

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027072.D
 Acq On : 23 Aug 2023 21:33
 Operator : MA/JU
 Sample : 03968-32
 Misc :
 ALS Vial : 93 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48Q0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/24/2023
 Supervised By :mohammad ahmed 08/24/2023

Quant Time: Aug 24 01:39:53 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 23 02:28:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.089	152	11487	0.400	ng/ul	0.00
4) Naphthalene-d8	10.916	136	38549	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.717	164	22710	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.464	188	62354	0.400	ng/ul	0.00
17) Chrysene-d12	21.638	240	42950	0.400	ng/ul	# 0.00
23) Perylene-d12	24.176	264	37968	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.435	96	43980	3.225	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.489	152	8951	0.158	ng/ul	0.00
18) Fluoranthene-d10	19.483	212	24196	0.178	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.966	128	12227	0.112	ng/ul	98
7) 2-Methylnaphthalene	12.561	142	6412	0.097	ng/ul	100
8) 1-Methylnaphthalene	12.781	142	5262	0.076	ng/ul	99
10) Acenaphthylene	14.448	152	22047	0.173	ng/ul	98
11) Acenaphthene	14.782	153	24797	0.282	ng/ul	99
12) Fluorene	15.762	166	24997	0.251	ng/ul	99
15) Phenanthrene	17.506	178	518541	2.531	ng/ul	100
16) Anthracene	17.599	178	104841	0.566	ng/ul	99
19) Fluoranthene	19.511	202	851076	4.771	ng/ul	98
20) Pyrene	19.878	202	918646m	4.826	ng/ul	
21) Benzo(a)anthracene	21.621	228	420484	2.462	ng/ul	99
22) Chrysene	21.676	228	438624	2.601	ng/ul	98
24) Benzo(b)fluoranthene	23.389	252	454950m	3.168	ng/ul	
25) Benzo(k)fluoranthene	23.436	252	173173m	1.223	ng/ul	
26) Benzo(a)pyrene	24.062	252	337953	2.608	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.854	276	161334	0.952	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.874	278	39617	0.293	ng/ul#	90
29) Benzo(g,h,i)perylene	27.693	276	154339	1.093	ng/ul	100

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

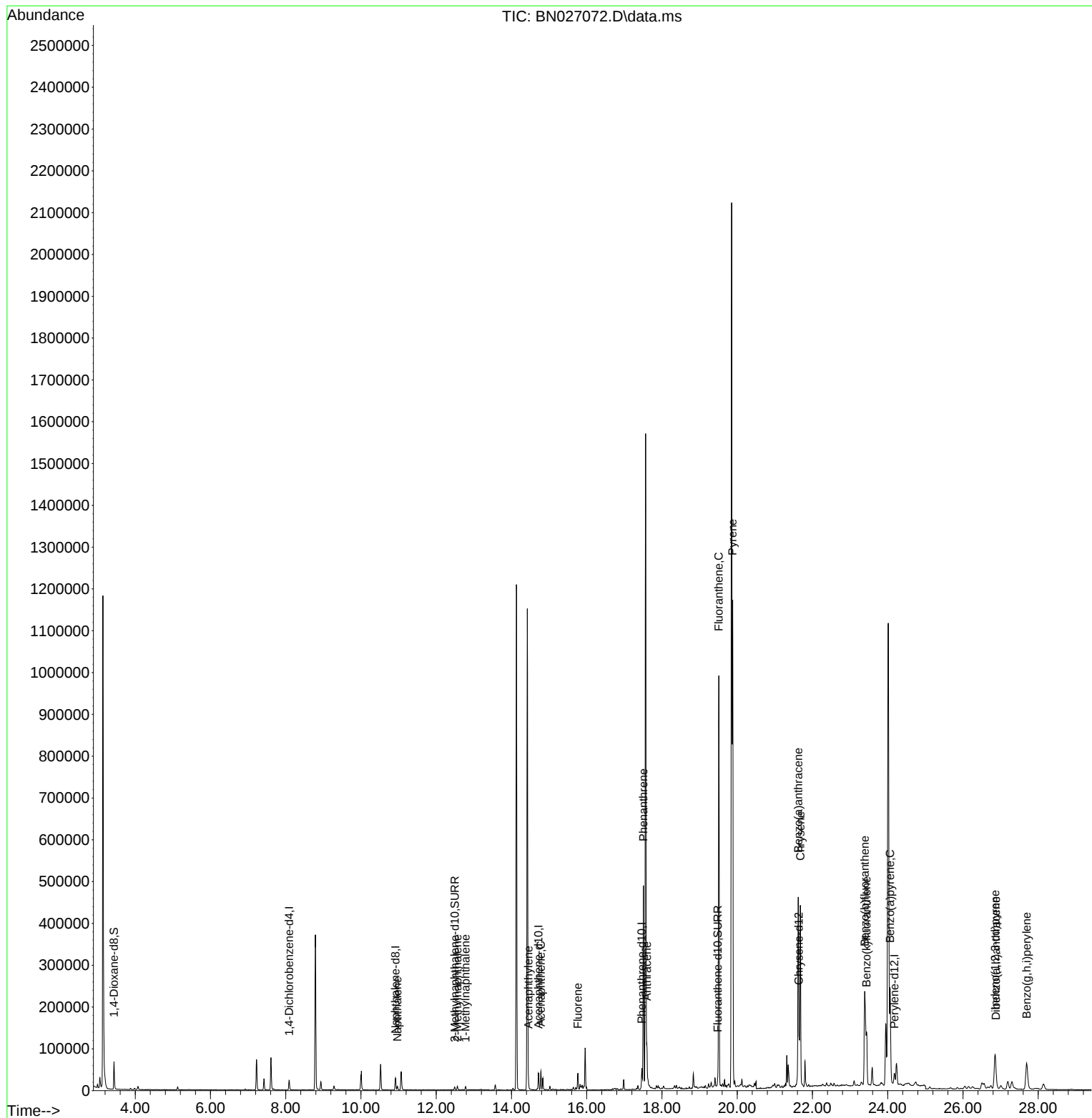
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
Data File : BN027072.D
Acq On : 23 Aug 2023 21:33
Operator : MA/JU
Sample : 03968-32
Misc :
ALS Vial : 93 Sample Multiplier: 1

