

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027073.D
 Acq On : 23 Aug 2023 22:10
 Operator : MA/JU
 Sample : 03968-33
 Misc :
 ALS Vial : 94 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48Q1

Manual Integrations
 APPROVED

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

Quant Time: Aug 24 01:40:04 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	8.093	152	12250	0.400	ng/ul	0.00
4) Naphthalene-d8	10.916	136	41648	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.717	164	24519	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.464	188	54625	0.400	ng/ul	0.00
17) Chrysene-d12	21.635	240	45931	0.400	ng/ul	0.00
23) Perylene-d12	24.173	264	45622	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.435	96	39749	2.733	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.489	152	8796	0.144	ng/ul	0.00
18) Fluoranthene-d10	19.478	212	23920	0.165	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.966	128	5907	0.050	ng/ul#	94
7) 2-Methylnaphthalene	12.561	142	2638	0.037	ng/ul	99
8) 1-Methylnaphthalene	12.781	142	1954	0.026	ng/ul	99
10) Acenaphthylene	14.448	152	20085	0.146	ng/ul	100
11) Acenaphthene	14.782	153	3730	0.039	ng/ul	98
12) Fluorene	15.762	166	5416	0.050	ng/ul	99
15) Phenanthrene	17.506	178	114575	0.638	ng/ul	100
16) Anthracene	17.599	178	25004	0.154	ng/ul	99
19) Fluoranthene	19.511	202	337141	1.767	ng/ul	98
20) Pyrene	19.878	202	307205m	1.509	ng/ul	
21) Benzo(a)anthracene	21.618	228	173891	0.952	ng/ul	98
22) Chrysene	21.673	228	178930	0.992	ng/ul	97
24) Benzo(b)fluoranthene	23.383	252	244804m	1.419	ng/ul	
25) Benzo(k)fluoranthene	23.433	252	93429m	0.549	ng/ul	
26) Benzo(a)pyrene	24.059	252	171404	1.101	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.851	276	98248	0.482	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.864	278	22948	0.141	ng/ul#	83
29) Benzo(g,h,i)perylene	27.693	276	89866	0.530	ng/ul	100

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

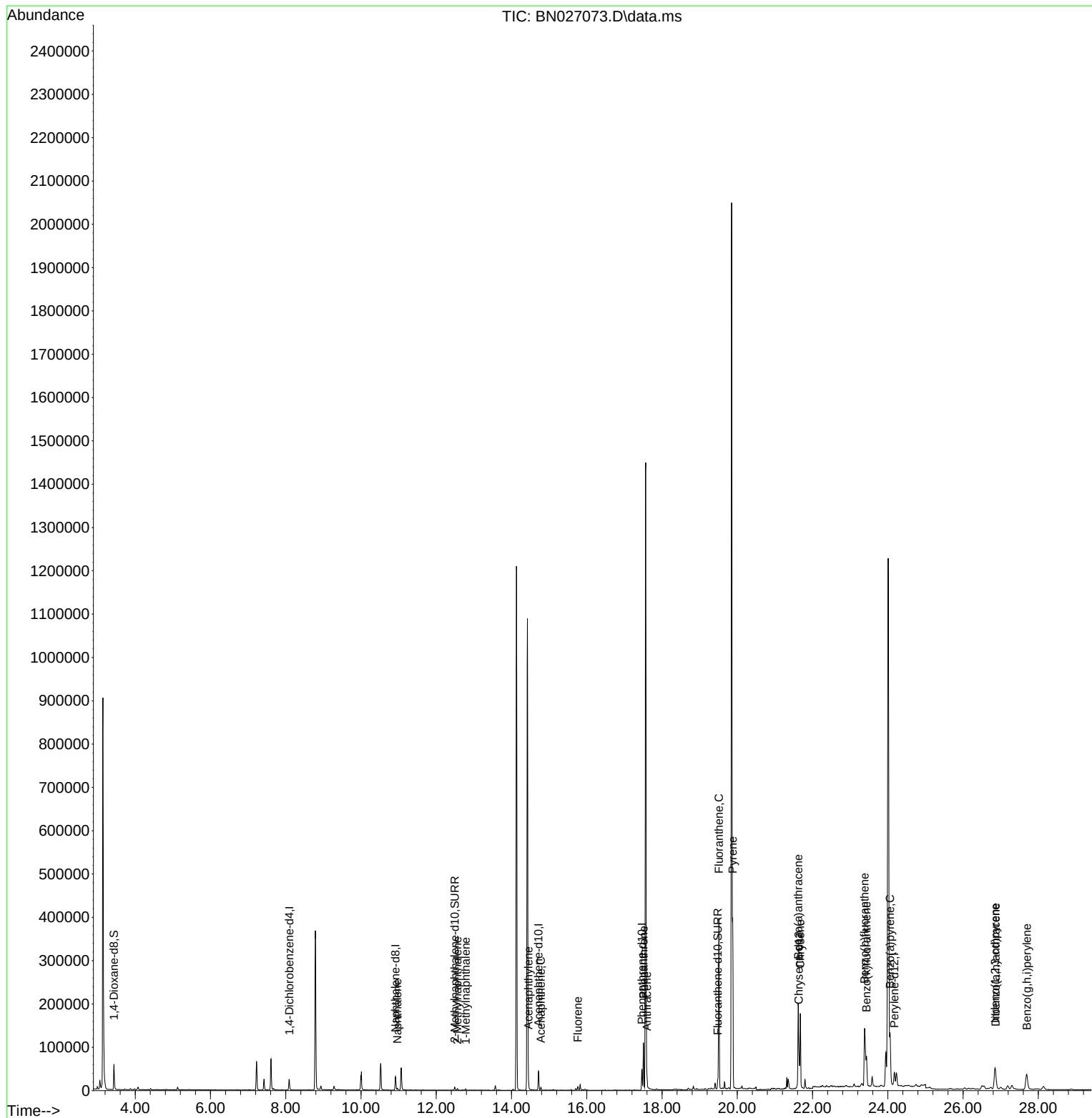
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
Data File : BN027073.D
Acq On : 23 Aug 2023 22:10
Operator : MA/JU
Sample : 03968-33
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ALS Vial : 94 Sample Multiplier: 1

