

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
 Data File : BN026072.D
 Acq On : 29 Jun 2023 00:08
 Operator : MA/JU
 Sample : 03142-22
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFT9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/29/2023
 Supervised By :mohammad ahmed 06/30/2023

Quant Time: Jun 29 00:59:57 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 22:47:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.967	152	8275	0.400	ng/ul	0.00
4) Naphthalene-d8	10.776	136	27039	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.608	164	16397	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.352	188	33445	0.400	ng/ul	0.00
17) Chrysene-d12	21.538	240	18448	0.400	ng/ul	0.00
23) Perylene-d12	23.991	264	18515	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.326	96	30566	3.280	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.365	152	9635	0.232	ng/ul	0.00
18) Fluoranthene-d10	19.378	212	19175	0.273	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.831	128	20498	0.265	ng/ul	99
7) 2-Methylnaphthalene	12.436	142	13436	0.272	ng/ul	99
8) 1-Methylnaphthalene	12.656	142	9631	0.188	ng/ul	100
10) Acenaphthylene	14.326	152	15147	0.197	ng/ul#	97
11) Acenaphthene	14.668	153	9239	0.147	ng/ul	98
12) Fluorene	15.653	166	7728	0.107	ng/ul#	98
15) Phenanthrene	17.394	178	226741	2.052	ng/ul	99
16) Anthracene	17.483	178	31040	0.316	ng/ul	98
19) Fluoranthene	19.411	202	555358	5.636	ng/ul	95
20) Pyrene	19.768	202	435721	4.251	ng/ul	98
21) Benzo(a)anthracene	21.521	228	184891	2.429	ng/ul	98
22) Chrysene	21.576	228	239708	3.027	ng/ul	98
24) Benzo(b)fluoranthene	23.242	252	329567m	4.170	ng/ul	
25) Benzo(k)fluoranthene	23.286	252	110576m	1.393	ng/ul	
26) Benzo(a)pyrene	23.883	252	193960	2.826	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.545	276	172123	2.296	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.558	278	39179	0.691	ng/ul	97
29) Benzo(g,h,i)perylene	27.336	276	162114	2.431	ng/ul	95

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

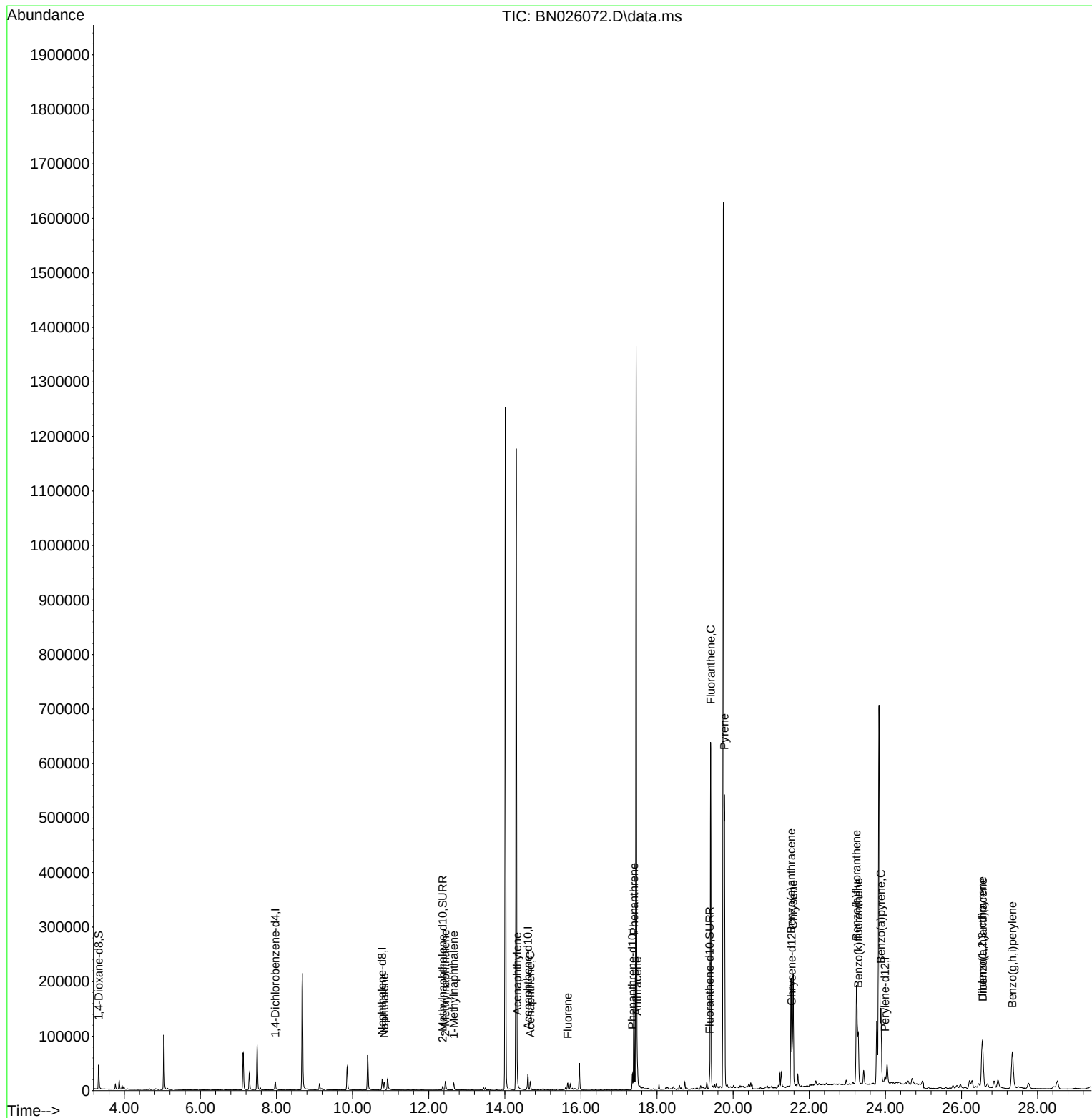
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
Data File : BN026072.D
Acq On : 29 Jun 2023 00:08
Operator : MA/JU
Sample : 03142-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