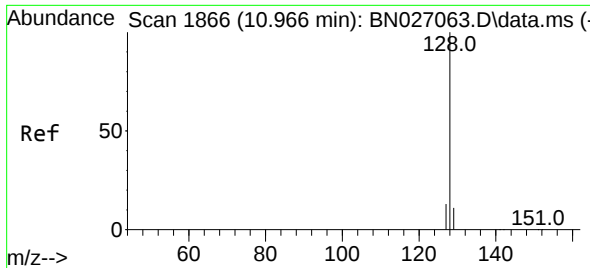
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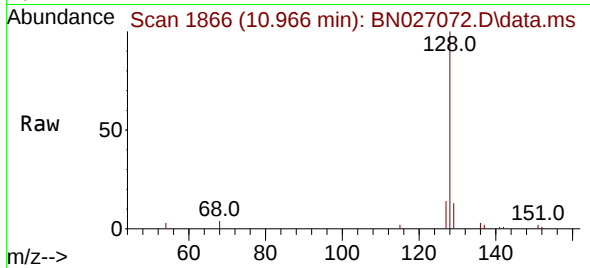
Quant Time: Aug 24 01:39:53 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 23 02:28:27 2023
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#5
Naphthalene
Concen: 0.112 ng/ul
RT: 10.966 min Scan# 1866
Delta R.T. -0.005 min
Lab File: BN027072.D
Acq: 23 Aug 2023 21:33

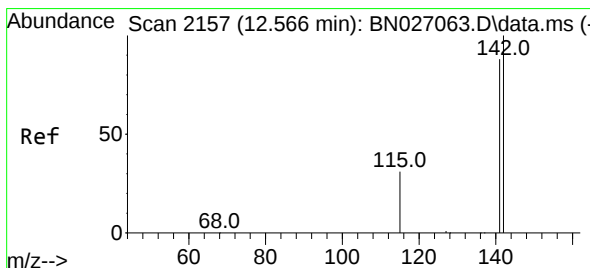
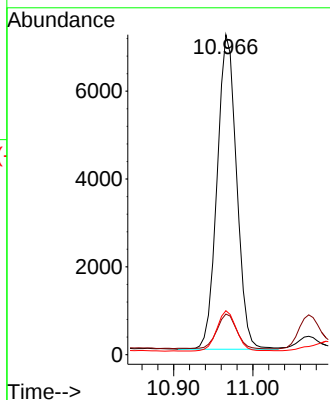
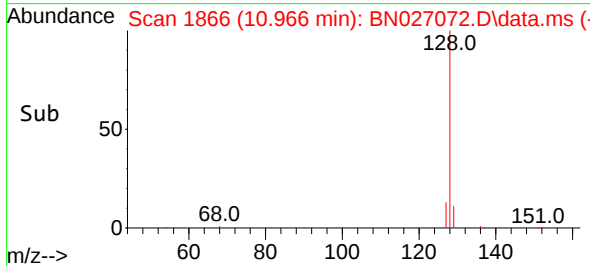
Instrument :
BNA_N
ClientSampleId :
A48Q0



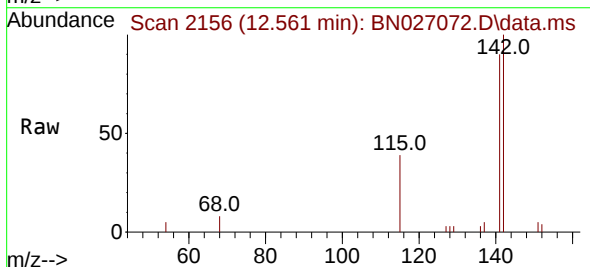
Tgt Ion:128 Resp: 1222
Ion Ratio Lower Upper
128 100
129 12.7 9.2 13.8
127 13.7 10.5 15.7

Manual Integrations
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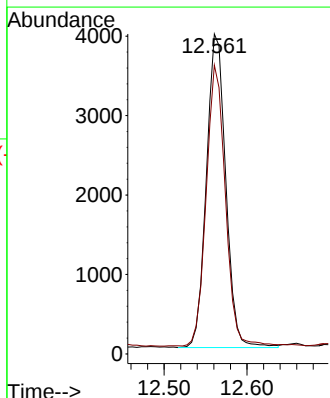
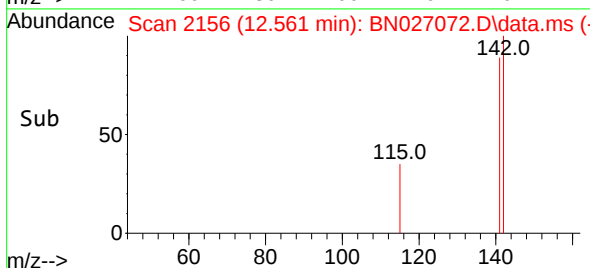
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

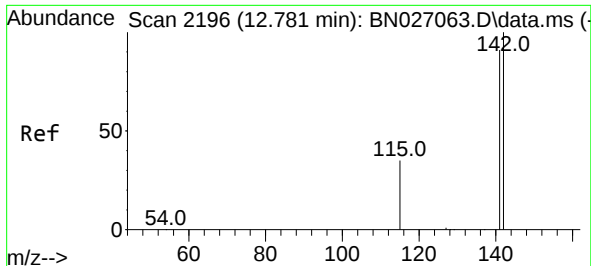


#7
2-Methylnaphthalene
Concen: 0.097 ng/ul
RT: 12.561 min Scan# 2156
Delta R.T. -0.006 min
Lab File: BN027072.D
Acq: 23 Aug 2023 21:33



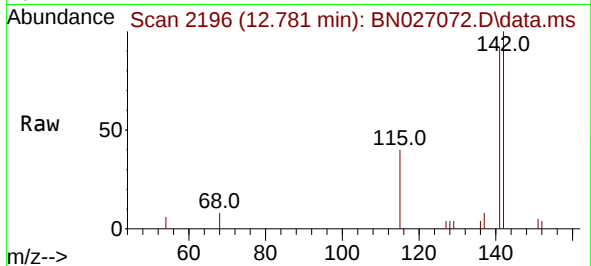
Tgt Ion:142 Resp: 6412
Ion Ratio Lower Upper
142 100
141 88.6 70.9 106.3





#8
1-Methylnaphthalene
Concen: 0.076 ng/ul
RT: 12.781 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BN027072.D
Acq: 23 Aug 2023 21:33