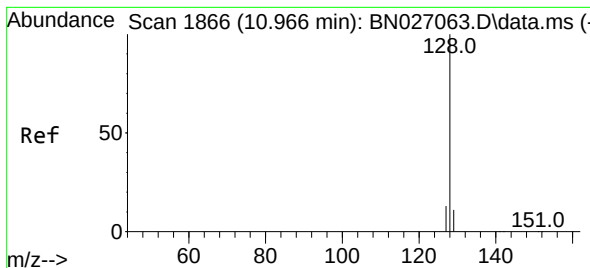
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#5

Naphthalene

Concen: 0.050 ng/ul

RT: 10.966 min Scan# 1866

Delta R.T. -0.006 min

Lab File: BN027073.D

Acq: 23 Aug 2023 22:10

Instrument :

BNA_N

ClientSampleId :

A48Q1

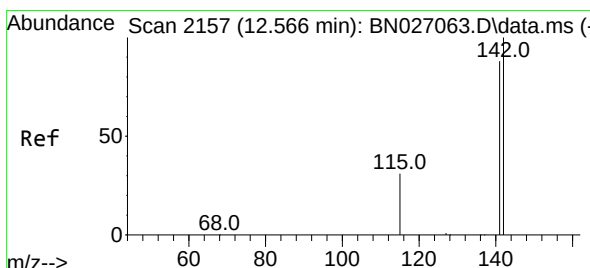
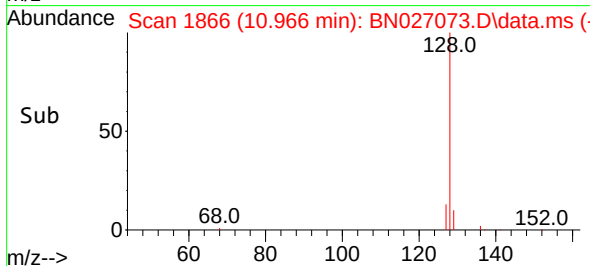
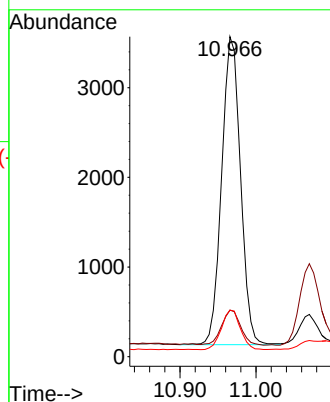
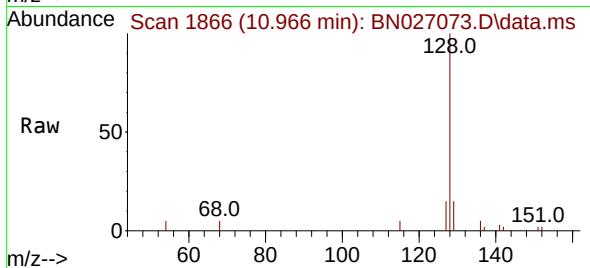
Tgt Ion:128	Resp:	590
Ion Ratio	Lower	Upper
128	100	
129	14.6	9.2 13.8
127	14.6	10.5 15.7

Manual Integrations

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Supervised By :mohammad ahmed 08/24/2023



#7

2-Methylnaphthalene

Concen: 0.037 ng/ul

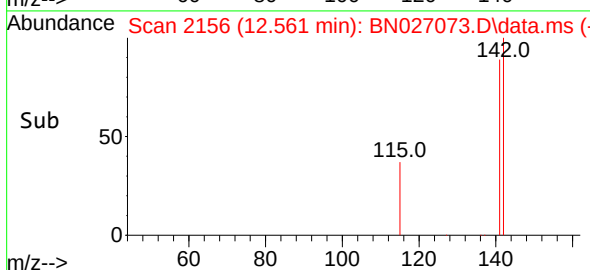
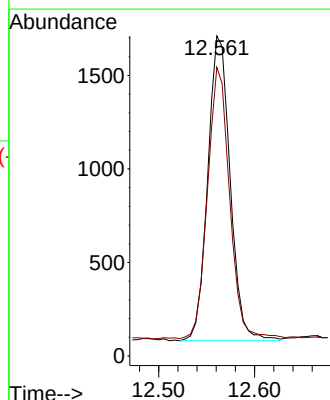
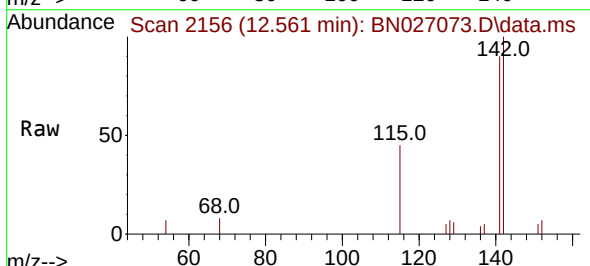
RT: 12.561 min Scan# 2156

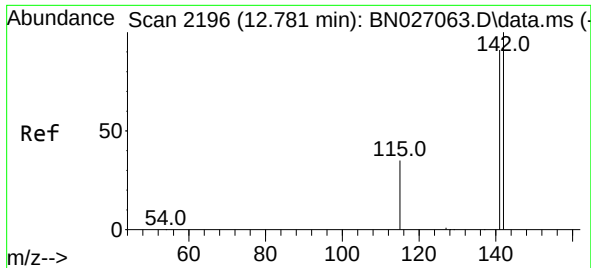
Delta R.T. -0.006 min

Lab File: BN027073.D

Acq: 23 Aug 2023 22:10

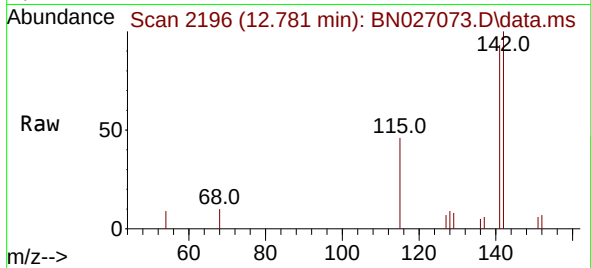
Tgt Ion:142	Resp:	2638
Ion Ratio	Lower	Upper
142	100	
141	87.7	70.9 106.3





#8
1-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 12.781 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BN027073.D
Acq: 23 Aug 2023 22:10

