

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
 Data File : BN026061.D
 Acq On : 28 Jun 2023 16:49
 Operator : MA/JU
 Sample : 03142-20
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFT7

Manual Integrations
 APPROVED

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

Quant Time: Jun 28 23:15:22 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	8295	0.400	ng/ul	0.00
4) Naphthalene-d8	10.781	136	26507	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.607	164	16814	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.355	188	34530	0.400	ng/ul	0.00
17) Chrysene-d12	21.541	240	18648	0.400	ng/ul	0.00
23) Perylene-d12	24.008	264	18383	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.327	96	23996	2.569	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.371	152	7891	0.194	ng/ul	0.00
18) Fluoranthene-d10	19.382	212	19566	0.276	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.831	128	28076	0.370	ng/ul	99
7) 2-Methylnaphthalene	12.442	142	34480	0.713	ng/ul	100
8) 1-Methylnaphthalene	12.657	142	27516	0.549	ng/ul	99
10) Acenaphthylene	14.330	152	12229	0.155	ng/ul#	90
11) Acenaphthene	14.672	153	2542	0.039	ng/ul#	90
12) Fluorene	15.653	166	2326	0.032	ng/ul#	66
15) Phenanthrene	17.393	178	102023	0.894	ng/ul	100
16) Anthracene	17.486	178	9104	0.090	ng/ul#	91
19) Fluoranthene	19.410	202	139132	1.397	ng/ul#	94
20) Pyrene	19.772	202	122261m	1.180	ng/ul	
21) Benzo(a)anthracene	21.523	228	64492	0.838	ng/ul#	92
22) Chrysene	21.576	228	98101	1.226	ng/ul#	95
24) Benzo(b)fluoranthene	23.253	252	117752m	1.501	ng/ul	
25) Benzo(k)fluoranthene	23.294	252	38570m	0.490	ng/ul	
26) Benzo(a)pyrene	23.900	252	66361	0.974	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	26.584	276	52664	0.708	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.591	278	15319	0.272	ng/ul#	78
29) Benzo(g,h,i)perylene	27.393	276	52981	0.800	ng/ul	99

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

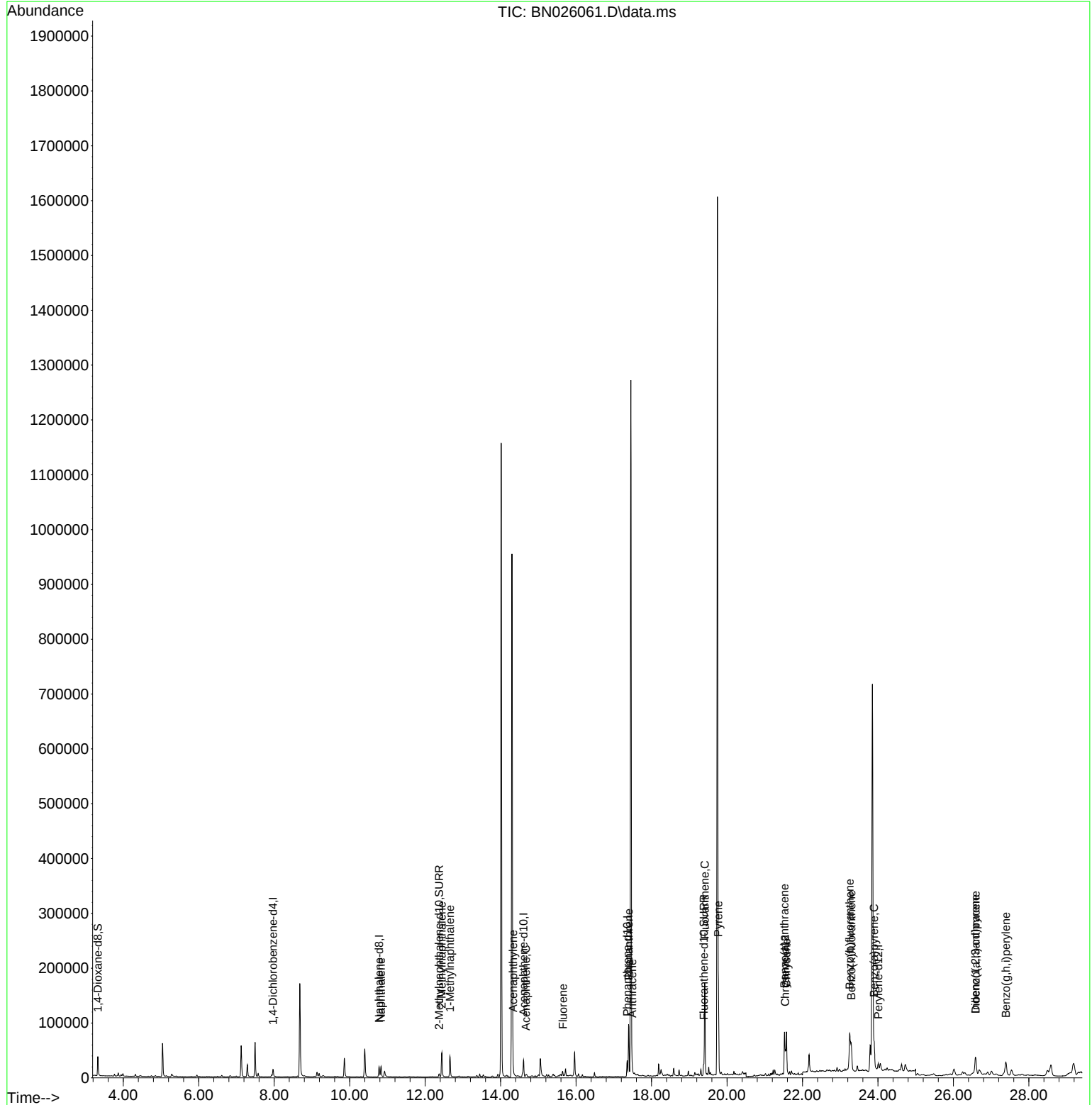
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
Data File : BN026061.D
Acq On : 28 Jun 2023 16:49
Operator : MA/JU
Sample : 03142-20
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ALS Vial : 9 Sample Multiplier: 1

