

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
 Data File : BN026065.D
 Acq On : 28 Jun 2023 19:16
 Operator : MA/JU
 Sample : 03142-18
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFT5

Manual Integrations
 APPROVED

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

Quant Time: Jun 28 23:15:59 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	7.968	152	7970	0.400	ng/ul	0.00
4) Naphthalene-d8	10.781	136	26001	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.608	164	15704	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.356	188	33029	0.400	ng/ul	0.00
17) Chrysene-d12	21.544	240	19635	0.400	ng/ul	# 0.00
23) Perylene-d12	24.000	264	17444	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.327	96	6918	0.771	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.371	152	2120	0.053	ng/ul	0.00
18) Fluoranthene-d10	19.383	212	4681	0.063	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.831	128	6982	0.094	ng/ul#	95
7) 2-Methylnaphthalene	12.442	142	4424	0.093	ng/ul	97
8) 1-Methylnaphthalene	12.662	142	3239	0.066	ng/ul	98
10) Acenaphthylene	14.331	152	4047	0.055	ng/ul#	91
11) Acenaphthene	14.668	153	5031	0.084	ng/ul	99
12) Fluorene	15.654	166	3920	0.057	ng/ul#	96
15) Phenanthrene	17.394	178	84590	0.775	ng/ul	100
16) Anthracene	17.487	178	16038	0.165	ng/ul	95
19) Fluoranthene	19.411	202	196172	1.871	ng/ul	98
20) Pyrene	19.773	202	164887	1.512	ng/ul	97
21) Benzo(a)anthracene	21.527	228	71649	0.885	ng/ul	97
22) Chrysene	21.580	228	85498	1.014	ng/ul#	95
24) Benzo(b)fluoranthene	23.251	252	106004m	1.424	ng/ul	
25) Benzo(k)fluoranthene	23.295	252	36863m	0.493	ng/ul	
26) Benzo(a)pyrene	23.892	252	61881	0.957	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.558	276	47934	0.679	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.572	278	11598	0.217	ng/ul#	79
29) Benzo(g,h,i)perylene	27.353	276	49414	0.786	ng/ul	98

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

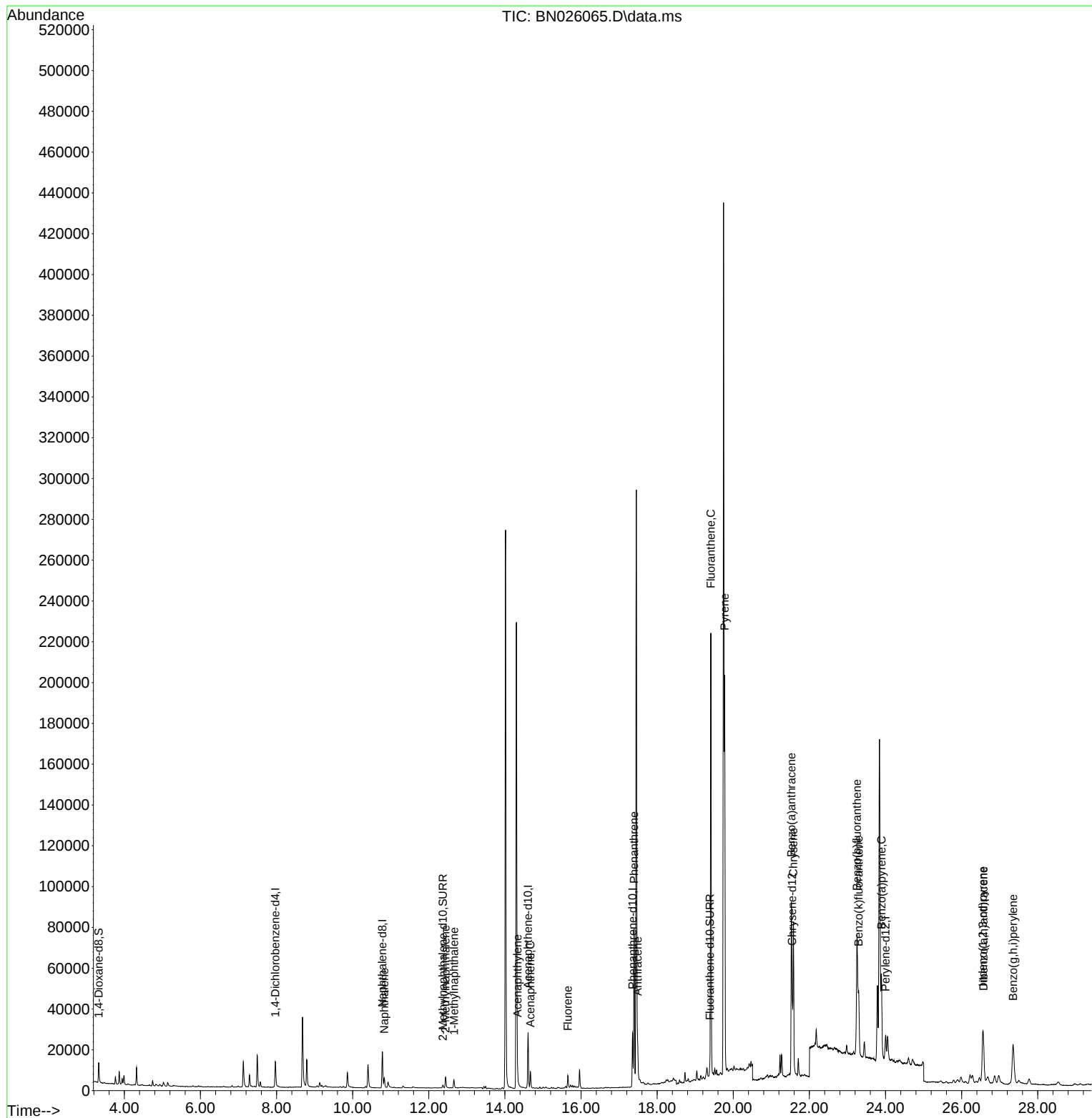
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
Data File : BN026065.D
Acq On : 28 Jun 2023 19:16
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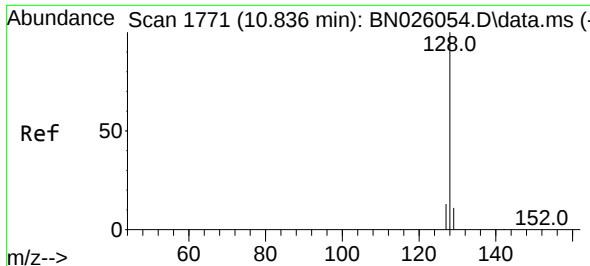
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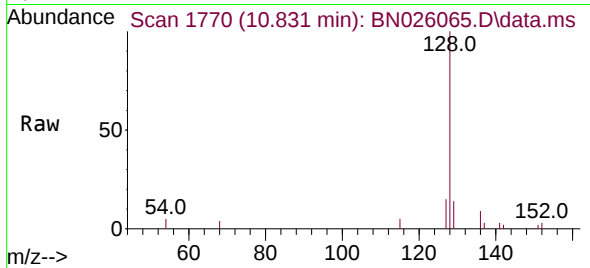
Quant Time: Jun 28 23:15:59 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 22:47:20 2023
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#5
Naphthalene
Concen: 0.094 ng/ul
RT: 10.831 min Scan# 1770
Delta R.T. -0.005 min
Lab File: BN026065.D
Acq: 28 Jun 2023 19:16

