

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052022\
 Data File : BN019873.D
 Acq On : 20 May 2022 17:40
 Operator : CG/JU
 Sample : N2843-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW4J2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/26/2022
 Supervised By :mohammad ahmed 05/27/2022

Quant Time: May 26 04:27:29 2022

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue May 17 01:41:05 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	4126	0.400	ng/ul	0.00
4) Naphthalene-d8	10.638	136	13802	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.473	164	8791	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.211	188	19396	0.400	ng/ul	0.00
17) Chrysene-d12	21.400	240	18014	0.400	ng/ul	0.00
23) Perylene-d12	23.741	264	15392	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	19666	4.027	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.227	152	5829	0.279	ng/ul	0.00
18) Fluoranthene-d10	19.242	212	15986	0.280	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.687	128	6482	0.145	ng/ul	98
7) 2-Methylnaphthalene	12.304	142	4847	0.178	ng/ul#	100
8) 1-Methylnaphthalene	12.519	142	3784	0.150	ng/ul#	100
11) Acenaphthene	14.538	153	2633	0.075	ng/ul	98
12) Fluorene	15.518	166	4304	0.112	ng/ul#	94
15) Phenanthrene	17.254	178	41359	0.580	ng/ul	100
16) Anthracene	17.342	178	9705	0.167	ng/ul	97
19) Fluoranthene	19.270	202	58096	0.705	ng/ul	99
20) Pyrene	19.632	202	50454	0.613	ng/ul	99
21) Benzo(a)anthracene	21.385	228	25391	0.377	ng/ul	97
22) Chrysene	21.435	228	26224	0.331	ng/ul	96
24) Benzo(b)fluoranthene	23.033	252	27987m	0.358	ng/ul	
25) Benzo(k)fluoranthene	23.071	252	9051m	0.120	ng/ul	
26) Benzo(a)pyrene	23.636	252	18637	0.280	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.141	276	10241	0.123	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.151	278	2661	0.038	ng/ul#	77
29) Benzo(g,h,i)perylene	26.879	276	7583	0.100	ng/ul#	91

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

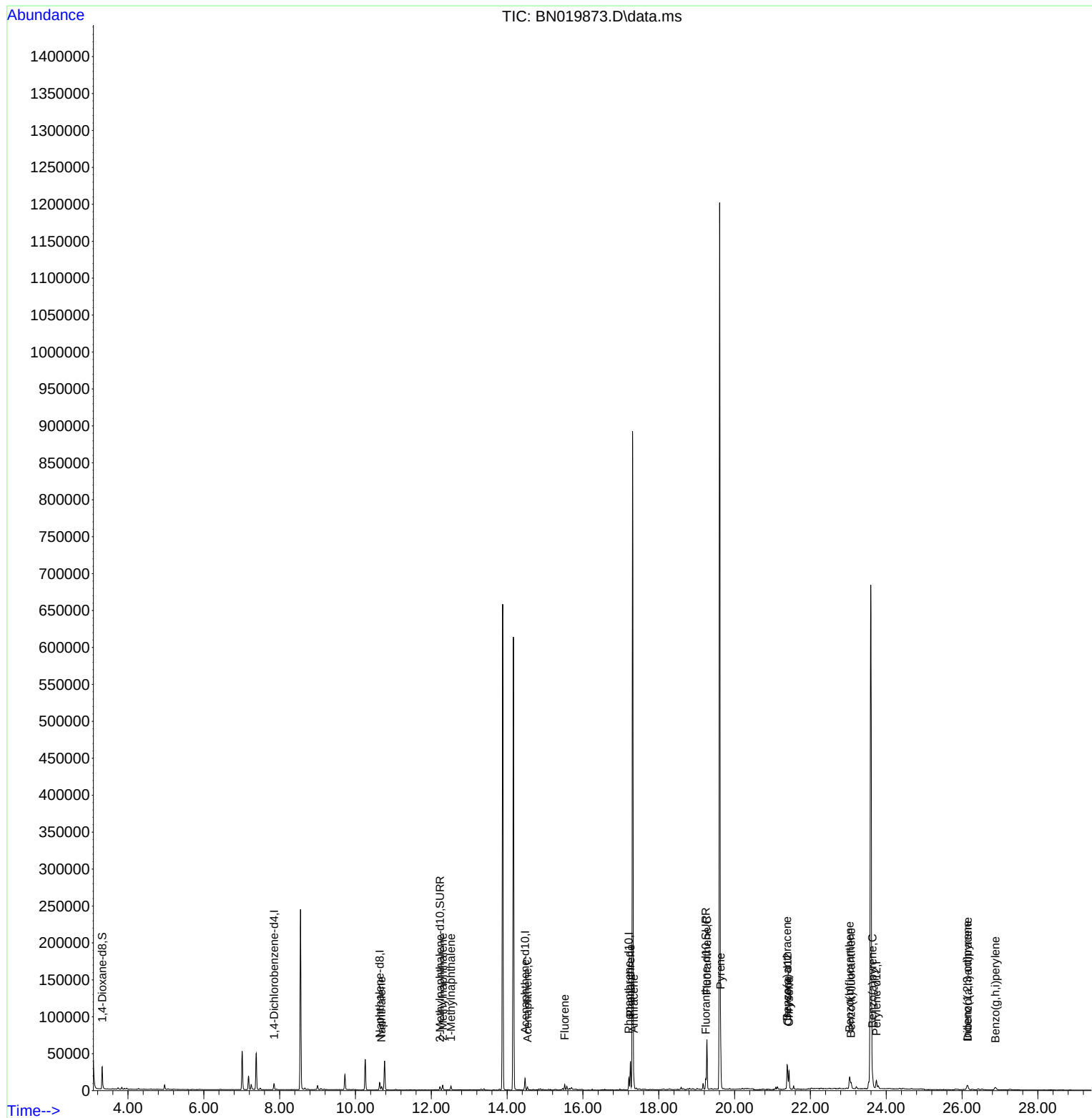
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052022\
Data File : BN019873.D
Acq On : 20 May 2022 17:40
Operator : CG/JU
Sample : N2843-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