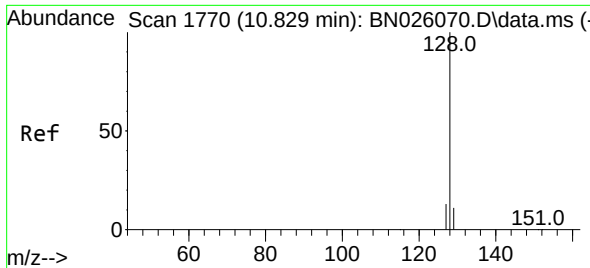
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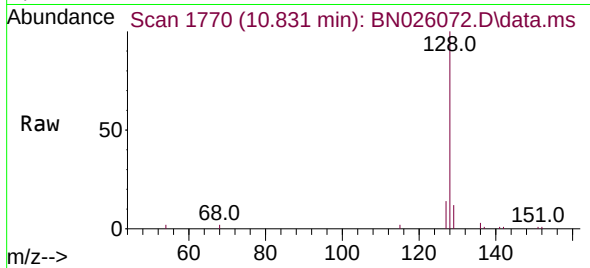
Quant Time: Jun 29 00:59:57 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 22:47:20 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.265 ng/ul
RT: 10.831 min Scan# 1770
Delta R.T. -0.006 min
Lab File: BN026072.D
Acq: 29 Jun 2023 00:08

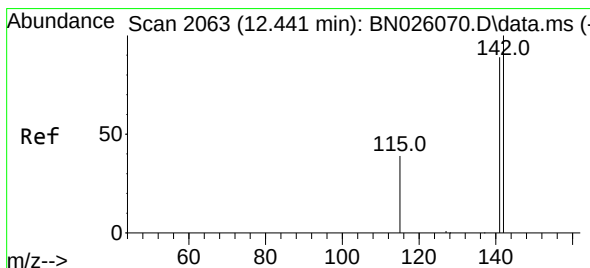
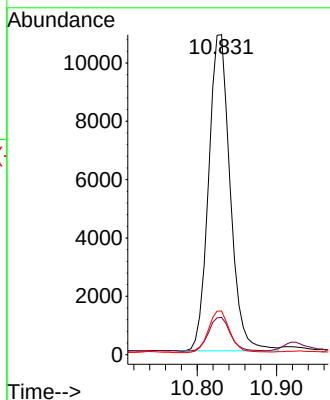
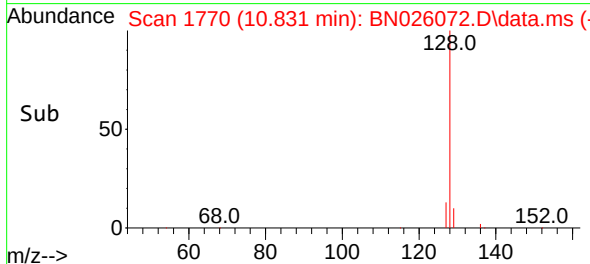
Instrument :
BNA_N
ClientSampleId :
DCFT9



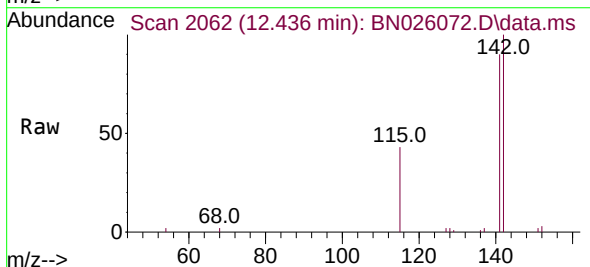
Tgt Ion:128 Resp: 20498
Ion Ratio Lower Upper
128 100
129 11.6 9.1 13.7
127 13.6 10.7 16.1

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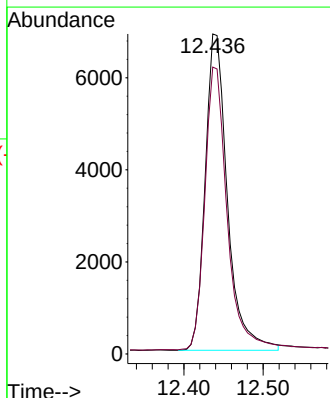
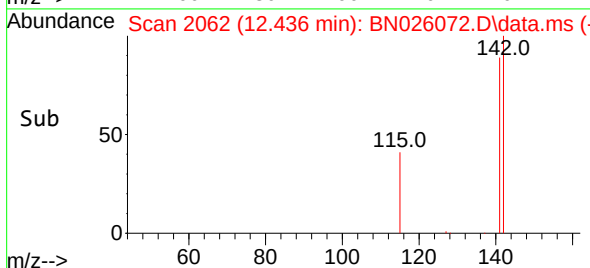
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023

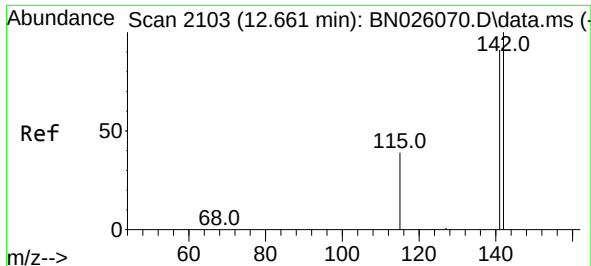


#7
2-Methylnaphthalene
Concen: 0.272 ng/ul
RT: 12.436 min Scan# 2062
Delta R.T. -0.011 min
Lab File: BN026072.D
Acq: 29 Jun 2023 00:08



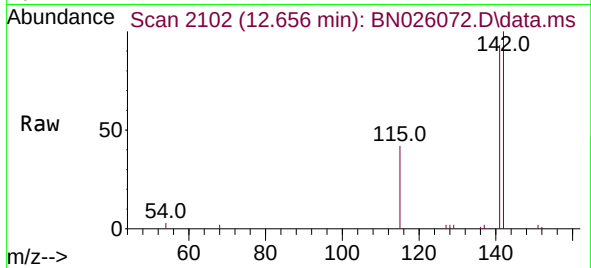
Tgt Ion:142 Resp: 13436
Ion Ratio Lower Upper
142 100
141 89.3 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.188 ng/ul
RT: 12.656 min Scan# 2102
Delta R.T. -0.005 min
Lab File: BN026072.D
Acq: 29 Jun 2023 00:08

