

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
 Data File : BN026066.D
 Acq On : 28 Jun 2023 19:53
 Operator : MA/JU
 Sample : 03142-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFS8

Manual Integrations
 APPROVED

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

Quant Time: Jun 28 23:16:08 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	7110	0.400	ng/ul	0.00
4) Naphthalene-d8	10.781	136	23283	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.607	164	14234	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.355	188	30127	0.400	ng/ul	0.00
17) Chrysene-d12	21.541	240	17326	0.400	ng/ul	0.00
23) Perylene-d12	23.993	264	16756	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.327	96	20171	2.519	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.371	152	6382	0.178	ng/ul	0.00
18) Fluoranthene-d10	19.387	212	15041	0.228	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.831	128	2523	0.038	ng/ul#	86
7) 2-Methylnaphthalene	12.442	142	1694	0.040	ng/ul	99
8) 1-Methylnaphthalene	12.662	142	1331	0.030	ng/ul	100
10) Acenaphthylene	14.330	152	2332	0.035	ng/ul#	82
11) Acenaphthene	14.672	153	1465	0.027	ng/ul	98
15) Phenanthrene	17.393	178	38878	0.391	ng/ul	100
16) Anthracene	17.486	178	6338	0.072	ng/ul#	82
19) Fluoranthene	19.415	202	127252	1.375	ng/ul#	95
20) Pyrene	19.777	202	102004m	1.060	ng/ul	
21) Benzo(a)anthracene	21.523	228	44132	0.617	ng/ul	96
22) Chrysene	21.579	228	61605	0.828	ng/ul	97
24) Benzo(b)fluoranthene	23.245	252	84137m	1.176	ng/ul	
25) Benzo(k)fluoranthene	23.289	252	28816m	0.401	ng/ul	
26) Benzo(a)pyrene	23.882	252	46921	0.755	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.554	276	43087	0.635	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.564	278	9505	0.185	ng/ul#	77
29) Benzo(g,h,i)perylene	27.346	276	39539	0.655	ng/ul	98

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

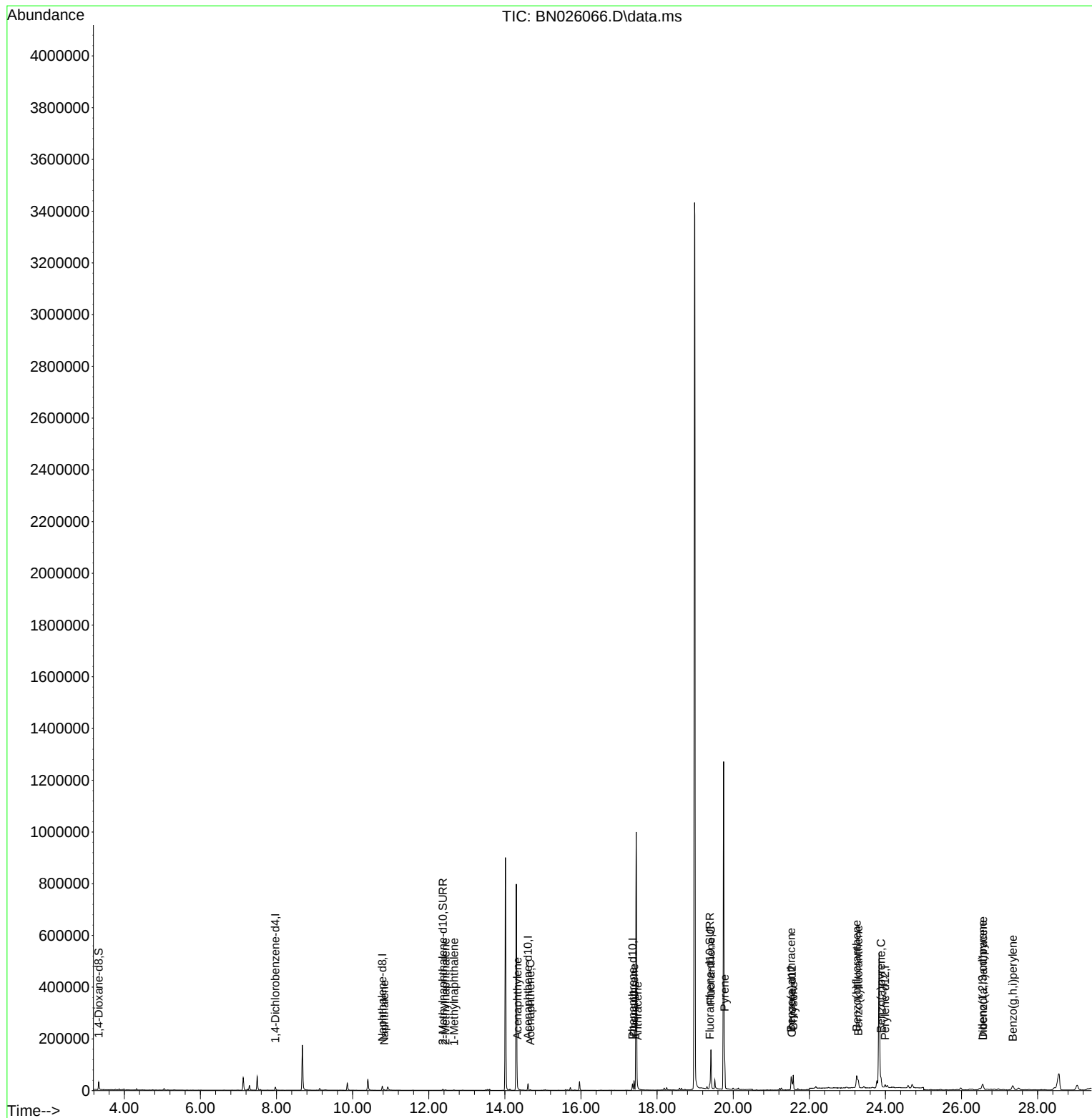
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
Data File : BN026066.D
Acq On : 28 Jun 2023 19:53
Operator : MA/JU
Sample : 03142-09
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ALS Vial : 14 Sample Multiplier: 1