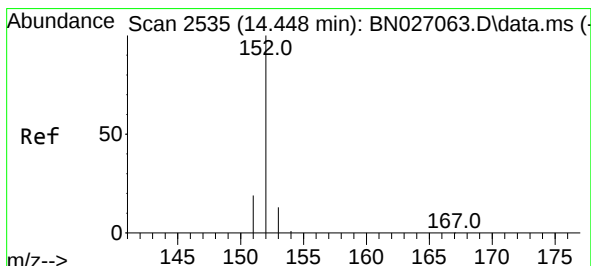
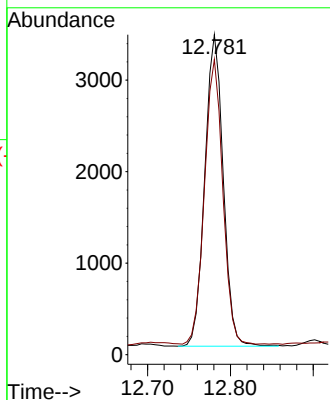
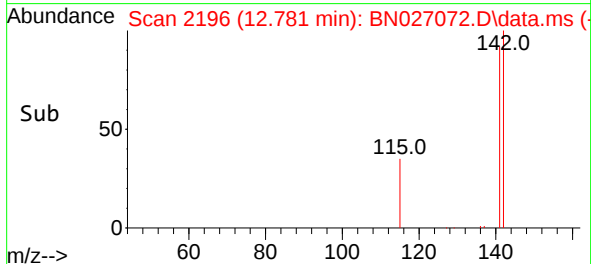
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 526
Ion Ratio Lower Upper
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141 90.6 73.2 109.8

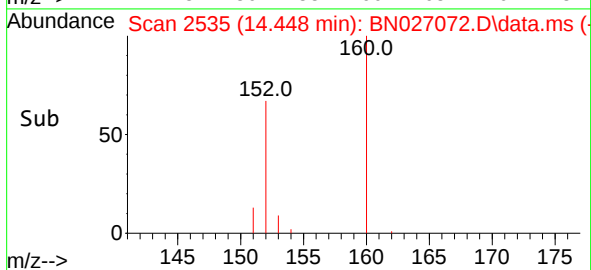
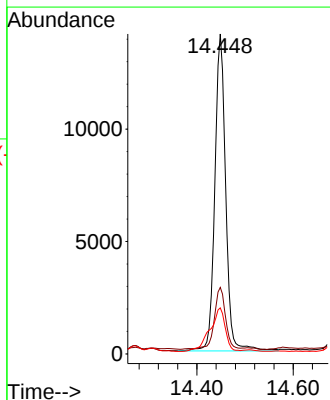
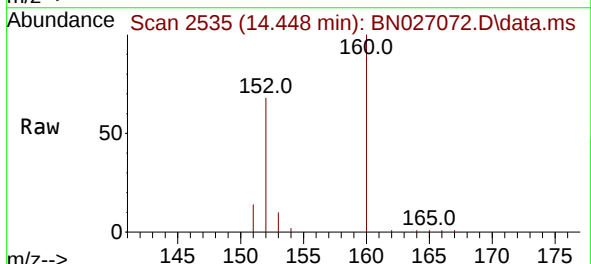
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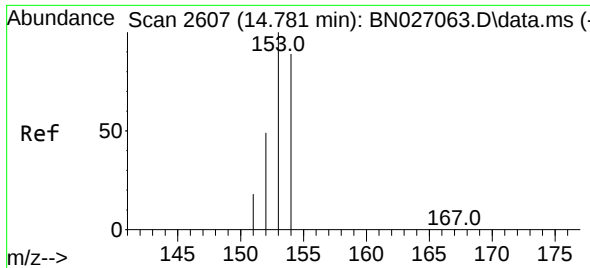
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#10
Acenaphthylene
Concen: 0.173 ng/ul
RT: 14.448 min Scan# 2535
Delta R.T. -0.005 min
Lab File: BN027072.D
Acq: 23 Aug 2023 21:33

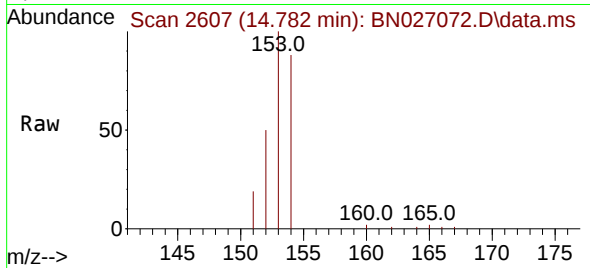
Tgt Ion:152 Resp: 22047
Ion Ratio Lower Upper
152 100
151 20.8 15.9 23.9
153 14.4 11.0 16.6





#11
Acenaphthene
Concen: 0.282 ng/ul
RT: 14.782 min Scan# 2607
Delta R.T. -0.005 min
Lab File: BN027072.D
Acq: 23 Aug 2023 21:33

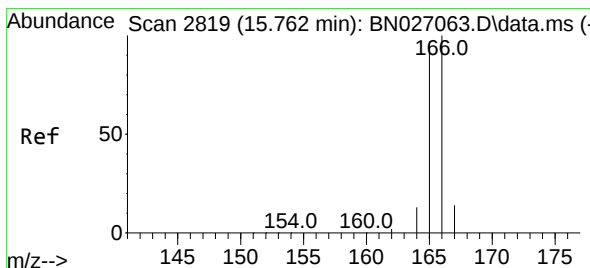
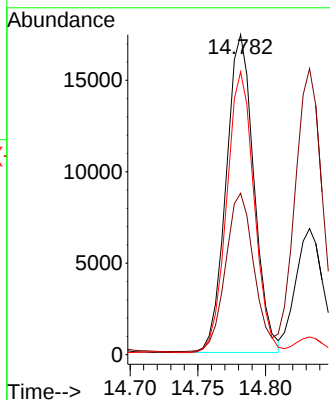
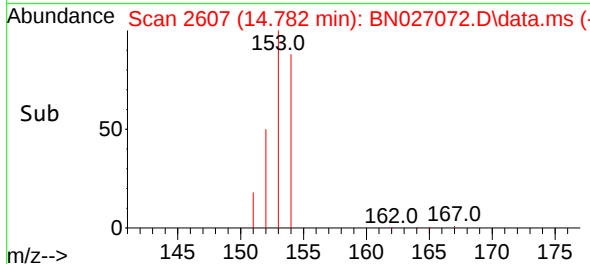
Instrument :
BNA_N
ClientSampleId :
A48Q0