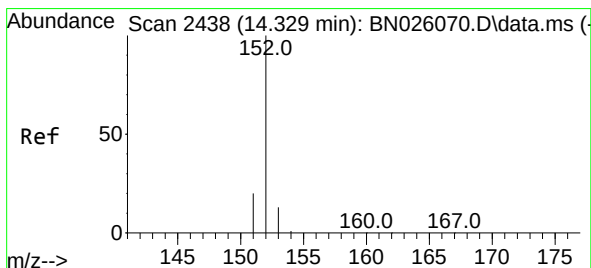
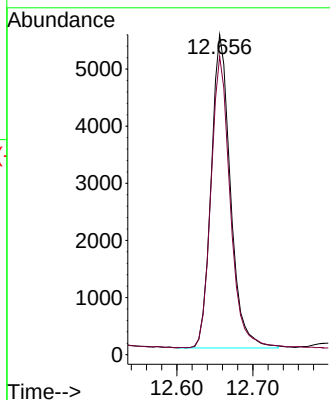
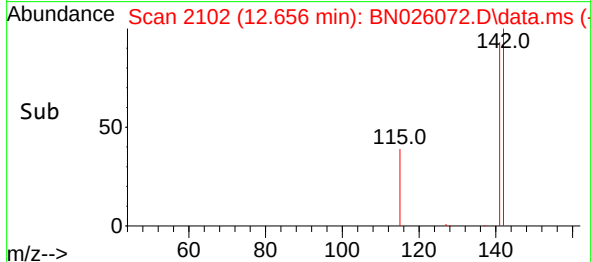
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 963
Ion Ratio Lower Upper
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141 92.5 74.2 111.4

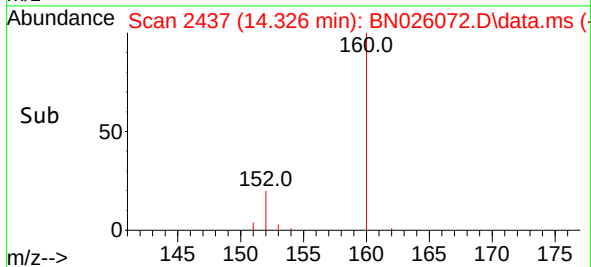
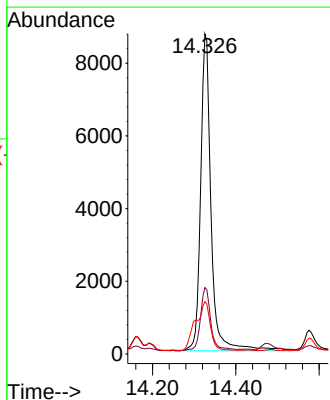
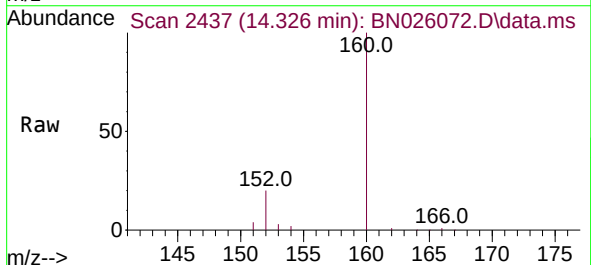
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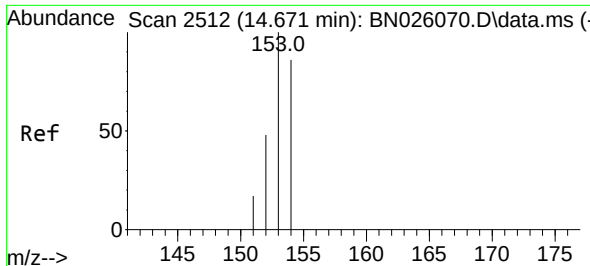
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#10
Acenaphthylene
Concen: 0.197 ng/ul
RT: 14.326 min Scan# 2437
Delta R.T. -0.004 min
Lab File: BN026072.D
Acq: 29 Jun 2023 00:08

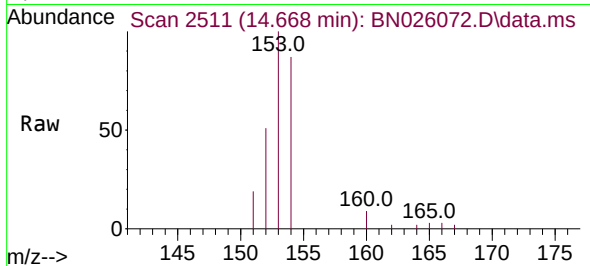
Tgt Ion:152 Resp: 15147
Ion Ratio Lower Upper
152 100
151 20.8 16.2 24.4
153 16.3 10.9 16.3#





#11
Acenaphthene
Concen: 0.147 ng/ul
RT: 14.668 min Scan# 2511
Delta R.T. -0.004 min
Lab File: BN026072.D
Acq: 29 Jun 2023 00:08

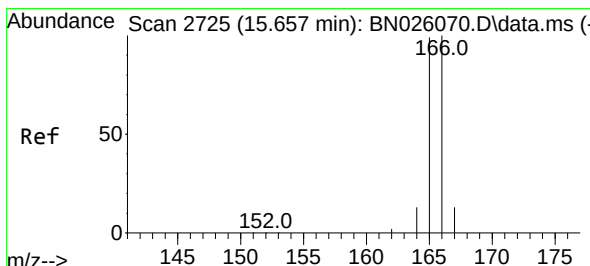
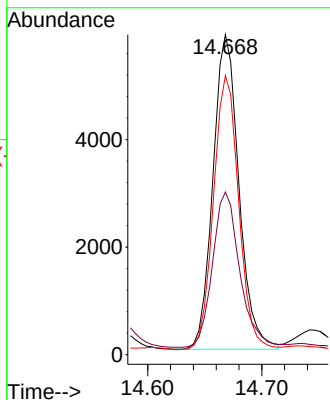
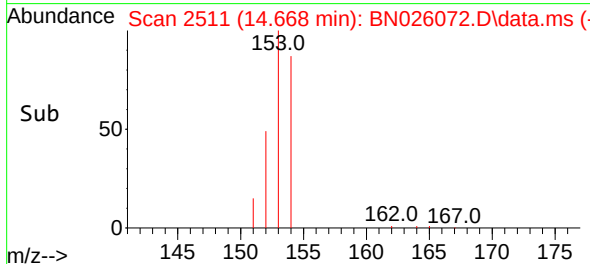
Instrument :
BNA_N
ClientSampleId :
DCFT9