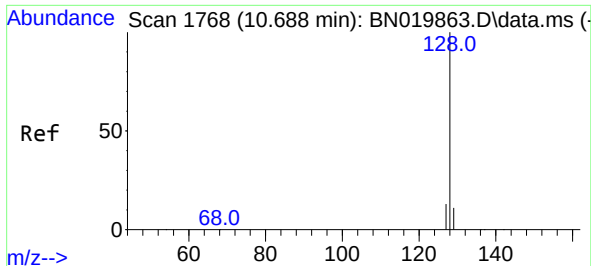
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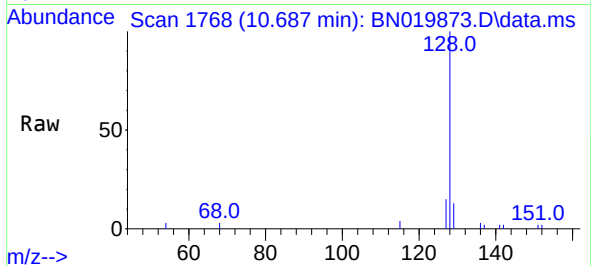
Quant Time: May 26 04:27:29 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 01:41:05 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.145 ng/ul
RT: 10.687 min Scan# 1768
Delta R.T. -0.007 min
Lab File: BN019873.D
Acq: 20 May 2022 17:40

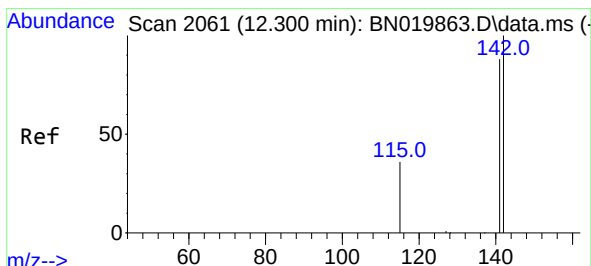
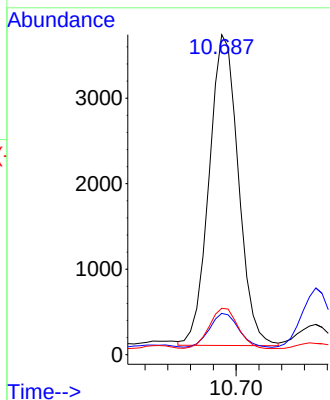
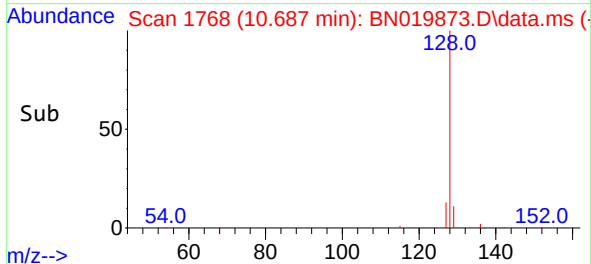
Instrument :
BNA_N
ClientSampleId :
EW4J2



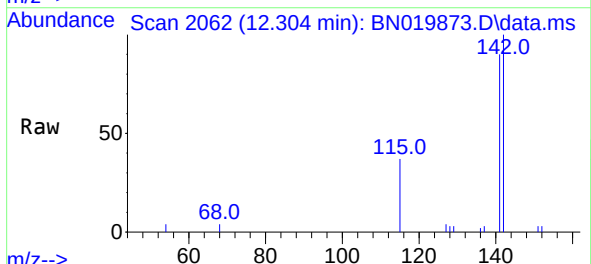
Tgt Ion:128 Resp: 6482
Ion Ratio Lower Upper
128 100
129 12.9 9.5 14.3
127 14.5 11.0 16.4

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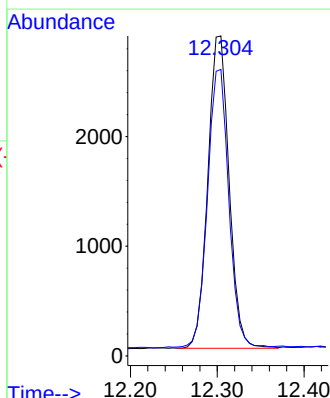
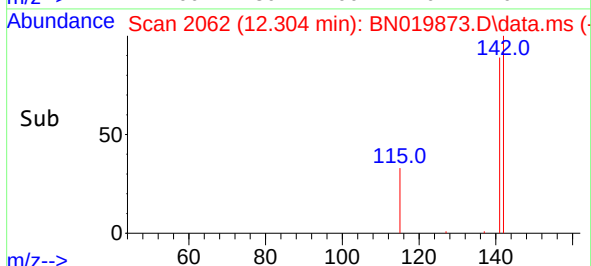
Reviewed By :Jagrut Upadhyay 05/26/2022
Supervised By :mohammad ahmed 05/27/2022

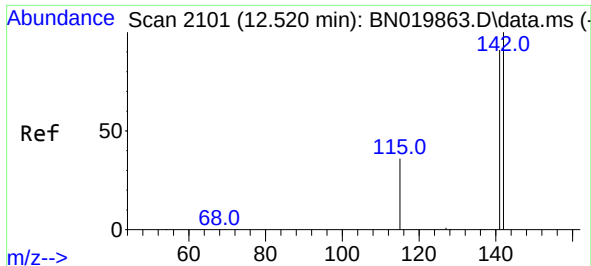


#7
2-Methylnaphthalene
Concen: 0.178 ng/ul
RT: 12.304 min Scan# 2062
Delta R.T. -0.001 min
Lab File: BN019873.D
Acq: 20 May 2022 17:40



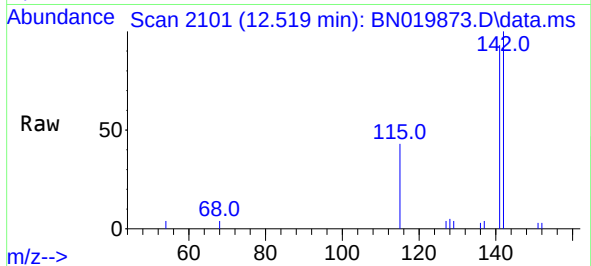
Tgt Ion:142 Resp: 4847
Ion Ratio Lower Upper
142 100
141 89.7 0.0 0.0#





