164	10113	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.379	188	21011	0.400	ng/ul	0.00
17) Chrysene-d12	21.579	240	14296	0.400	ng/ul	0.00
23) Perylene-d12	24.037	264	10701	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	37726	5.614	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.373	152	9188	0.351	ng/ul	0.00
18) Fluoranthene-d10	19.412	212	18897	0.394	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.827	128	13404	0.263	ng/ul	100
7) 2-Methylnaphthalene	12.444	142	7804	0.243	ng/ul	99
8) 1-Methylnaphthalene	12.664	142	6246	0.189	ng/ul	100
10) Acenaphthylene	14.341	152	1721	0.038	ng/ul#	77
11) Acenaphthene	14.683	153	2024	0.053	ng/ul	99
12) Fluorene	15.673	166	1618	0.036	ng/ul#	96
15) Phenanthrene	17.417	178	43616	0.618	ng/ul	99
16) Anthracene	17.509	178	6966	0.117	ng/ul	96
19) Fluoranthene	19.440	202	119508	1.825	ng/ul	100
20) Pyrene	19.807	202	90964m	1.383	ng/ul	
21) Benzo(a)anthracene	21.561	228	46876	0.875	ng/ul	98
22) Chrysene	21.614	228	57939	1.021	ng/ul	98
24) Benzo(b)fluoranthene	23.283	252	69396m	1.291	ng/ul	
25) Benzo(k)fluoranthene	23.330	252	25599m	0.490	ng/ul	
26) Benzo(a)pyrene	23.929	252	42990	1.003	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.618	276	33915	0.637	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.632	278	8126	0.191	ng/ul#	84
29) Benzo(g,h,i)perylene	27.420	276	28647	0.660	ng/ul	99

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

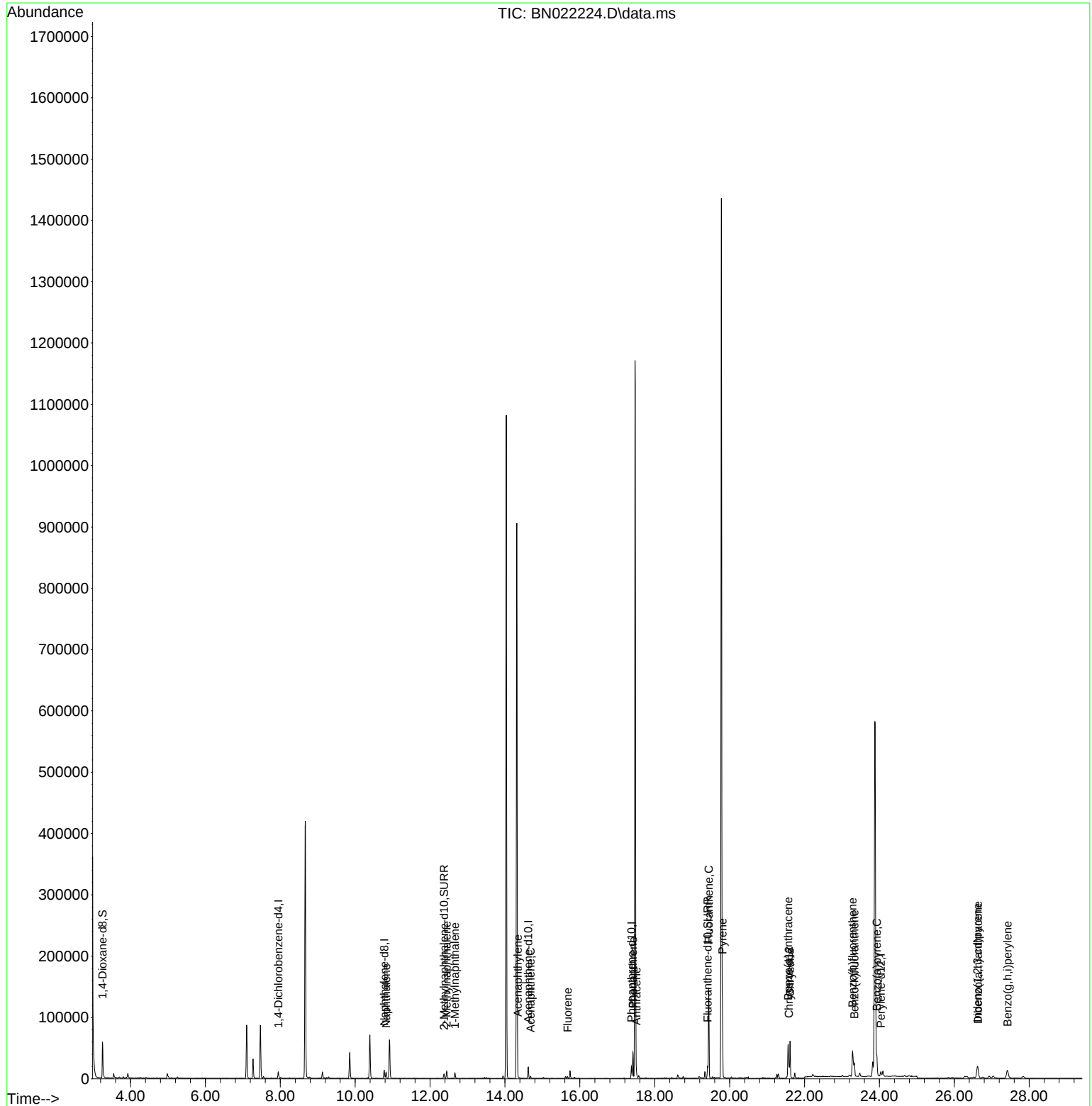
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102022\
Data File : BN022224.D
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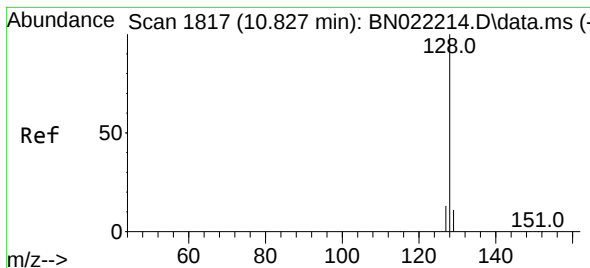
Instrument :
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#5

Naphthalene

Concen: 0.263 ng/ul

RT: 10.827 min Scan# 1817

Delta R.T. -0.004 min

Lab File: BN022224.D

Acq: 20 Oct 2022 08:39

Instrument :

