

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
 Data File : BN026107.D
 Acq On : 29 Jun 2023 22:47
 Operator : MA/JU
 Sample : 03143-20
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFV7

Manual Integrations
 APPROVED

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

Quant Time: Jun 30 00:46:12 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	7.963	152	8667	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.776	136	28891	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.602	164	17053	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.351	188	32601	0.400	ng/ul	0.00
17) Chrysene-d12	21.535	240	17235	0.400	ng/ul	# 0.00
23) Perylene-d12	23.984	264	17408	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.326	96	19007	1.947	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.365	152	5891	0.133	ng/ul	0.00
18) Fluoranthene-d10	19.377	212	10088	0.154	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.825	128	10864	0.131	ng/ul	97
7) 2-Methylnaphthalene	12.436	142	6409	0.122	ng/ul	99
8) 1-Methylnaphthalene	12.656	142	4994	0.091	ng/ul	100
10) Acenaphthylene	14.325	152	15671	0.196	ng/ul	97
11) Acenaphthene	14.667	153	7129	0.109	ng/ul	98
12) Fluorene	15.653	166	6419	0.086	ng/ul#	99
15) Phenanthrene	17.393	178	181020	1.681	ng/ul	99
16) Anthracene	17.482	178	29973	0.313	ng/ul	98
19) Fluoranthene	19.405	202	458987	4.986	ng/ul	99
20) Pyrene	19.768	202	361564	3.776	ng/ul	98
21) Benzo(a)anthracene	21.517	228	156515	2.201	ng/ul	97
22) Chrysene	21.573	228	181758	2.457	ng/ul	97
24) Benzo(b)fluoranthene	23.239	252	272229m	3.664	ng/ul	
25) Benzo(k)fluoranthene	23.282	252	96187m	1.289	ng/ul	
26) Benzo(a)pyrene	23.876	252	172313	2.670	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.541	276	145359	2.062	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.551	278	33570	0.629	ng/ul	97
29) Benzo(g,h,i)perylene	27.335	276	137404	2.191	ng/ul	95

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

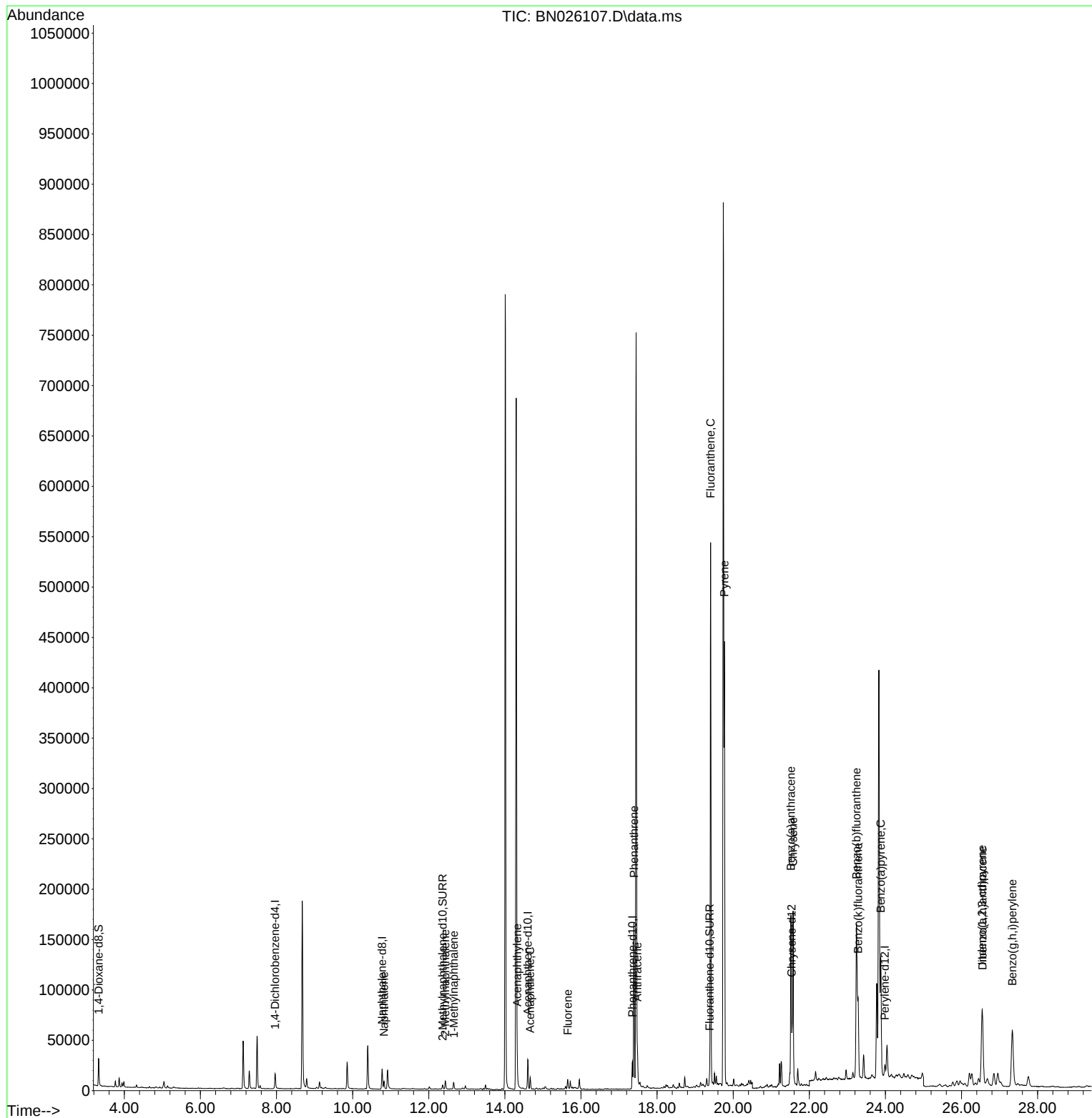
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
Data File : BN026107.D
Acq On : 29 Jun 2023 22:47
Operator : MA/JU
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ALS Vial : 27 Sample Multiplier: 1