Tgt Ion:153 Resp: 24797
Ion Ratio Lower Upper
153 100
152 50.4 41.1 61.7
154 88.4 71.6 107.4

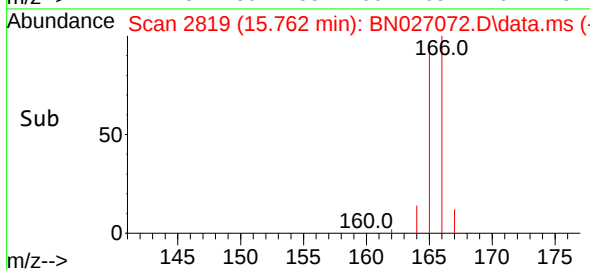
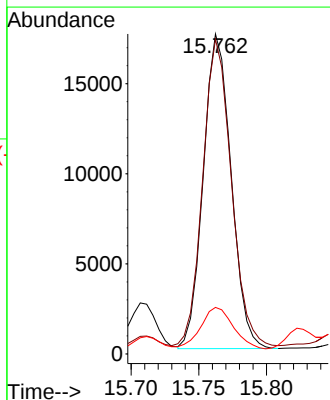
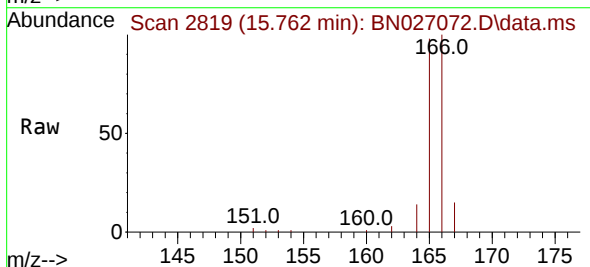
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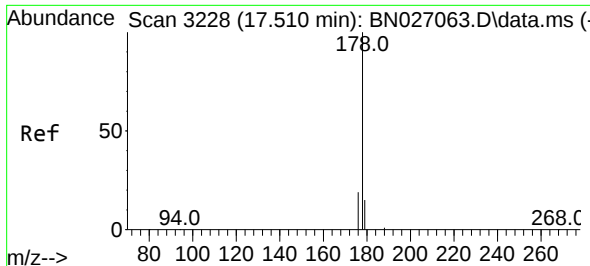
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#12
Fluorene
Concen: 0.251 ng/ul
RT: 15.762 min Scan# 2819
Delta R.T. -0.005 min
Lab File: BN027072.D
Acq: 23 Aug 2023 21:33

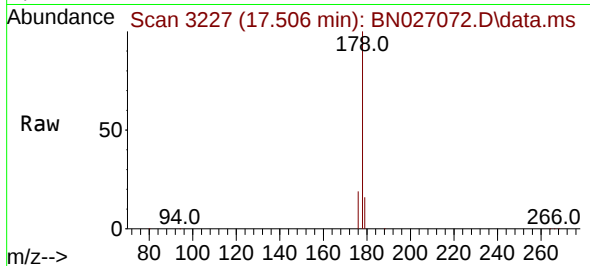
Tgt Ion:166 Resp: 24997
Ion Ratio Lower Upper
166 100
165 98.3 79.1 118.7
167 14.5 11.4 17.0





#15
Phenanthrene
Concen: 2.531 ng/u1
RT: 17.506 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN027072.D
Acq: 23 Aug 2023 21:33

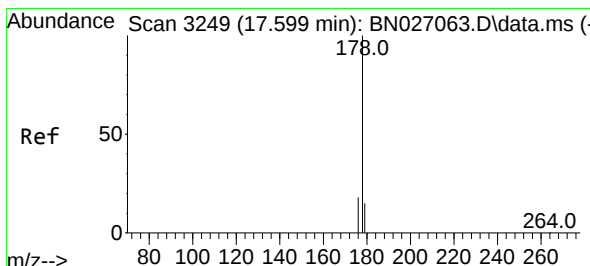
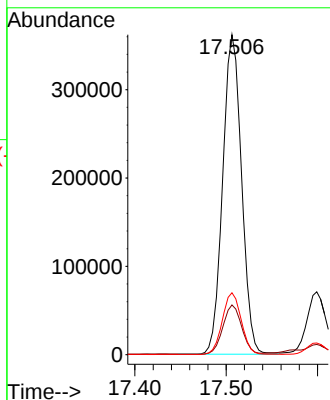
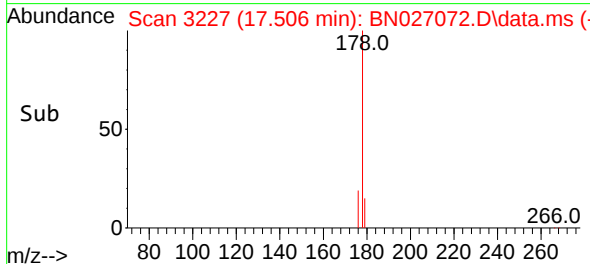
Instrument :
BNA_N
ClientSampleId :
A48Q0



Tgt Ion:178 Resp: 51854
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 19.4 15.4 23.2