BNA_N

ClientSampleId :

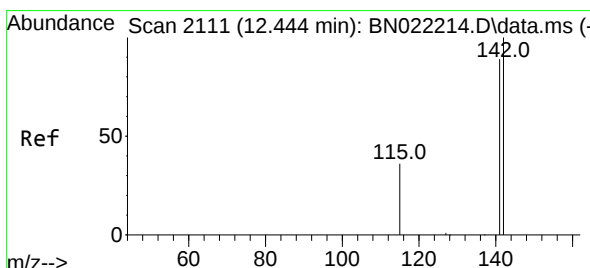
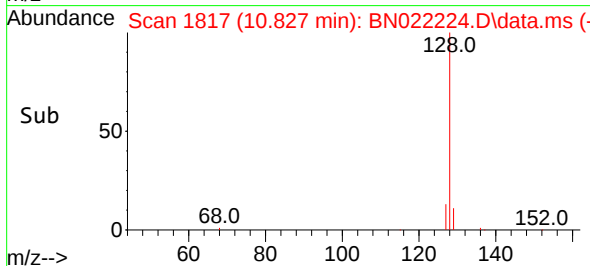
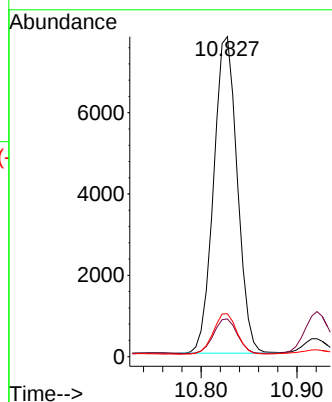
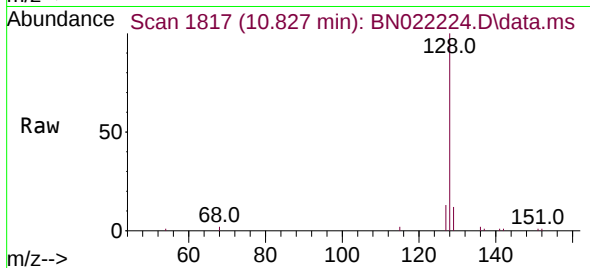
C0BD3

Tgt Ion:128	Resp:	13404
Ion Ratio	Lower	Upper
128	100	
129	11.8	9.3 13.9
127	13.4	10.7 16.1

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#7

2-Methylnaphthalene

Concen: 0.243 ng/ul

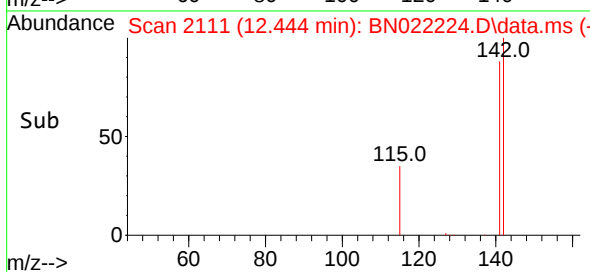
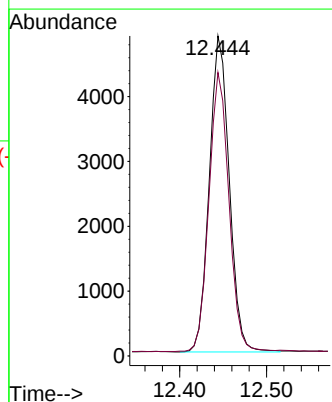
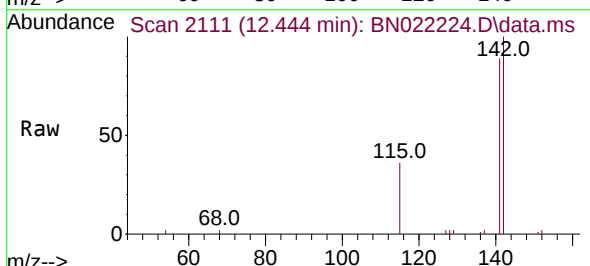
RT: 12.444 min Scan# 2111

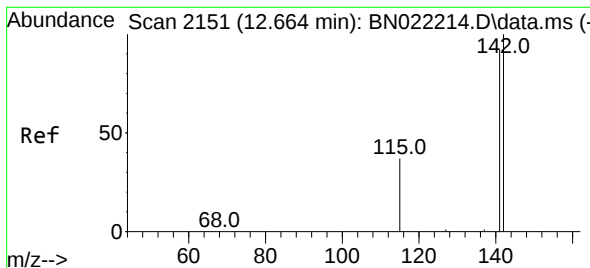
Delta R.T. -0.004 min

Lab File: BN022224.D

Acq: 20 Oct 2022 08:39

Tgt Ion:142	Resp:	7804
Ion Ratio	Lower	Upper
142	100	
141	88.4	71.1 106.7





#8

1-Methylnaphthalene

Concen: 0.189 ng/ul

RT: 12.664 min Scan# 2151

Delta R.T. -0.004 min

Lab File: BN022224.D

Acq: 20 Oct 2022 08:39

Instrument :

BNA_N

ClientSampleId :