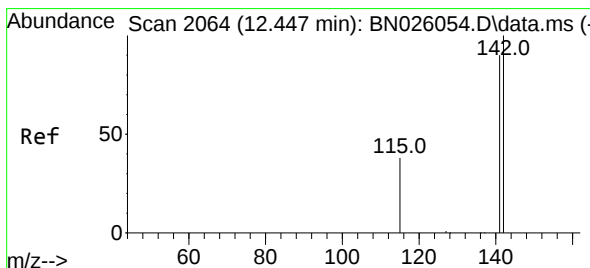
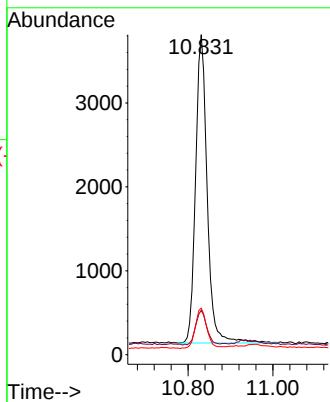
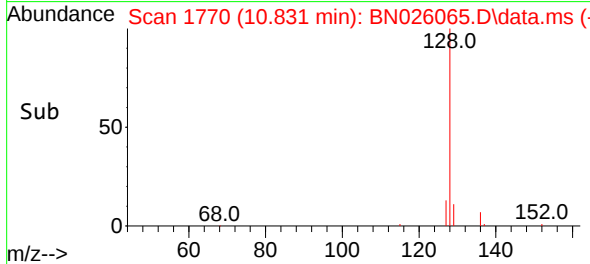
Instrument :
BNA_N
ClientSampleId :
DCFT5



Tgt Ion:128 Resp: 6982
Ion Ratio Lower Upper
128 100
129 13.8 9.1 13.7
127 14.6 10.7 16.1

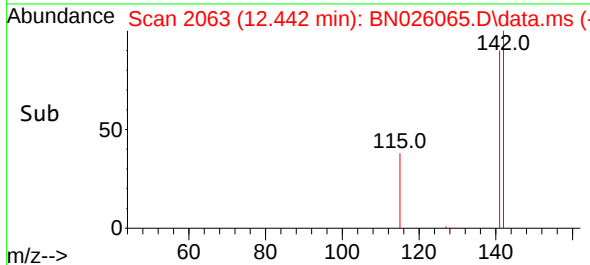
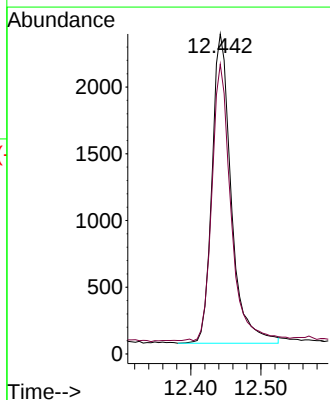
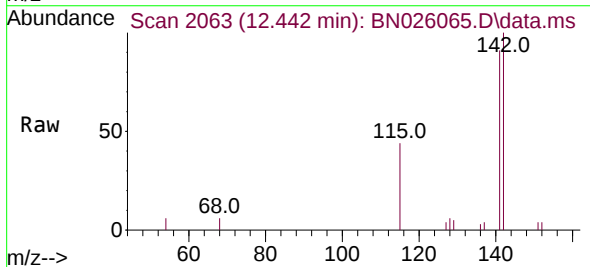
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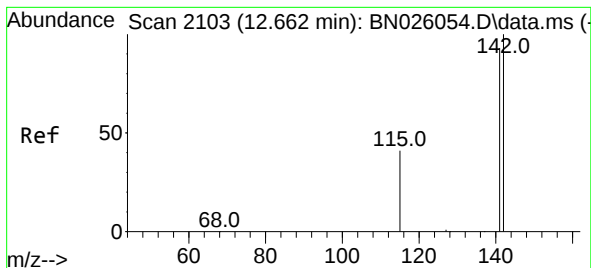
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#7
2-Methylnaphthalene
Concen: 0.093 ng/ul
RT: 12.442 min Scan# 2063
Delta R.T. -0.005 min
Lab File: BN026065.D
Acq: 28 Jun 2023 19:16

Tgt Ion:142 Resp: 4424
Ion Ratio Lower Upper
142 100
141 87.5 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.066 ng/ul

RT: 12.662 min Scan# 2103

Delta R.T. 0.000 min

Lab File: BN026065.D

Acq: 28 Jun 2023 19:16

Instrument :

BNA_N

ClientSampleId :