Tgt Ion:153 Resp: 9239
Ion Ratio Lower Upper
153 100
152 50.9 39.4 59.0
154 87.2 68.9 103.3

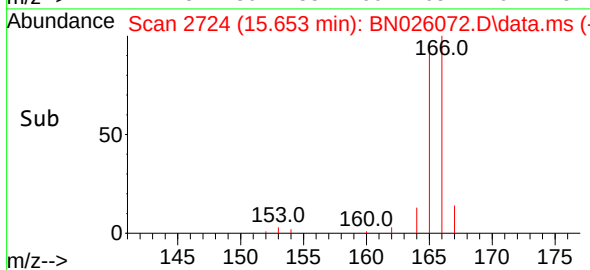
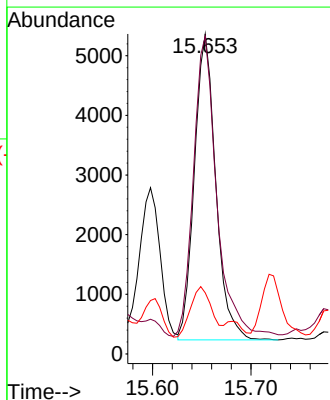
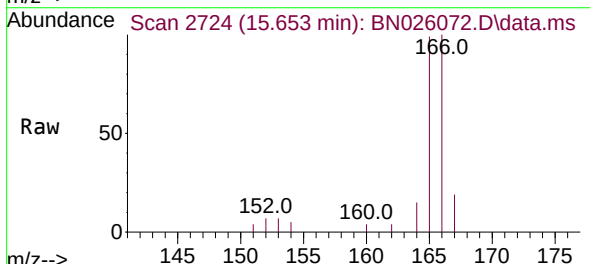
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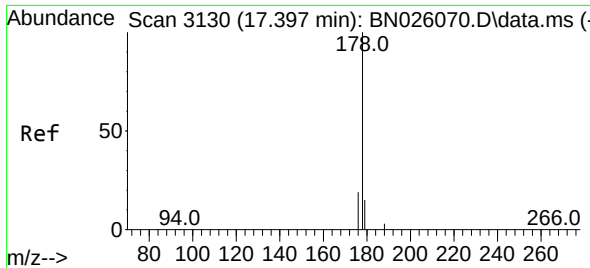
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#12
Fluorene
Concen: 0.107 ng/ul
RT: 15.653 min Scan# 2724
Delta R.T. -0.008 min
Lab File: BN026072.D
Acq: 29 Jun 2023 00:08

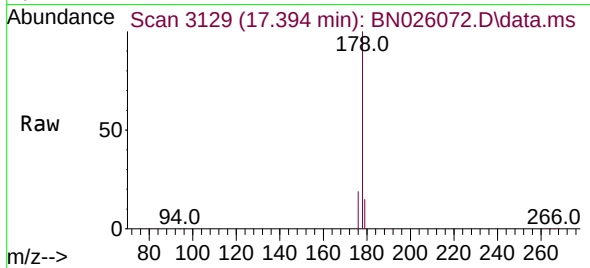
Tgt Ion:166 Resp: 7728
Ion Ratio Lower Upper
166 100
165 99.3 79.9 119.9
167 19.1 10.8 16.2#





#15
Phenanthrene
Concen: 2.052 ng/u1
RT: 17.394 min Scan# 3130
Delta R.T. -0.008 min
Lab File: BN026072.D
Acq: 29 Jun 2023 00:08

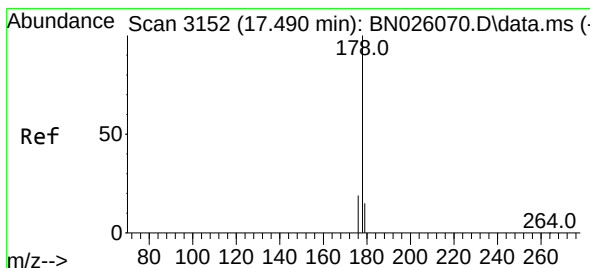
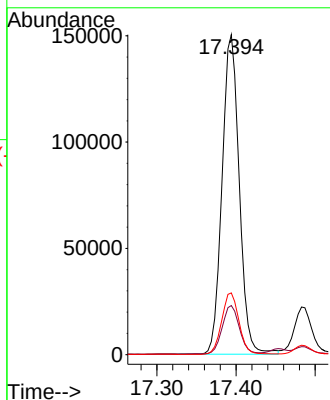
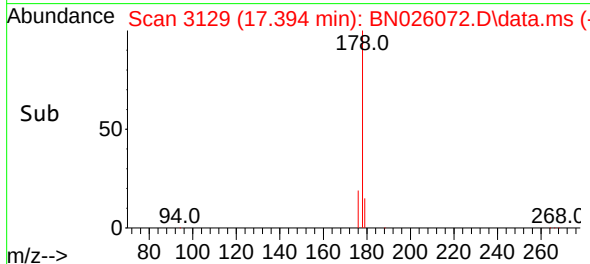
Instrument :
BNA_N
ClientSampleId :
DCFT9



Tgt Ion:178 Resp: 22674
Ion Ratio Lower Upper
178 100
179 15.3 12.6 19.0
176 19.3 15.8 23.6