C0BD3

Tgt Ion:142 Resp: 6246

Ion Ratio Lower Upper

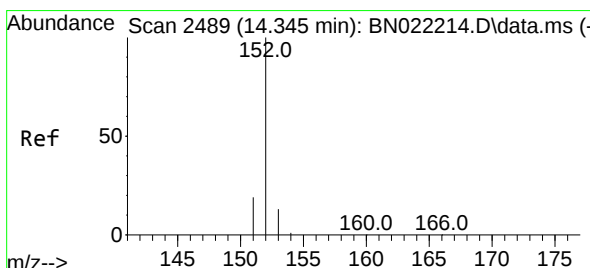
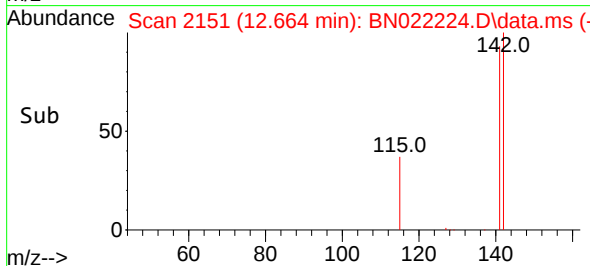
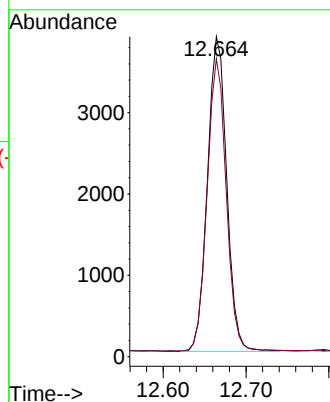
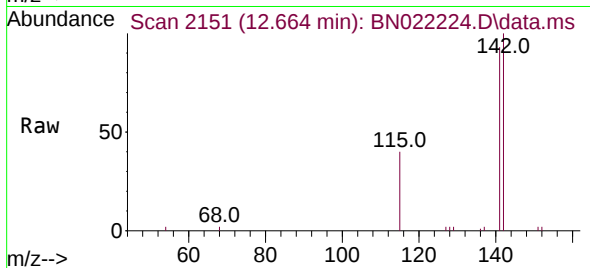
142 100

141 91.9 73.3 109.9

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#10

Acenaphthylene

Concen: 0.038 ng/ul

RT: 14.341 min Scan# 2488

Delta R.T. -0.008 min

Lab File: BN022224.D

Acq: 20 Oct 2022 08:39

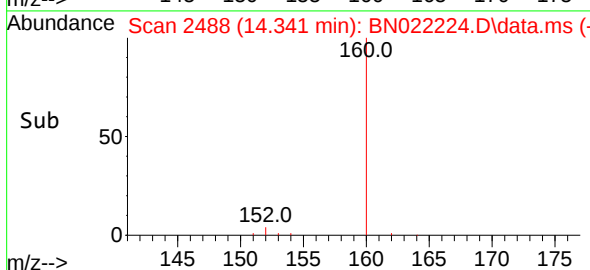
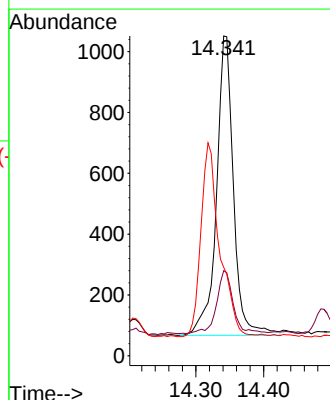
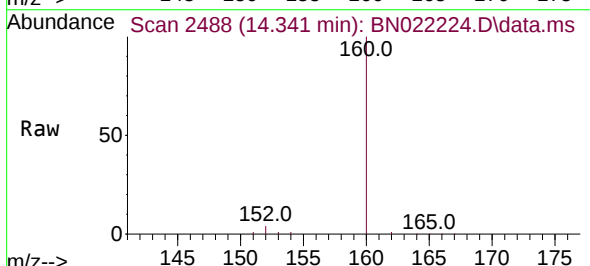
Tgt Ion:152 Resp: 1721

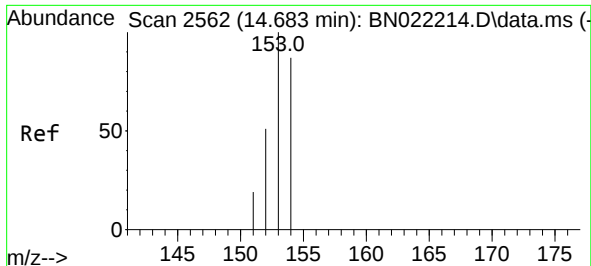
Ion Ratio Lower Upper

152 100

151 26.6 15.9 23.9#

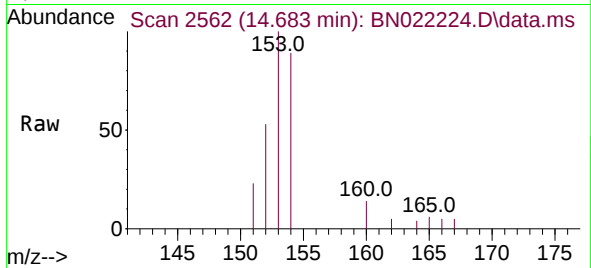
153 27.7 10.8 16.2#





#11
Acenaphthene
Concen: 0.053 ng/ul
RT: 14.683 min Scan# 2562
Delta R.T. -0.003 min
Lab File: BN022224.D
Acq: 20 Oct 2022 08:39

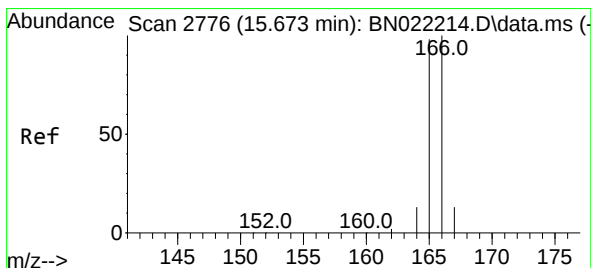
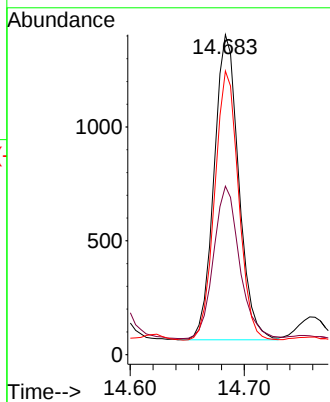
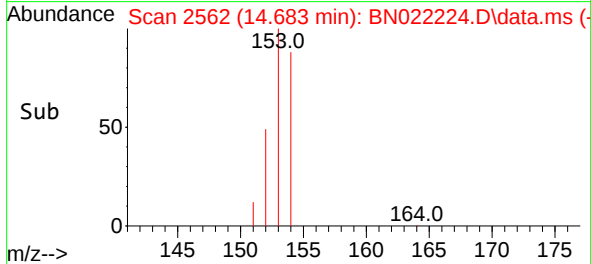
Instrument :
BNA_N
ClientSampleId :
C0BD3



Tgt Ion:153 Resp: 2024
Ion Ratio Lower Upper
153 100
152 52.6 40.6 61.0
154 88.6 70.6 106.0