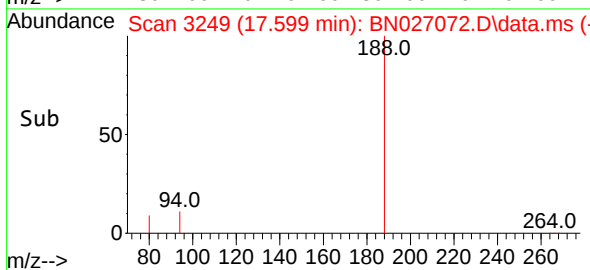
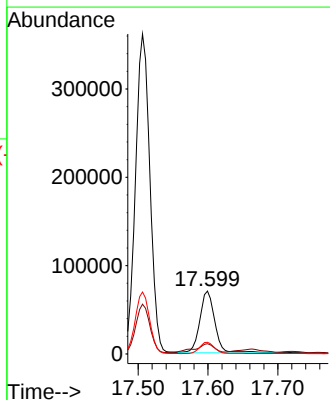
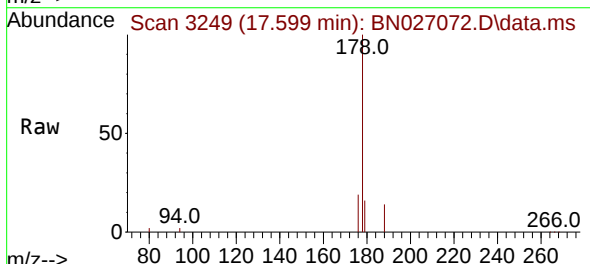
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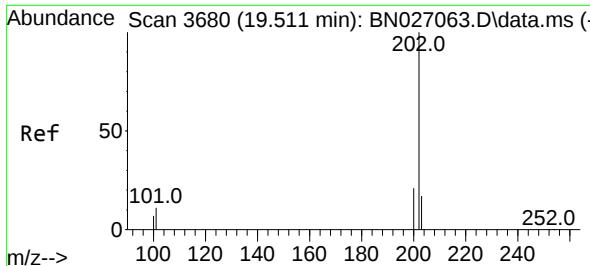
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#16
Anthracene
Concen: 0.566 ng/u1
RT: 17.599 min Scan# 3249
Delta R.T. -0.004 min
Lab File: BN027072.D
Acq: 23 Aug 2023 21:33

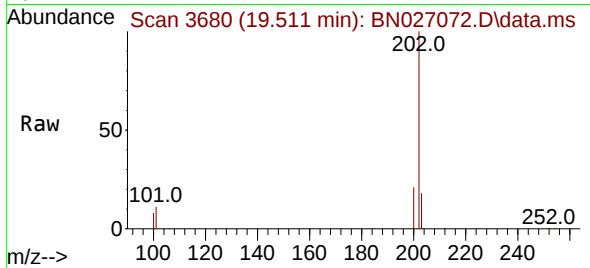
Tgt Ion:178 Resp: 104841
Ion Ratio Lower Upper
178 100
179 16.2 12.6 19.0
176 18.7 15.0 22.6





#19
Fluoranthene
Concen: 4.771 ng/ul
RT: 19.511 min Scan# 3680
Delta R.T. -0.005 min
Lab File: BN027072.D
Acq: 23 Aug 2023 21:33

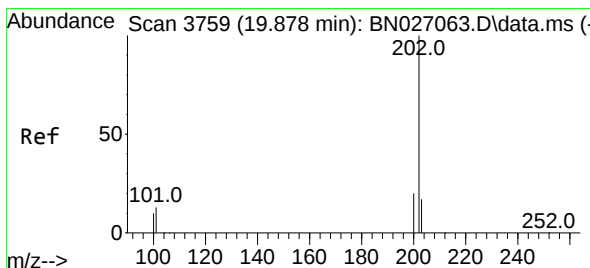
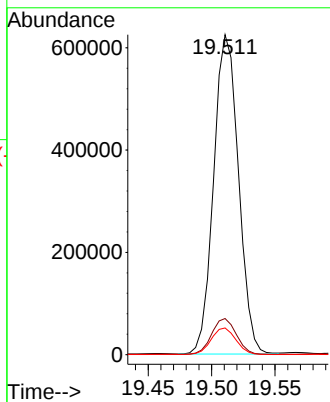
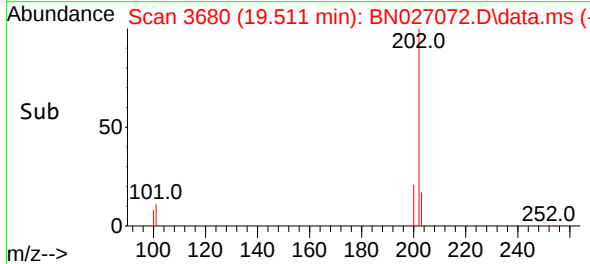
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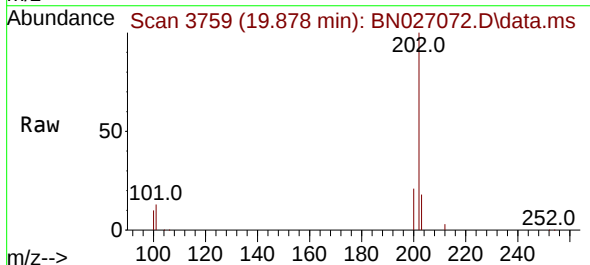
Tgt Ion:202 Resp: 851070
Ion Ratio Lower Upper
202 100
101 11.3 8.3 12.5
100 8.3 6.2 9.2

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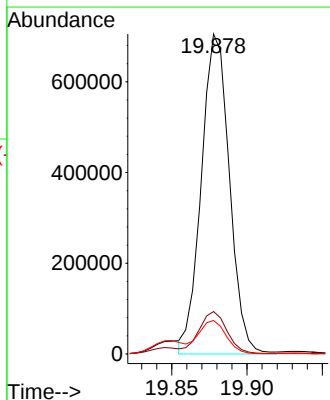
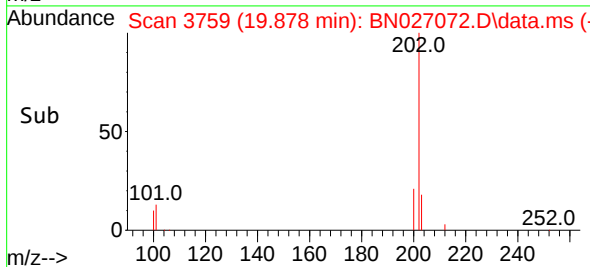
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Supervised By :mohammad ahmed 08/24/2023

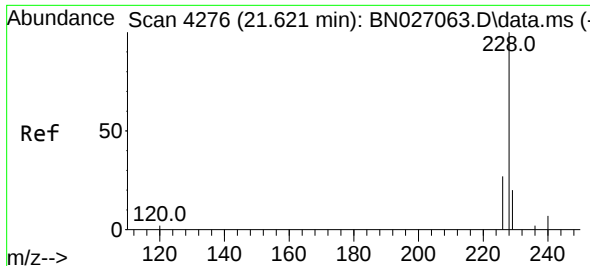


#20
Pyrene
Concen: 4.826 ng/ul m
RT: 19.878 min Scan# 3759
Delta R.T. -0.005 min
Lab File: BN027072.D
Acq: 23 Aug 2023 21:33