#8
1-Methylnaphthalene
Concen: 0.150 ng/ul
RT: 12.519 min Scan# 2101
Delta R.T. -0.007 min
Lab File: BN019873.D
Acq: 20 May 2022 17:40

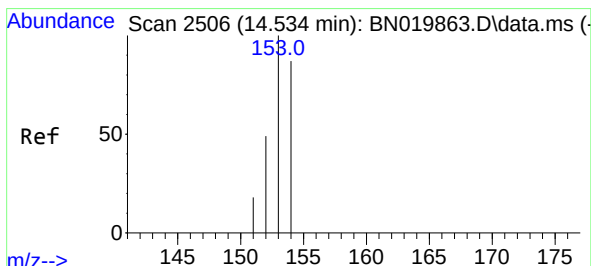
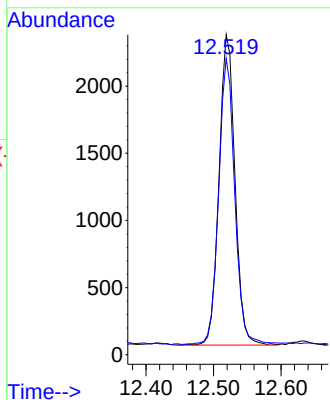
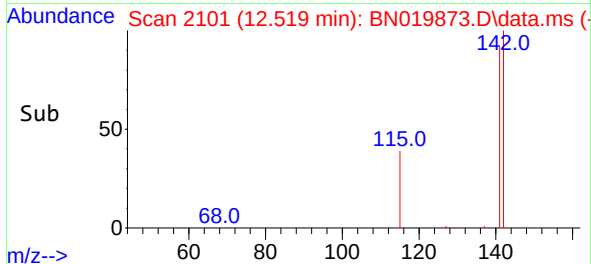
Instrument :
BNA_N
ClientSampleId :
EW4J2



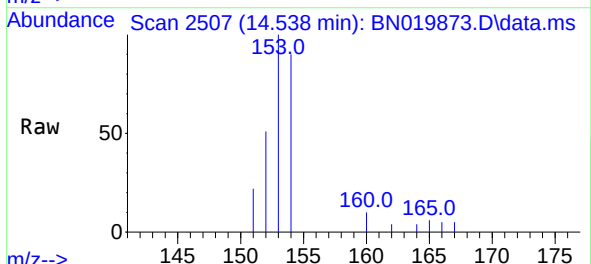
Tgt Ion:142 Resp: 3784
Ion Ratio Lower Upper
142 100
141 93.0 0.0 0.0

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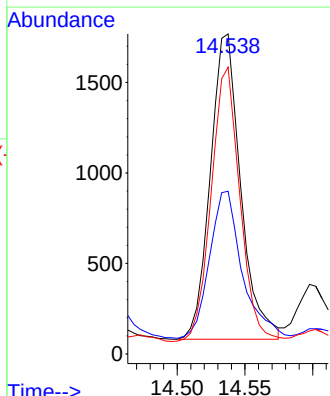
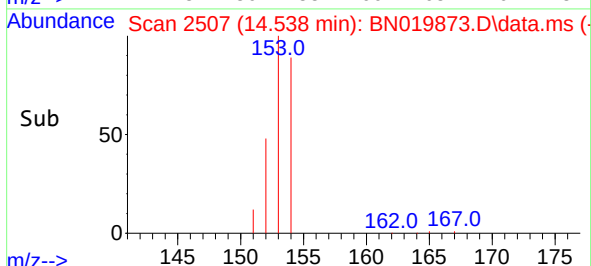
Reviewed By :Jagrut Upadhyay 05/26/2022
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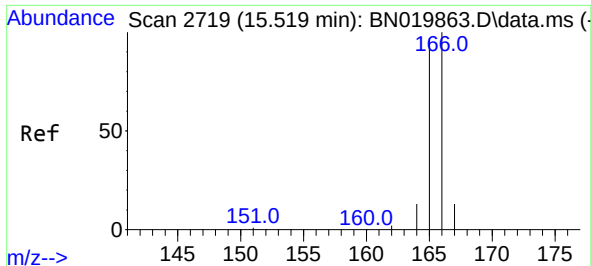


#11
Acenaphthene
Concen: 0.075 ng/ul
RT: 14.538 min Scan# 2507
Delta R.T. -0.001 min
Lab File: BN019873.D
Acq: 20 May 2022 17:40



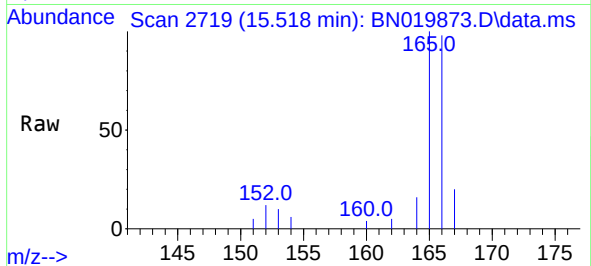
Tgt Ion:153 Resp: 2633
Ion Ratio Lower Upper
153 100
152 50.8 38.6 57.8
154 89.6 71.2 106.8





#12
Fluorene
Concen: 0.112 ng/u1
RT: 15.518 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN019873.D
Acq: 20 May 2022 17:40