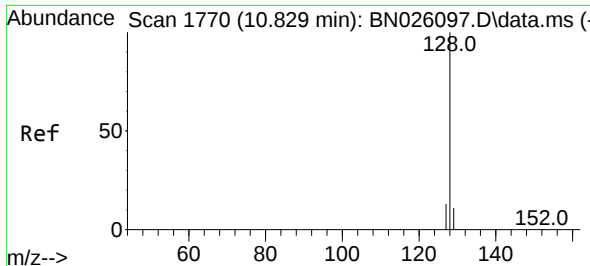
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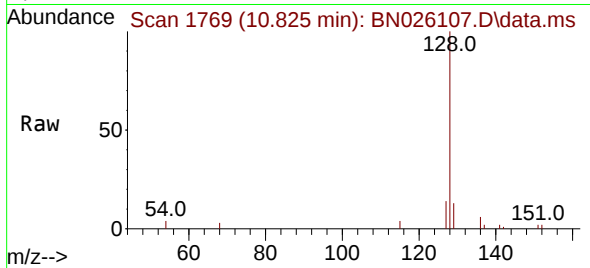
Quant Time: Jun 30 00:46:12 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 22:47:20 2023
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#5
Naphthalene
Concen: 0.131 ng/ul
RT: 10.825 min Scan# 1769
Delta R.T. -0.011 min
Lab File: BN026107.D
Acq: 29 Jun 2023 22:47

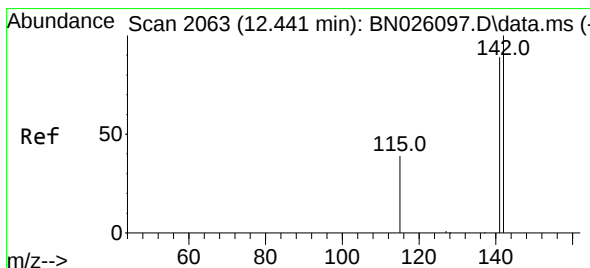
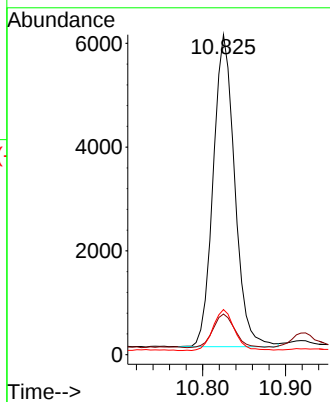
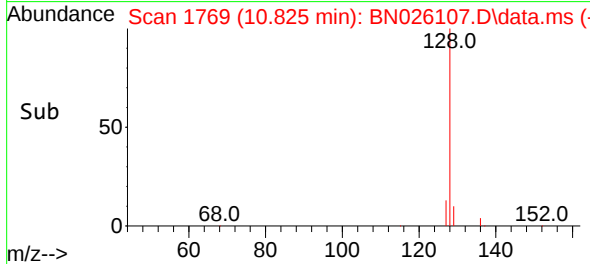
Instrument :
BNA_N
ClientSampleId :
DCFV7



Tgt Ion:128 Resp: 10864
Ion Ratio Lower Upper
128 100
129 12.7 9.1 13.7
127 14.1 10.7 16.1

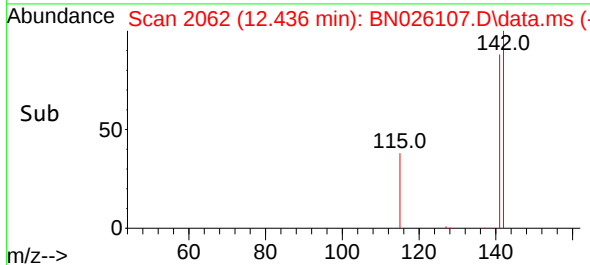
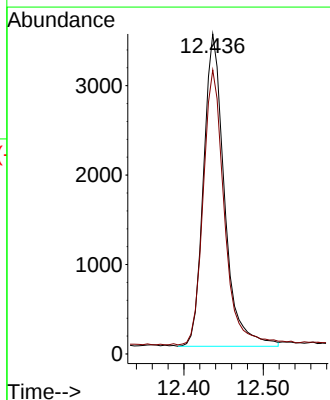
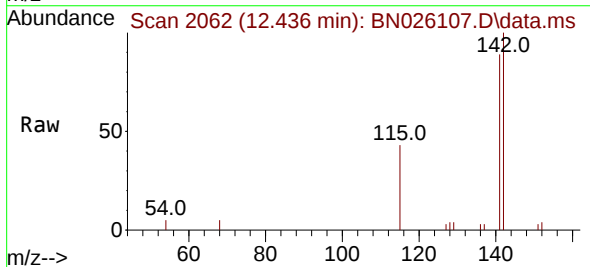
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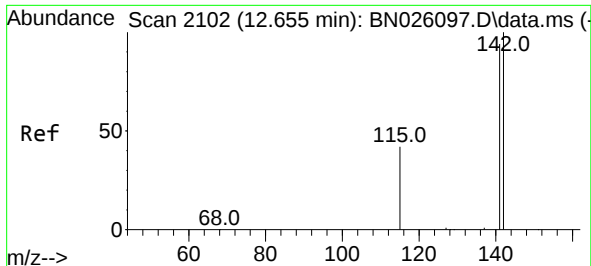
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#7
2-Methylnaphthalene
Concen: 0.122 ng/ul
RT: 12.436 min Scan# 2062
Delta R.T. -0.011 min
Lab File: BN026107.D
Acq: 29 Jun 2023 22:47

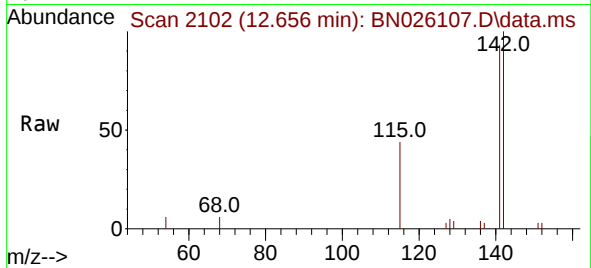
Tgt Ion:142 Resp: 6409
Ion Ratio Lower Upper
142 100
141 88.5 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.091 ng/ul
RT: 12.656 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BN026107.D
Acq: 29 Jun 2023 22:47