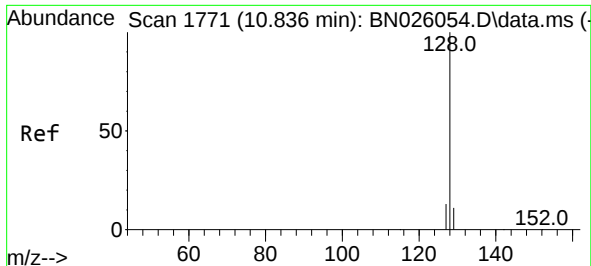
Instrument :
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DCFT7

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

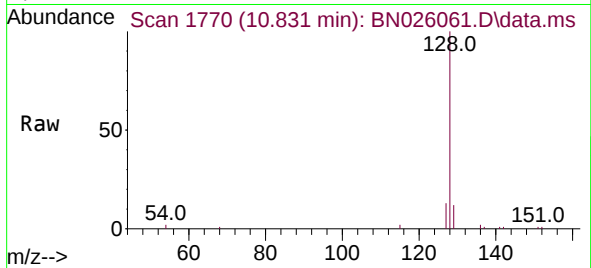
Quant Time: Jun 28 23:15:22 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 22:47:20 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.370 ng/ul
RT: 10.831 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN026061.D
Acq: 28 Jun 2023 16:49

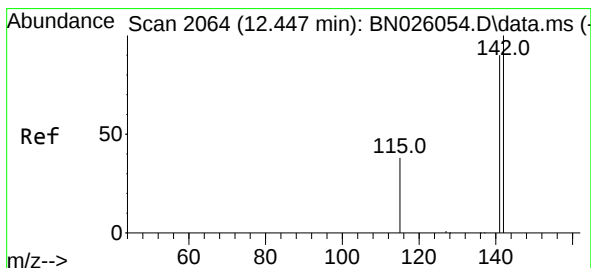
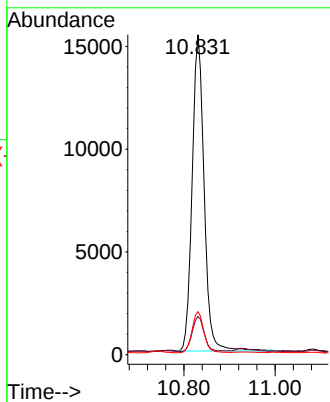
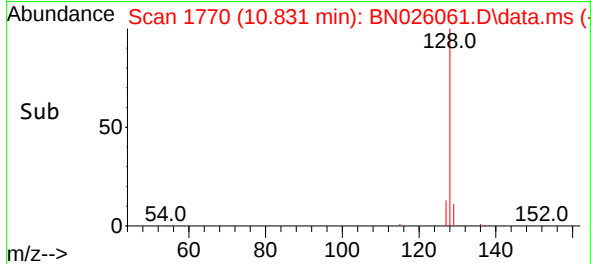
Instrument :
BNA_N
ClientSampleId :
DCFT7



Tgt Ion:128 Resp: 28070
Ion Ratio Lower Upper
128 100
129 12.0 9.1 13.7
127 13.5 10.7 16.1

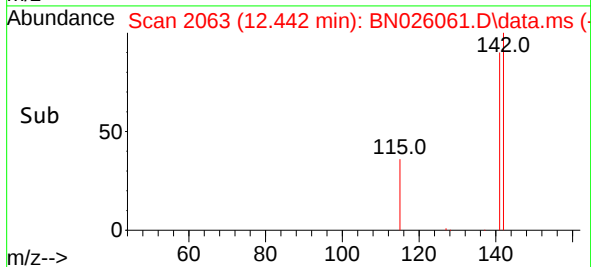
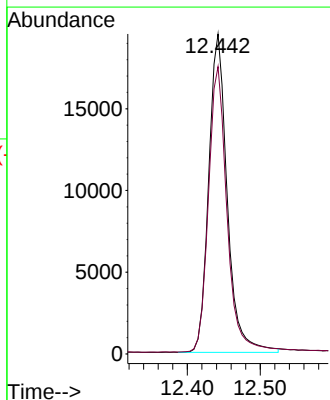
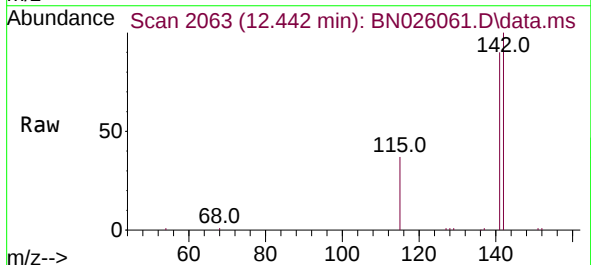
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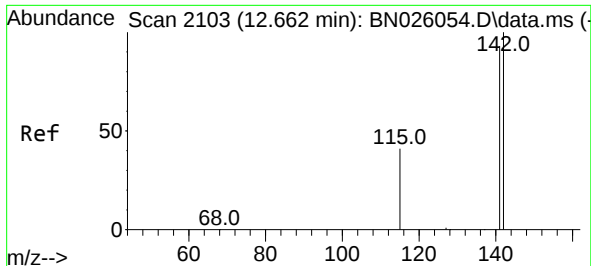
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#7
2-Methylnaphthalene
Concen: 0.713 ng/ul
RT: 12.442 min Scan# 2063
Delta R.T. -0.005 min
Lab File: BN026061.D
Acq: 28 Jun 2023 16:49

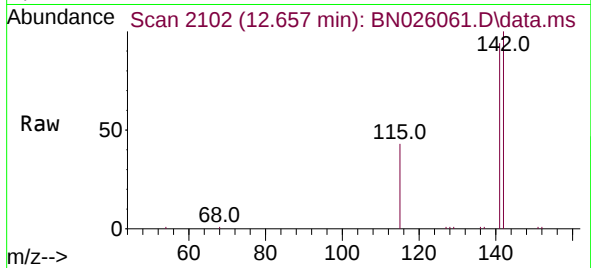
Tgt Ion:142 Resp: 34480
Ion Ratio Lower Upper
142 100
141 89.5 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.549 ng/ul
RT: 12.657 min Scan# 2103
Delta R.T. -0.005 min
Lab File: BN026061.D
Acq: 28 Jun 2023 16:49