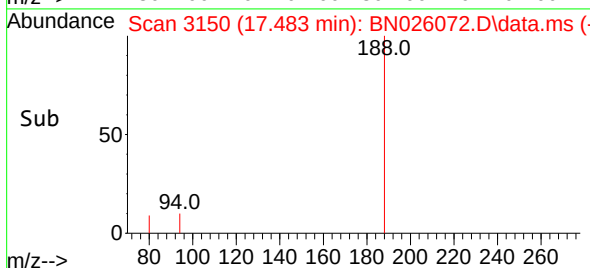
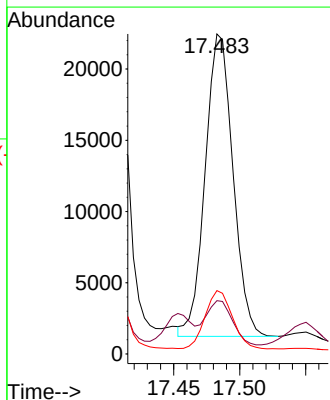
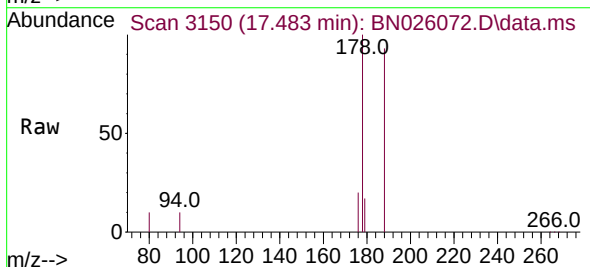
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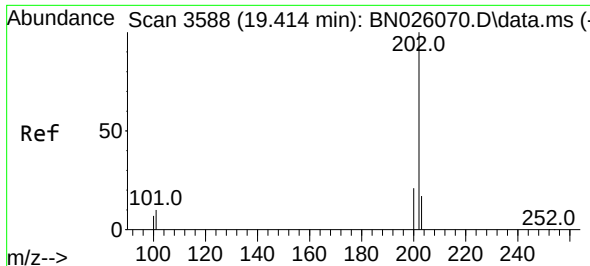
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#16
Anthracene
Concen: 0.316 ng/u1
RT: 17.483 min Scan# 3150
Delta R.T. -0.012 min
Lab File: BN026072.D
Acq: 29 Jun 2023 00:08

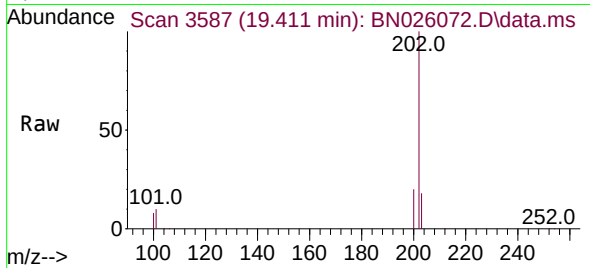
Tgt Ion:178 Resp: 31040
Ion Ratio Lower Upper
178 100
179 16.7 12.6 18.8
176 19.8 15.1 22.7





#19
Fluoranthene
Concen: 5.636 ng/u1
RT: 19.411 min Scan# 3588
Delta R.T. -0.004 min
Lab File: BN026072.D
Acq: 29 Jun 2023 00:08

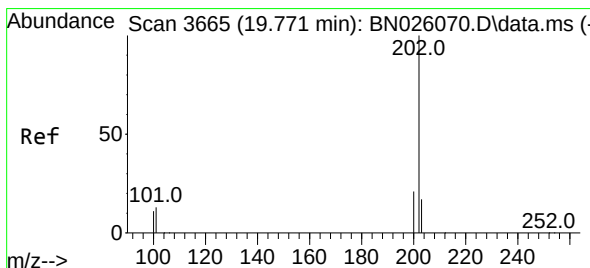
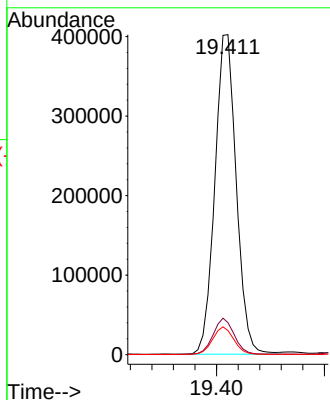
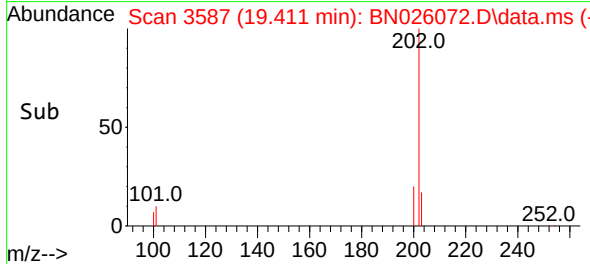
Instrument :
BNA_N
ClientSampleId :
DCFT9



Tgt Ion:202 Resp: 555358
Ion Ratio Lower Upper
202 100
101 10.0 9.5 14.3
100 7.5 7.3 10.9

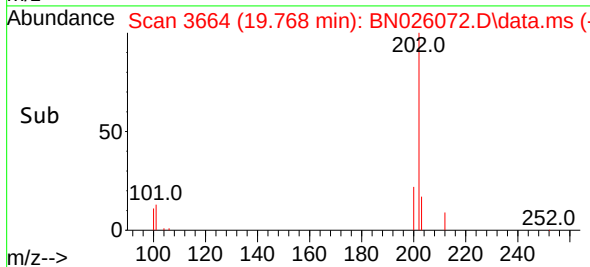
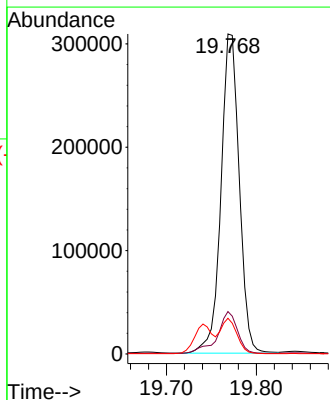
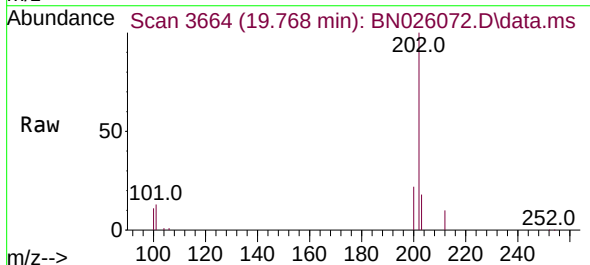
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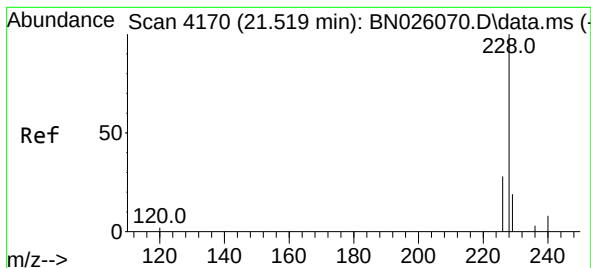
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#20
Pyrene
Concen: 4.251 ng/u1
RT: 19.768 min Scan# 3664
Delta R.T. -0.008 min
Lab File: BN026072.D
Acq: 29 Jun 2023 00:08