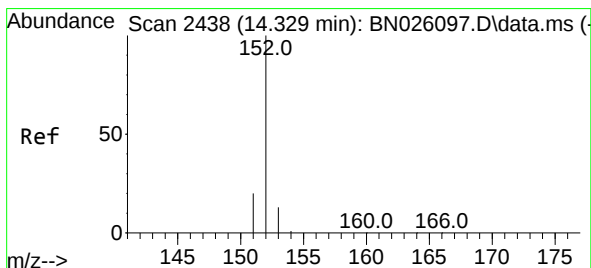
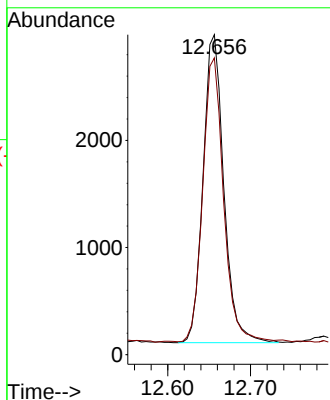
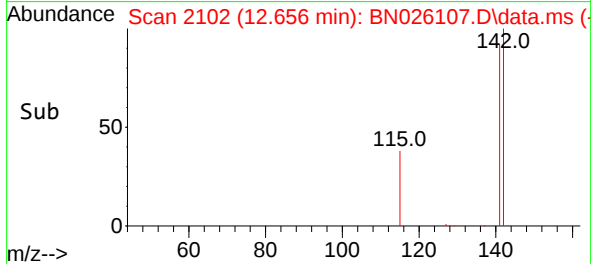
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 4994
Ion Ratio Lower Upper
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141 92.4 74.2 111.4

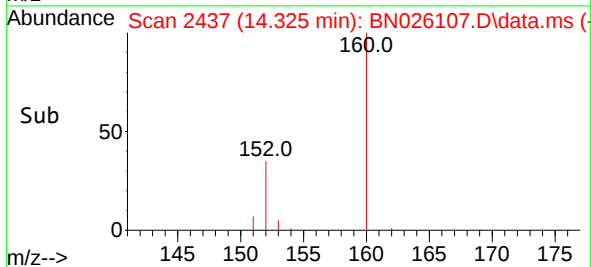
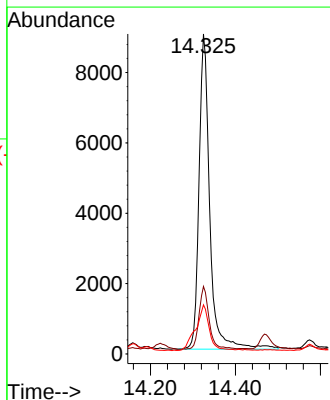
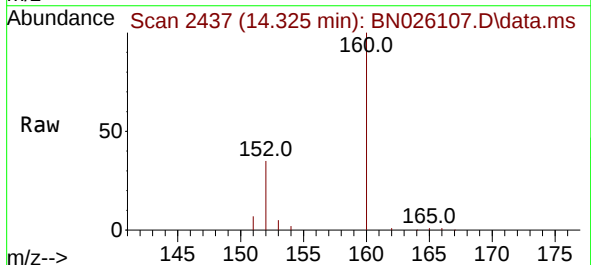
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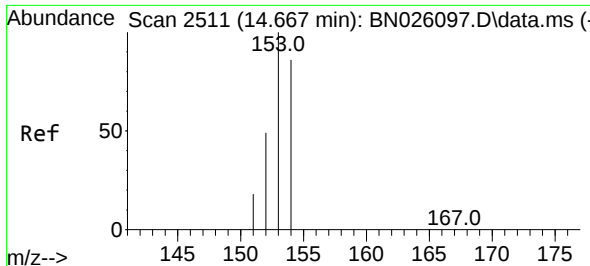
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#10
Acenaphthylene
Concen: 0.196 ng/ul
RT: 14.325 min Scan# 2437
Delta R.T. -0.005 min
Lab File: BN026107.D
Acq: 29 Jun 2023 22:47

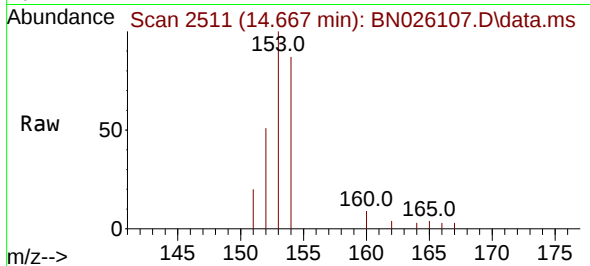
Tgt Ion:152 Resp: 15671
Ion Ratio Lower Upper
152 100
151 21.1 16.2 24.4
153 15.3 10.9 16.3





#11
Acenaphthene
Concen: 0.109 ng/uI
RT: 14.667 min Scan# 2511
Delta R.T. -0.005 min
Lab File: BN026107.D
Acq: 29 Jun 2023 22:47

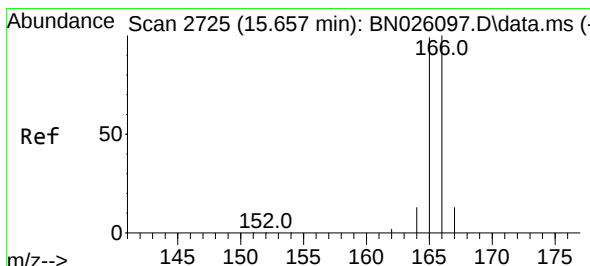
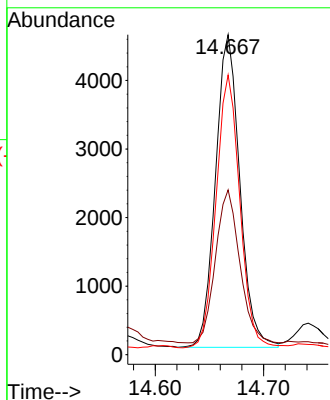
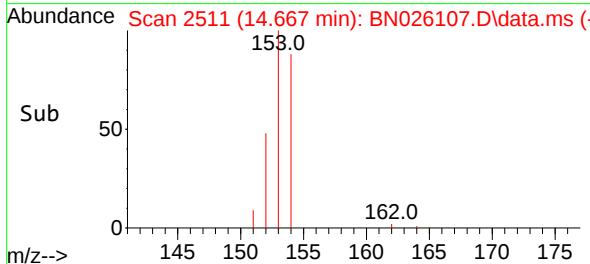
Instrument :
BNA_N
ClientSampleId :
DCFV7