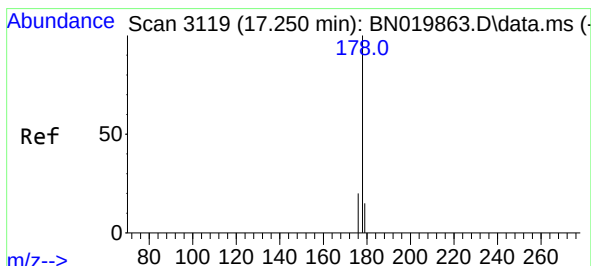
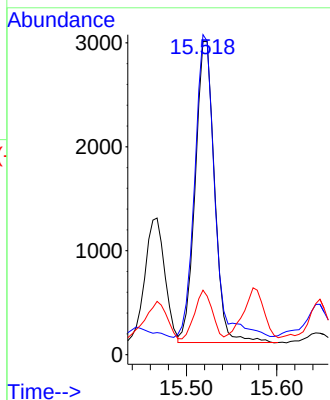
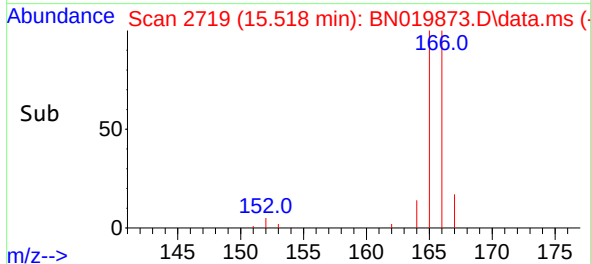
Instrument :
BNA_N
ClientSampleId :
EW4J2



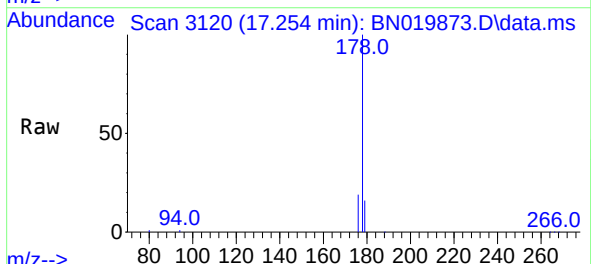
Tgt Ion:166 Resp: 4304
Ion Ratio Lower Upper
166 100
165 102.2 78.2 117.2
167 20.6 11.3 16.9

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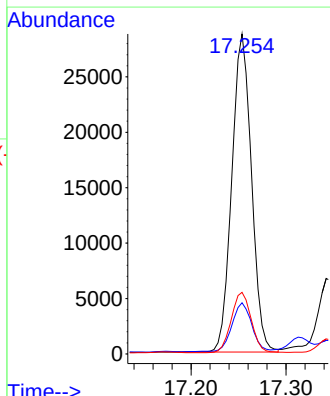
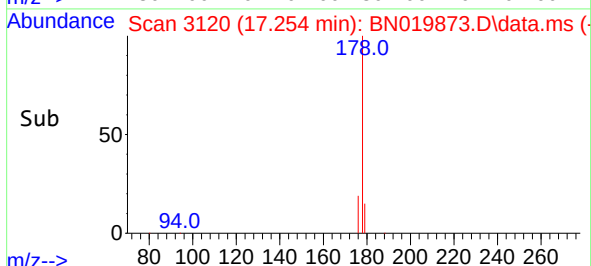
Reviewed By :Jagrut Upadhyay 05/26/2022
Supervised By :mohammad ahmed 05/27/2022

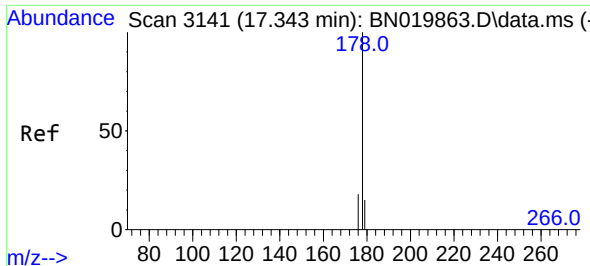


#15
Phenanthrene
Concen: 0.580 ng/u1
RT: 17.254 min Scan# 3120
Delta R.T. -0.001 min
Lab File: BN019873.D
Acq: 20 May 2022 17:40



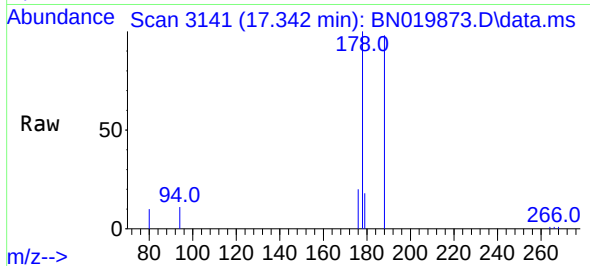
Tgt Ion:178 Resp: 41359
Ion Ratio Lower Upper
178 100
179 16.0 12.9 19.3
176 19.2 15.5 23.3





#16
 Anthracene
 Concen: 0.167 ng/ul
 RT: 17.342 min Scan# 3141
 Delta R.T. -0.006 min
 Lab File: BN019873.D
 Acq: 20 May 2022 17:40

Instrument :
 BNA_N
 ClientSampleId :
 EW4J2

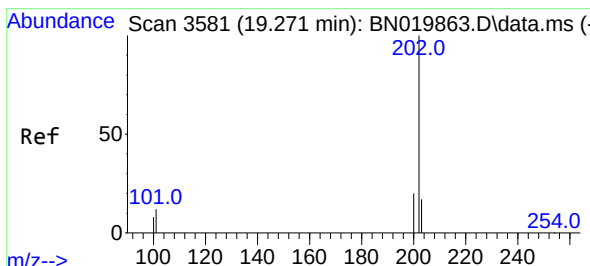
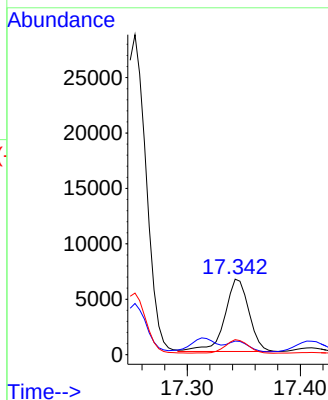
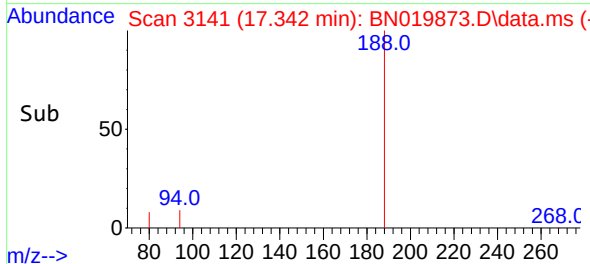