Tgt Ion:202 Resp: 435721
Ion Ratio Lower Upper
202 100
101 13.2 11.4 17.0
100 11.2 9.1 13.7





#21

Benzo(a)anthracene

Concen: 2.429 ng/ul

RT: 21.521 min Scan# 4170

Delta R.T. -0.008 min

Lab File: BN026072.D

Acq: 29 Jun 2023 00:08

Instrument :

BNA_N

ClientSampleId :

DCFT9

Tgt Ion:228 Resp: 18489

Ion Ratio Lower Upper

228 100

229 21.4 15.8 23.6

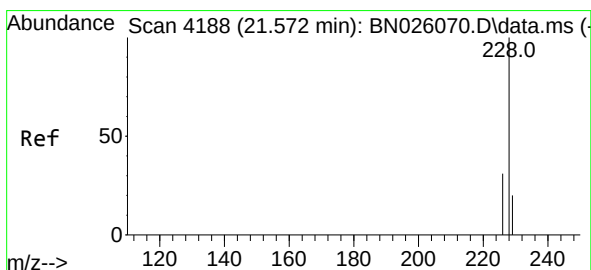
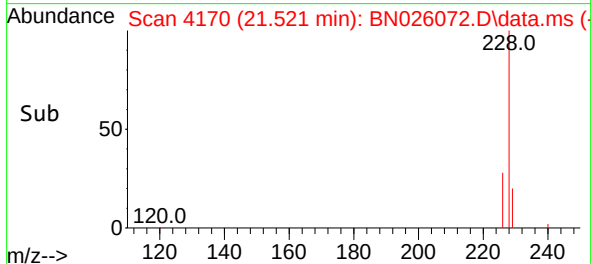
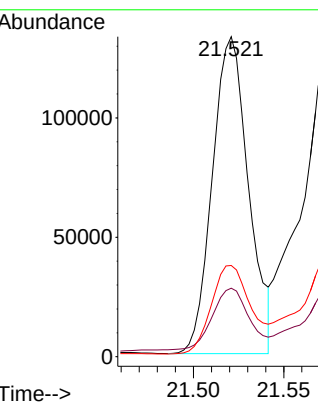
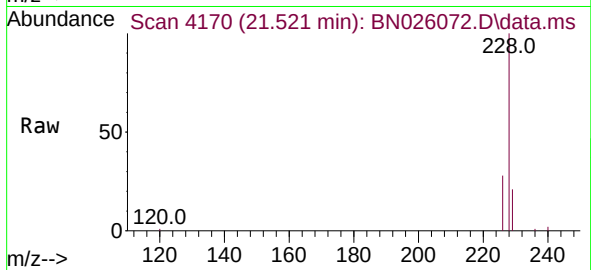
226 28.5 22.5 33.7

Manual Integrations

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Reviewed By :Yogesh Patel 06/29/2023

Supervised By :mohammad ahmed 06/30/2023



#22

Chrysene

Concen: 3.027 ng/ul

RT: 21.576 min Scan# 4189

Delta R.T. -0.002 min

Lab File: BN026072.D

Acq: 29 Jun 2023 00:08

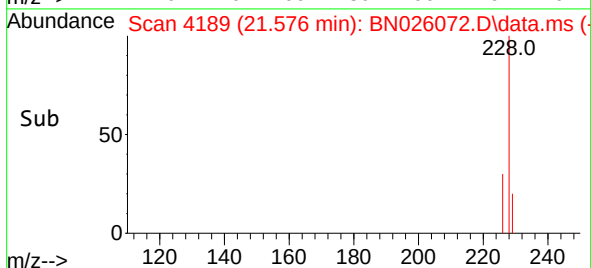
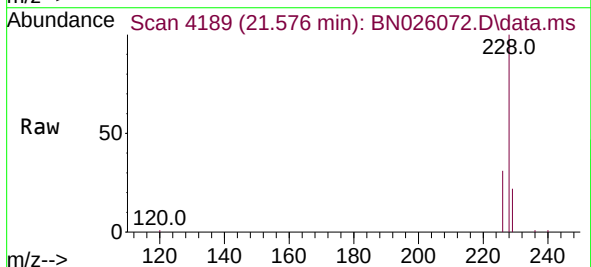
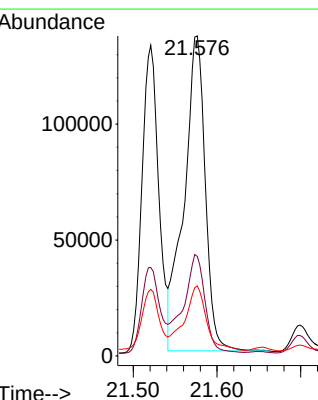
Tgt Ion:228 Resp: 239708

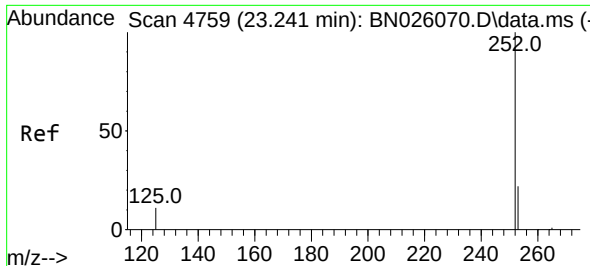
Ion Ratio Lower Upper

228 100

226 31.1 24.8 37.2

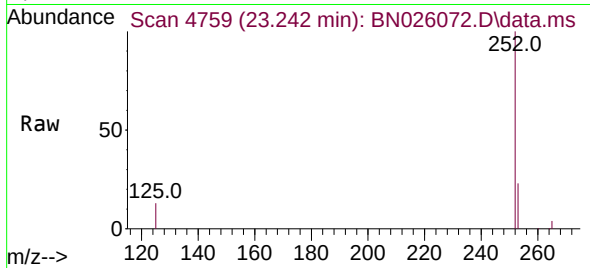
229 21.9 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 4.170 ng/ul m
RT: 23.242 min Scan# 4759
Delta R.T. -0.011 min
Lab File: BN026072.D
Acq: 29 Jun 2023 00:08