Tgt Ion:153 Resp: 7129
Ion Ratio Lower Upper
153 100
152 51.5 39.4 59.0
154 87.4 68.9 103.3

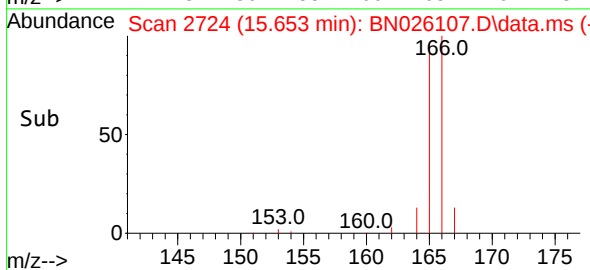
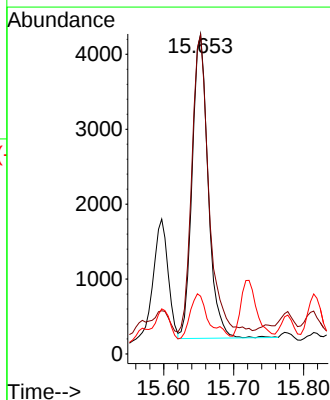
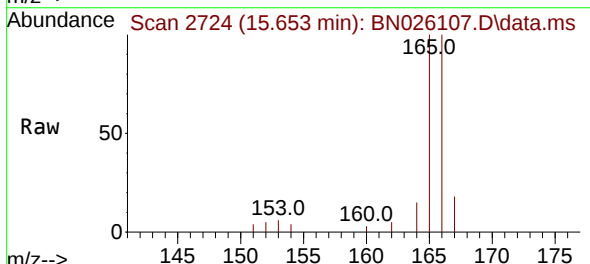
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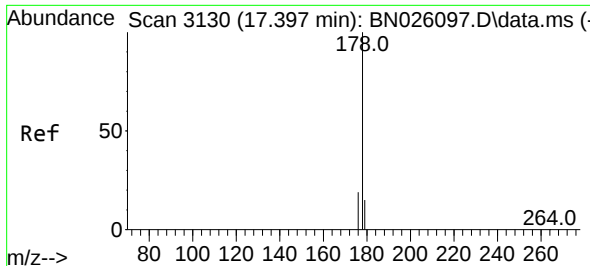
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#12
Fluorene
Concen: 0.086 ng/uI
RT: 15.653 min Scan# 2724
Delta R.T. -0.009 min
Lab File: BN026107.D
Acq: 29 Jun 2023 22:47

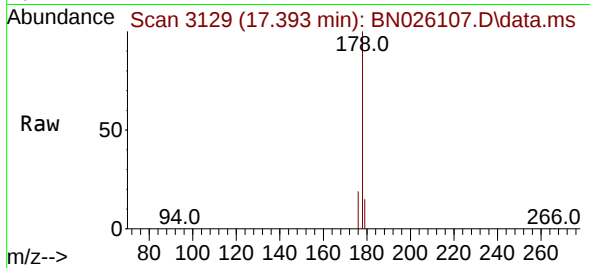
Tgt Ion:166 Resp: 6419
Ion Ratio Lower Upper
166 100
165 99.8 79.9 119.9
167 18.0 10.8 16.2#





#15
Phenanthrene
Concen: 1.681 ng/ul
RT: 17.393 min Scan# 3129
Delta R.T. -0.008 min
Lab File: BN026107.D
Acq: 29 Jun 2023 22:47

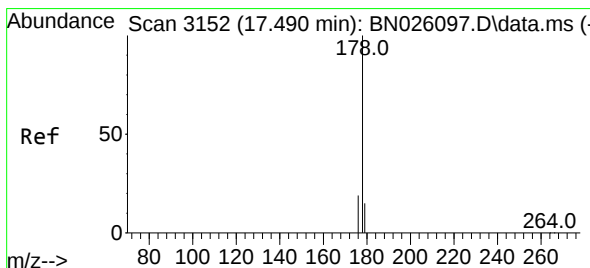
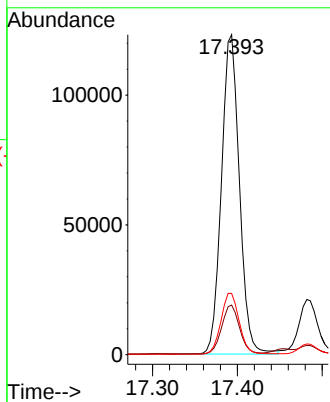
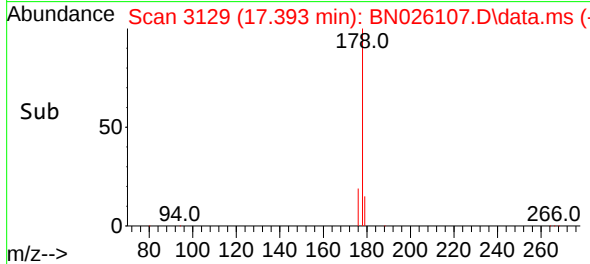
Instrument :
BNA_N
ClientSampleId :
DCFV7



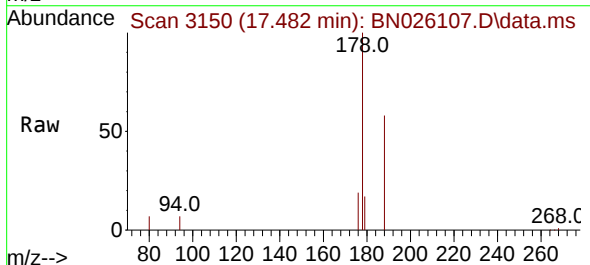
Tgt Ion:178 Resp: 181020
Ion Ratio Lower Upper
178 100
179 15.5 12.6 19.0
176 19.1 15.8 23.6