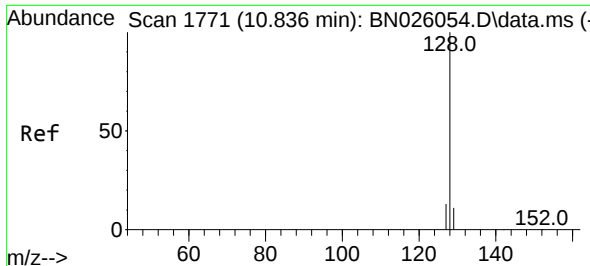
Instrument :
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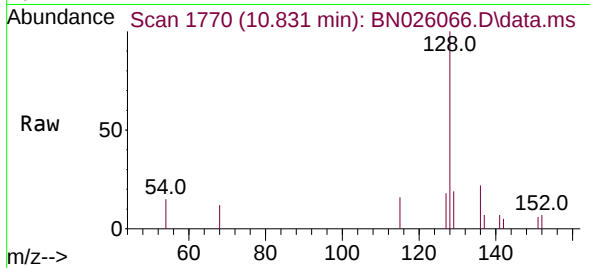
Quant Time: Jun 28 23:16:08 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 22:47:20 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.038 ng/ul
RT: 10.831 min Scan# 1770
Delta R.T. -0.005 min
Lab File: BN026066.D
Acq: 28 Jun 2023 19:53

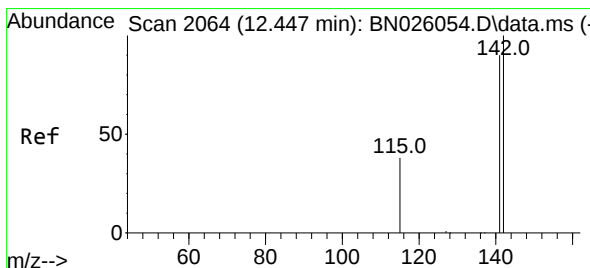
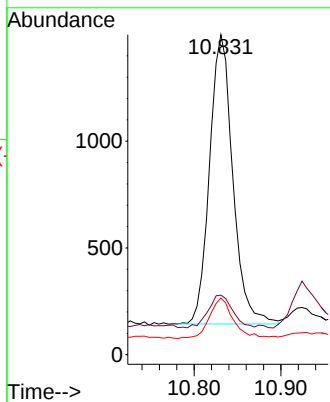
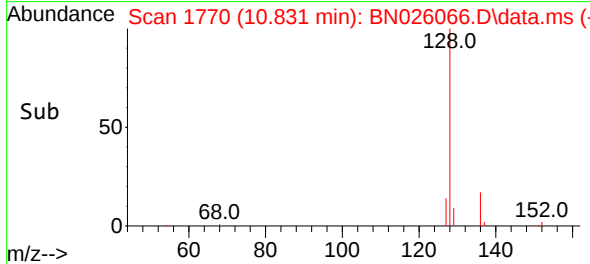
Instrument :
BNA_N
ClientSampleId :
DCFS8



Tgt Ion:128 Resp: 2520
Ion Ratio Lower Upper
128 100
129 18.6 9.1 13.7
127 17.7 10.7 16.1

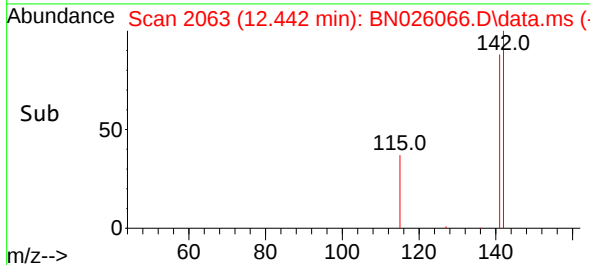
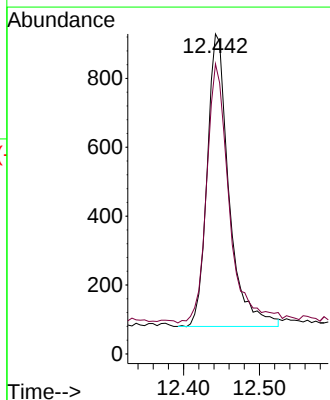
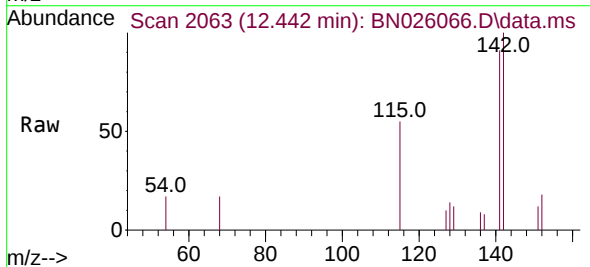
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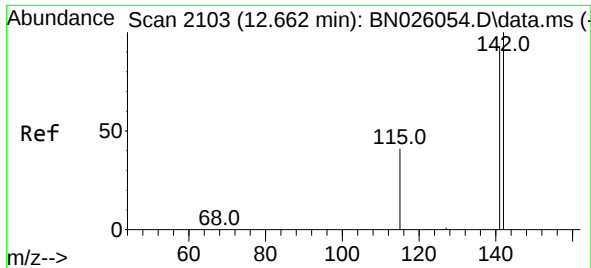
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#7
2-Methylnaphthalene
Concen: 0.040 ng/ul
RT: 12.442 min Scan# 2063
Delta R.T. -0.005 min
Lab File: BN026066.D
Acq: 28 Jun 2023 19:53

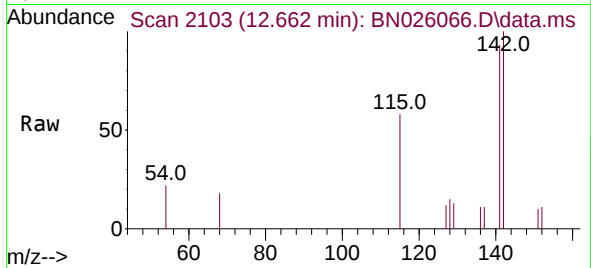
Tgt Ion:142 Resp: 1694
Ion Ratio Lower Upper
142 100
141 91.0 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.030 ng/ul
RT: 12.662 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BN026066.D
Acq: 28 Jun 2023 19:53