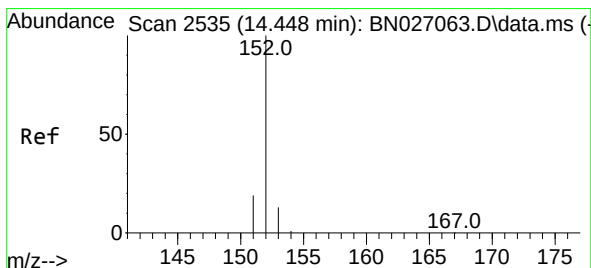
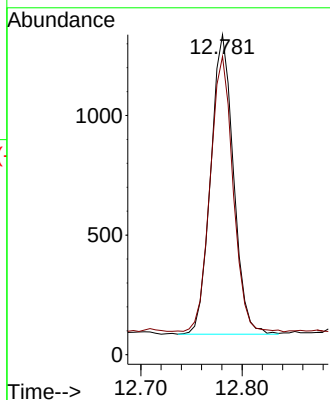
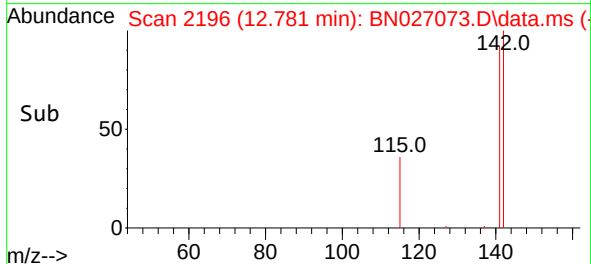
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 1954
Ion Ratio Lower Upper
142 100
141 92.2 73.2 109.8

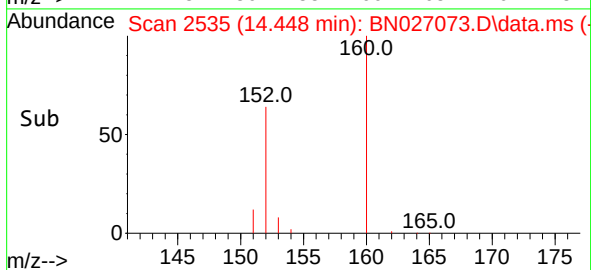
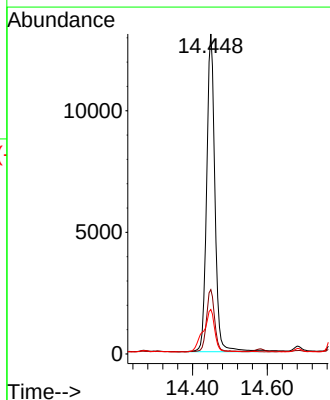
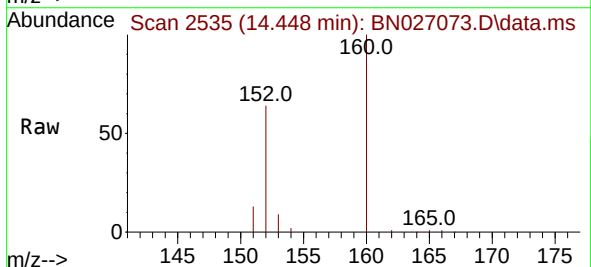
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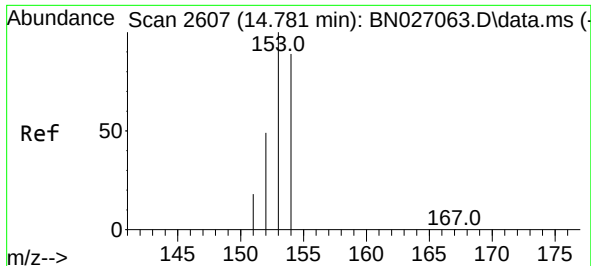
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#10
Acenaphthylene
Concen: 0.146 ng/ul
RT: 14.448 min Scan# 2535
Delta R.T. -0.005 min
Lab File: BN027073.D
Acq: 23 Aug 2023 22:10

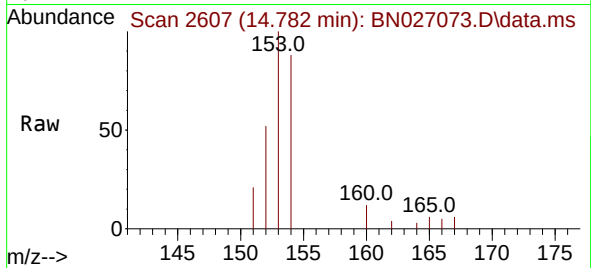
Tgt Ion:152 Resp: 20085
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.9 11.0 16.6





#11
Acenaphthene
Concen: 0.039 ng/ul
RT: 14.782 min Scan# 2607
Delta R.T. -0.005 min
Lab File: BN027073.D
Acq: 23 Aug 2023 22:10

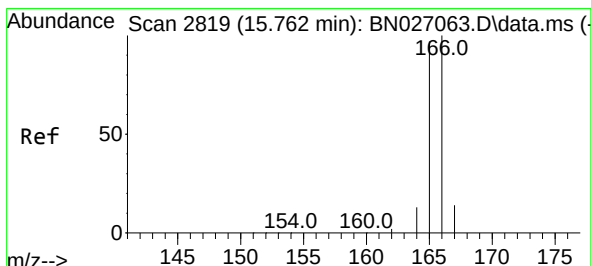
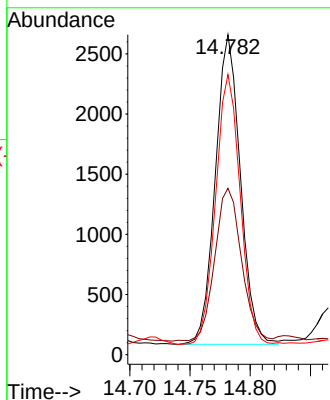
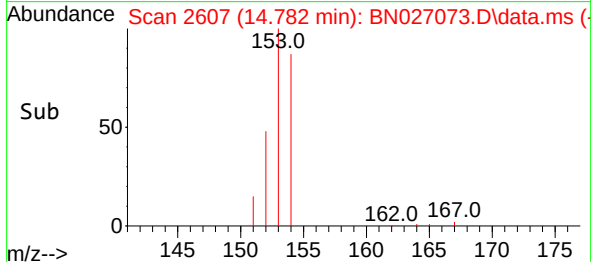
Instrument :
BNA_N
ClientSampleId :
A48Q1