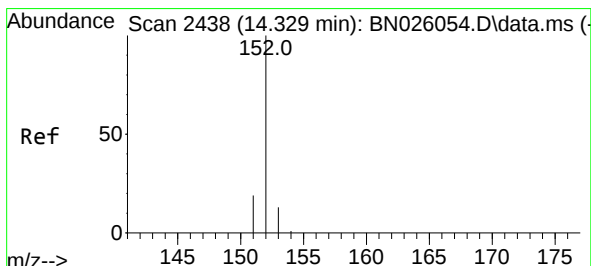
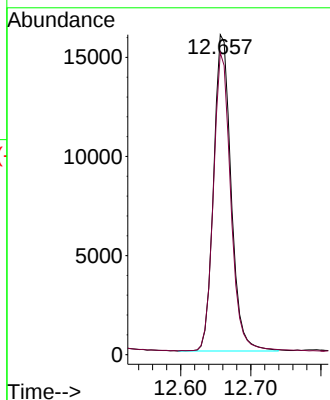
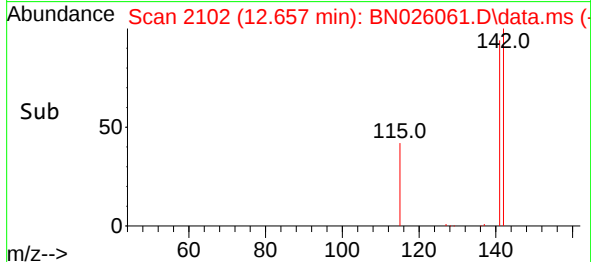
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 27510
Ion Ratio Lower Upper
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141 93.3 74.2 111.4

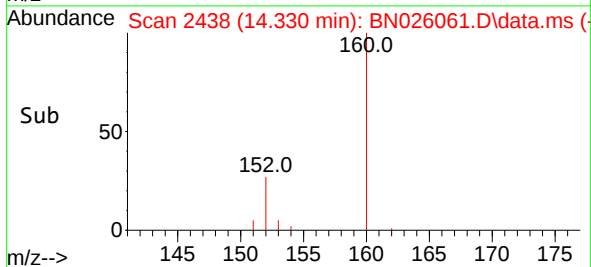
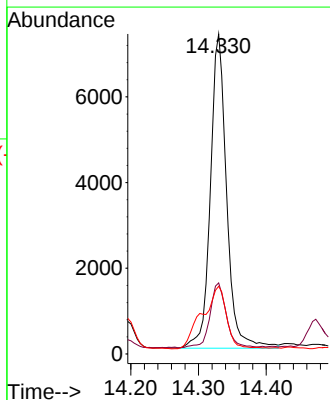
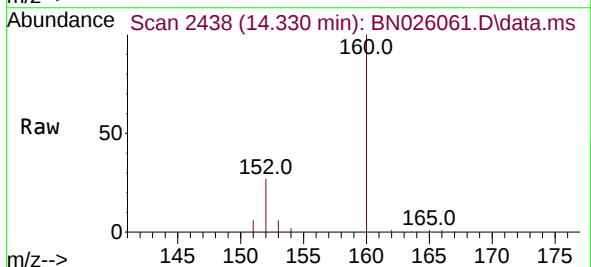
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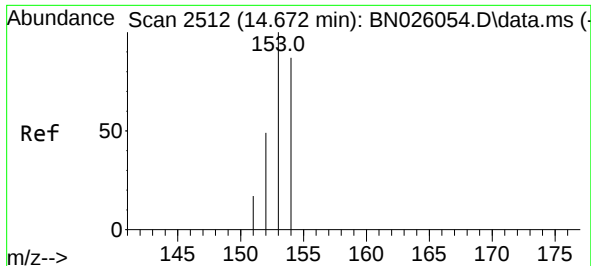
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#10
Acenaphthylene
Concen: 0.155 ng/ul
RT: 14.330 min Scan# 2438
Delta R.T. 0.000 min
Lab File: BN026061.D
Acq: 28 Jun 2023 16:49

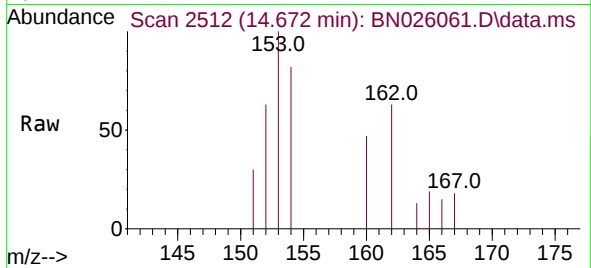
Tgt Ion:152 Resp: 12229
Ion Ratio Lower Upper
152 100
151 22.2 16.2 24.4
153 21.2 10.9 16.3#





#11
Acenaphthene
Concen: 0.039 ng/u1
RT: 14.672 min Scan# 2512
Delta R.T. 0.000 min
Lab File: BN026061.D
Acq: 28 Jun 2023 16:49

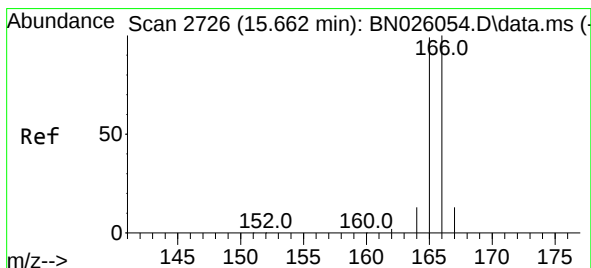
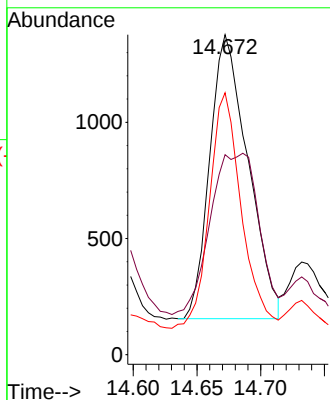
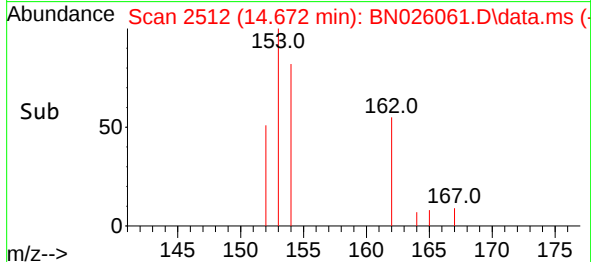
Instrument :
BNA_N
ClientSampleId :
DCFT7