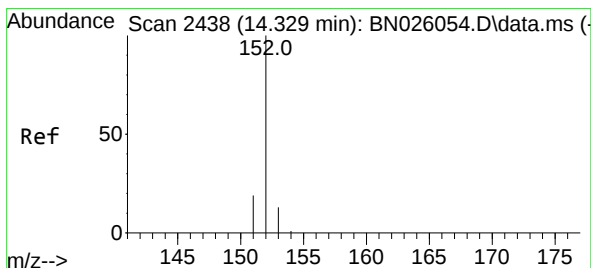
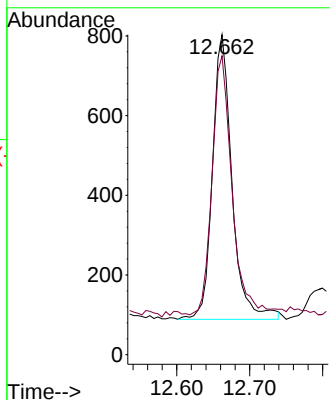
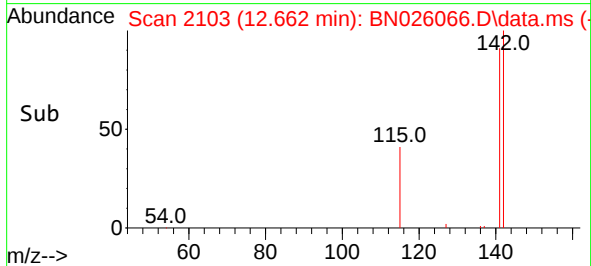
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 133
Ion Ratio Lower Upper
142 100
141 93.0 74.2 111.4

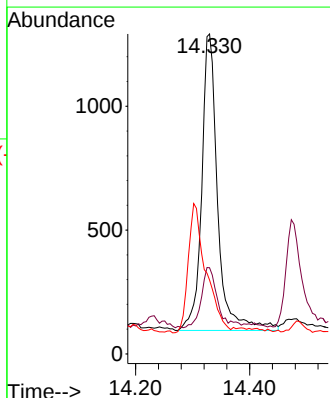
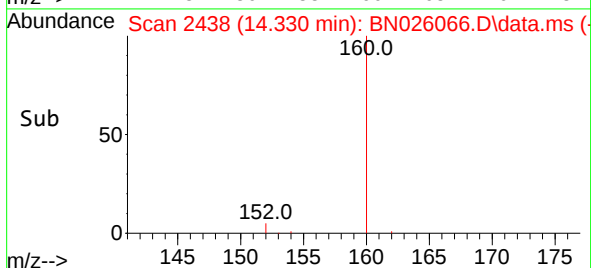
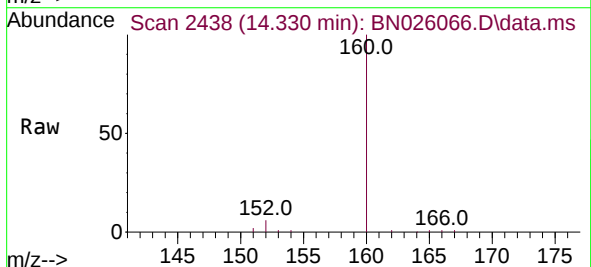
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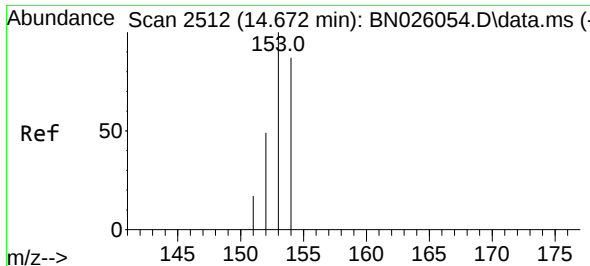
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#10
Acenaphthylene
Concen: 0.035 ng/ul
RT: 14.330 min Scan# 2438
Delta R.T. 0.000 min
Lab File: BN026066.D
Acq: 28 Jun 2023 19:53

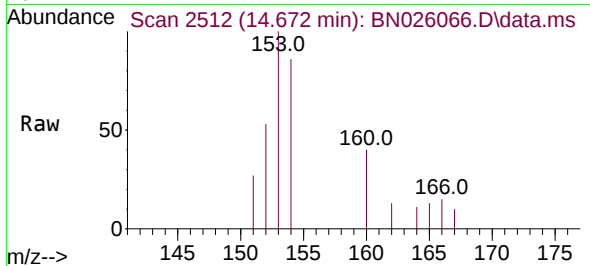
Tgt Ion:152 Resp: 2332
Ion Ratio Lower Upper
152 100
151 26.9 16.2 24.4#
153 23.1 10.9 16.3#





#11
Acenaphthene
Concen: 0.027 ng/u1
RT: 14.672 min Scan# 2512
Delta R.T. 0.000 min
Lab File: BN026066.D
Acq: 28 Jun 2023 19:53

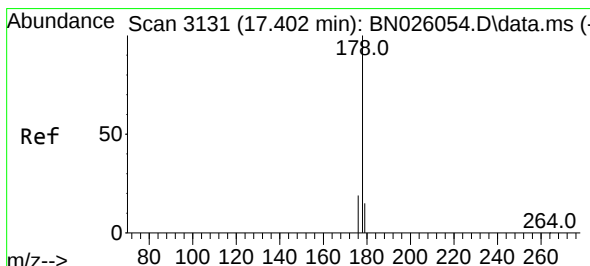
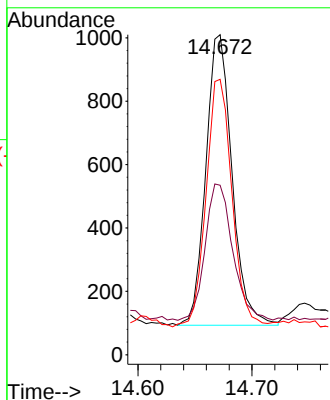
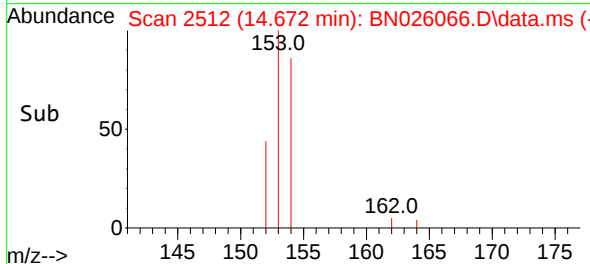
Instrument :
BNA_N
ClientSampleId :
DCFS8