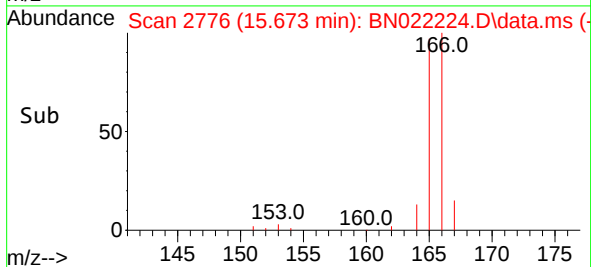
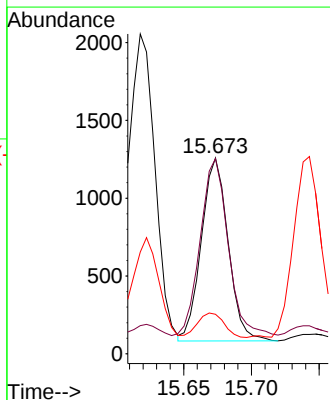
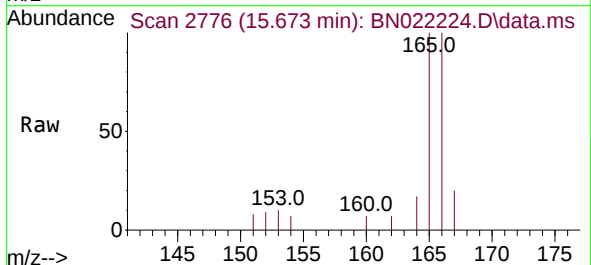
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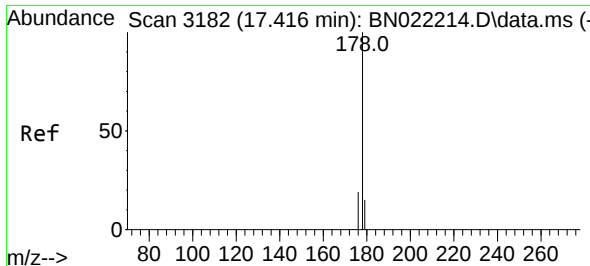
Reviewed By :Jagrut Upadhyay 10/21/2022
Supervised By :mohammad ahmed 10/21/2022



#12
Fluorene
Concen: 0.036 ng/ul
RT: 15.673 min Scan# 2776
Delta R.T. -0.003 min
Lab File: BN022224.D
Acq: 20 Oct 2022 08:39

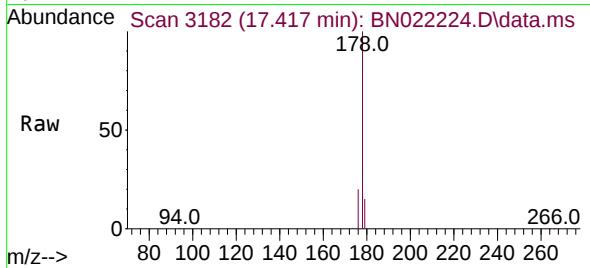
Tgt Ion:166 Resp: 1618
Ion Ratio Lower Upper
166 100
165 99.7 78.2 117.2
167 20.2 11.0 16.4#





#15
Phenanthrene
Concen: 0.618 ng/ul
RT: 17.417 min Scan# 3182
Delta R.T. -0.007 min
Lab File: BN022224.D
Acq: 20 Oct 2022 08:39

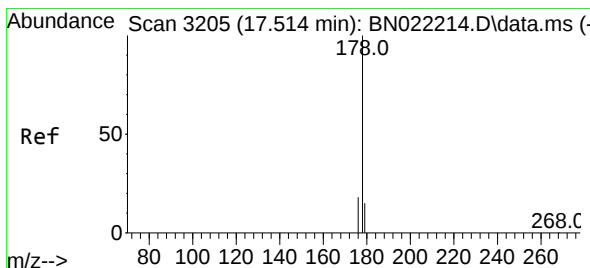
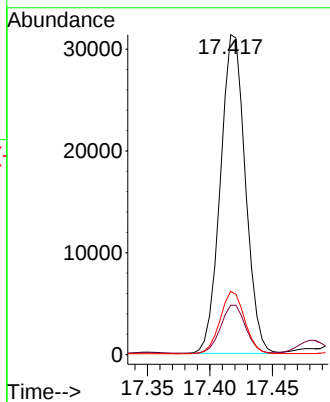
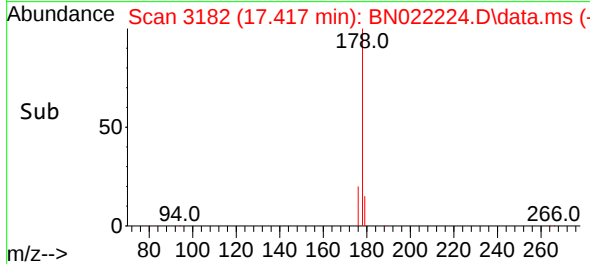
Instrument :
BNA_N
ClientSampleId :
C0BD3



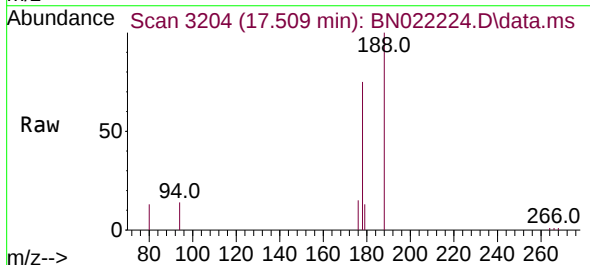
Tgt Ion:178 Resp: 43616
Ion Ratio Lower Upper
178 100
179 15.4 12.7 19.1
176 19.8 15.4 23.2

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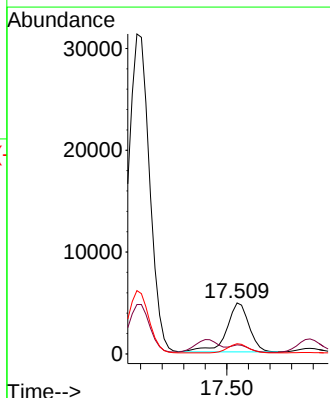
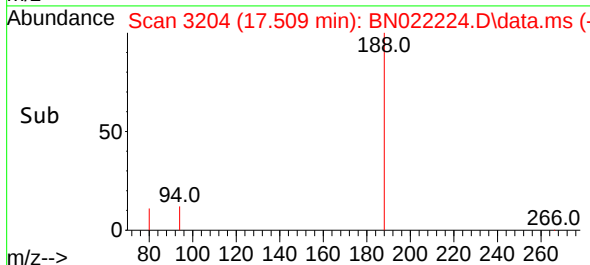
Reviewed By :Jagrut Upadhyay 10/21/2022
Supervised By :mohammad ahmed 10/21/2022