Tgt Ion:153 Resp: 2542
Ion Ratio Lower Upper
153 100
152 62.5 39.4 59.0#
154 81.8 68.9 103.3#

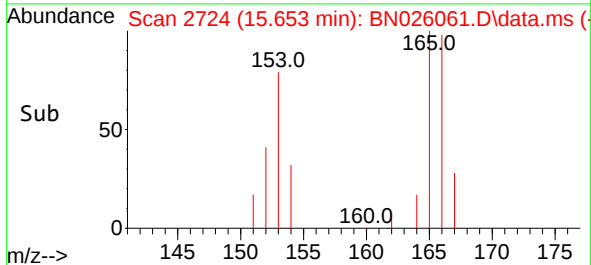
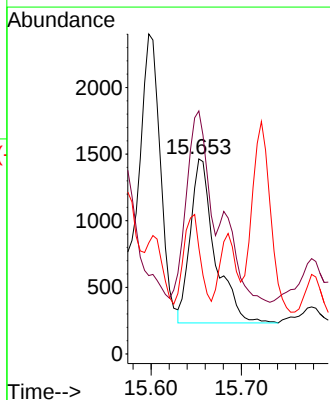
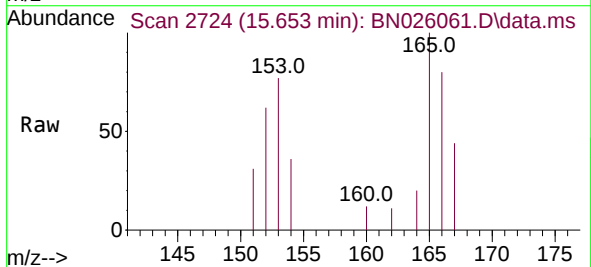
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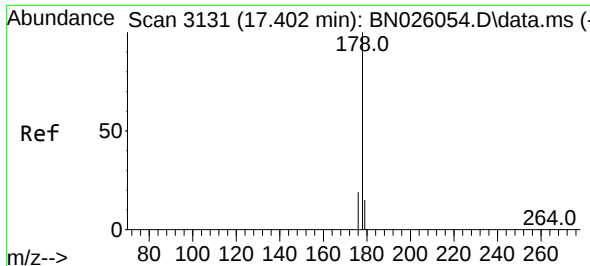
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#12
Fluorene
Concen: 0.032 ng/u1
RT: 15.653 min Scan# 2724
Delta R.T. -0.009 min
Lab File: BN026061.D
Acq: 28 Jun 2023 16:49

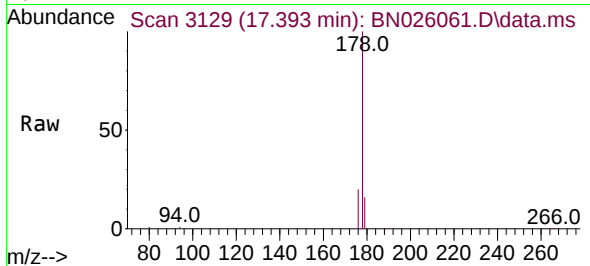
Tgt Ion:166 Resp: 2326
Ion Ratio Lower Upper
166 100
165 124.6 79.9 119.9#
167 54.5 10.8 16.2#





#15
Phenanthrene
Concen: 0.894 ng/ul
RT: 17.393 min Scan# 3129
Delta R.T. -0.008 min
Lab File: BN026061.D
Acq: 28 Jun 2023 16:49

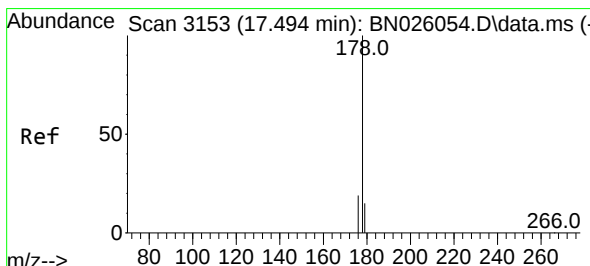
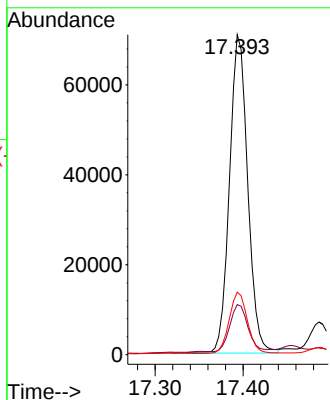
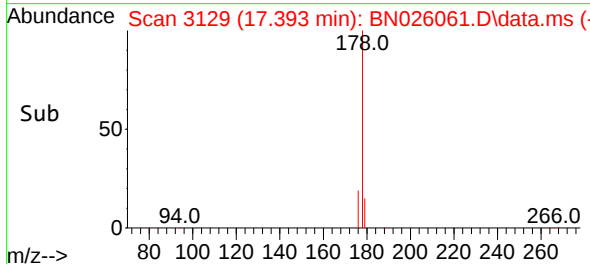
Instrument :
BNA_N
ClientSampleId :
DCFT7



Tgt Ion:178 Resp: 10202
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 19.5 15.8 23.6