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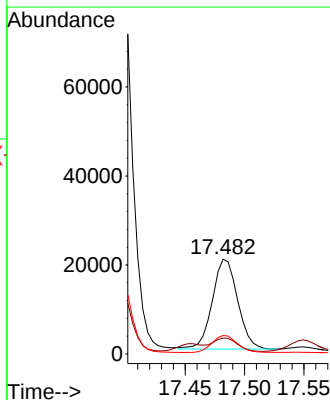
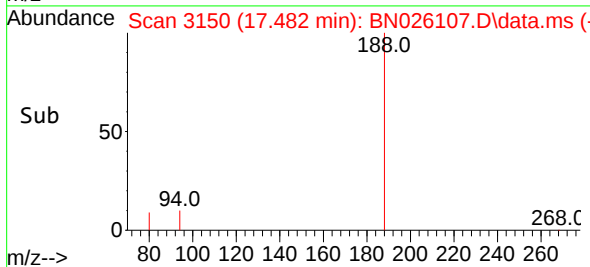
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

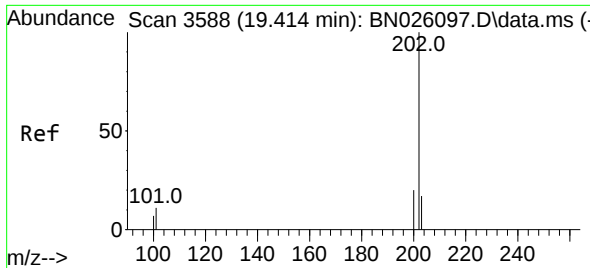


#16
Anthracene
Concen: 0.313 ng/ul
RT: 17.482 min Scan# 3150
Delta R.T. -0.013 min
Lab File: BN026107.D
Acq: 29 Jun 2023 22:47



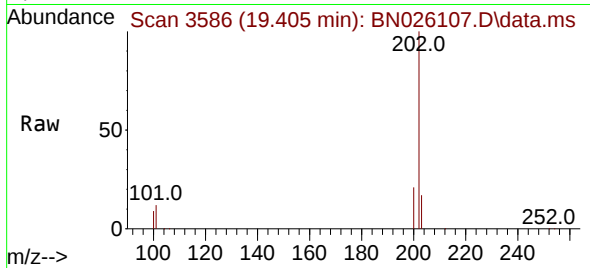
Tgt Ion:178 Resp: 29973
Ion Ratio Lower Upper
178 100
179 16.9 12.6 18.8
176 19.5 15.1 22.7





#19
Fluoranthene
Concen: 4.986 ng/u1
RT: 19.405 min Scan# 3586
Delta R.T. -0.009 min
Lab File: BN026107.D
Acq: 29 Jun 2023 22:47

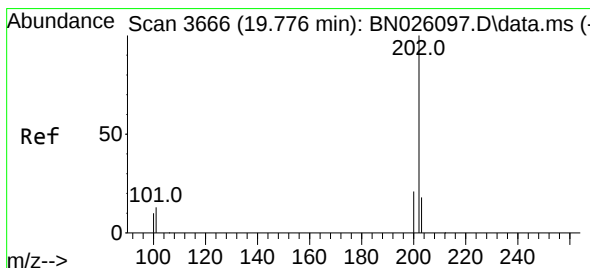
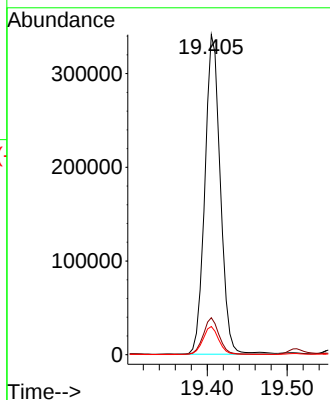
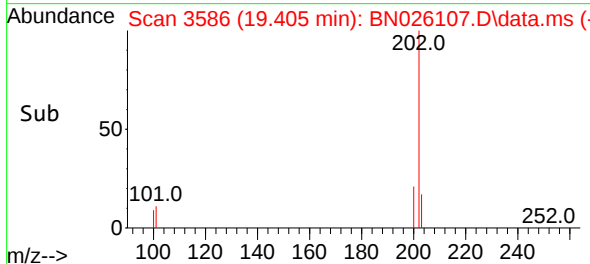
Instrument :
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DCFV7



Tgt Ion:202 Resp: 45898
Ion Ratio Lower Upper
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101 11.5 9.5 14.3
100 8.8 7.3 10.9

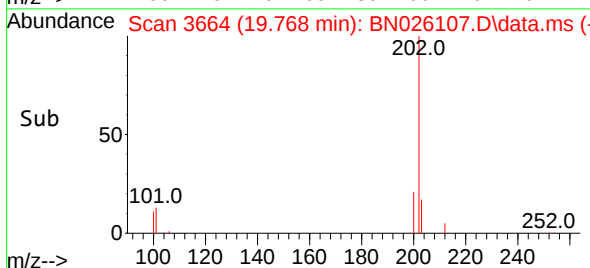
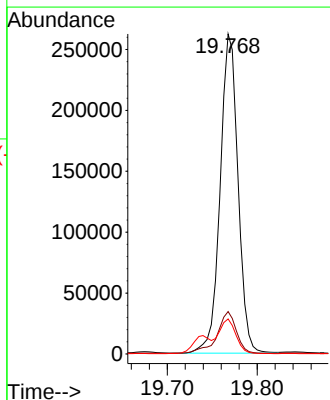
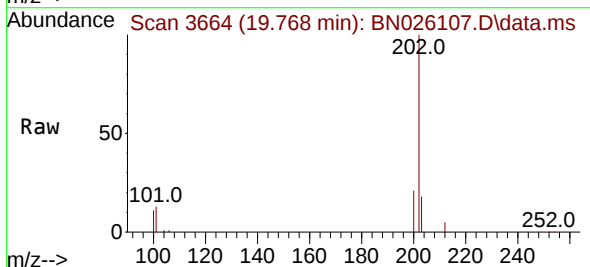
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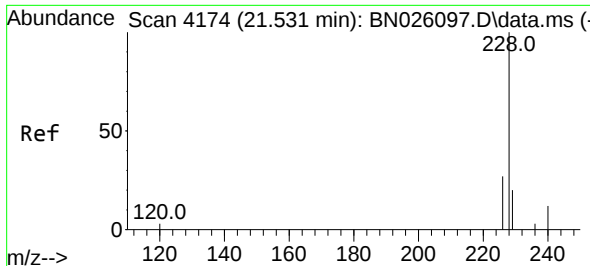
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#20
Pyrene
Concen: 3.776 ng/u1
RT: 19.768 min Scan# 3664
Delta R.T. -0.009 min
Lab File: BN026107.D
Acq: 29 Jun 2023 22:47