DCFT5

Tgt Ion:142 Resp: 3239

Ion Ratio Lower Upper

142 100

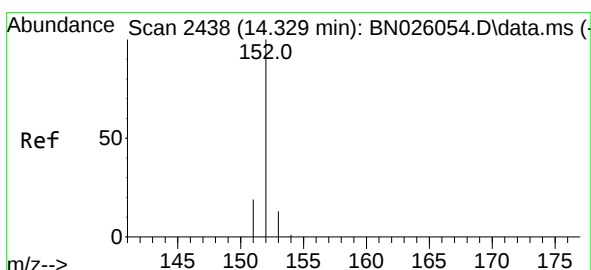
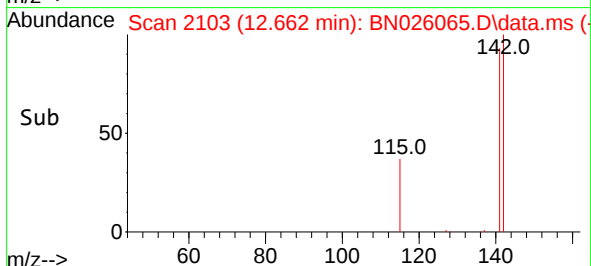
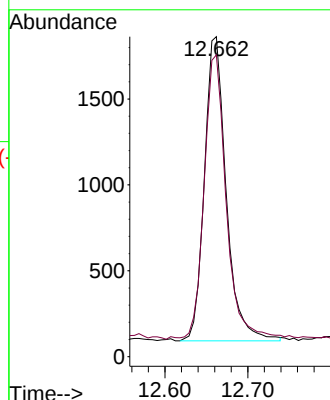
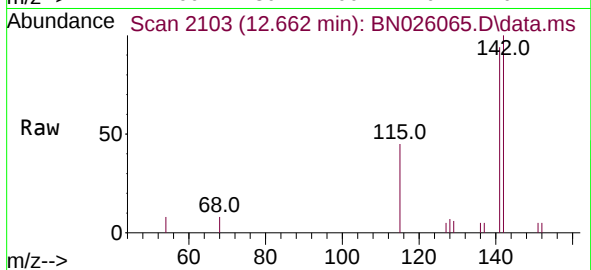
141 94.7 74.2 111.4

Manual Integrations

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#10

Acenaphthylene

Concen: 0.055 ng/ul

RT: 14.331 min Scan# 2438

Delta R.T. 0.001 min

Lab File: BN026065.D

Acq: 28 Jun 2023 19:16

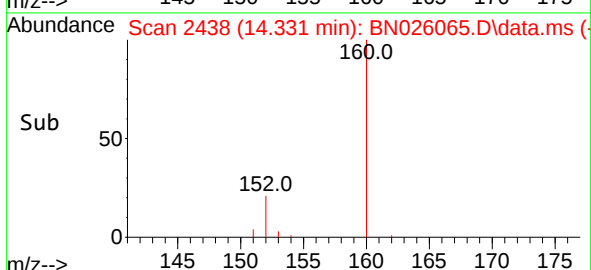
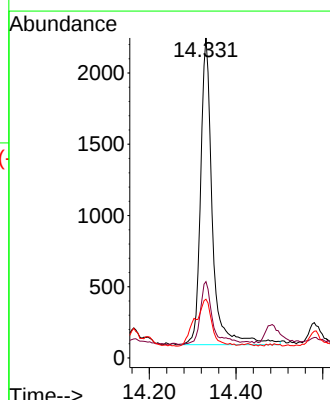
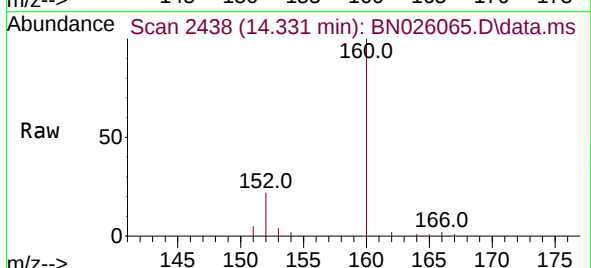
Tgt Ion:152 Resp: 4047

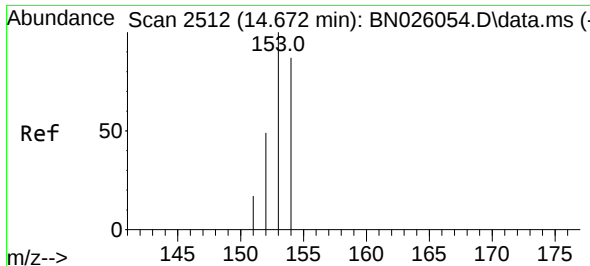
Ion Ratio Lower Upper

152 100

151 23.9 16.2 24.4

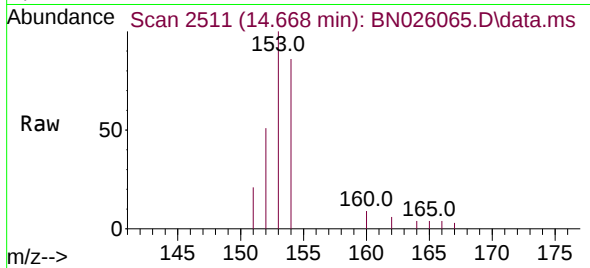
153 18.3 10.9 16.3#





#11
Acenaphthene
Concen: 0.084 ng/ul
RT: 14.668 min Scan# 2511
Delta R.T. -0.004 min
Lab File: BN026065.D
Acq: 28 Jun 2023 19:16

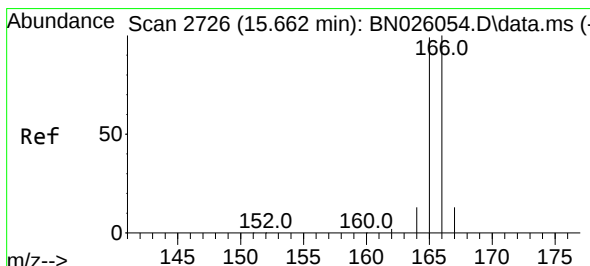
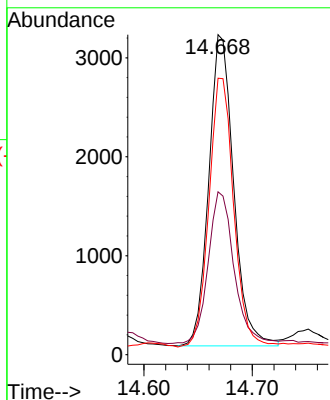
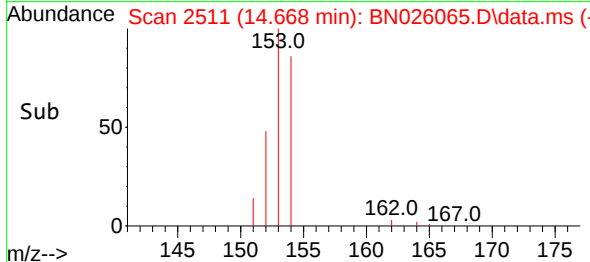
Instrument :
BNA_N
ClientSampleId :
DCFT5