Tgt Ion:153 Resp: 3730
Ion Ratio Lower Upper
153 100
152 52.0 41.1 61.7
154 87.6 71.6 107.4

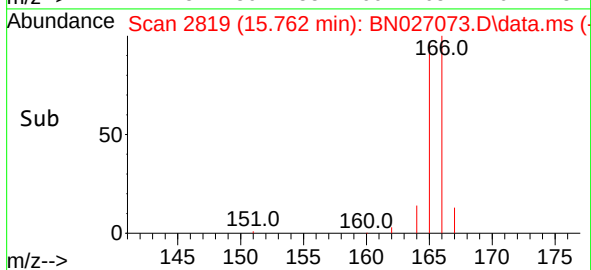
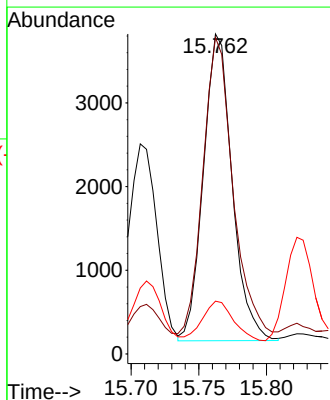
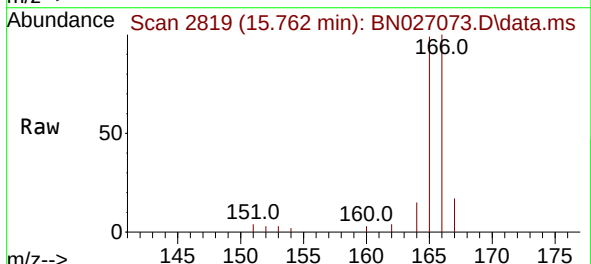
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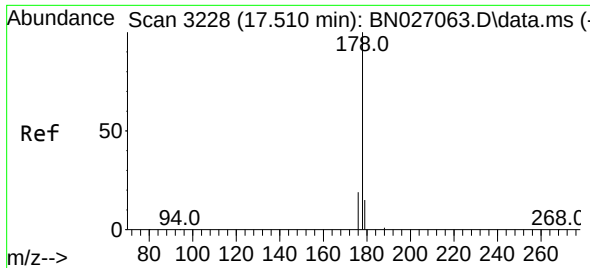
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#12
Fluorene
Concen: 0.050 ng/ul
RT: 15.762 min Scan# 2819
Delta R.T. -0.005 min
Lab File: BN027073.D
Acq: 23 Aug 2023 22:10

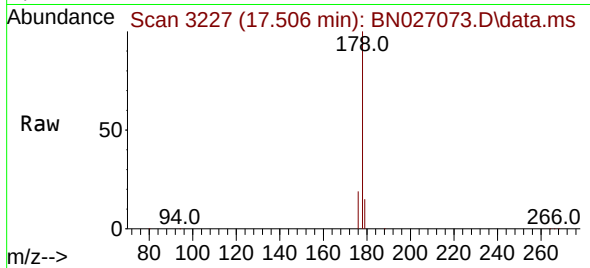
Tgt Ion:166 Resp: 5416
Ion Ratio Lower Upper
166 100
165 98.9 79.1 118.7
167 16.5 11.4 17.0





#15
Phenanthrene
Concen: 0.638 ng/ul
RT: 17.506 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN027073.D
Acq: 23 Aug 2023 22:10

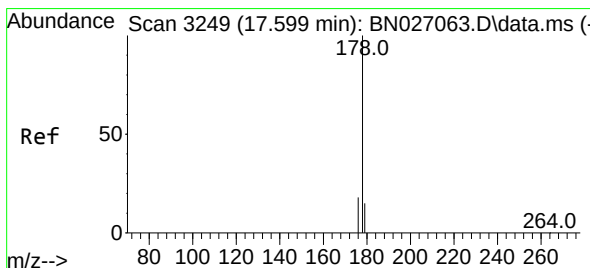
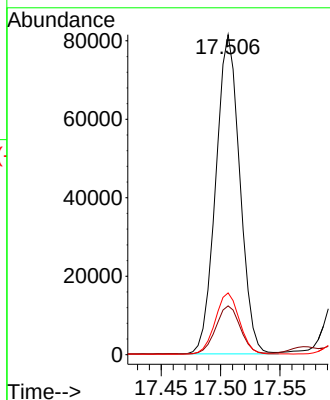
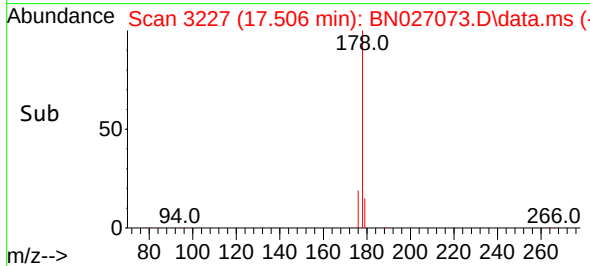
Instrument :
BNA_N
ClientSampleId :
A48Q1



Tgt Ion:178 Resp: 114579
Ion Ratio Lower Upper
178 100
179 15.2 12.6 18.8
176 19.3 15.4 23.2