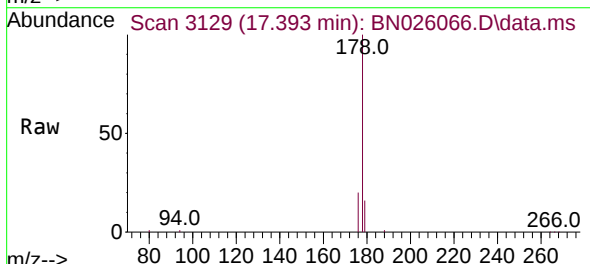
Tgt Ion:153 Resp: 1468
Ion Ratio Lower Upper
153 100
152 53.0 39.4 59.0
154 86.0 68.9 103.3

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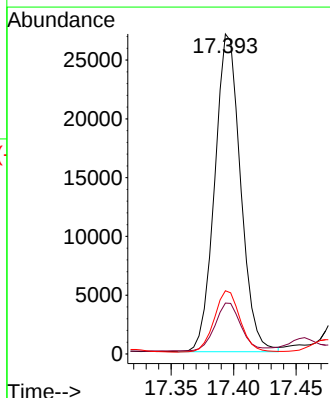
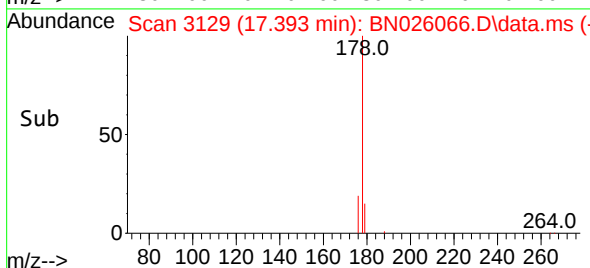
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023

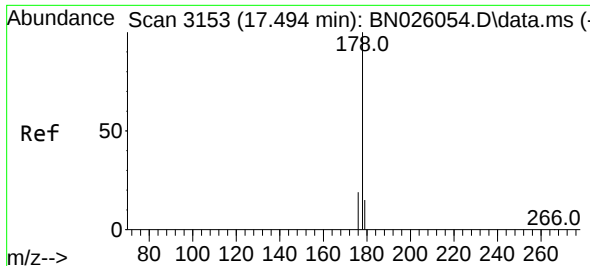


#15
Phenanthrene
Concen: 0.391 ng/u1
RT: 17.393 min Scan# 3129
Delta R.T. -0.008 min
Lab File: BN026066.D
Acq: 28 Jun 2023 19:53



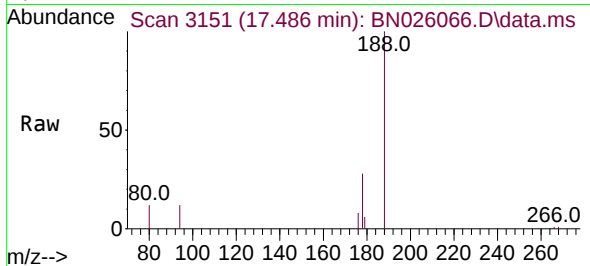
Tgt Ion:178 Resp: 38878
Ion Ratio Lower Upper
178 100
179 15.9 12.6 19.0
176 19.8 15.8 23.6





#16
 Anthracene
 Concen: 0.072 ng/u1
 RT: 17.486 min Scan# 3151
 Delta R.T. -0.008 min
 Lab File: BN026066.D
 Acq: 28 Jun 2023 19:53

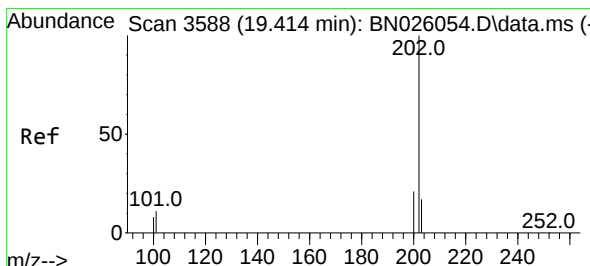
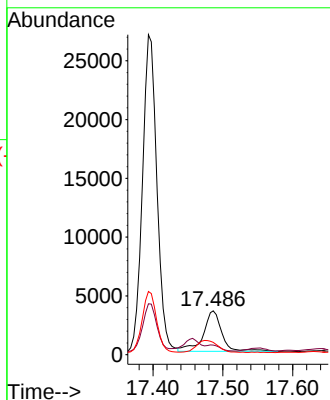
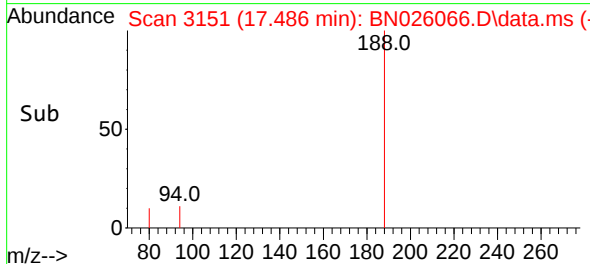
Instrument :
 BNA_N
 ClientSampleId :
 DCFS8



Tgt Ion:178 Resp: 6338
 Ion Ratio Lower Upper
 178 100
 179 21.9 12.6 18.8
 176 28.0 15.1 22.7