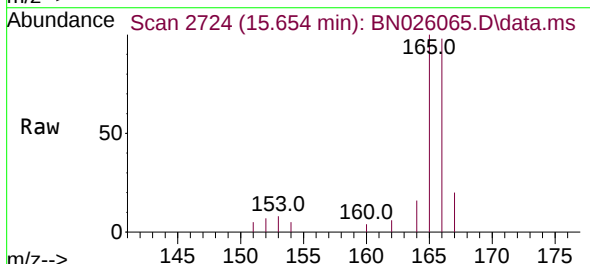
Tgt Ion:153 Resp: 503
Ion Ratio Lower Upper
153 100
152 50.9 39.4 59.0
154 86.4 68.9 103.3

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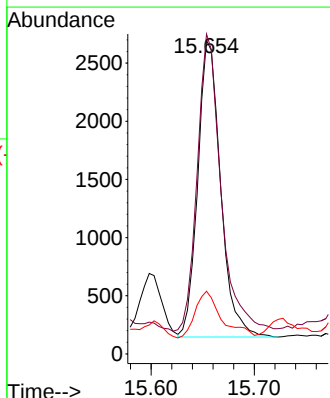
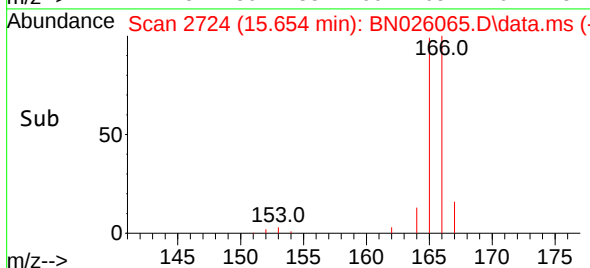
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023

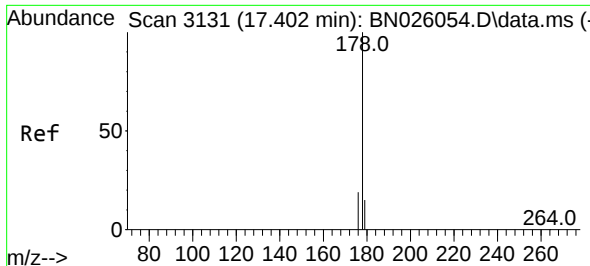


#12
Fluorene
Concen: 0.057 ng/ul
RT: 15.654 min Scan# 2724
Delta R.T. -0.008 min
Lab File: BN026065.D
Acq: 28 Jun 2023 19:16



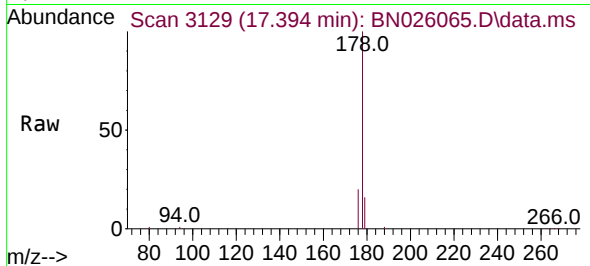
Tgt Ion:166 Resp: 3920
Ion Ratio Lower Upper
166 100
165 102.0 79.9 119.9
167 20.0 10.8 16.2#





#15
Phenanthrene
Concen: 0.775 ng/ul
RT: 17.394 min Scan# 3129
Delta R.T. -0.007 min
Lab File: BN026065.D
Acq: 28 Jun 2023 19:16

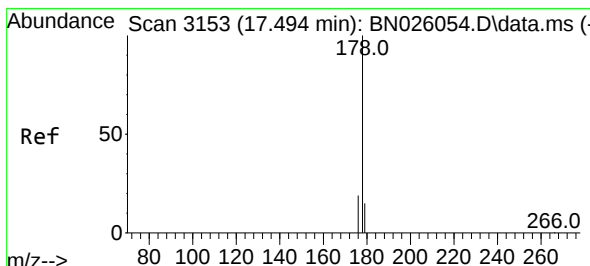
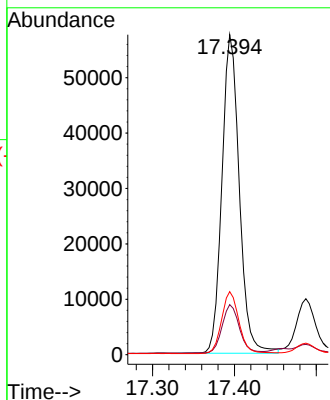
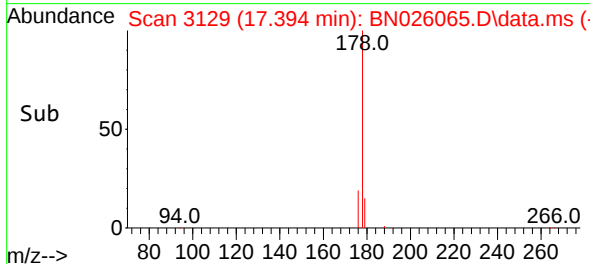
Instrument :
BNA_N
ClientSampleId :
DCFT5



Tgt Ion:178 Resp: 84590
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 19.7 15.8 23.6