Tgt Ion:178 Resp: 9705

Ion	Ratio	Lower	Upper
178	100		
179	18.1	13.1	19.7
176	19.9	15.3	22.9

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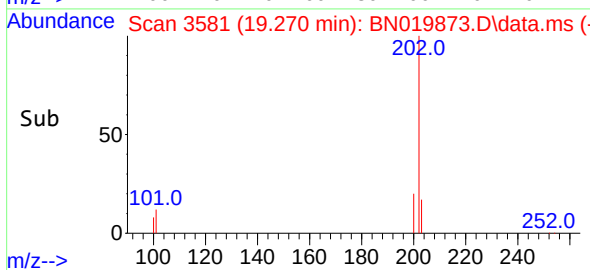
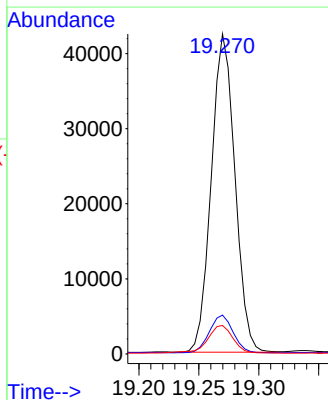
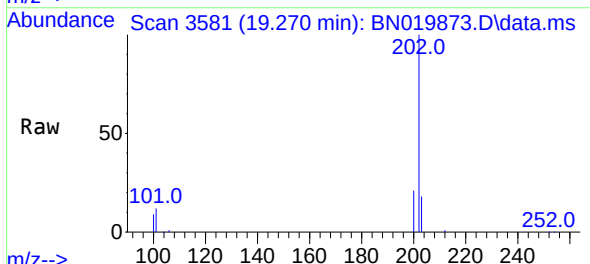
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 Supervised By :mohammad ahmed 05/27/2022

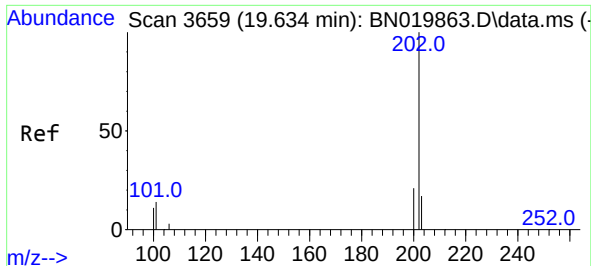


#19
 Fluoranthene
 Concen: 0.705 ng/ul
 RT: 19.270 min Scan# 3581
 Delta R.T. -0.002 min
 Lab File: BN019873.D
 Acq: 20 May 2022 17:40

Tgt Ion:202 Resp: 58096

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.7	14.5
100	8.9	7.4	11.2





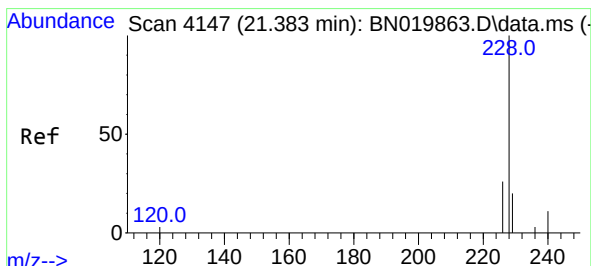
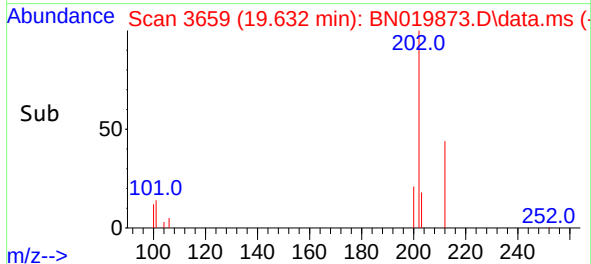
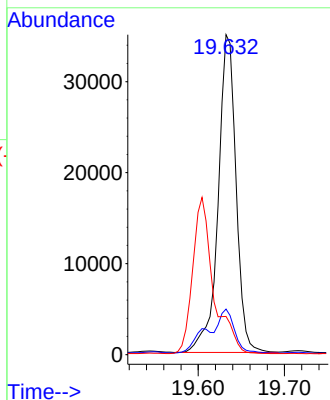
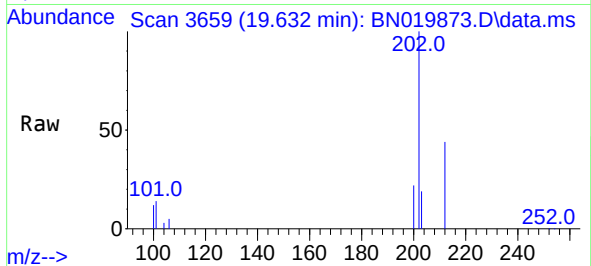
#20
Pyrene
Concen: 0.613 ng/ul
RT: 19.632 min Scan# 3045
Delta R.T. -0.002 min
Lab File: BN019873.D
Acq: 20 May 2022 17:40

Instrument :
BNA_N
ClientSampleId :
EW4J2

Tgt Ion:202 Resp: 50454
Ion Ratio Lower Upper
202 100
101 14.2 11.4 17.0
100 12.0 9.0 13.4