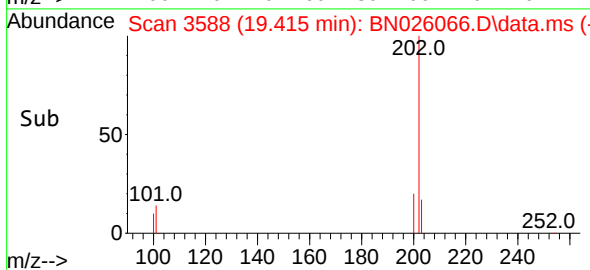
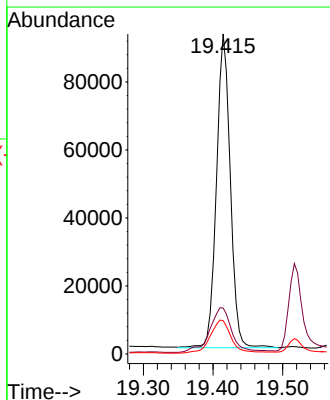
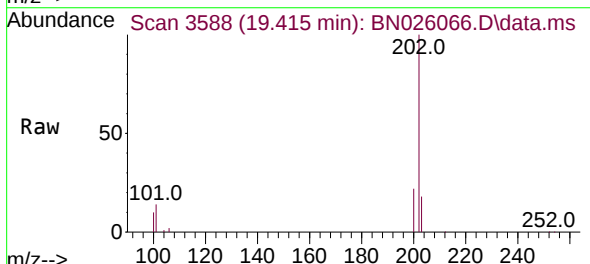
Manual Integrations
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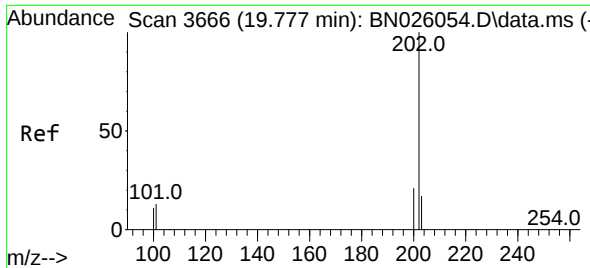
Reviewed By :Yogesh Patel 06/29/2023
 Supervised By :mohammad ahmed 06/30/2023



#19
 Fluoranthene
 Concen: 1.375 ng/u1
 RT: 19.415 min Scan# 3588
 Delta R.T. 0.000 min
 Lab File: BN026066.D
 Acq: 28 Jun 2023 19:53

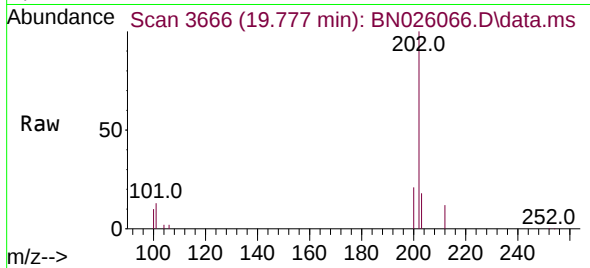
Tgt Ion:202 Resp: 127252
 Ion Ratio Lower Upper
 202 100
 101 14.4 9.5 14.3
 100 10.4 7.3 10.9





#20
Pyrene
Concen: 1.060 ng/ul m
RT: 19.777 min Scan# 3666
Delta R.T. 0.000 min
Lab File: BN026066.D
Acq: 28 Jun 2023 19:53

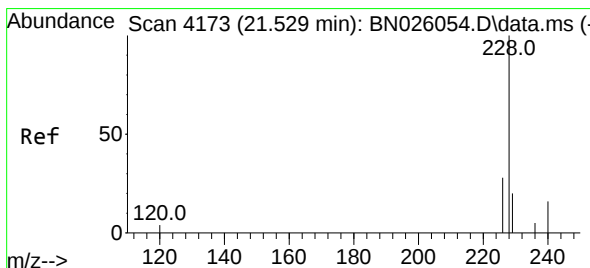
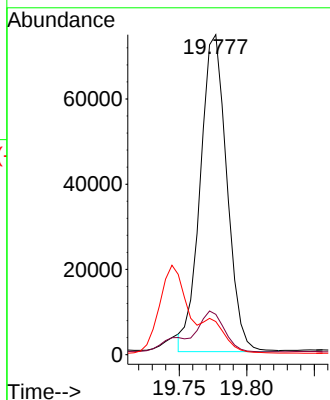
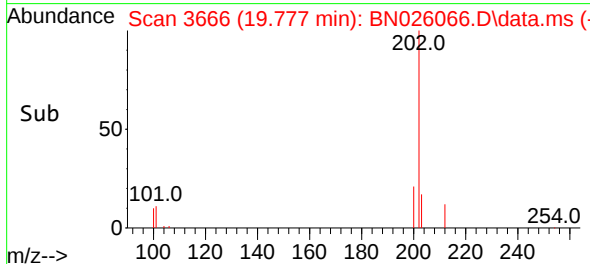
Instrument :
BNA_N
ClientSampleId :
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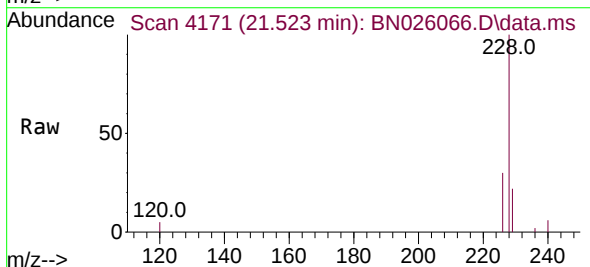
Tgt Ion:202 Resp: 102004
Ion Ratio Lower Upper
202 100
101 12.6 11.4 17.0
100 10.4 9.1 13.7