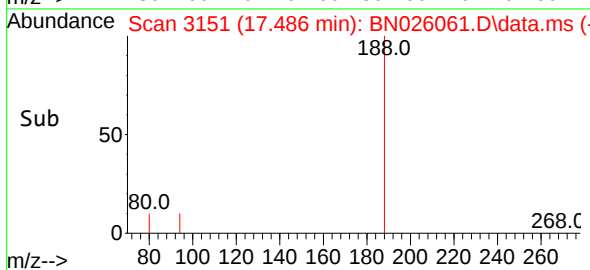
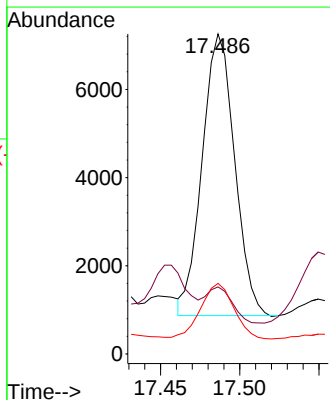
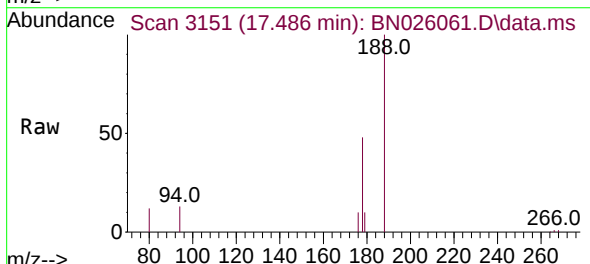
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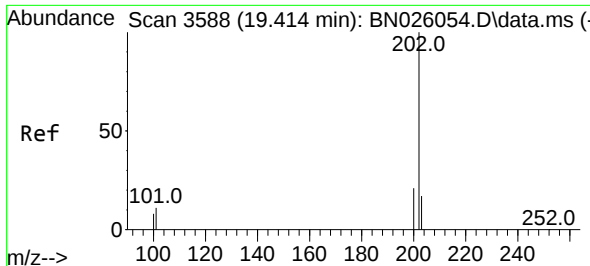
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#16
Anthracene
Concen: 0.090 ng/ul
RT: 17.486 min Scan# 3151
Delta R.T. -0.008 min
Lab File: BN026061.D
Acq: 28 Jun 2023 16:49

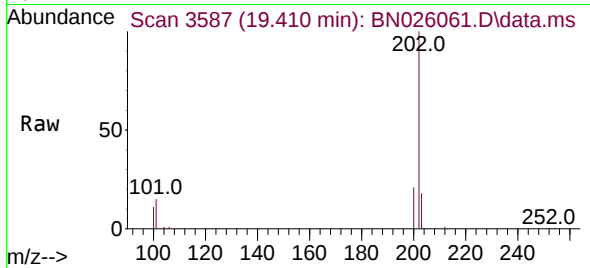
Tgt Ion:178 Resp: 9104
Ion Ratio Lower Upper
178 100
179 20.9 12.6 18.8#
176 22.1 15.1 22.7





#19
Fluoranthene
Concen: 1.397 ng/ul
RT: 19.410 min Scan# 3587
Delta R.T. -0.004 min
Lab File: BN026061.D
Acq: 28 Jun 2023 16:49

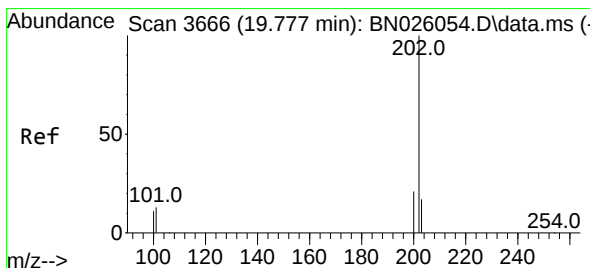
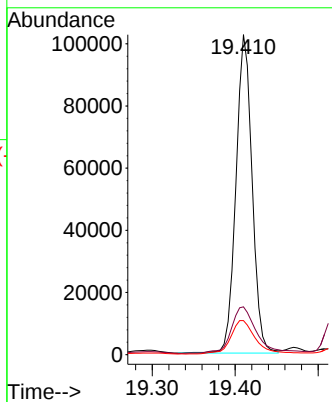
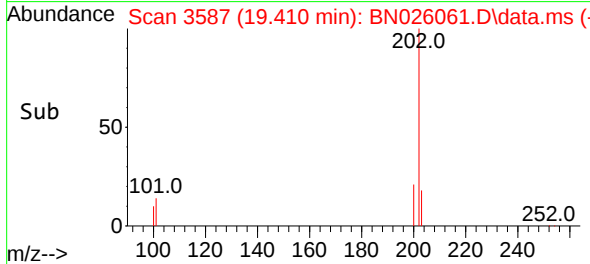
Instrument :
BNA_N
ClientSampleId :
DCFT7



Tgt Ion:202 Resp: 139132
Ion Ratio Lower Upper
202 100
101 15.0 9.5 14.3
100 10.7 7.3 10.9

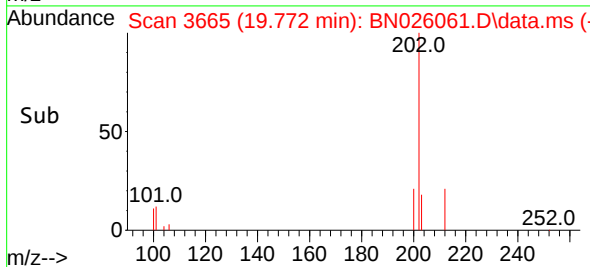
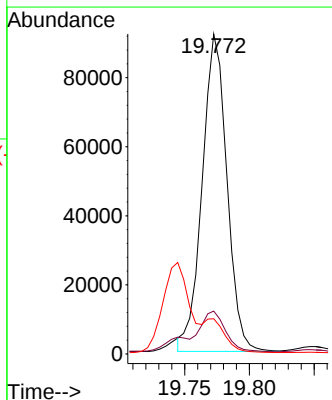
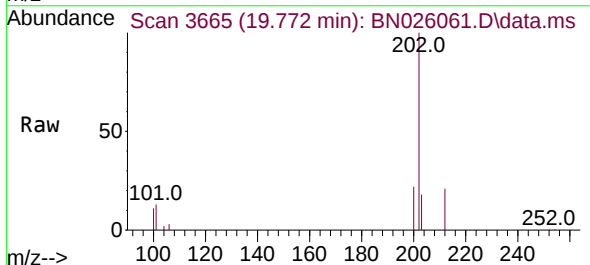
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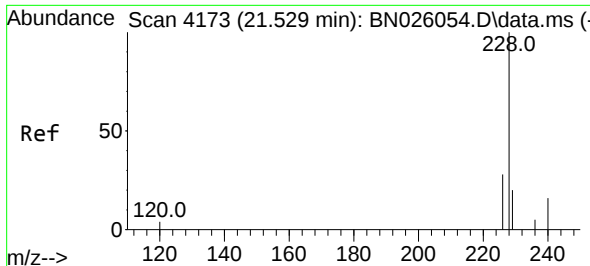
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#20
Pyrene
Concen: 1.180 ng/ul m
RT: 19.772 min Scan# 3665
Delta R.T. -0.004 min
Lab File: BN026061.D
Acq: 28 Jun 2023 16:49