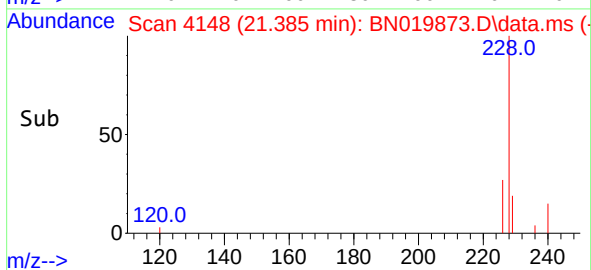
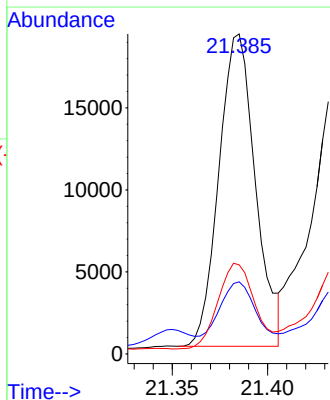
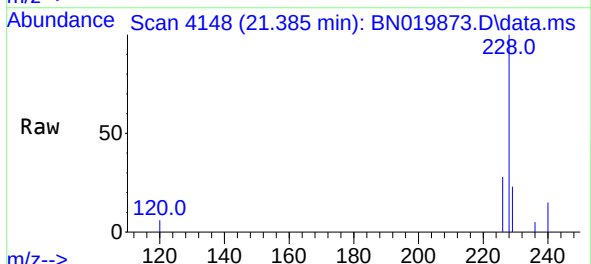
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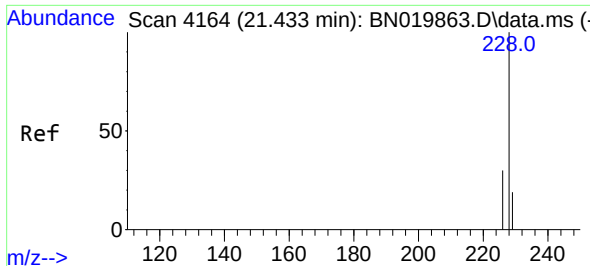
Reviewed By :Jagrut Upadhyay 05/26/2022
Supervised By :mohammad ahmed 05/27/2022



#21
Benzo(a)anthracene
Concen: 0.377 ng/ul
RT: 21.385 min Scan# 4148
Delta R.T. -0.003 min
Lab File: BN019873.D
Acq: 20 May 2022 17:40

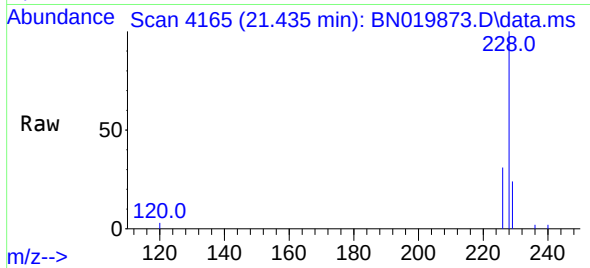
Tgt Ion:228 Resp: 25391
Ion Ratio Lower Upper
228 100
229 22.6 16.1 24.1
226 27.9 22.1 33.1





#22
Chrysene
Concen: 0.331 ng/ul
RT: 21.435 min Scan# 4164
Delta R.T. -0.006 min
Lab File: BN019873.D
Acq: 20 May 2022 17:40

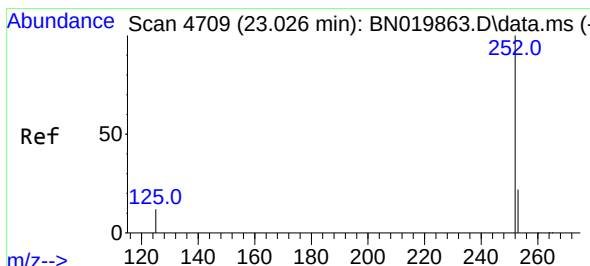
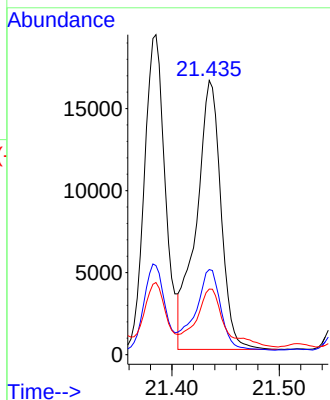
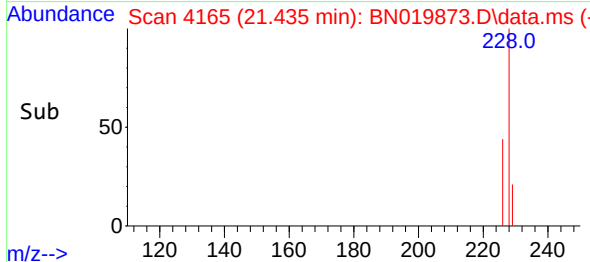
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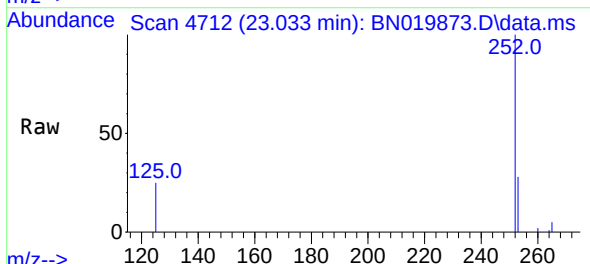
Tgt Ion:228 Resp: 26224
Ion Ratio Lower Upper
228 100
226 31.0 24.2 36.2
229 23.9 16.0 24.0

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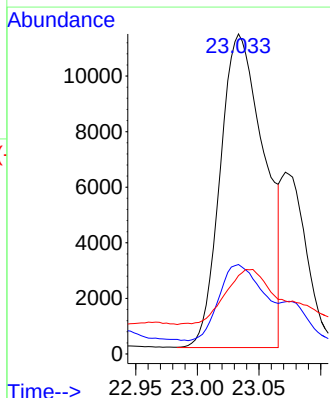
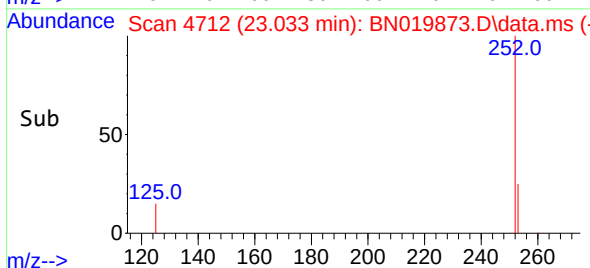
Reviewed By :Jagrut Upadhyay 05/26/2022
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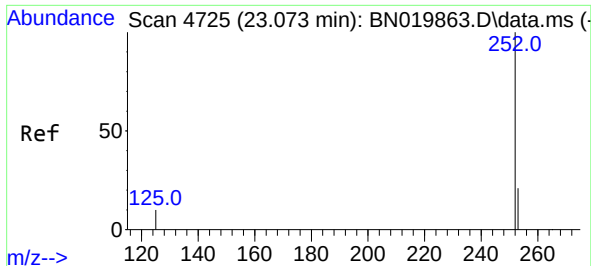