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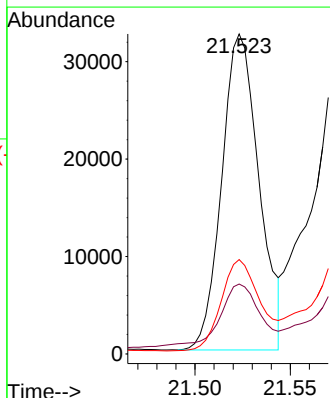
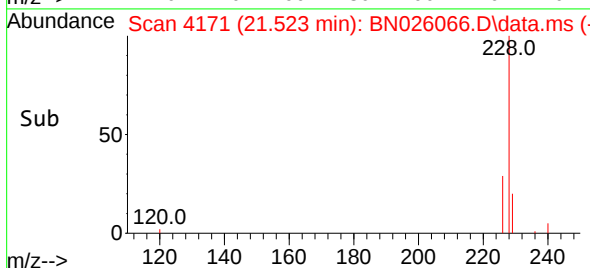
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023

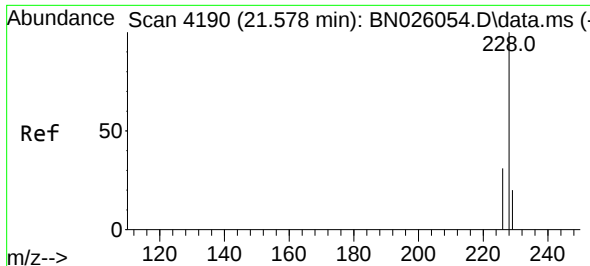


#21
Benzo(a)anthracene
Concen: 0.617 ng/ul
RT: 21.523 min Scan# 4171
Delta R.T. -0.006 min
Lab File: BN026066.D
Acq: 28 Jun 2023 19:53



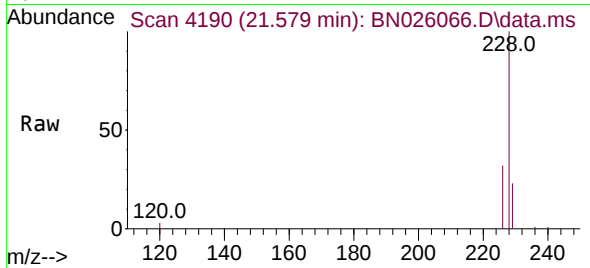
Tgt Ion:228 Resp: 44132
Ion Ratio Lower Upper
228 100
229 21.9 15.8 23.6
226 29.5 22.5 33.7





#22
Chrysene
Concen: 0.828 ng/ul
RT: 21.579 min Scan# 4190
Delta R.T. 0.000 min
Lab File: BN026066.D
Acq: 28 Jun 2023 19:53

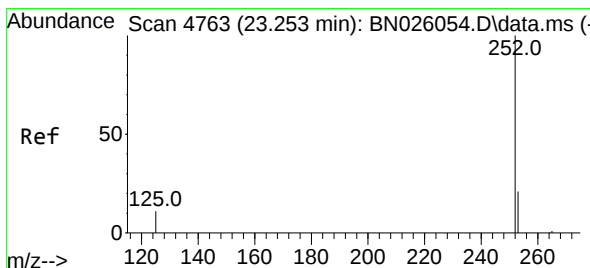
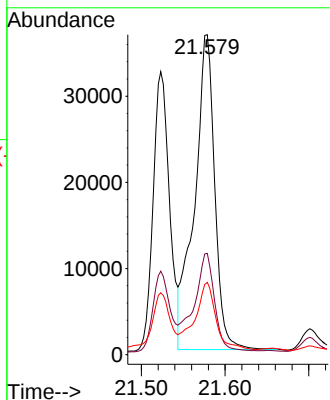
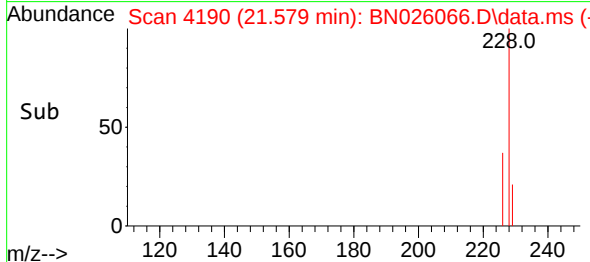
Instrument :
BNA_N
ClientSampleId :
DCFS8



Tgt Ion:228 Resp: 61609
Ion Ratio Lower Upper
228 100
226 31.6 24.8 37.2
229 22.6 15.7 23.5

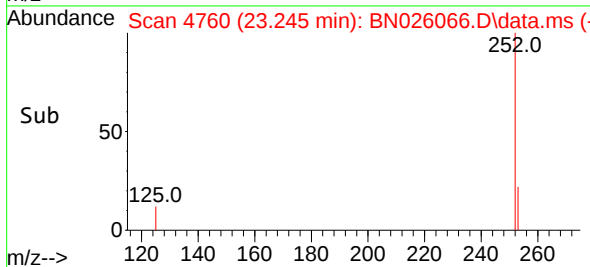
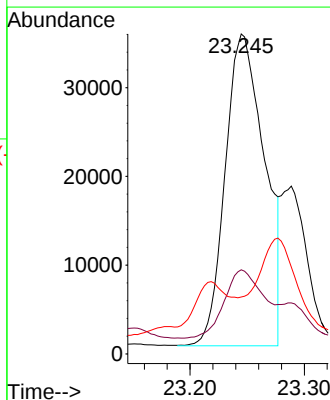
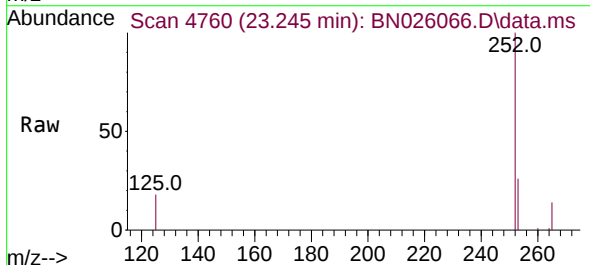
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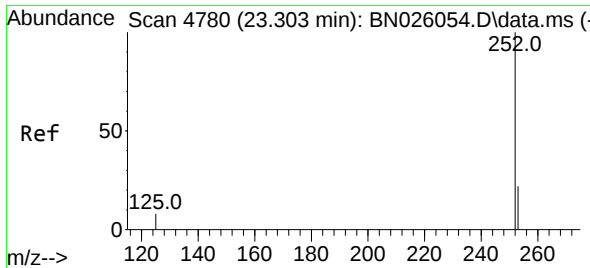
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#24
Benzo(b)fluoranthene
Concen: 1.176 ng/ul m
RT: 23.245 min Scan# 4760
Delta R.T. -0.009 min
Lab File: BN026066.D
Acq: 28 Jun 2023 19:53