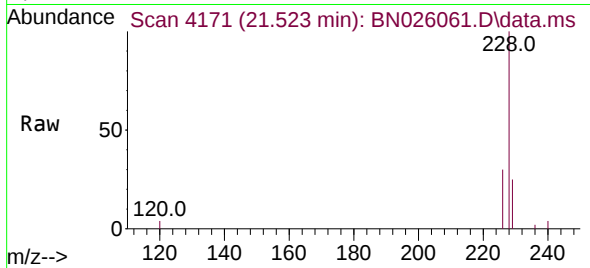
Tgt Ion:202 Resp: 122261
Ion Ratio Lower Upper
202 100
101 13.4 11.4 17.0
100 11.0 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.838 ng/ul
RT: 21.523 min Scan# 4173
Delta R.T. -0.006 min
Lab File: BN026061.D
Acq: 28 Jun 2023 16:49

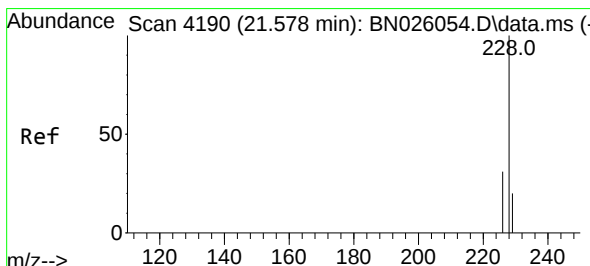
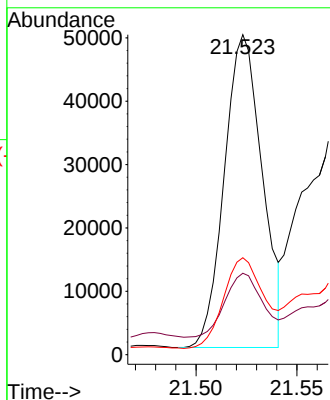
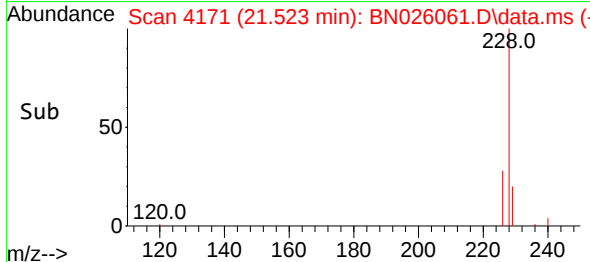
Instrument :
BNA_N
ClientSampleId :
DCFT7



Tgt Ion:228 Resp: 64492
Ion Ratio Lower Upper
228 100
229 25.4 15.8 23.6
226 30.3 22.5 33.7

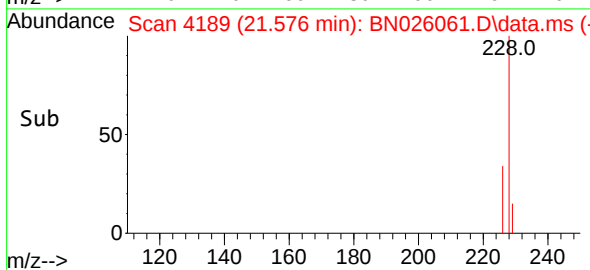
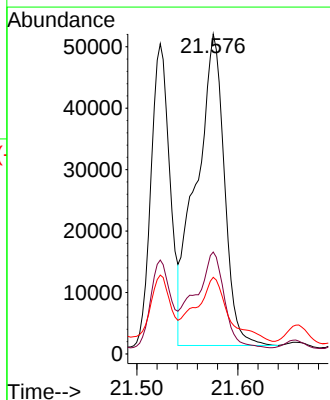
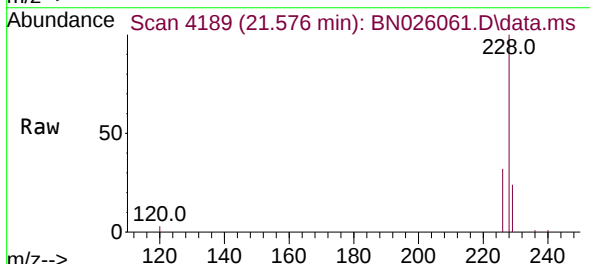
Manual Integrations
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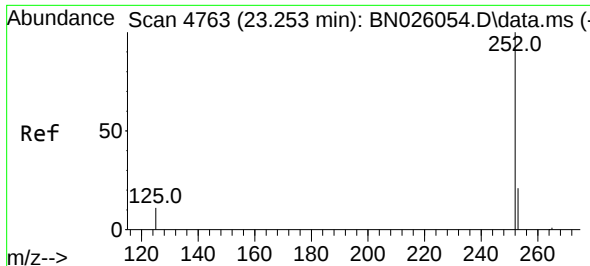
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#22
Chrysene
Concen: 1.226 ng/ul
RT: 21.576 min Scan# 4189
Delta R.T. -0.003 min
Lab File: BN026061.D
Acq: 28 Jun 2023 16:49

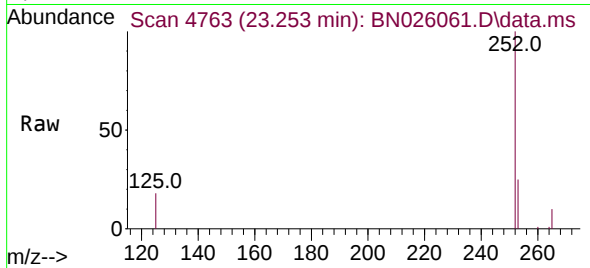
Tgt Ion:228 Resp: 98101
Ion Ratio Lower Upper
228 100
226 31.9 24.8 37.2
229 23.9 15.7 23.5#





#24
Benzo(b)fluoranthene
Concen: 1.501 ng/ul m
RT: 23.253 min Scan# 4763
Delta R.T. 0.000 min
Lab File: BN026061.D
Acq: 28 Jun 2023 16:49