#24
Benzo(b)fluoranthene
Concen: 0.358 ng/ul m
RT: 23.033 min Scan# 4712
Delta R.T. -0.000 min
Lab File: BN019873.D
Acq: 20 May 2022 17:40



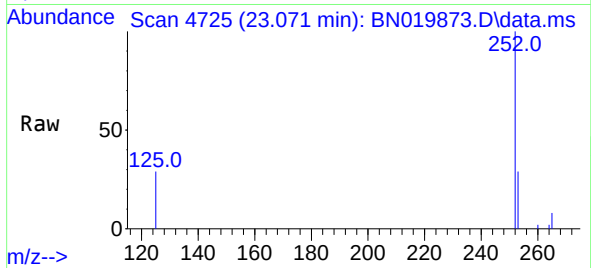
Tgt Ion:252 Resp: 27987
Ion Ratio Lower Upper
252 100
253 27.9 0.0 52.0
125 24.5 0.0 40.2





#25
Benzo(k)fluoranthene
Concen: 0.120 ng/ul m
RT: 23.071 min Scan# 41
Delta R.T. -0.009 min
Lab File: BN019873.D
Acq: 20 May 2022 17:40

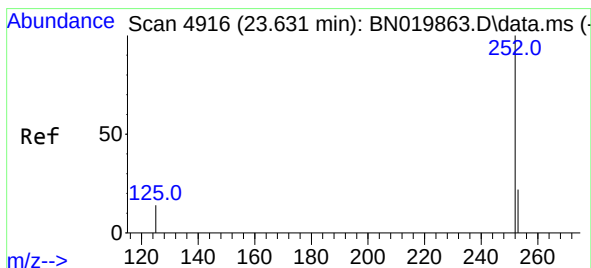
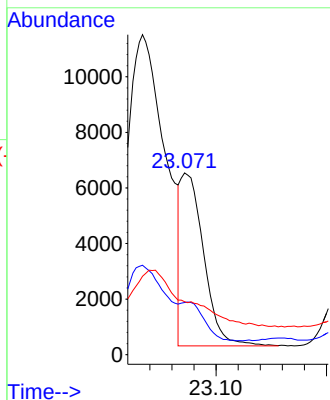
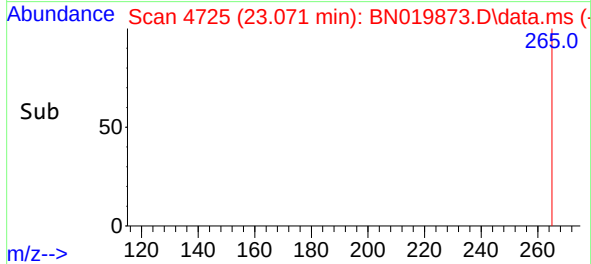
Instrument :
BNA_N
ClientSampleId :
EW4J2



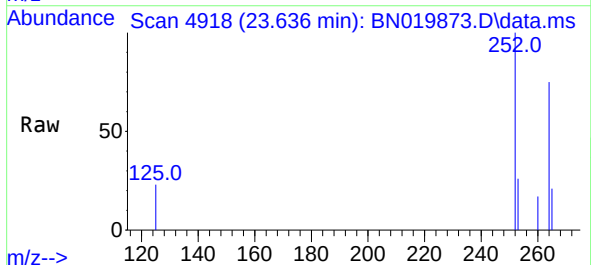
Tgt Ion:252 Resp: 905
Ion Ratio Lower Upper
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253 28.7 20.2 30.2
125 29.1 11.0 16.6

Manual Integrations
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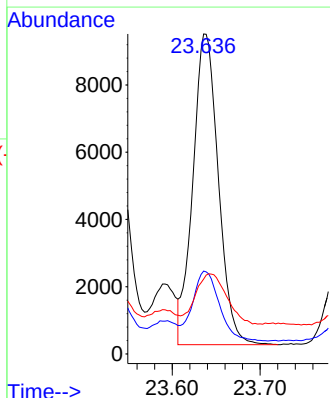
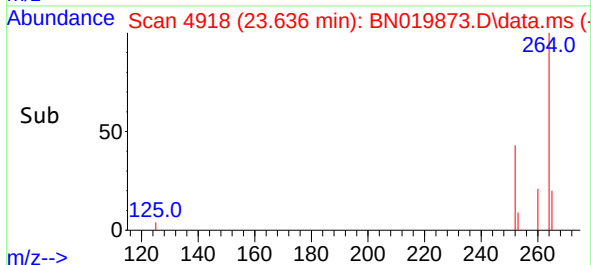
Reviewed By :Jagrut Upadhyay 05/26/2022
Supervised By :mohammad ahmed 05/27/2022

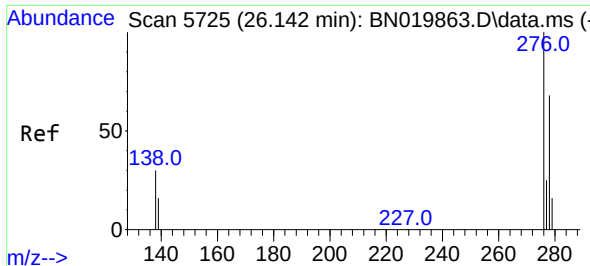


#26
Benzo(a)pyrene
Concen: 0.280 ng/ul
RT: 23.636 min Scan# 4918
Delta R.T. -0.003 min
Lab File: BN019873.D
Acq: 20 May 2022 17:40