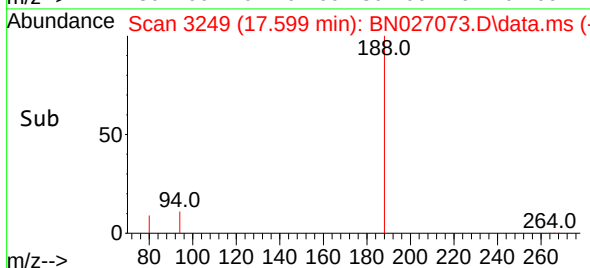
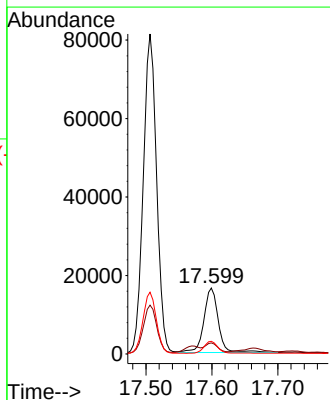
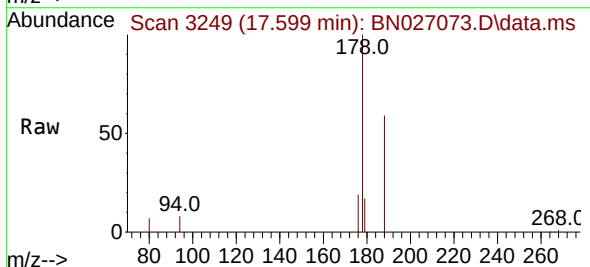
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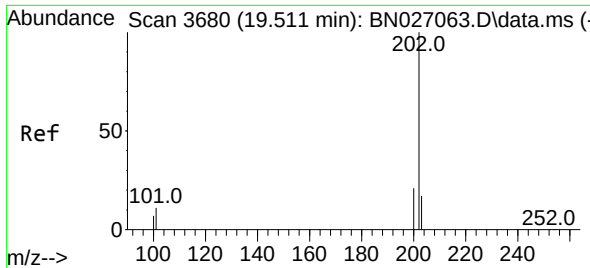
Reviewed By :Yogesh Patel 08/24/2023
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#16
Anthracene
Concen: 0.154 ng/ul
RT: 17.599 min Scan# 3249
Delta R.T. -0.004 min
Lab File: BN027073.D
Acq: 23 Aug 2023 22:10

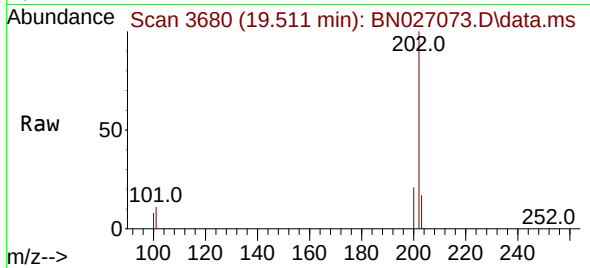
Tgt Ion:178 Resp: 25004
Ion Ratio Lower Upper
178 100
179 16.7 12.6 19.0
176 19.1 15.0 22.6





#19
Fluoranthene
Concen: 1.767 ng/ul
RT: 19.511 min Scan# 3680
Delta R.T. -0.005 min
Lab File: BN027073.D
Acq: 23 Aug 2023 22:10

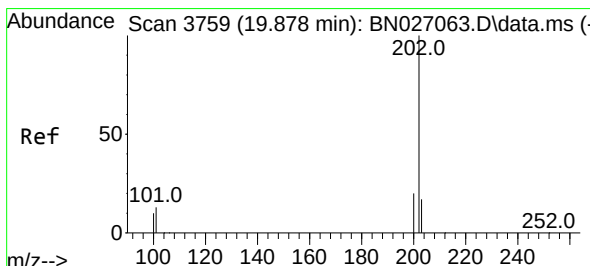
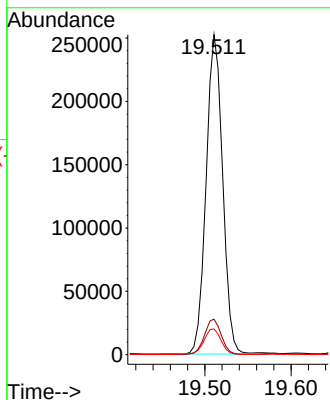
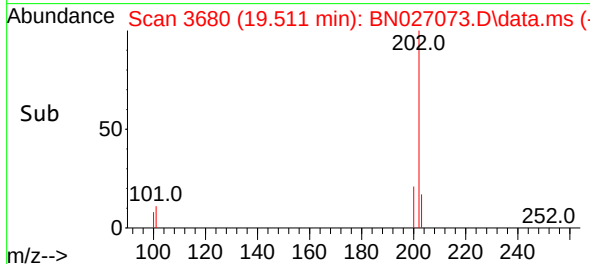
Instrument :
BNA_N
ClientSampleId :
A48Q1



Tgt Ion:202 Resp: 33714
Ion Ratio Lower Upper
202 100
101 11.1 8.3 12.5
100 8.1 6.2 9.2

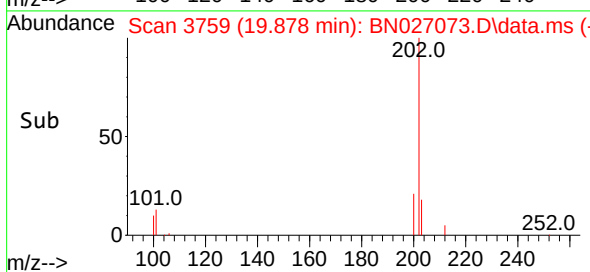
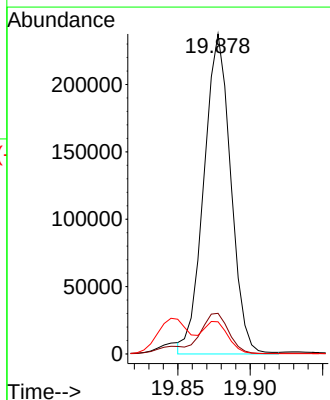
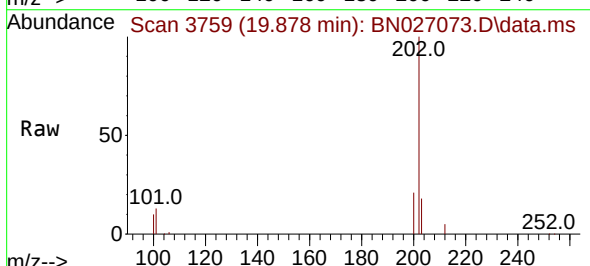
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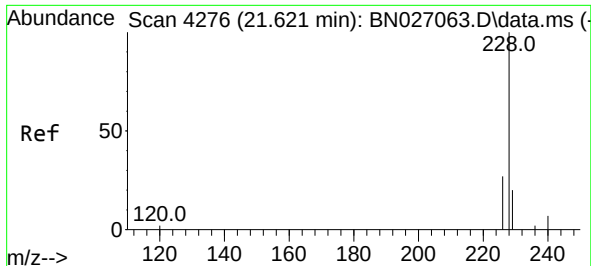
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#20
Pyrene
Concen: 1.509 ng/ul m
RT: 19.878 min Scan# 3759
Delta R.T. -0.005 min
Lab File: BN027073.D
Acq: 23 Aug 2023 22:10