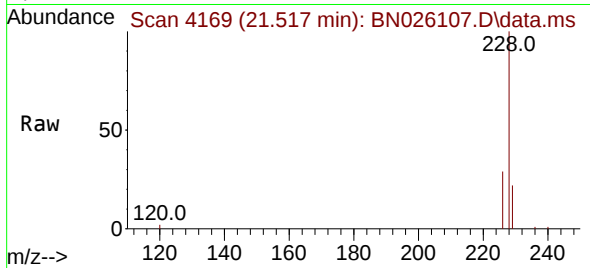
Tgt Ion:202 Resp: 361564
Ion Ratio Lower Upper
202 100
101 13.3 11.4 17.0
100 11.0 9.1 13.7





#21
Benzo(a)anthracene
Concen: 2.201 ng/ul
RT: 21.517 min Scan# 4118
Delta R.T. -0.012 min
Lab File: BN026107.D
Acq: 29 Jun 2023 22:47

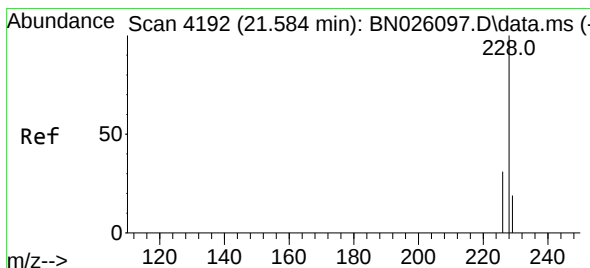
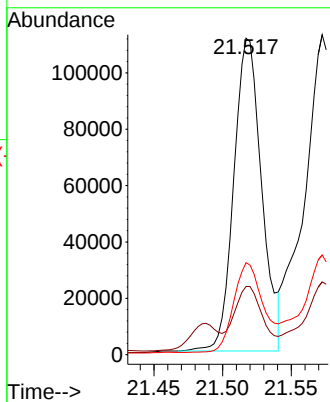
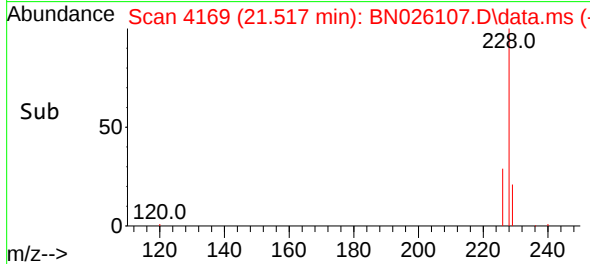
Instrument :
BNA_N
ClientSampleId :
DCFV7



Tgt Ion:228 Resp: 15651
Ion Ratio Lower Upper
228 100
229 21.5 15.8 23.6
226 29.1 22.5 33.7

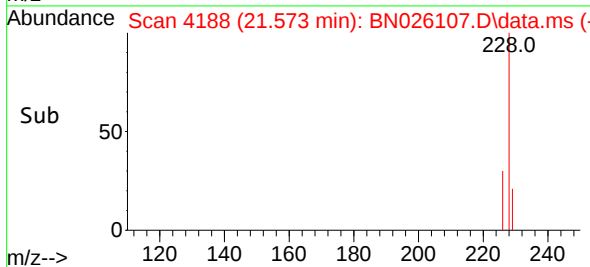
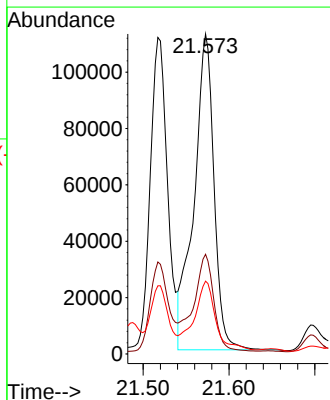
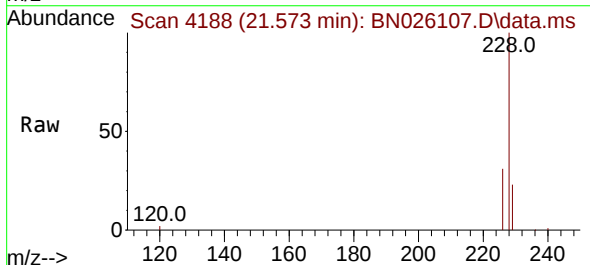
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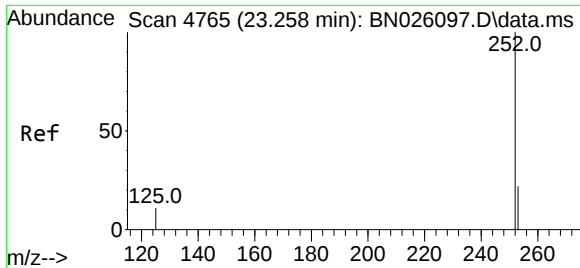
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#22
Chrysene
Concen: 2.457 ng/ul
RT: 21.573 min Scan# 4188
Delta R.T. -0.006 min
Lab File: BN026107.D
Acq: 29 Jun 2023 22:47

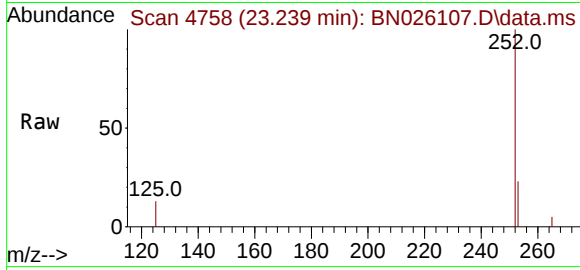
Tgt Ion:228 Resp: 181758
Ion Ratio Lower Upper
228 100
226 31.2 24.8 37.2
229 22.8 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 3.664 ng/ul m
RT: 23.239 min Scan# 4758
Delta R.T. -0.015 min
Lab File: BN026107.D
Acq: 29 Jun 2023 22:47