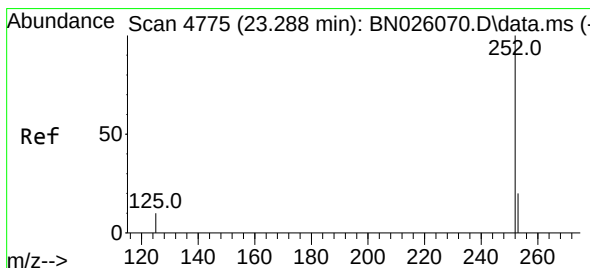
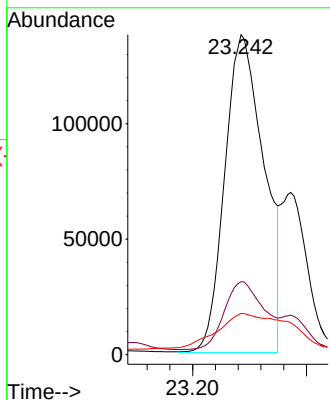
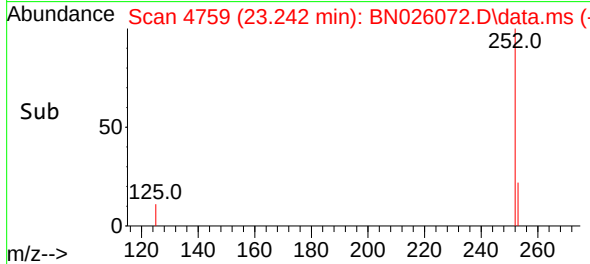
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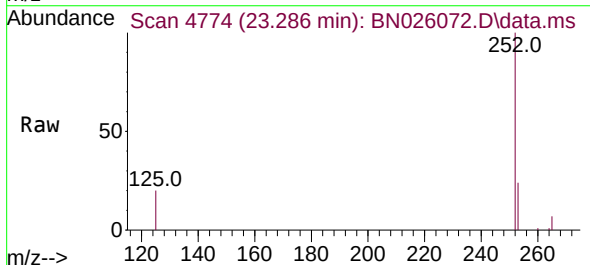
Tgt Ion:252 Resp: 32956
Ion Ratio Lower Upper
252 100
253 22.8 0.0 55.6
125 12.9 0.0 35.8

Manual Integrations
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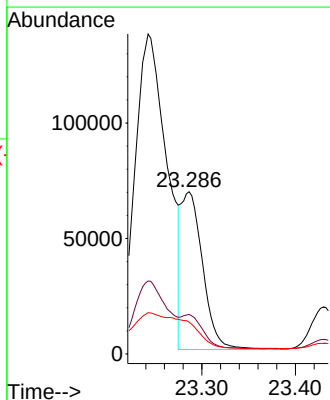
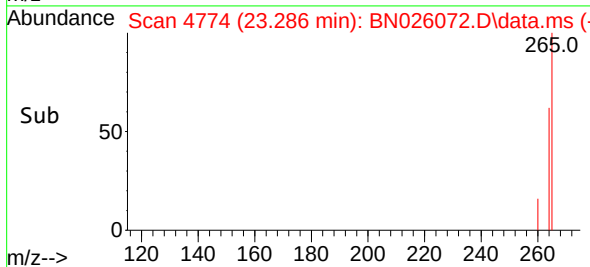
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023

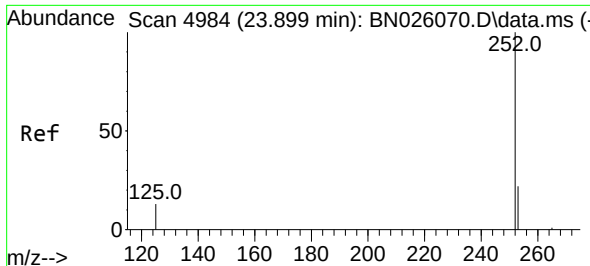


#25
Benzo(k)fluoranthene
Concen: 1.393 ng/ul m
RT: 23.286 min Scan# 4774
Delta R.T. -0.017 min
Lab File: BN026072.D
Acq: 29 Jun 2023 00:08



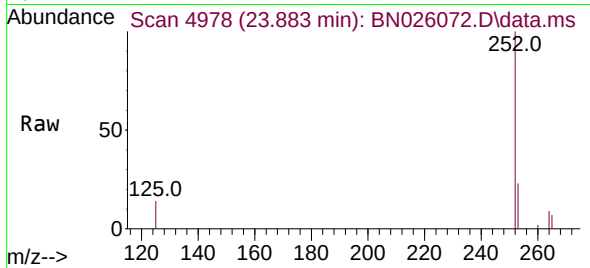
Tgt Ion:252 Resp: 110576
Ion Ratio Lower Upper
252 100
253 24.4 23.2 34.8
125 19.6 15.0 22.4





#26
Benzo(a)pyrene
Concen: 2.826 ng/ul
RT: 23.883 min Scan# 4984
Delta R.T. -0.023 min
Lab File: BN026072.D
Acq: 29 Jun 2023 00:08

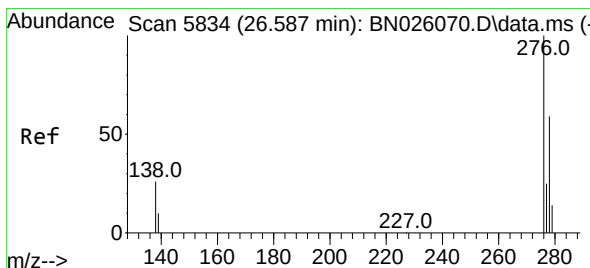
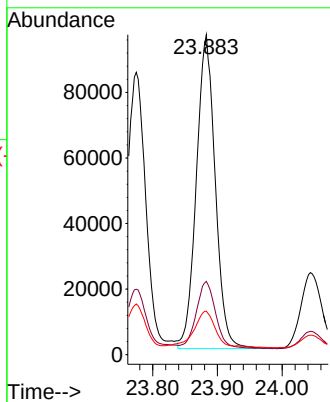
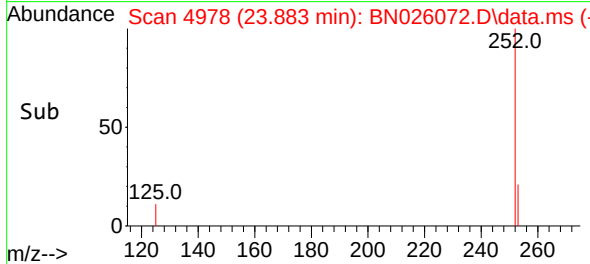
Instrument :
BNA_N
ClientSampleId :
DCFT9