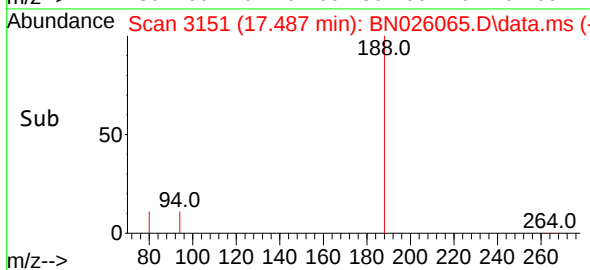
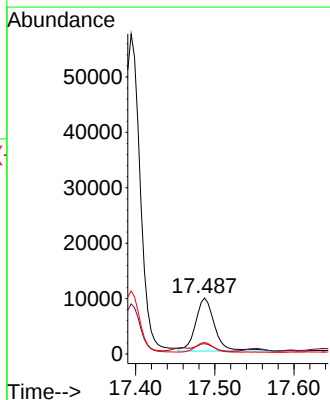
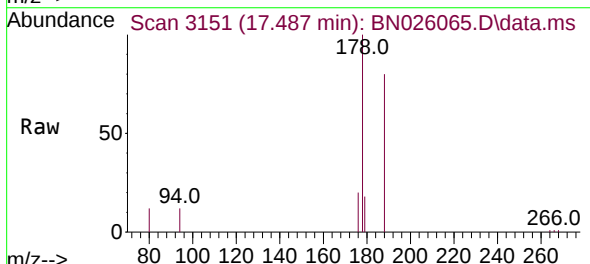
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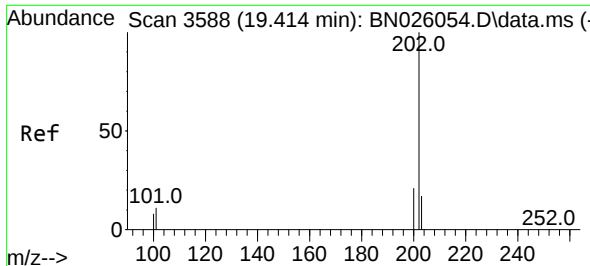
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#16
Anthracene
Concen: 0.165 ng/ul
RT: 17.487 min Scan# 3151
Delta R.T. -0.007 min
Lab File: BN026065.D
Acq: 28 Jun 2023 19:16

Tgt Ion:178 Resp: 16038
Ion Ratio Lower Upper
178 100
179 18.4 12.6 18.8
176 20.5 15.1 22.7





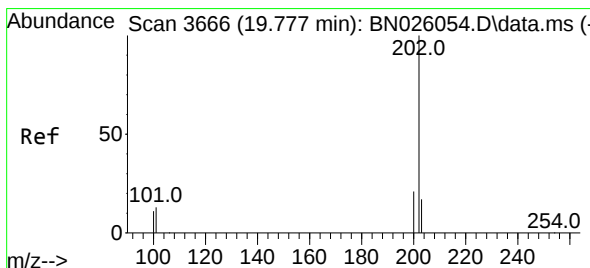
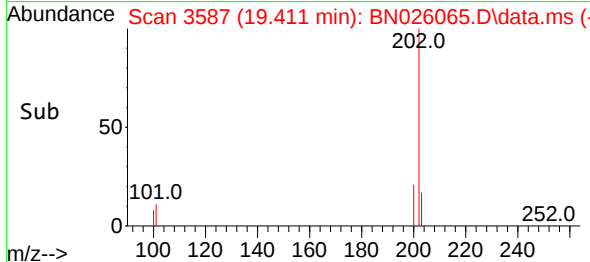
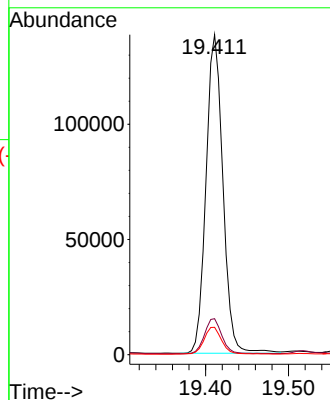
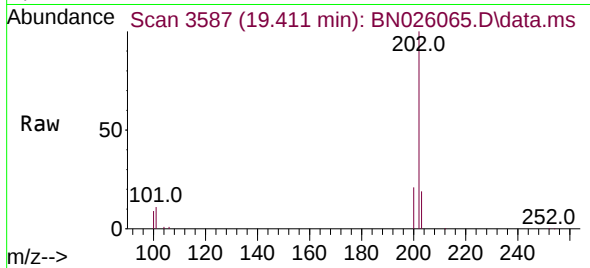
#19
Fluoranthene
Concen: 1.871 ng/ul
RT: 19.411 min Scan# 3587
Delta R.T. -0.004 min
Lab File: BN026065.D
Acq: 28 Jun 2023 19:16

Instrument :
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DCFT5

Tgt Ion:202 Resp: 196172
Ion Ratio Lower Upper
202 100
101 11.2 9.5 14.3
100 8.5 7.3 10.9

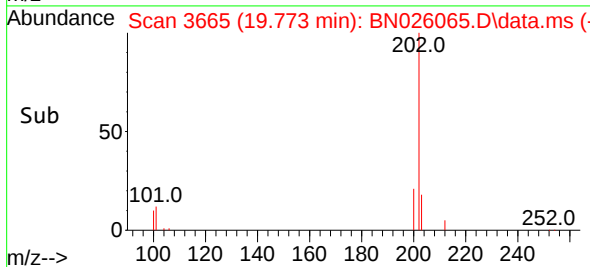
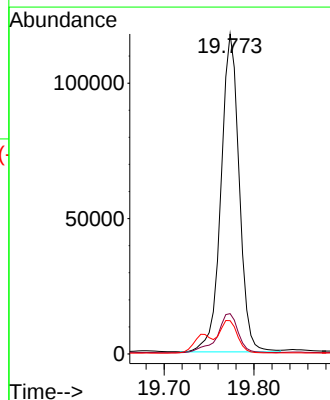
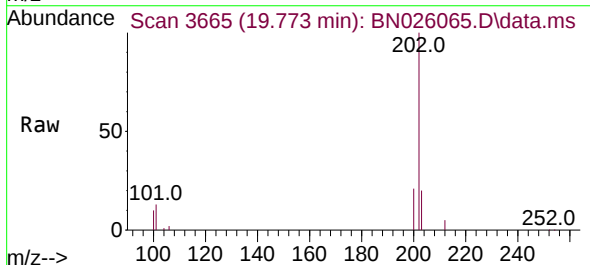
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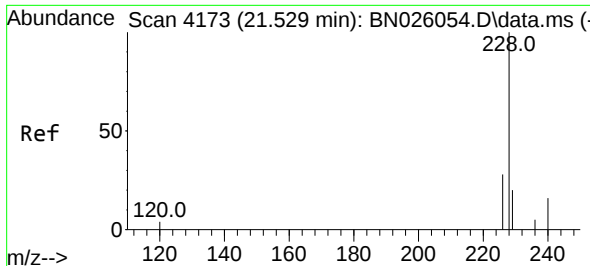
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#20
Pyrene
Concen: 1.512 ng/ul
RT: 19.773 min Scan# 3665
Delta R.T. -0.004 min
Lab File: BN026065.D
Acq: 28 Jun 2023 19:16