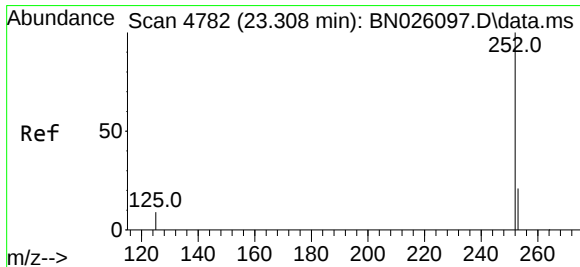
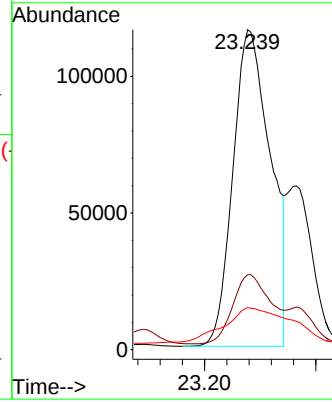
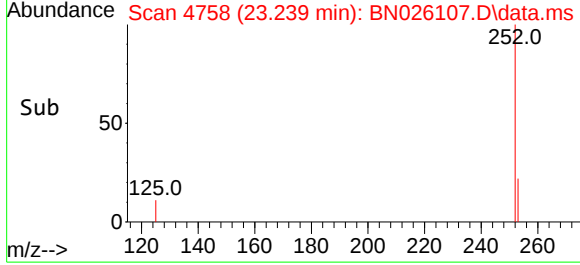
Instrument :
BNA_N
ClientSampleId :
DCFV7



Tgt Ion:252 Resp: 272229
Ion Ratio Lower Upper
252 100
253 23.4 0.0 55.6
125 13.1 0.0 35.8

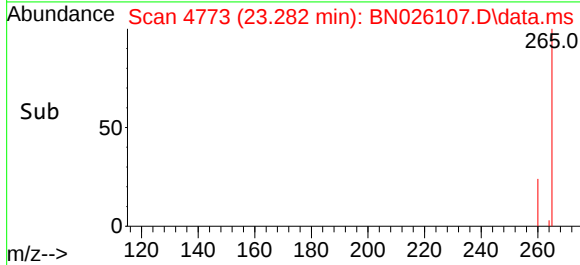
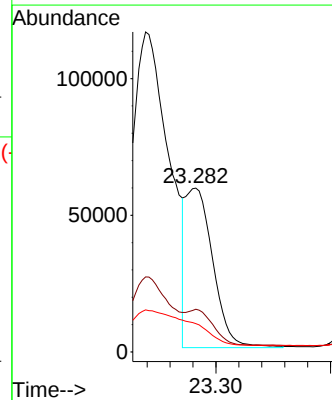
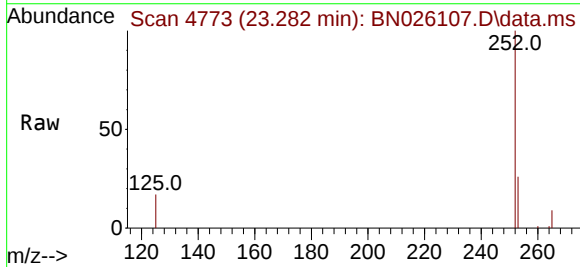
Manual Integrations
APPROVED

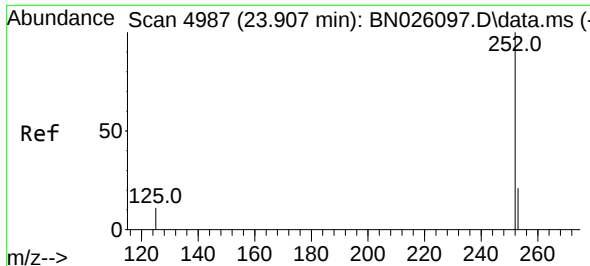
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#25
Benzo(k)fluoranthene
Concen: 1.289 ng/ul m
RT: 23.282 min Scan# 4773
Delta R.T. -0.021 min
Lab File: BN026107.D
Acq: 29 Jun 2023 22:47

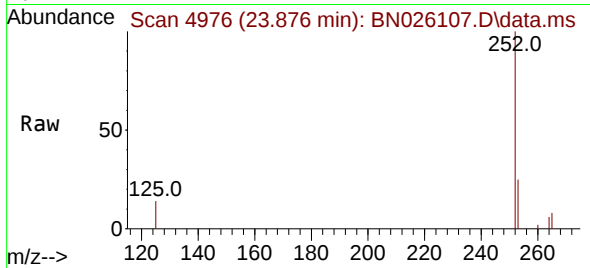
Tgt Ion:252 Resp: 96187
Ion Ratio Lower Upper
252 100
253 26.1 23.2 34.8
125 17.3 15.0 22.4





#26
Benzo(a)pyrene
Concen: 2.670 ng/ul
RT: 23.876 min Scan# 4987
Delta R.T. -0.029 min
Lab File: BN026107.D
Acq: 29 Jun 2023 22:47

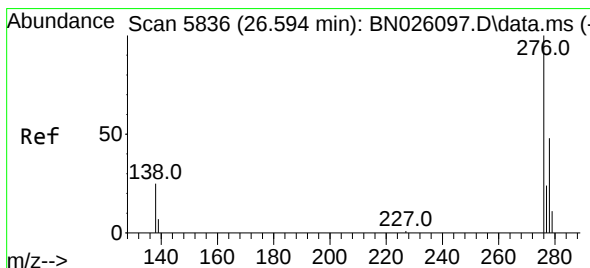
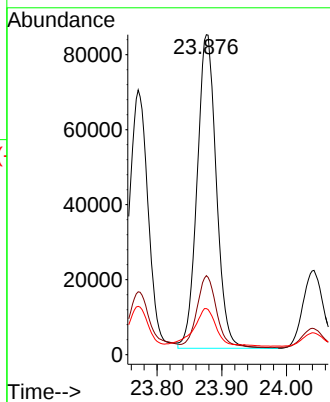
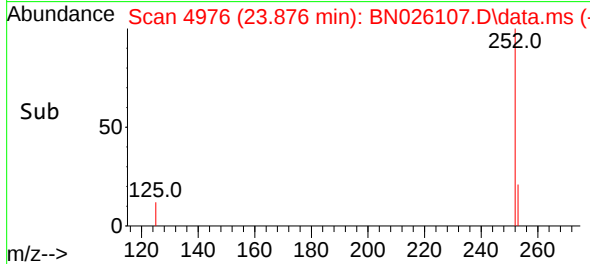
Instrument :
BNA_N
ClientSampleId :
DCFV7