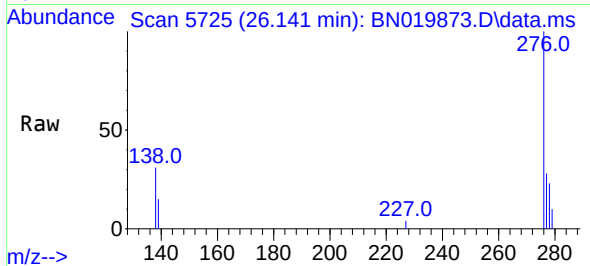
Tgt Ion:252 Resp: 18637
Ion Ratio Lower Upper
252 100
253 25.9 23.4 35.0
125 23.4 28.3 42.5





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.123 ng/ul
RT: 26.141 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN019873.D
Acq: 20 May 2022 17:40

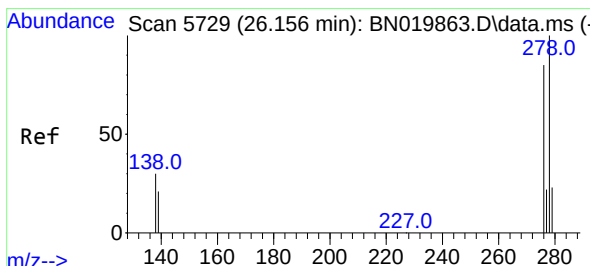
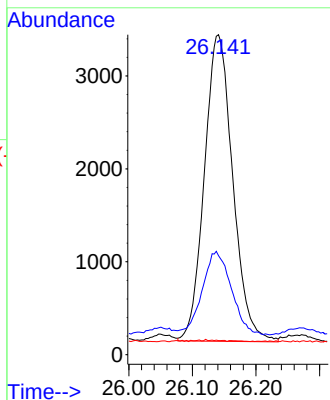
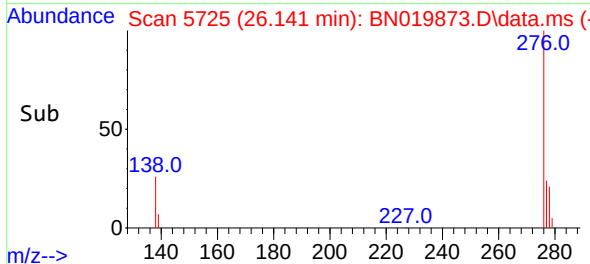
Instrument :
BNA_N
ClientSampleId :
EW4J2



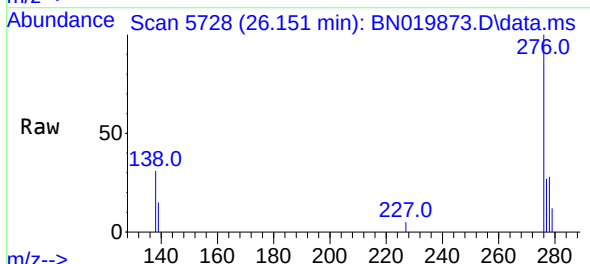
Tgt Ion:276 Resp: 1024
Ion Ratio Lower Upper
276 100
138 27.8 23.6 35.4
227 0.0 0.0 0.0

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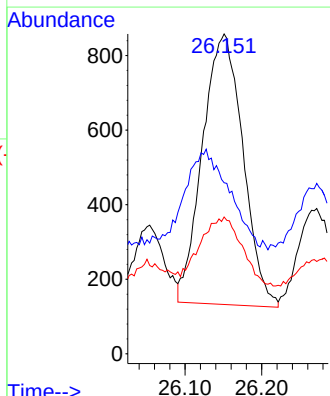
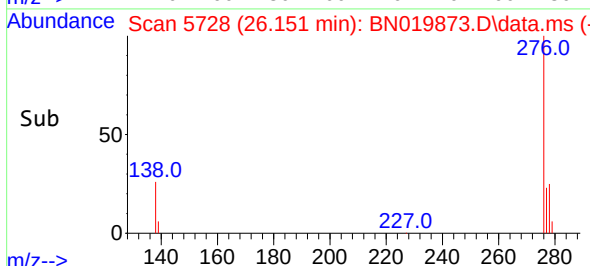
Reviewed By :Jagrut Upadhyay 05/26/2022
Supervised By :mohammad ahmed 05/27/2022

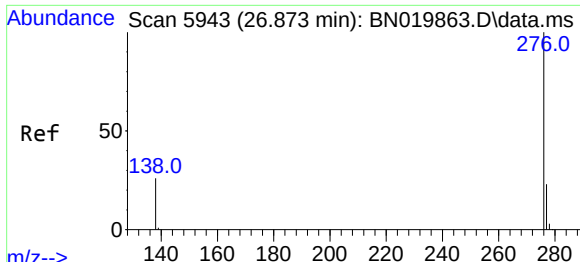


#28
Dibenzo(a,h)anthracene
Concen: 0.038 ng/ul
RT: 26.151 min Scan# 5728
Delta R.T. -0.013 min
Lab File: BN019873.D
Acq: 20 May 2022 17:40



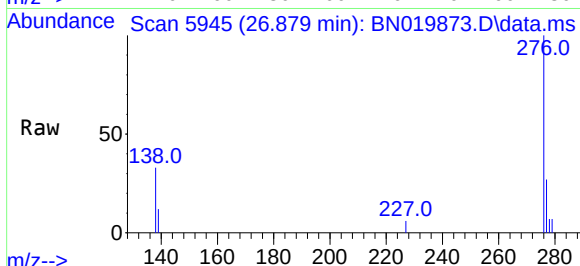
Tgt Ion:278 Resp: 2661
Ion Ratio Lower Upper
278 100
139 53.5 18.6 28.0#
279 42.8 35.1 52.7





#29
 Benzo(g,h,i)perylene
 Concen: 0.100 ng/ul
 RT: 26.879 min Scan# 5945
 Delta R.T. -0.000 min
 Lab File: BN019873.D
 Acq: 20 May 2022 17:40

Instrument :
 BNA_N
 ClientSampleId :
 EW4J2



Tgt Ion: 276 Resp: 758
 Ion Ratio Lower Upper
 276 100
 138 33.0 20.9 31.3
 277 27.3 20.4 30.6

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/26/2022
 Supervised By :mohammad ahmed 05/27/2022