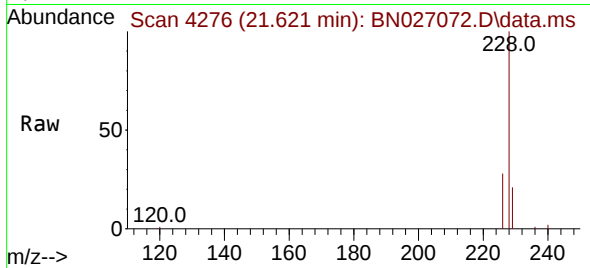
Tgt Ion:202 Resp: 918646
Ion Ratio Lower Upper
202 100
101 13.3 10.7 16.1
100 10.5 8.5 12.7





#21
Benzo(a)anthracene
Concen: 2.462 ng/ul
RT: 21.621 min Scan# 4276
Delta R.T. -0.000 min
Lab File: BN027072.D
Acq: 23 Aug 2023 21:33

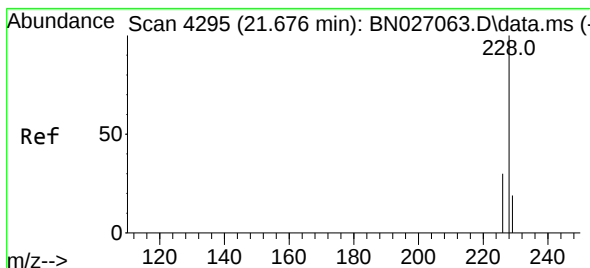
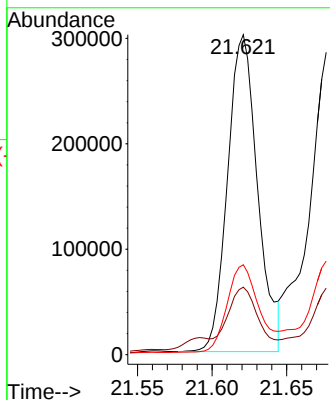
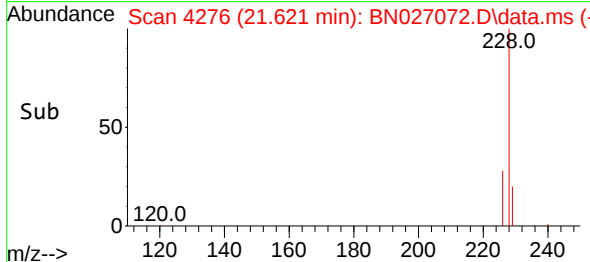
Instrument :
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Tgt Ion:228 Resp: 420484
Ion Ratio Lower Upper
228 100
229 21.1 16.0 24.0
226 28.1 22.2 33.2

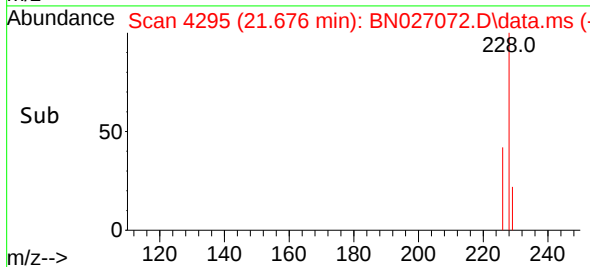
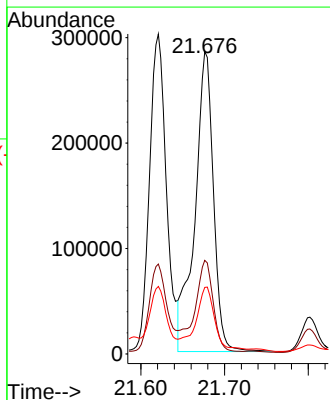
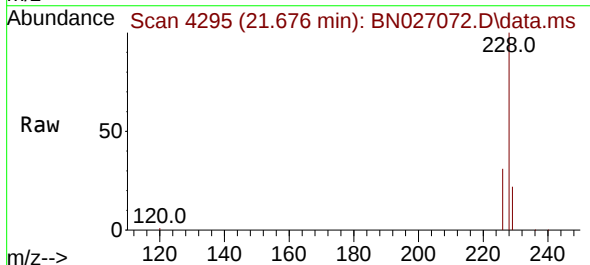
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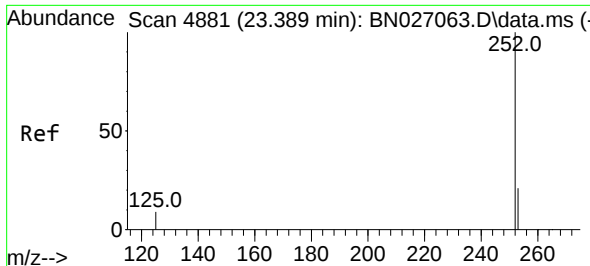
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#22
Chrysene
Concen: 2.601 ng/ul
RT: 21.676 min Scan# 4295
Delta R.T. -0.000 min
Lab File: BN027072.D
Acq: 23 Aug 2023 21:33

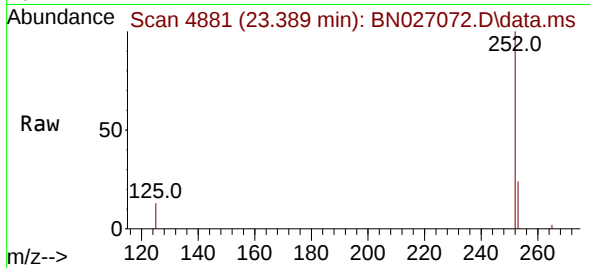
Tgt Ion:228 Resp: 438624
Ion Ratio Lower Upper
228 100
226 31.0 24.6 36.8
229 22.0 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 3.168 ng/ul m
RT: 23.389 min Scan# 4881
Delta R.T. 0.003 min
Lab File: BN027072.D
Acq: 23 Aug 2023 21:33