Tgt Ion:252 Resp: 172311
Ion Ratio Lower Upper
252 100
253 24.7 26.0 39.0
125 14.4 17.3 25.9

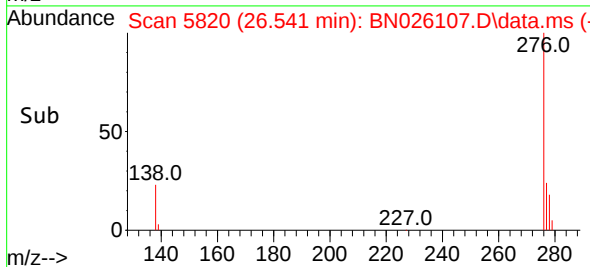
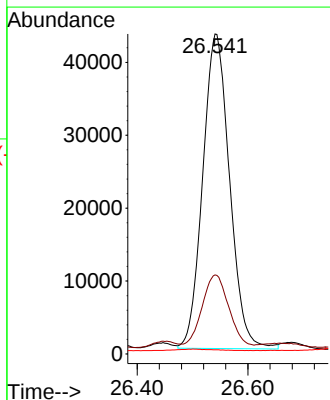
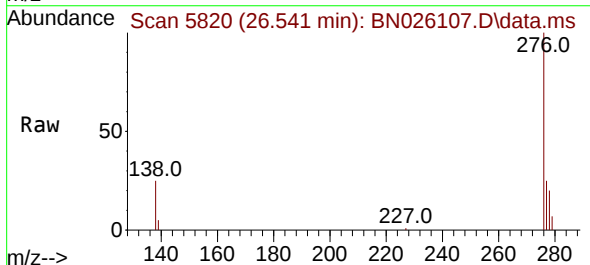
Manual Integrations
APPROVED

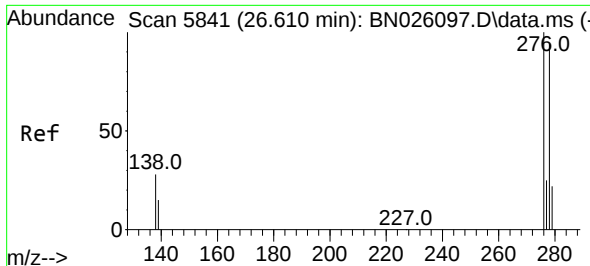
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.062 ng/ul
RT: 26.541 min Scan# 5820
Delta R.T. -0.054 min
Lab File: BN026107.D
Acq: 29 Jun 2023 22:47

Tgt Ion:276 Resp: 145359
Ion Ratio Lower Upper
276 100
138 24.9 24.5 36.7
227 0.0 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.629 ng/ul

RT: 26.551 min Scan# 5823

Delta R.T. -0.064 min

Lab File: BN026107.D

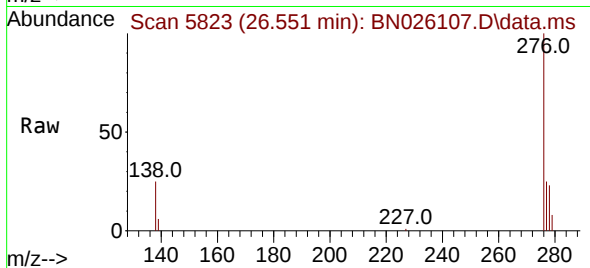
Acq: 29 Jun 2023 22:47

Instrument :

BNA_N

ClientSampleId :

DCFV7



Tgt Ion:278 Resp: 33570

Ion Ratio Lower Upper

278 100

139 25.5 19.0 28.4

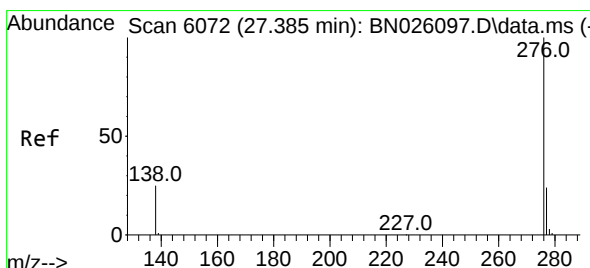
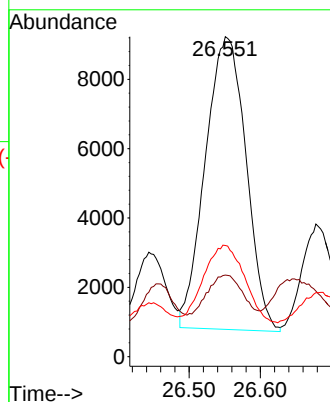
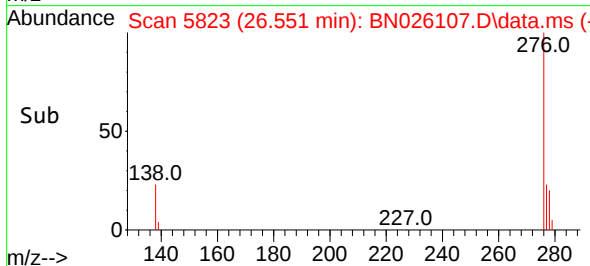
279 34.8 26.7 40.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#29

Benzo(g,h,i)perylene

Concen: 2.191 ng/ul

RT: 27.335 min Scan# 6057

Delta R.T. -0.050 min

Lab File: BN026107.D

Acq: 29 Jun 2023 22:47

Tgt Ion:276 Resp: 137404

Ion Ratio Lower Upper

276 100

138 25.1 23.4 35.0

277 24.5 20.0 30.0