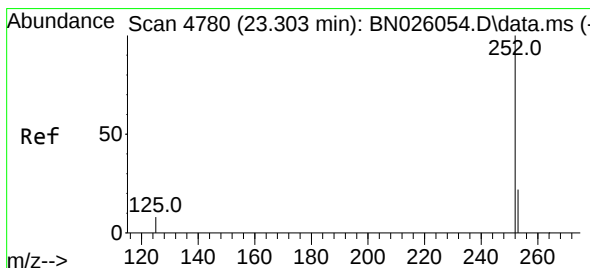
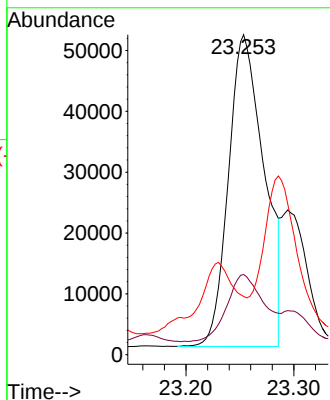
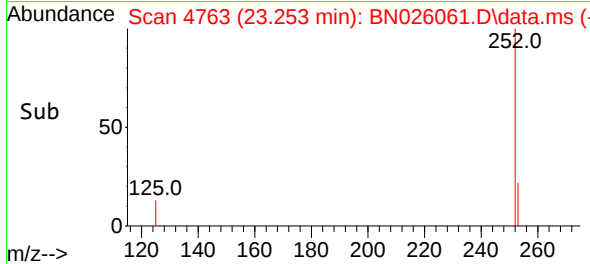
Instrument :
BNA_N
ClientSampleId :
DCFT7



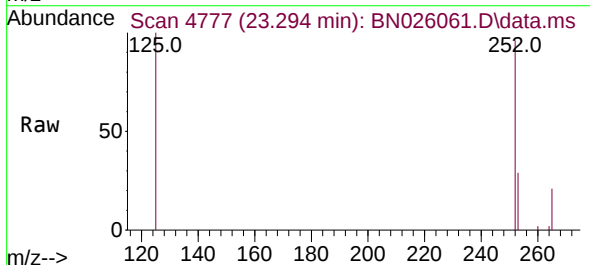
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Ion Ratio Lower Upper
252 100
253 25.1 0.0 55.6
125 18.2 0.0 35.8

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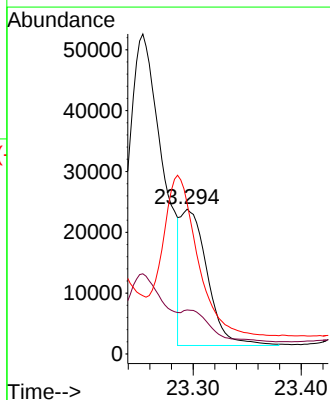
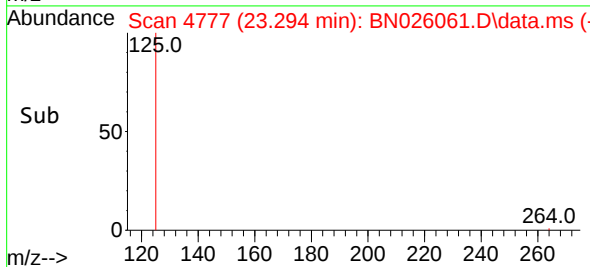
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023

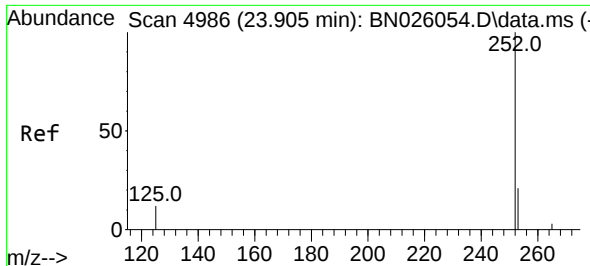


#25
Benzo(k)fluoranthene
Concen: 0.490 ng/ul m
RT: 23.294 min Scan# 4777
Delta R.T. -0.009 min
Lab File: BN026061.D
Acq: 28 Jun 2023 16:49



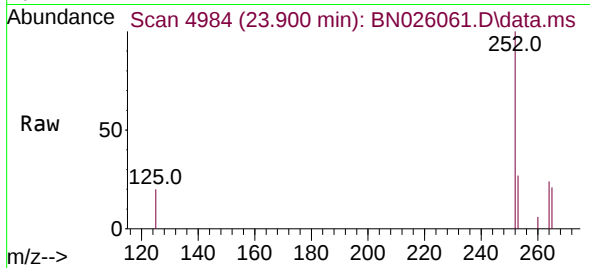
Tgt Ion:252 Resp: 38570
Ion Ratio Lower Upper
252 100
253 30.4 23.2 34.8
125 103.8 15.0 22.4#





#26
Benzo(a)pyrene
Concen: 0.974 ng/ul
RT: 23.900 min Scan# 4986
Delta R.T. -0.006 min
Lab File: BN026061.D
Acq: 28 Jun 2023 16:49

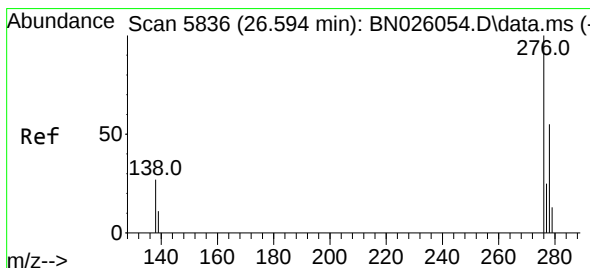
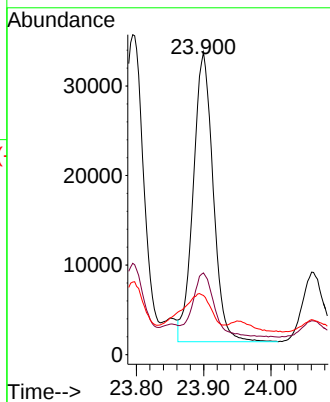
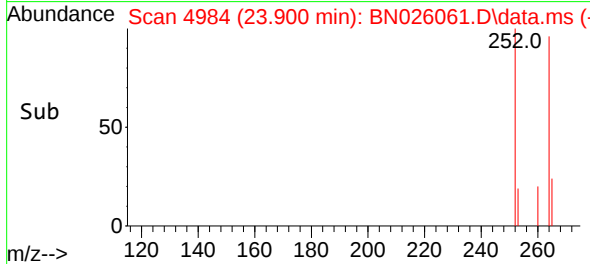
Instrument :
BNA_N
ClientSampleId :
DCFT7