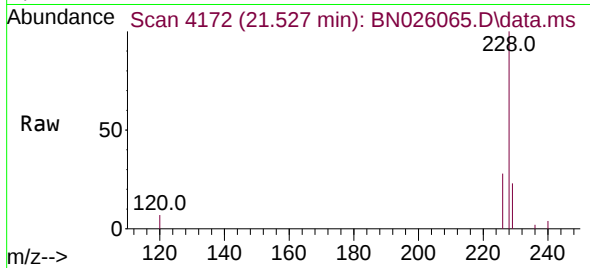
Tgt Ion:202 Resp: 164887
Ion Ratio Lower Upper
202 100
101 12.6 11.4 17.0
100 10.4 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.885 ng/ul
RT: 21.527 min Scan# 4172
Delta R.T. -0.002 min
Lab File: BN026065.D
Acq: 28 Jun 2023 19:16

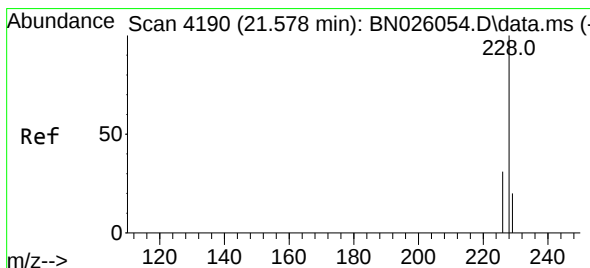
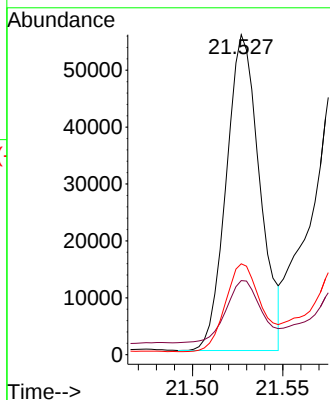
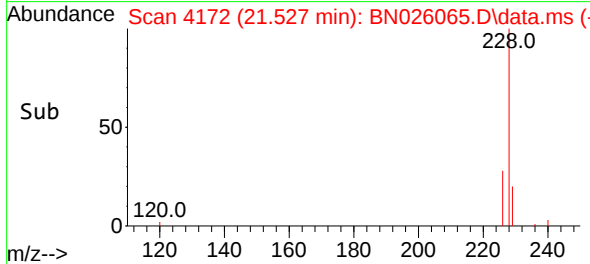
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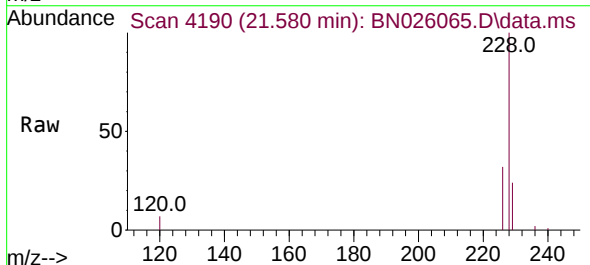
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Ion Ratio Lower Upper
228 100
229 23.2 15.8 23.6
226 28.4 22.5 33.7

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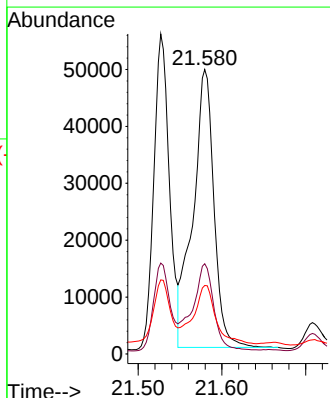
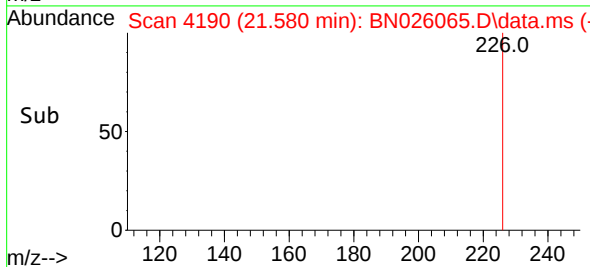
Reviewed By :Yogesh Patel 06/29/2023
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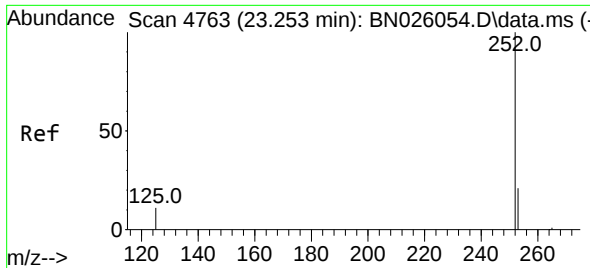


#22
Chrysene
Concen: 1.014 ng/ul
RT: 21.580 min Scan# 4190
Delta R.T. 0.001 min
Lab File: BN026065.D
Acq: 28 Jun 2023 19:16



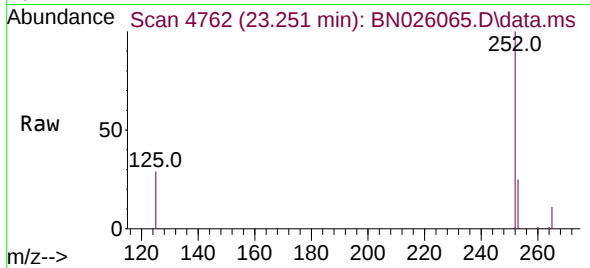
Tgt Ion:228 Resp: 85498
Ion Ratio Lower Upper
228 100
226 31.7 24.8 37.2
229 24.1 15.7 23.5#





#24
Benzo(b)fluoranthene
Concen: 1.424 ng/ul m
RT: 23.251 min Scan# 4762
Delta R.T. -0.002 min
Lab File: BN026065.D
Acq: 28 Jun 2023 19:16