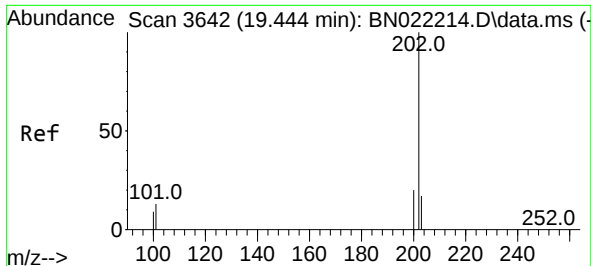


#16
Anthracene
Concen: 0.117 ng/ul
RT: 17.509 min Scan# 3204
Delta R.T. -0.007 min
Lab File: BN022224.D
Acq: 20 Oct 2022 08:39



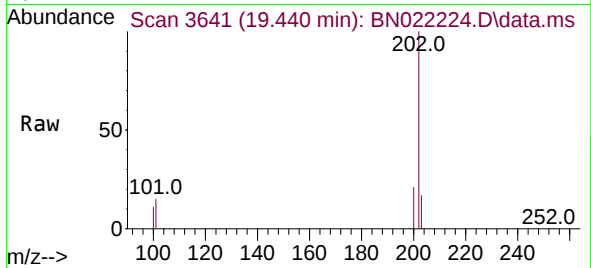
Tgt Ion:178 Resp: 6966
Ion Ratio Lower Upper
178 100
179 17.8 12.6 18.8
176 20.0 15.0 22.6





#19
Fluoranthene
Concen: 1.825 ng/ul
RT: 19.440 min Scan# 3642
Delta R.T. -0.003 min
Lab File: BN022224.D
Acq: 20 Oct 2022 08:39

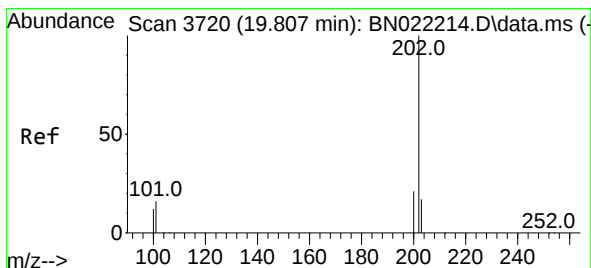
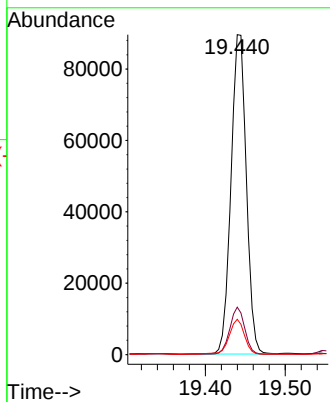
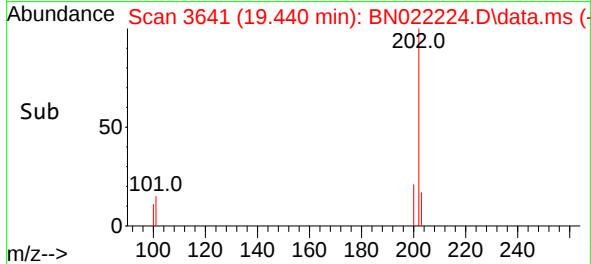
Instrument :
BNA_N
ClientSampleId :
C0BD3



Tgt Ion:202 Resp: 119508
Ion Ratio Lower Upper
202 100
101 14.8 11.8 17.6
100 11.0 8.7 13.1

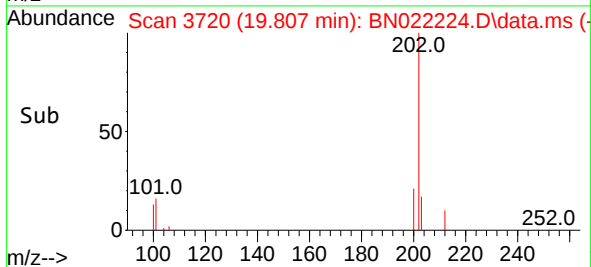
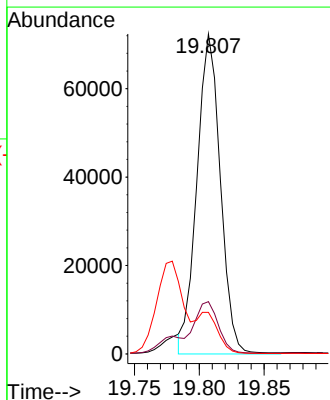
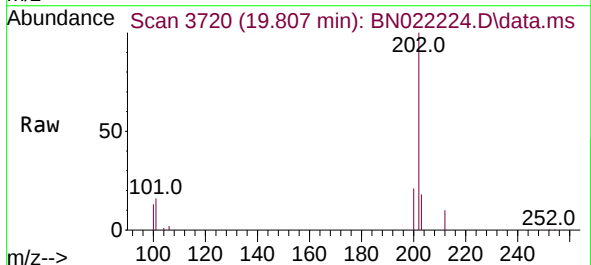
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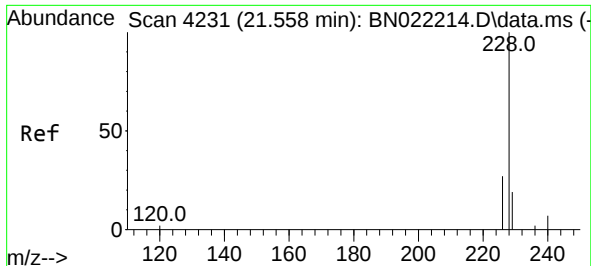
Reviewed By :Jagrut Upadhyay 10/21/2022
Supervised By :mohammad ahmed 10/21/2022



#20
Pyrene
Concen: 1.383 ng/ul m
RT: 19.807 min Scan# 3720
Delta R.T. -0.003 min
Lab File: BN022224.D
Acq: 20 Oct 2022 08:39