Tgt Ion:252 Resp: 84137
Ion Ratio Lower Upper
252 100
253 26.3 0.0 55.6
125 17.8 0.0 35.8





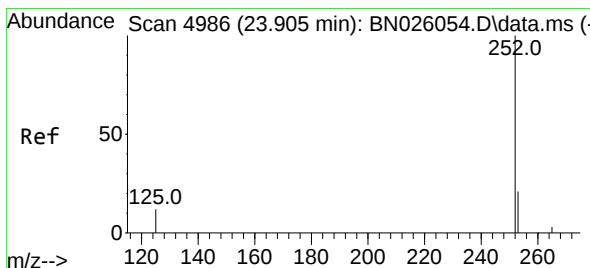
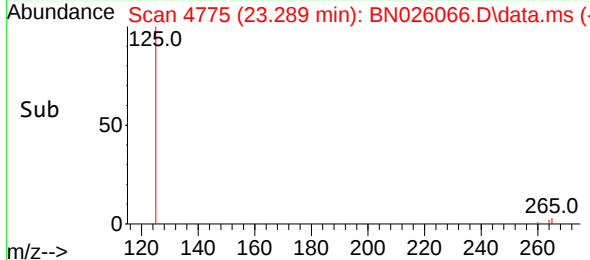
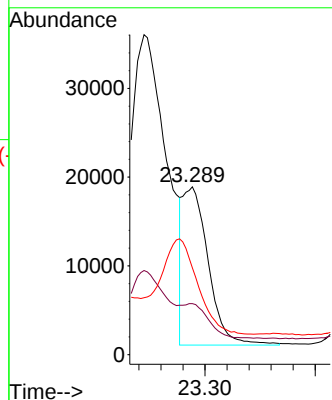
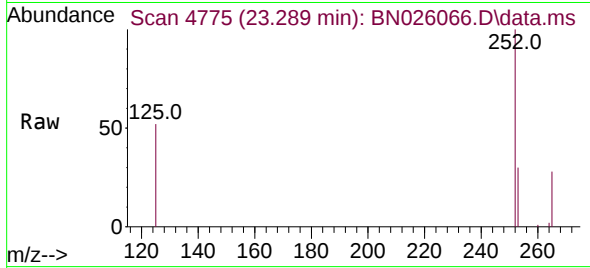
#25
Benzo(k)fluoranthene
Concen: 0.401 ng/ul m
RT: 23.289 min Scan# 4775
Delta R.T. -0.014 min
Lab File: BN026066.D
Acq: 28 Jun 2023 19:53

Instrument :
BNA_N
ClientSampleId :
DCFS8

Tgt Ion:252 Resp: 28810
Ion Ratio Lower Upper
252 100
253 30.4 23.2 34.8
125 51.8 15.0 22.4

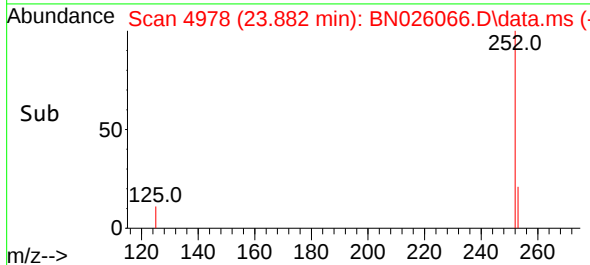
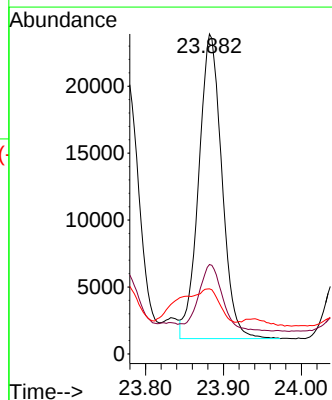
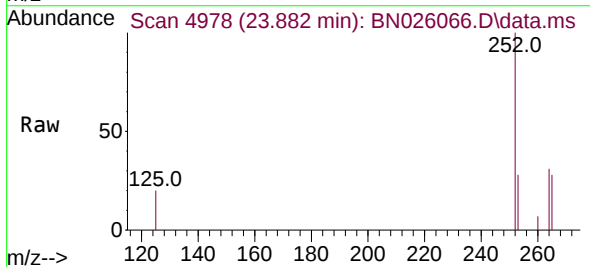
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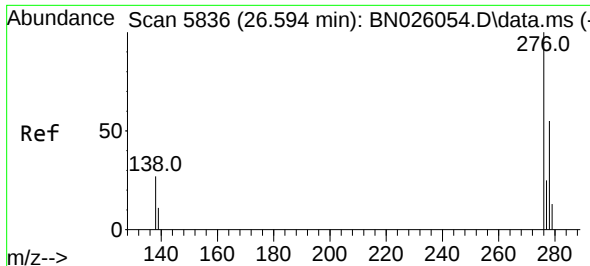
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#26
Benzo(a)pyrene
Concen: 0.755 ng/ul
RT: 23.882 min Scan# 4978
Delta R.T. -0.023 min
Lab File: BN026066.D
Acq: 28 Jun 2023 19:53

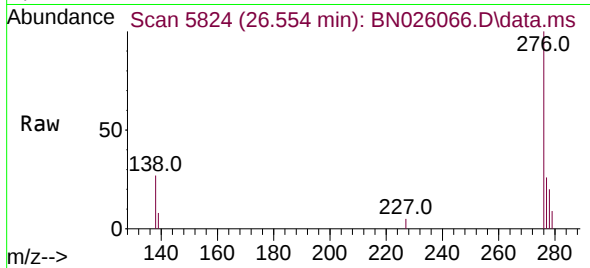
Tgt Ion:252 Resp: 46921
Ion Ratio Lower Upper
252 100
253 27.9 26.0 39.0
125 20.4 17.3 25.9