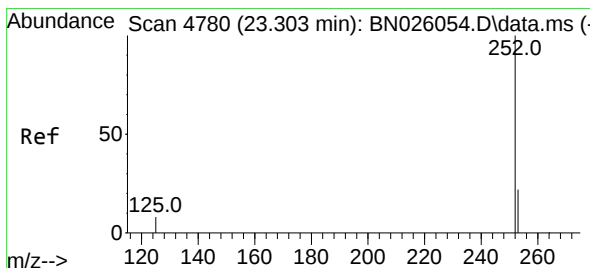
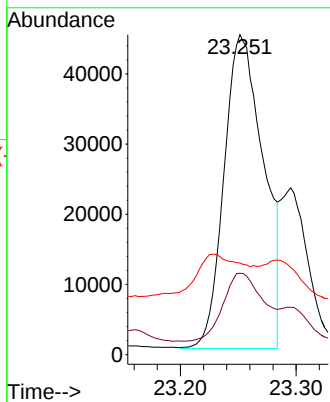
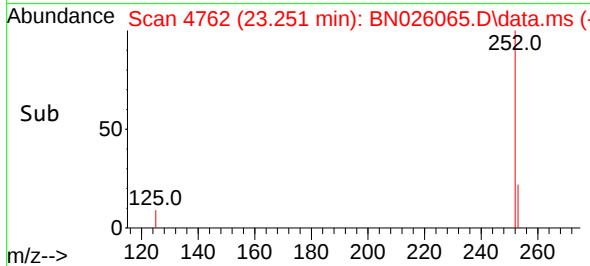
Instrument :
BNA_N
ClientSampleId :
DCFT5



Tgt Ion:252 Resp: 106004
Ion Ratio Lower Upper
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253 25.4 0.0 55.6
125 28.6 0.0 35.8

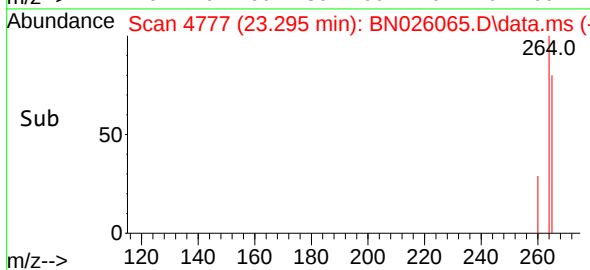
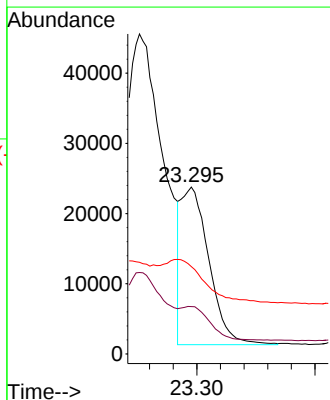
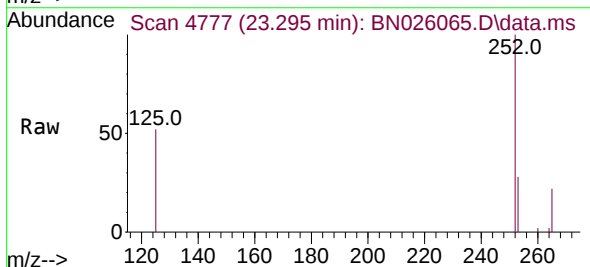
Manual Integrations
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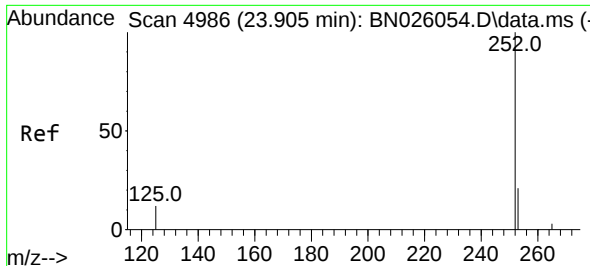
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#25
Benzo(k)fluoranthene
Concen: 0.493 ng/ul m
RT: 23.295 min Scan# 4777
Delta R.T. -0.008 min
Lab File: BN026065.D
Acq: 28 Jun 2023 19:16

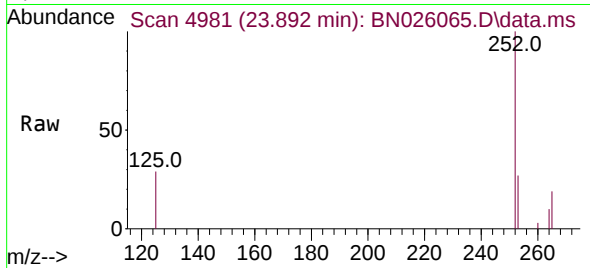
Tgt Ion:252 Resp: 36863
Ion Ratio Lower Upper
252 100
253 28.4 23.2 34.8
125 52.3 15.0 22.4#





#26
Benzo(a)pyrene
Concen: 0.957 ng/ul
RT: 23.892 min Scan# 4986
Delta R.T. -0.014 min
Lab File: BN026065.D
Acq: 28 Jun 2023 19:16

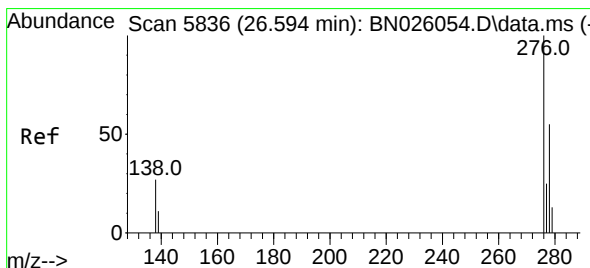
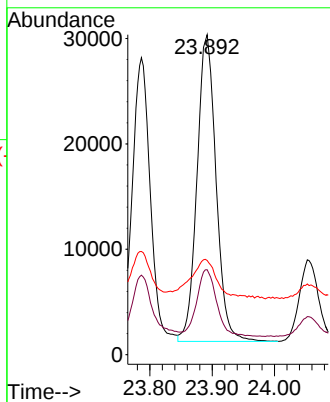
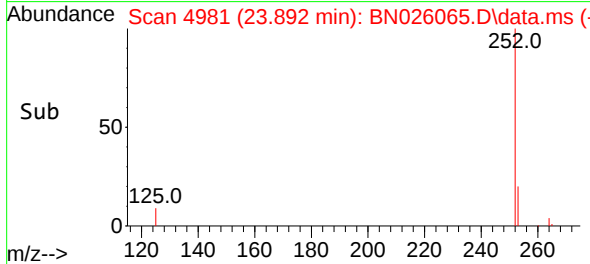
Instrument :
BNA_N
ClientSampleId :
DCFT5