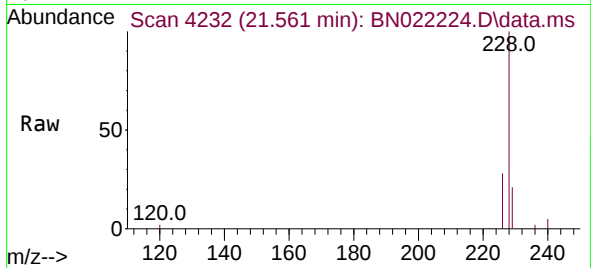
Tgt Ion:202 Resp: 90964
Ion Ratio Lower Upper
202 100
101 16.3 13.1 19.7
100 13.0 10.6 16.0





#21
Benzo(a)anthracene
Concen: 0.875 ng/ul
RT: 21.561 min Scan# 4231
Delta R.T. -0.006 min
Lab File: BN022224.D
Acq: 20 Oct 2022 08:39

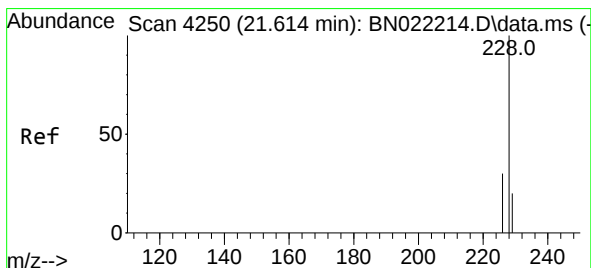
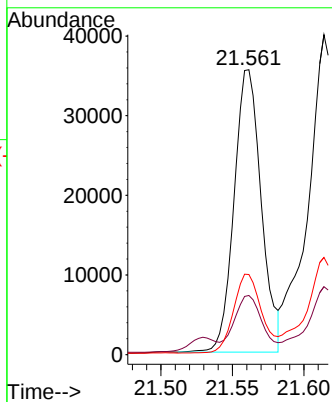
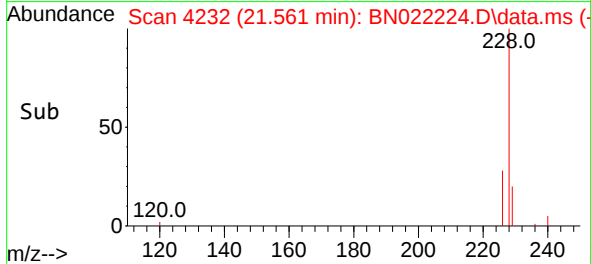
Instrument :
BNA_N
ClientSampleId :
C0BD3



Tgt Ion:228 Resp: 46876
Ion Ratio Lower Upper
228 100
229 20.8 15.7 23.5
226 28.1 21.5 32.3

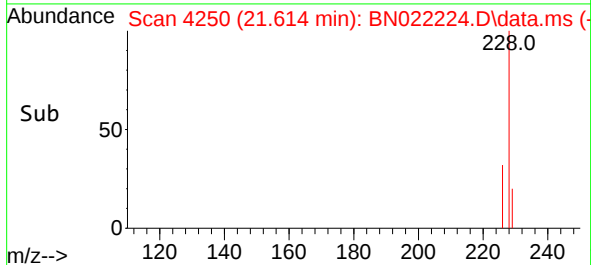
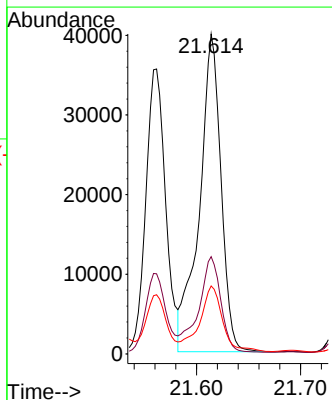
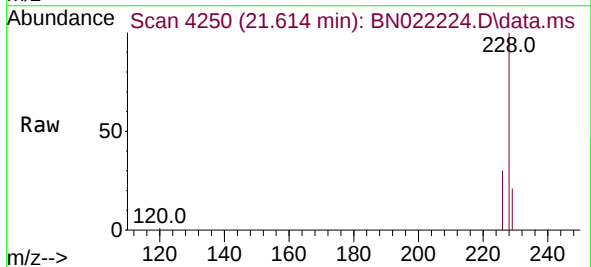
Manual Integrations
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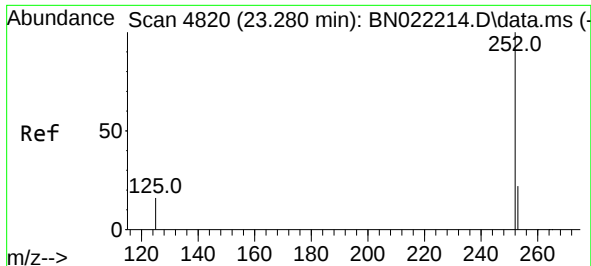
Reviewed By :Jagrut Upadhyay 10/21/2022
Supervised By :mohammad ahmed 10/21/2022



#22
Chrysene
Concen: 1.021 ng/ul
RT: 21.614 min Scan# 4250
Delta R.T. -0.006 min
Lab File: BN022224.D
Acq: 20 Oct 2022 08:39

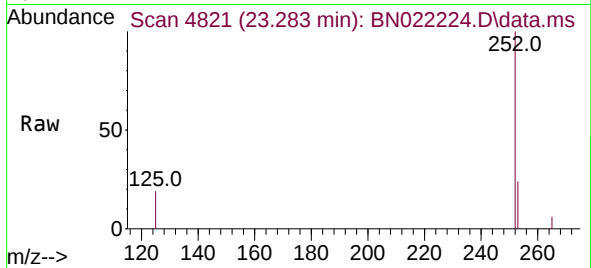
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Ion Ratio Lower Upper
228 100
226 30.4 23.9 35.9
229 21.2 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 1.291 ng/ul m
RT: 23.283 min Scan# 4820
Delta R.T. -0.006 min
Lab File: BN022224.D
Acq: 20 Oct 2022 08:39