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.635 ng/ul
 RT: 26.554 min Scan# 5824
 Delta R.T. -0.040 min
 Lab File: BN026066.D
 Acq: 28 Jun 2023 19:53

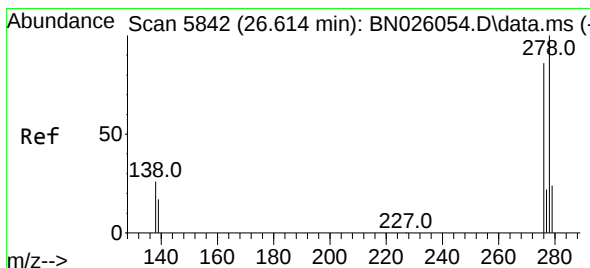
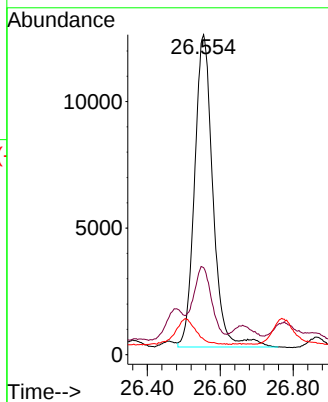
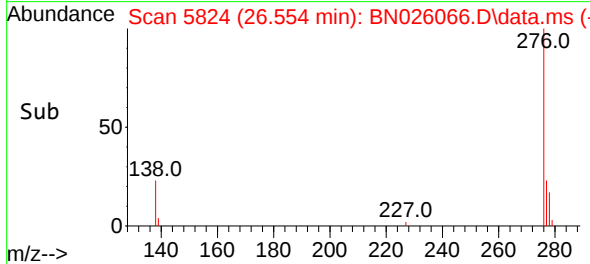
Instrument :
 BNA_N
 ClientSampleId :
 DCFS8



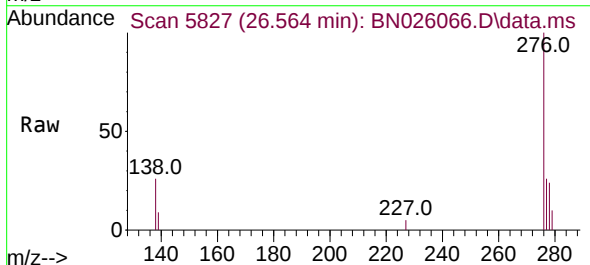
Tgt Ion:276 Resp: 4308
 Ion Ratio Lower Upper
 276 100
 138 22.3 24.5 36.7
 227 0.0 0.0 0.0

Manual Integrations
 APPROVED

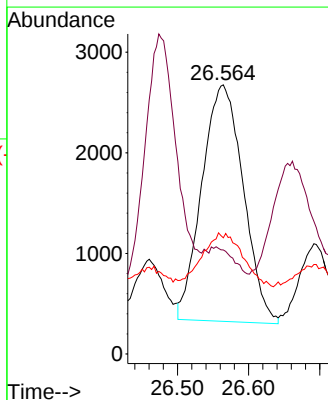
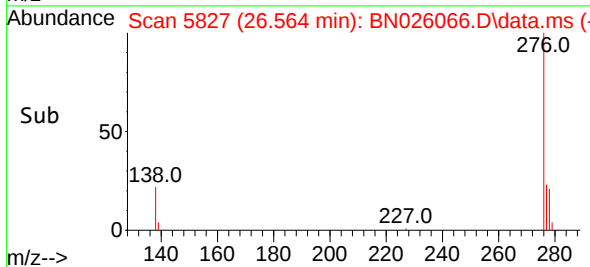
Reviewed By :Yogesh Patel 06/29/2023
 Supervised By :mohammad ahmed 06/30/2023

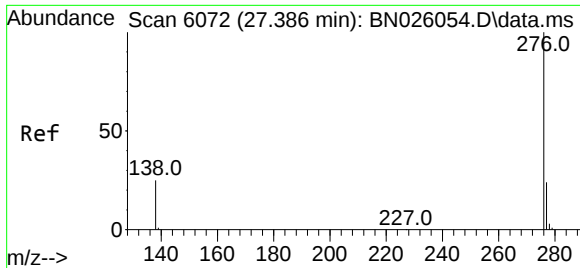


#28
 Dibenzo(a,h)anthracene
 Concen: 0.185 ng/ul
 RT: 26.564 min Scan# 5827
 Delta R.T. -0.050 min
 Lab File: BN026066.D
 Acq: 28 Jun 2023 19:53



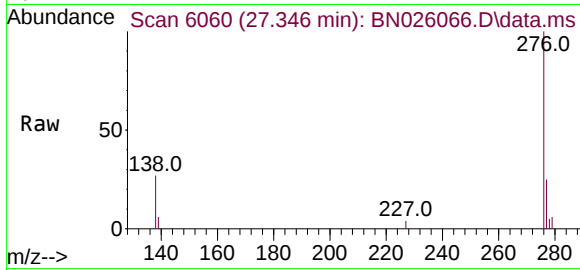
Tgt Ion:278 Resp: 9505
 Ion Ratio Lower Upper
 278 100
 139 38.7 19.0 28.4#
 279 43.2 26.7 40.1#





#29
Benzo(g,h,i)perylene
Concen: 0.655 ng/ul
RT: 27.346 min Scan# 6060
Delta R.T. -0.040 min
Lab File: BN026066.D
Acq: 28 Jun 2023 19:53

Instrument :
BNA_N
ClientSampleId :
DCFS8



Tgt Ion:276 Resp: 39539
Ion Ratio Lower Upper
276 100
138 27.5 23.4 35.0
277 25.4 20.0 30.0

Manual Integrations
APPROVED

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