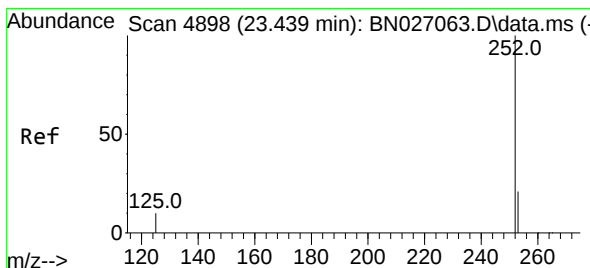
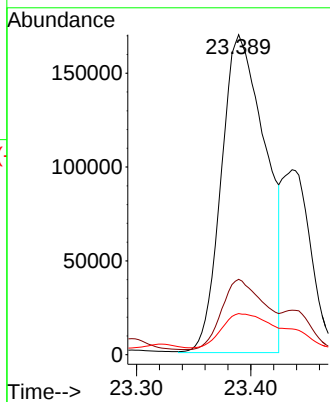
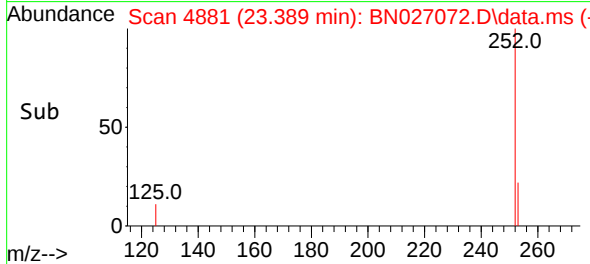
Instrument :
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ClientSampleId :
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Tgt Ion:252 Resp: 454950
Ion Ratio Lower Upper
252 100
253 23.5 0.0 46.8
125 12.9 0.0 25.2

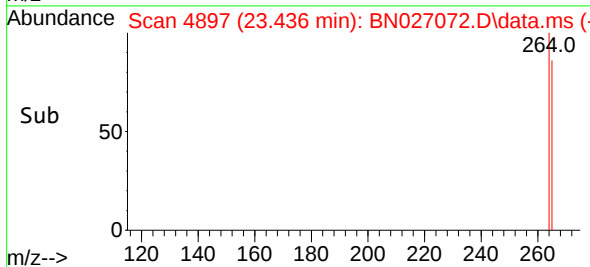
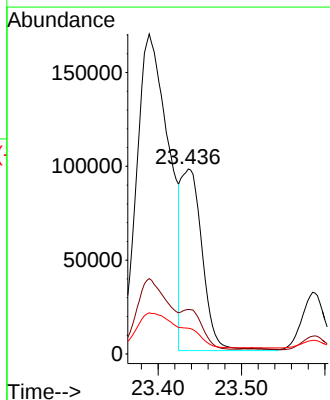
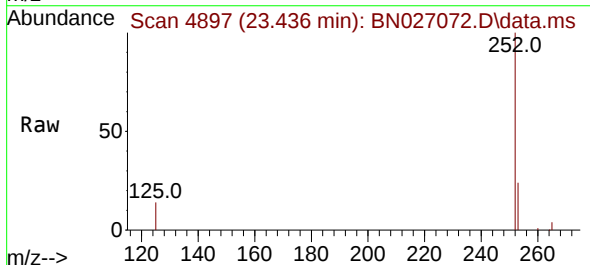
Manual Integrations
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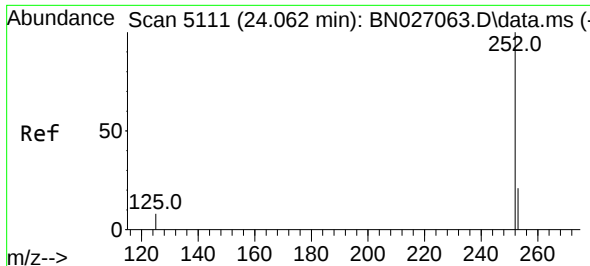
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#25
Benzo(k)fluoranthene
Concen: 1.223 ng/ul m
RT: 23.436 min Scan# 4897
Delta R.T. -0.003 min
Lab File: BN027072.D
Acq: 23 Aug 2023 21:33

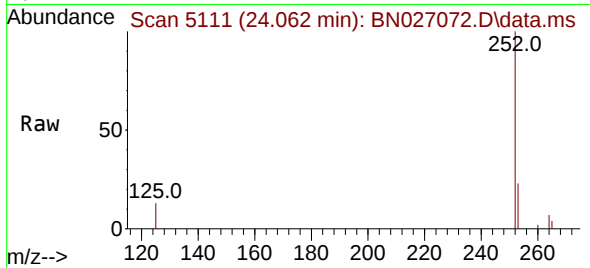
Tgt Ion:252 Resp: 173173
Ion Ratio Lower Upper
252 100
253 24.1 18.2 27.4
125 14.0 9.9 14.9





#26
Benzo(a)pyrene
Concen: 2.608 ng/ul
RT: 24.062 min Scan# 5111
Delta R.T. -0.000 min
Lab File: BN027072.D
Acq: 23 Aug 2023 21:33

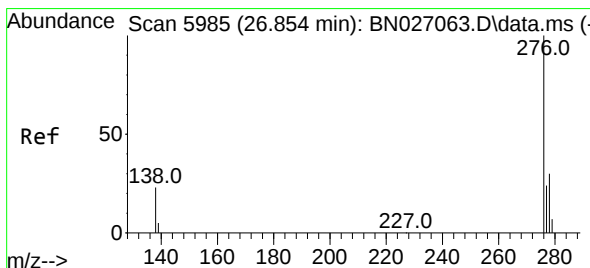
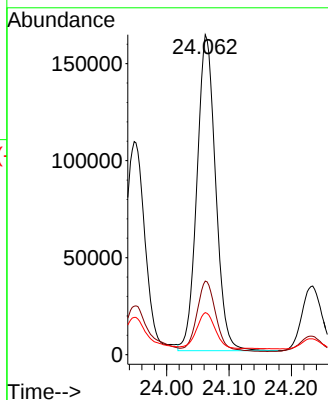
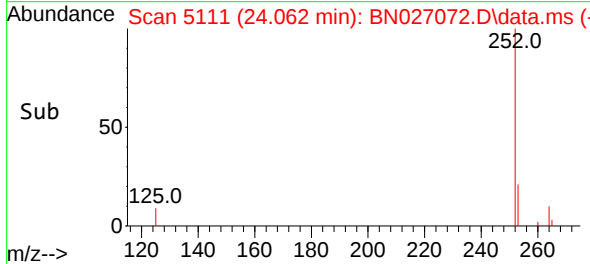
Instrument :
BNA_N
ClientSampleId :
A48Q0