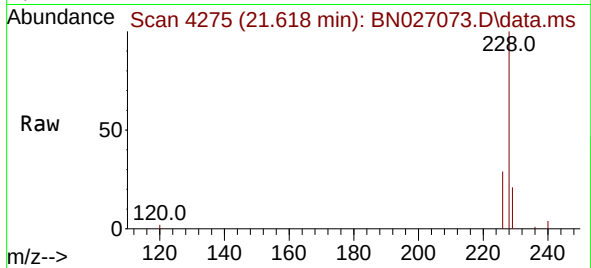
Tgt Ion:202 Resp: 307205
Ion Ratio Lower Upper
202 100
101 12.7 10.7 16.1
100 10.0 8.5 12.7





#21
Benzo(a)anthracene
Concen: 0.952 ng/ul
RT: 21.618 min Scan# 4275
Delta R.T. -0.003 min
Lab File: BN027073.D
Acq: 23 Aug 2023 22:10

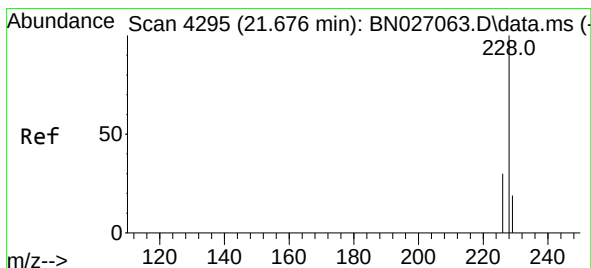
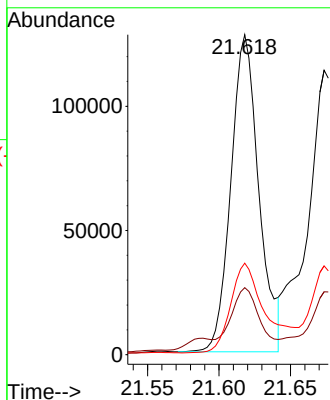
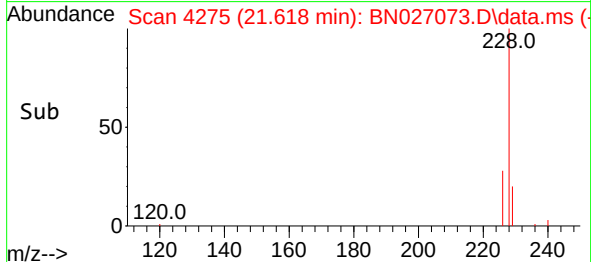
Instrument :
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Tgt Ion:228 Resp: 17389
Ion Ratio Lower Upper
228 100
229 21.0 16.0 24.0
226 28.6 22.2 33.2

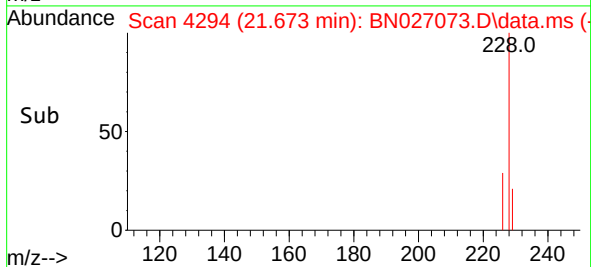
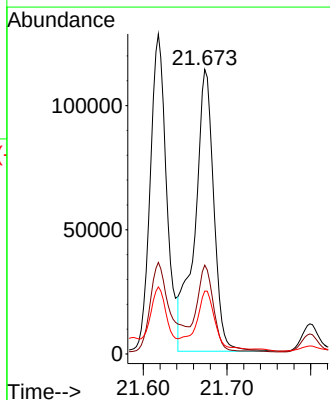
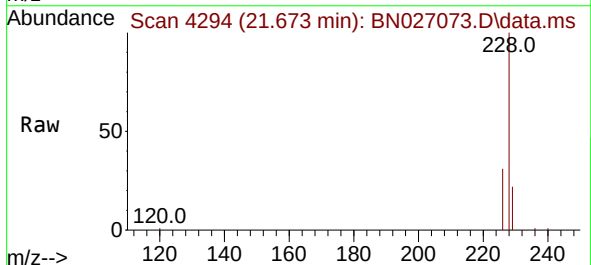
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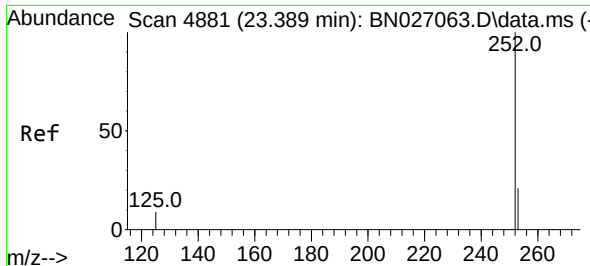
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#22
Chrysene
Concen: 0.992 ng/ul
RT: 21.673 min Scan# 4294
Delta R.T. -0.003 min
Lab File: BN027073.D
Acq: 23 Aug 2023 22:10

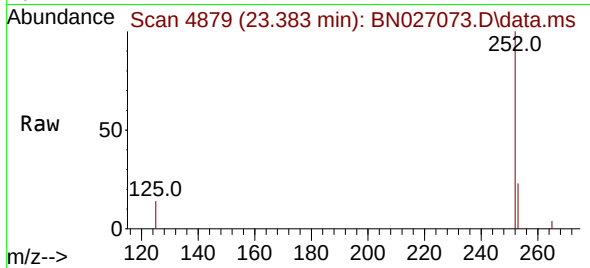
Tgt Ion:228 Resp: 178930
Ion Ratio Lower Upper
228 100
226 31.2 24.6 36.8
229 22.1 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 1.419 ng/ul m
RT: 23.383 min Scan# 4879
Delta R.T. -0.003 min
Lab File: BN027073.D
Acq: 23 Aug 2023 22:10