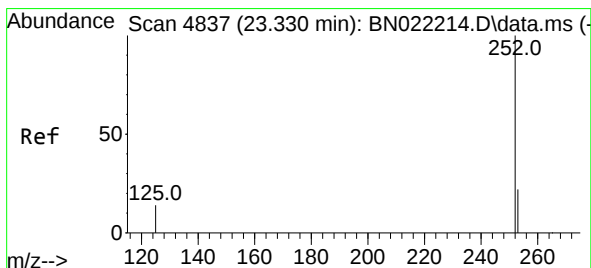
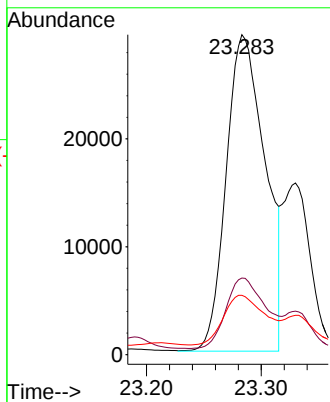
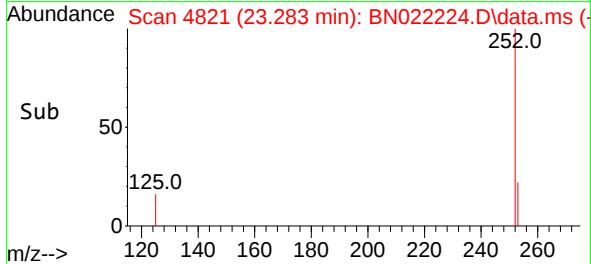
Instrument :
BNA_N
ClientSampleId :
C0BD3



Tgt Ion:252 Resp: 69396
Ion Ratio Lower Upper
252 100
253 23.9 0.0 49.0
125 18.5 0.0 35.2

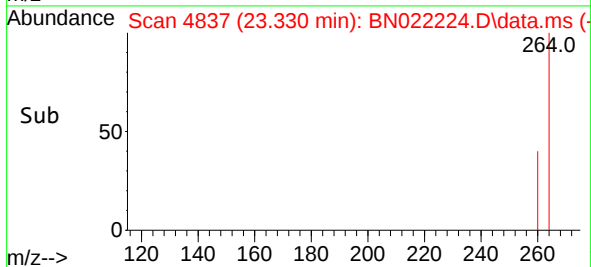
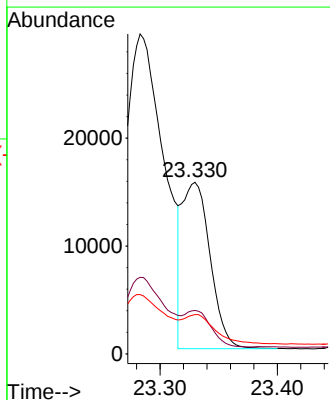
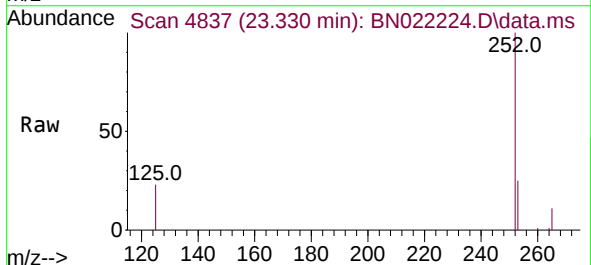
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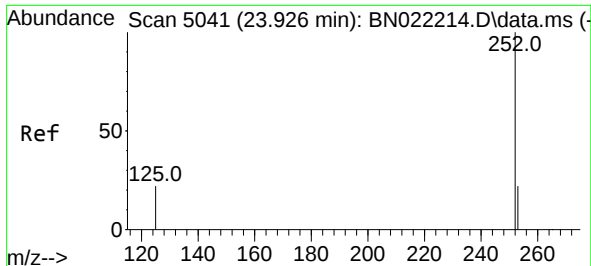
Reviewed By :Jagrut Upadhyay 10/21/2022
Supervised By :mohammad ahmed 10/21/2022



#25
Benzo(k)fluoranthene
Concen: 0.490 ng/ul m
RT: 23.330 min Scan# 4837
Delta R.T. -0.009 min
Lab File: BN022224.D
Acq: 20 Oct 2022 08:39

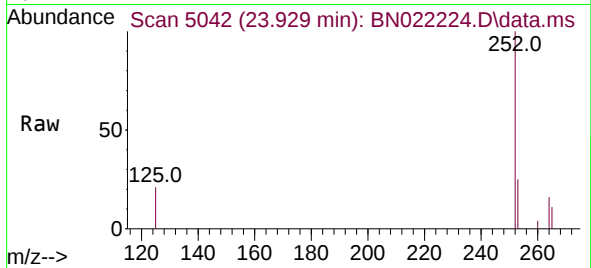
Tgt Ion:252 Resp: 25599
Ion Ratio Lower Upper
252 100
253 25.3 19.7 29.5
125 22.9 14.0 21.0#





#26
Benzo(a)pyrene
Concen: 1.003 ng/ul
RT: 23.929 min Scan# 5042
Delta R.T. -0.006 min
Lab File: BN022224.D
Acq: 20 Oct 2022 08:39

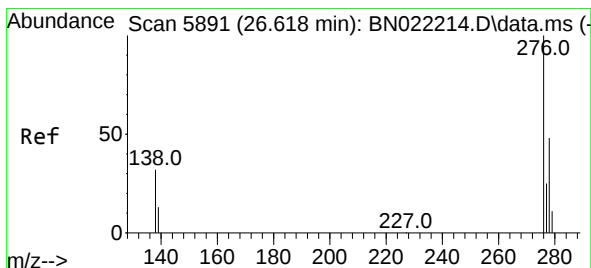
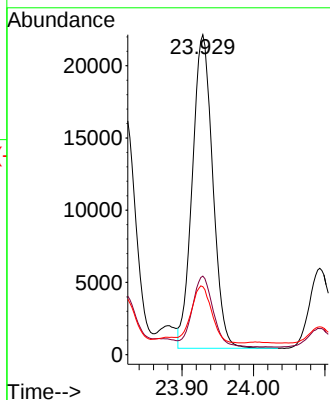
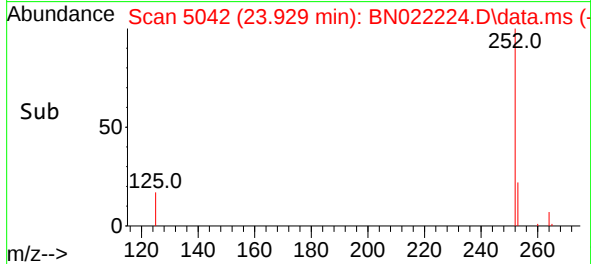
Instrument :
BNA_N
ClientSampleId :
C0BD3