Tgt Ion:252 Resp: 193960
Ion Ratio Lower Upper
252 100
253 22.9 26.0 39.0#
125 13.6 17.3 25.9#

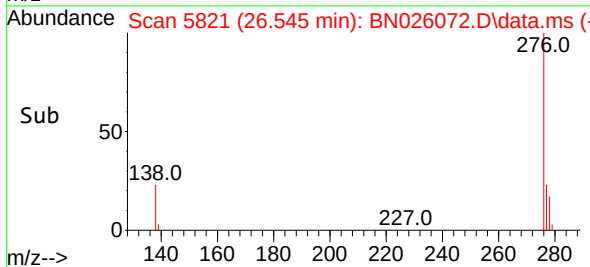
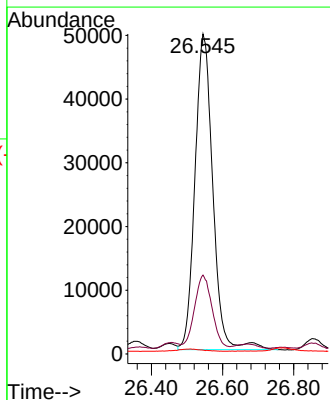
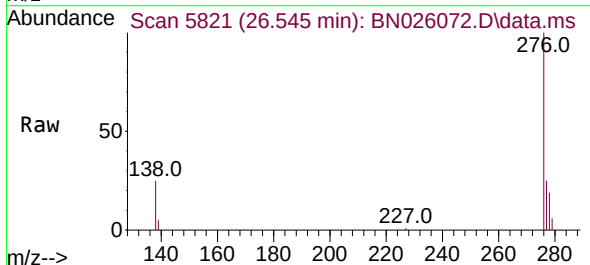
Manual Integrations
APPROVED

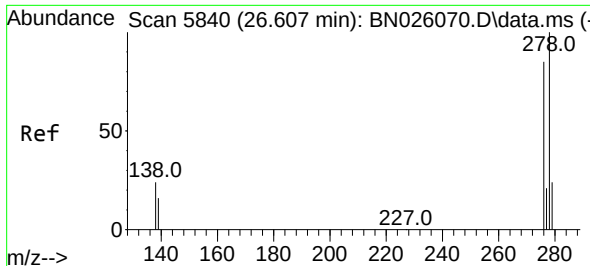
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.296 ng/ul
RT: 26.545 min Scan# 5821
Delta R.T. -0.049 min
Lab File: BN026072.D
Acq: 29 Jun 2023 00:08

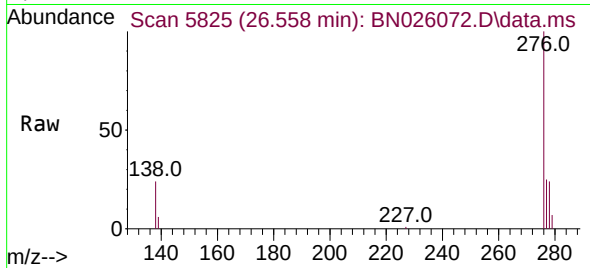
Tgt Ion:276 Resp: 172123
Ion Ratio Lower Upper
276 100
138 22.8 24.5 36.7#
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.691 ng/ul
RT: 26.558 min Scan# 5825
Delta R.T. -0.056 min
Lab File: BN026072.D
Acq: 29 Jun 2023 00:08

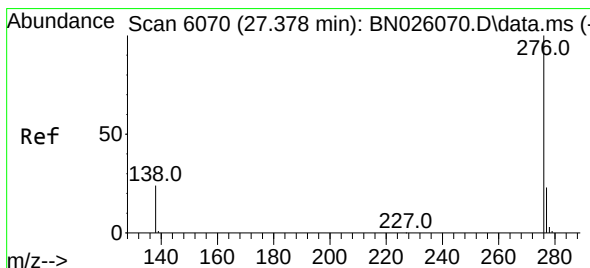
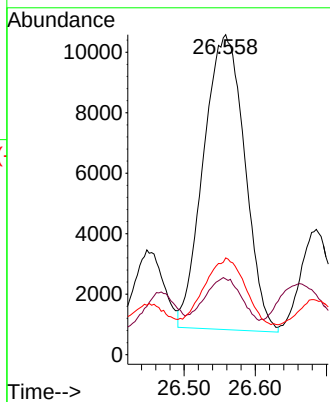
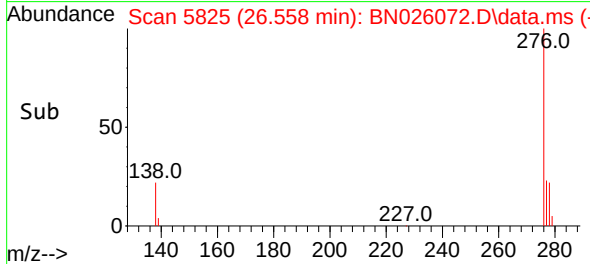
Instrument :
BNA_N
ClientSampleId :
DCFT9



Tgt Ion:278 Resp: 39179
Ion Ratio Lower Upper
278 100
139 23.6 19.0 28.4
279 30.2 26.7 40.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#29
Benzo(g,h,i)perylene
Concen: 2.431 ng/ul
RT: 27.336 min Scan# 6057
Delta R.T. -0.049 min
Lab File: BN026072.D
Acq: 29 Jun 2023 00:08

Tgt Ion:276 Resp: 162114
Ion Ratio Lower Upper
276 100
138 25.3 23.4 35.0
277 24.0 20.0 30.0