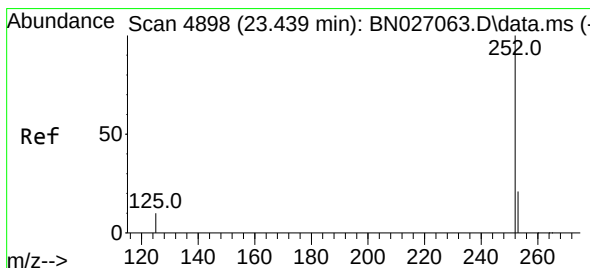
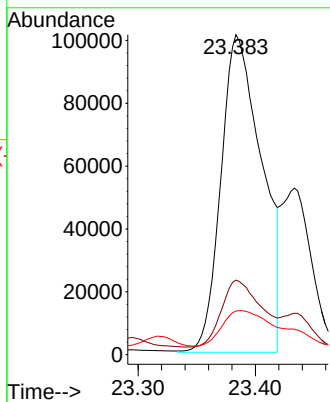
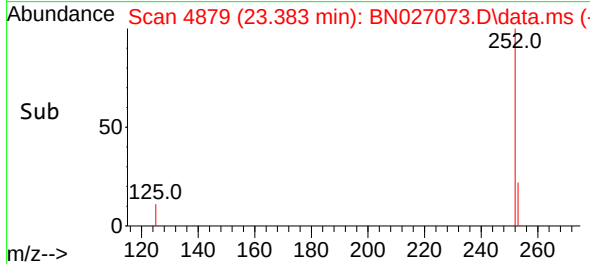
Instrument :
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Tgt Ion:252 Resp: 244804
Ion Ratio Lower Upper
252 100
253 23.3 0.0 46.8
125 13.7 0.0 25.2

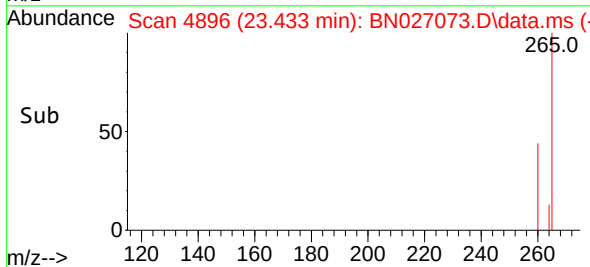
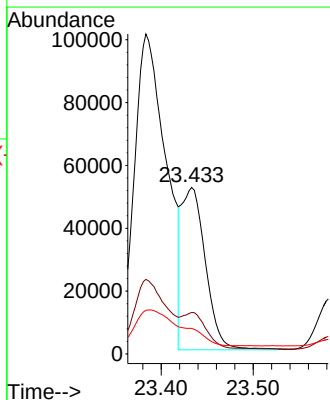
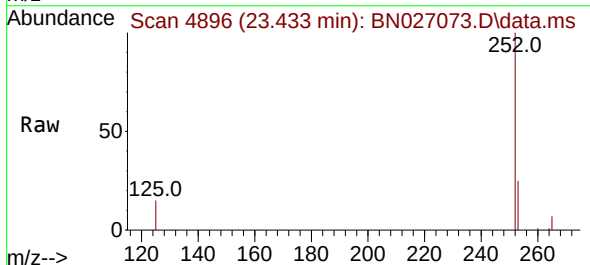
Manual Integrations
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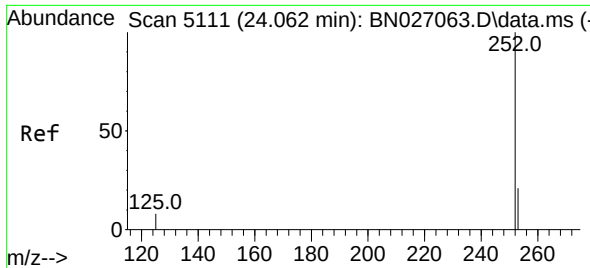
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#25
Benzo(k)fluoranthene
Concen: 0.549 ng/ul m
RT: 23.433 min Scan# 4896
Delta R.T. -0.006 min
Lab File: BN027073.D
Acq: 23 Aug 2023 22:10

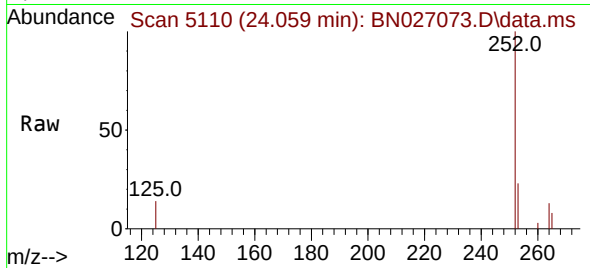
Tgt Ion:252 Resp: 93429
Ion Ratio Lower Upper
252 100
253 24.9 18.2 27.4
125 15.4 9.9 14.9#





#26
Benzo(a)pyrene
Concen: 1.101 ng/ul
RT: 24.059 min Scan# 5111
Delta R.T. -0.003 min
Lab File: BN027073.D
Acq: 23 Aug 2023 22:10

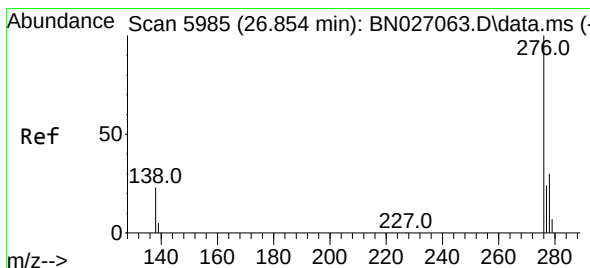
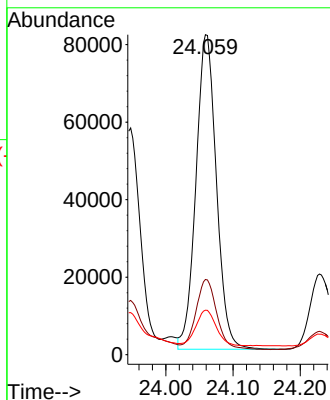
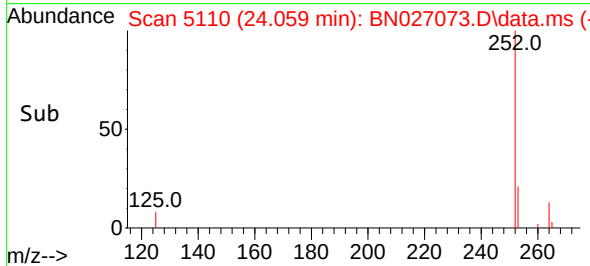
Instrument :
BNA_N
ClientSampleId :
A48Q1