Tgt Ion:252 Resp: 6636
Ion Ratio Lower Upper
252 100
253 27.0 26.0 39.0
125 19.6 17.3 25.9

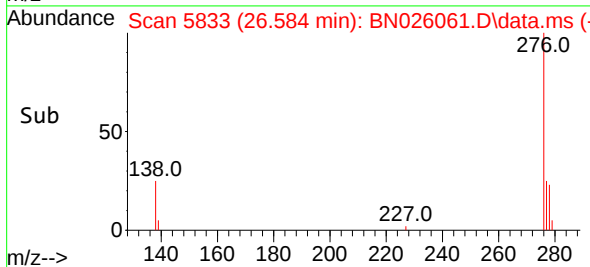
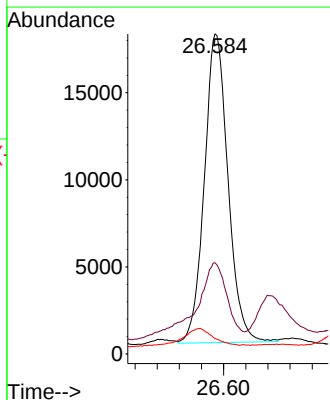
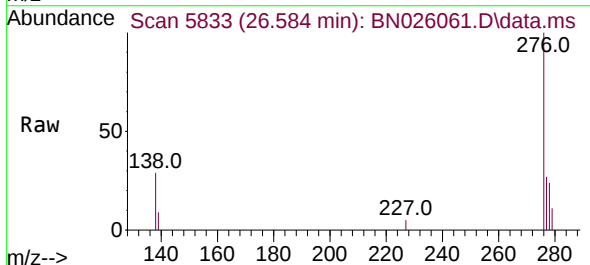
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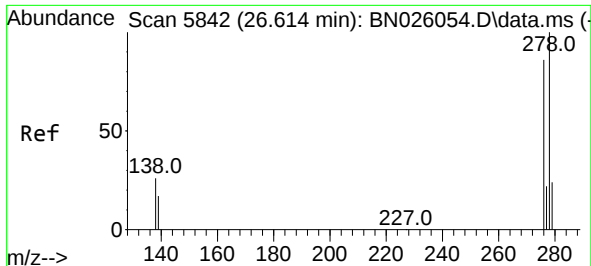
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.708 ng/ul
RT: 26.584 min Scan# 5833
Delta R.T. -0.010 min
Lab File: BN026061.D
Acq: 28 Jun 2023 16:49

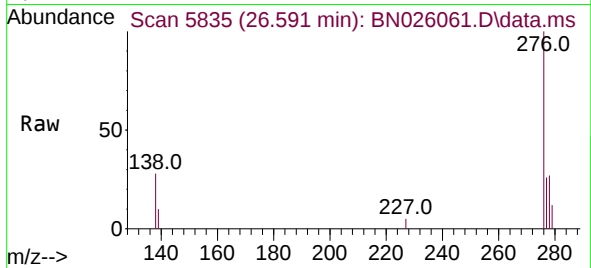
Tgt Ion:276 Resp: 52664
Ion Ratio Lower Upper
276 100
138 34.1 24.5 36.7
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.272 ng/ul
RT: 26.591 min Scan# 5835
Delta R.T. -0.023 min
Lab File: BN026061.D
Acq: 28 Jun 2023 16:49

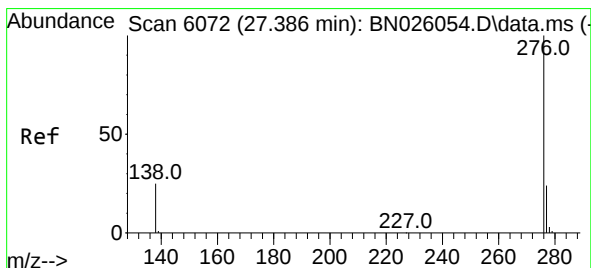
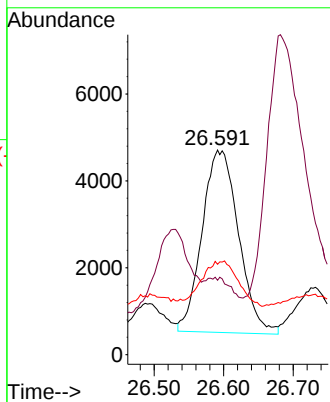
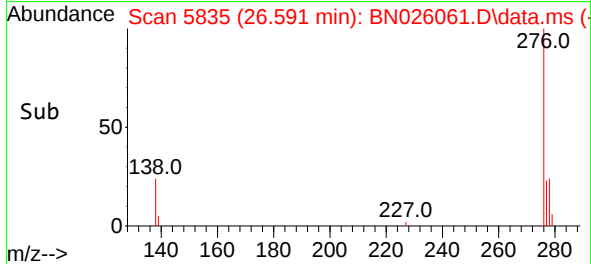
Instrument :
BNA_N
ClientSampleId :
DCFT7



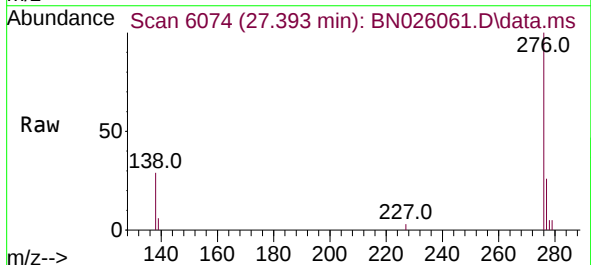
Tgt Ion:278 Resp: 15319
Ion Ratio Lower Upper
278 100
139 36.4 19.0 28.4
279 44.2 26.7 40.1

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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: 0.800 ng/ul
RT: 27.393 min Scan# 6074
Delta R.T. 0.007 min
Lab File: BN026061.D
Acq: 28 Jun 2023 16:49



Tgt Ion:276 Resp: 52981
Ion Ratio Lower Upper
276 100
138 29.0 23.4 35.0
277 25.5 20.0 30.0