Tgt Ion:252 Resp: 6188
Ion Ratio Lower Upper
252 100
253 26.5 26.0 39.0
125 29.5 17.3 25.9

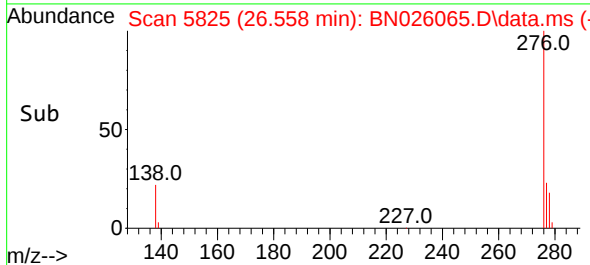
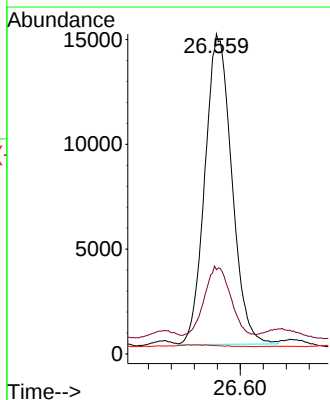
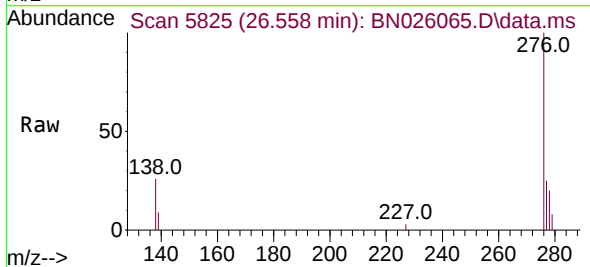
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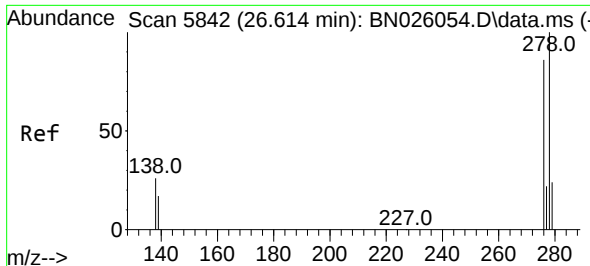
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.679 ng/ul
RT: 26.558 min Scan# 5825
Delta R.T. -0.036 min
Lab File: BN026065.D
Acq: 28 Jun 2023 19:16

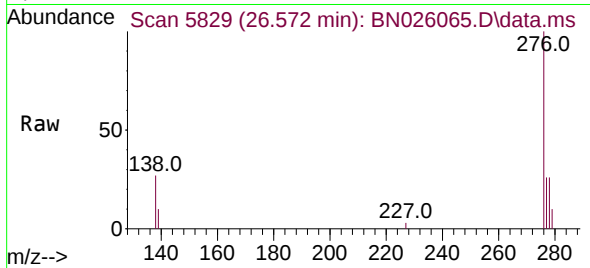
Tgt Ion:276 Resp: 47934
Ion Ratio Lower Upper
276 100
138 23.6 24.5 36.7#
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.217 ng/ul
RT: 26.572 min Scan# 5829
Delta R.T. -0.043 min
Lab File: BN026065.D
Acq: 28 Jun 2023 19:16

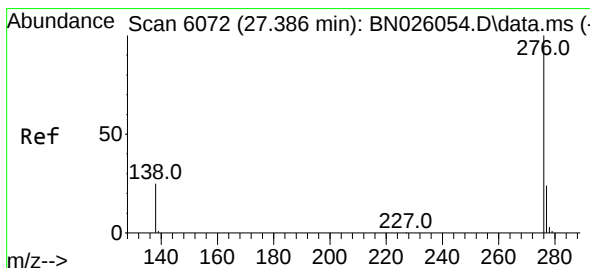
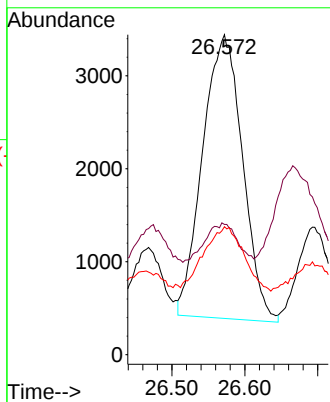
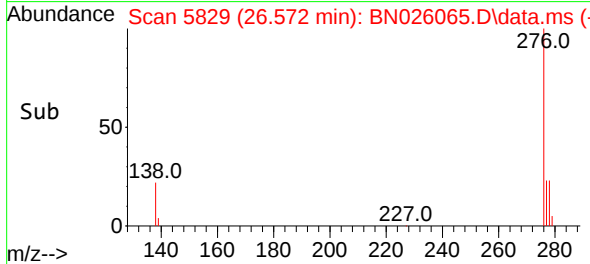
Instrument :
BNA_N
ClientSampleId :
DCFT5



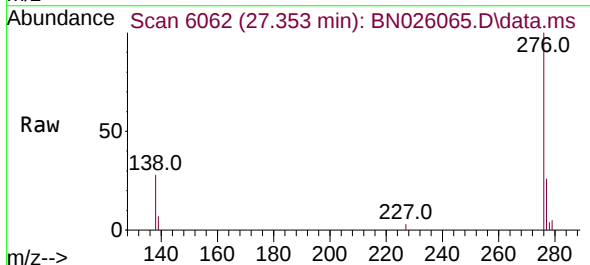
Tgt Ion:278 Resp: 11598
Ion Ratio Lower Upper
278 100
139 40.7 19.0 28.4
279 40.0 26.7 40.1

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



#29
Benzo(g,h,i)perylene
Concen: 0.786 ng/ul
RT: 27.353 min Scan# 6062
Delta R.T. -0.032 min
Lab File: BN026065.D
Acq: 28 Jun 2023 19:16



Tgt Ion:276 Resp: 49414
Ion Ratio Lower Upper
276 100
138 28.1 23.4 35.0
277 25.9 20.0 30.0