Tgt Ion:252 Resp: 42990
Ion Ratio Lower Upper
252 100
253 24.5 21.0 31.6
125 21.2 17.9 26.9

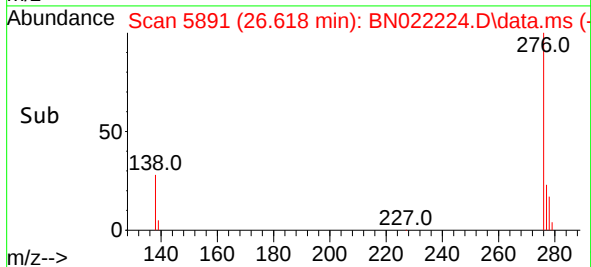
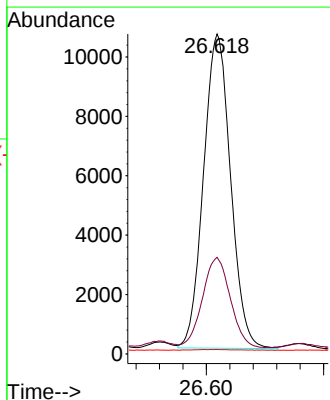
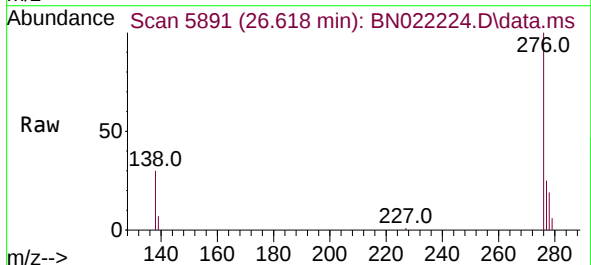
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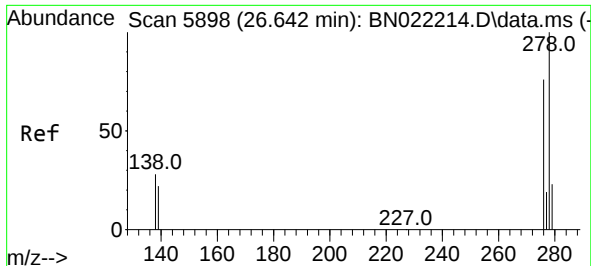
Reviewed By :Jagrut Upadhyay 10/21/2022
Supervised By :mohammad ahmed 10/21/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.637 ng/ul
RT: 26.618 min Scan# 5891
Delta R.T. -0.017 min
Lab File: BN022224.D
Acq: 20 Oct 2022 08:39

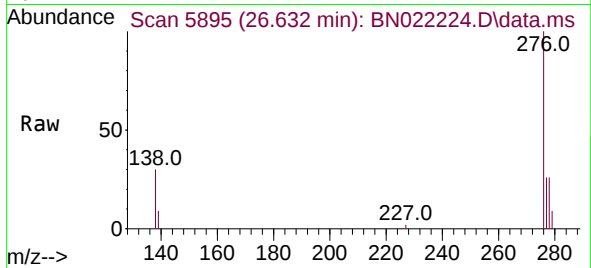
Tgt Ion:276 Resp: 33915
Ion Ratio Lower Upper
276 100
138 29.5 27.7 41.5
227 0.0 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.191 ng/ul
RT: 26.632 min Scan# 5898
Delta R.T. -0.024 min
Lab File: BN022224.D
Acq: 20 Oct 2022 08:39

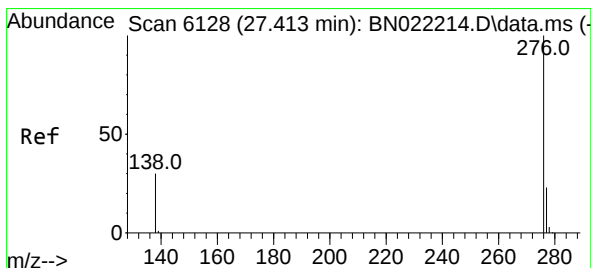
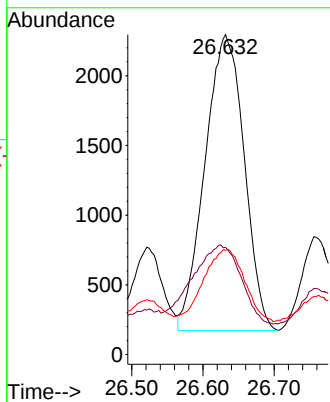
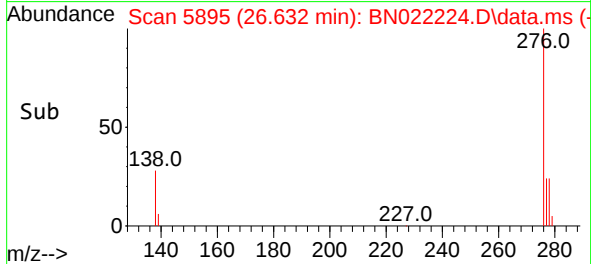
Instrument :
BNA_N
ClientSampleId :
C0BD3



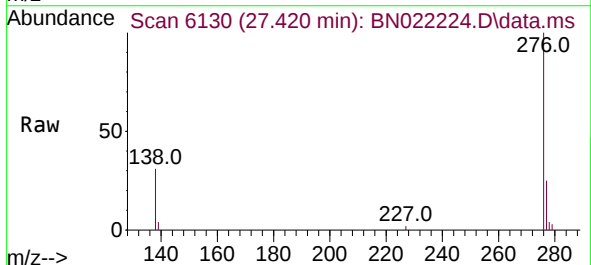
Tgt Ion:278 Resp: 8126
Ion Ratio Lower Upper
278 100
139 33.5 19.6 29.4
279 32.6 20.6 30.8

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



#29
Benzo(g,h,i)perylene
Concen: 0.660 ng/ul
RT: 27.420 min Scan# 6130
Delta R.T. -0.011 min
Lab File: BN022224.D
Acq: 20 Oct 2022 08:39



Tgt Ion:276 Resp: 28647
Ion Ratio Lower Upper
276 100
138 30.7 25.2 37.8
277 25.1 19.9 29.9