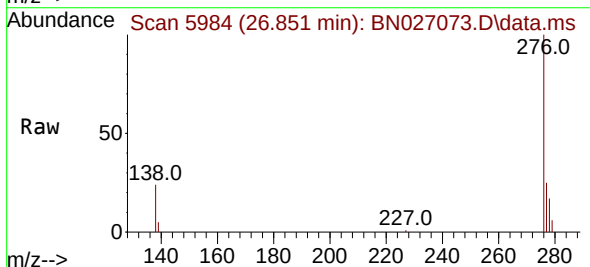
Tgt Ion:252 Resp: 171404
Ion Ratio Lower Upper
252 100
253 23.5 19.0 28.6
125 13.9 11.4 17.0

Manual Integrations
APPROVED

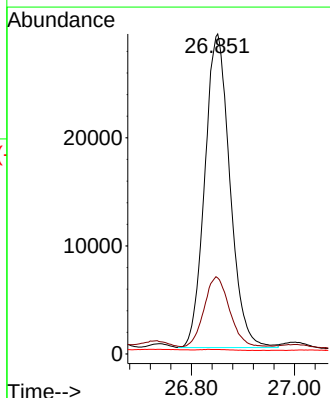
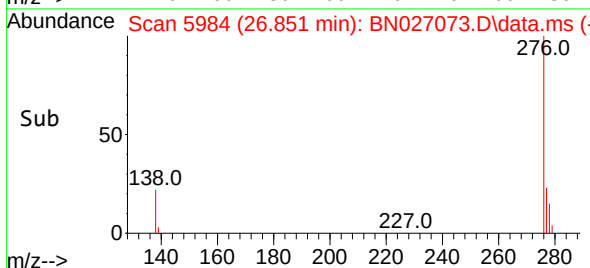
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

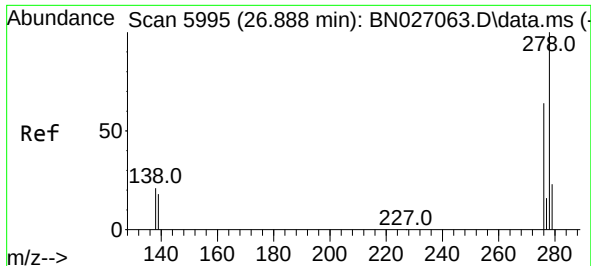


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.482 ng/ul
RT: 26.851 min Scan# 5984
Delta R.T. -0.003 min
Lab File: BN027073.D
Acq: 23 Aug 2023 22:10



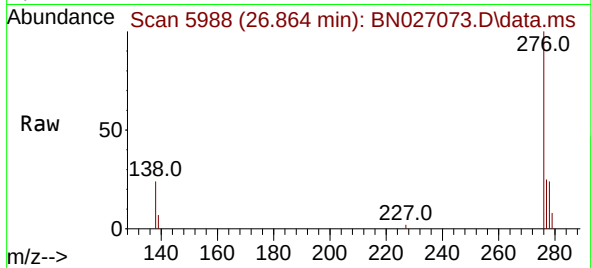
Tgt Ion:276 Resp: 98248
Ion Ratio Lower Upper
276 100
138 22.4 21.6 32.4
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.141 ng/ul
RT: 26.864 min Scan# 5995
Delta R.T. -0.020 min
Lab File: BN027073.D
Acq: 23 Aug 2023 22:10

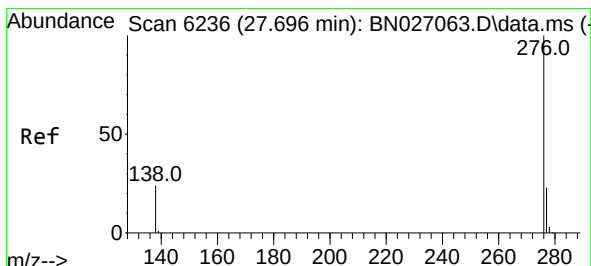
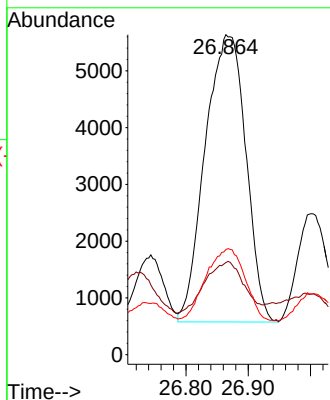
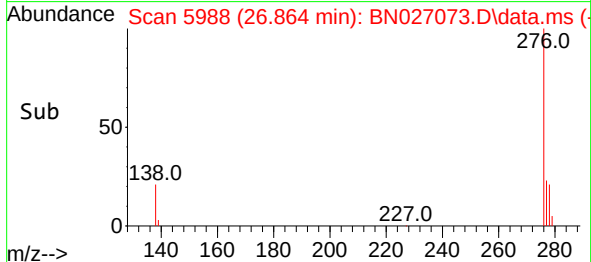
Instrument :
BNA_N
ClientSampleId :
A48Q1



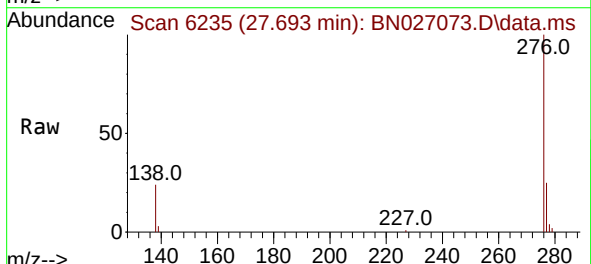
Tgt Ion: 278 Resp: 22948
Ion Ratio Lower Upper
278 100
139 28.8 15.7 23.5
279 32.9 20.2 30.4

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.530 ng/ul
RT: 27.693 min Scan# 6235
Delta R.T. -0.003 min
Lab File: BN027073.D
Acq: 23 Aug 2023 22:10



Tgt Ion: 276 Resp: 89866
Ion Ratio Lower Upper
276 100
138 24.3 19.3 28.9
277 24.9 19.8 29.8