Tgt Ion:252 Resp: 33795
Ion Ratio Lower Upper
252 100
253 23.0 19.0 28.6
125 13.1 11.4 17.0

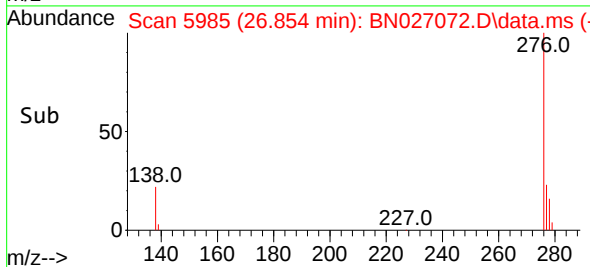
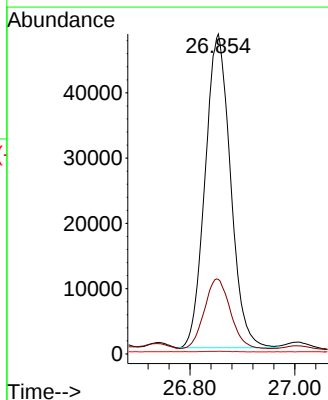
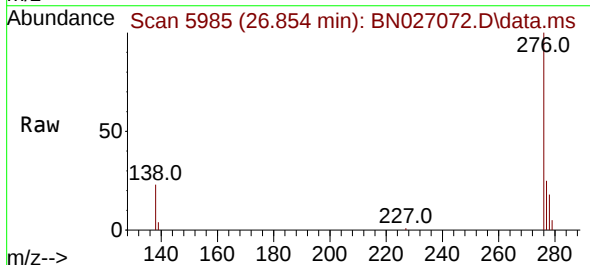
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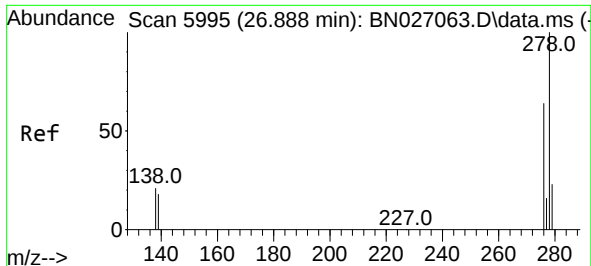
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.952 ng/ul
RT: 26.854 min Scan# 5985
Delta R.T. -0.000 min
Lab File: BN027072.D
Acq: 23 Aug 2023 21:33

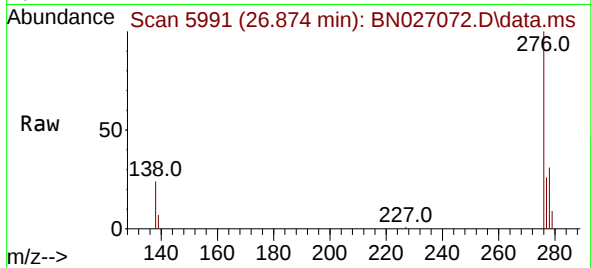
Tgt Ion:276 Resp: 161334
Ion Ratio Lower Upper
276 100
138 22.6 21.6 32.4
227 0.2 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.293 ng/ul
RT: 26.874 min Scan# 5991
Delta R.T. -0.010 min
Lab File: BN027072.D
Acq: 23 Aug 2023 21:33

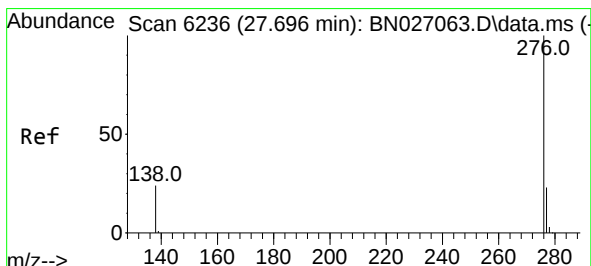
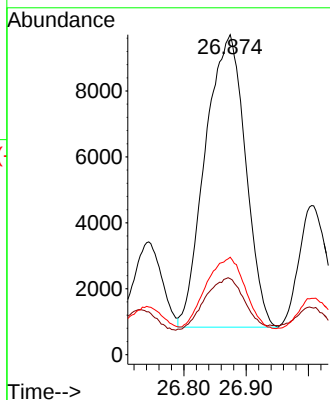
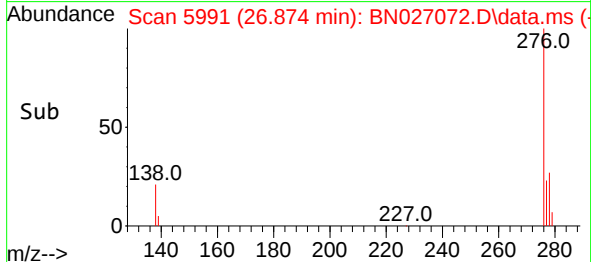
Instrument :
BNA_N
ClientSampleId :
A48Q0



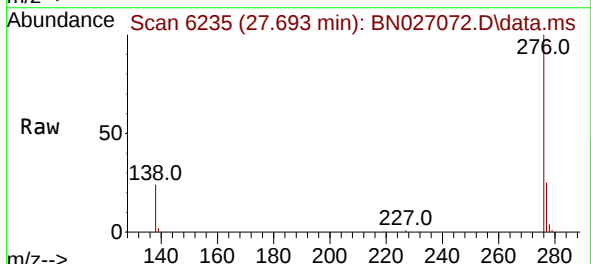
Tgt Ion:278 Resp: 3961
Ion Ratio Lower Upper
278 100
139 23.8 15.7 23.5
279 30.4 20.2 30.4

Manual Integrations
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Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#29
Benzo(g,h,i)perylene
Concen: 1.093 ng/ul
RT: 27.693 min Scan# 6235
Delta R.T. -0.003 min
Lab File: BN027072.D
Acq: 23 Aug 2023 21:33



Tgt Ion:276 Resp: 154339
Ion Ratio Lower Upper
276 100
138 24.3 19.3 28.9
277 24.8 19.8 29.8

