

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
 Data File : BN026059.D
 Acq On : 28 Jun 2023 15:36
 Operator : MA/JU
 Sample : 03142-15
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFT2

Manual Integrations
 APPROVED

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

Quant Time: Jun 28 23:15:02 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	7122	0.400	ng/ul	0.00
4) Naphthalene-d8	10.781	136	23139	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.607	164	14217	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.355	188	29872	0.400	ng/ul	0.00
17) Chrysene-d12	21.541	240	17086	0.400	ng/ul	0.00
23) Perylene-d12	24.008	264	15342	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.327	96	24604	3.068	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.370	152	7804	0.219	ng/ul	0.00
18) Fluoranthene-d10	19.382	212	17095	0.263	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.831	128	9700	0.146	ng/ul	97
7) 2-Methylnaphthalene	12.442	142	4897	0.116	ng/ul	98
8) 1-Methylnaphthalene	12.662	142	4007	0.092	ng/ul	98
10) Acenaphthylene	14.330	152	5946	0.089	ng/ul#	91
11) Acenaphthene	14.672	153	6301	0.116	ng/ul	98
12) Fluorene	15.653	166	4934	0.079	ng/ul#	96
15) Phenanthrene	17.393	178	133302	1.351	ng/ul	99
16) Anthracene	17.486	178	22275	0.254	ng/ul	98
19) Fluoranthene	19.410	202	313221	3.432	ng/ul	99
20) Pyrene	19.772	202	256053	2.698	ng/ul	98
21) Benzo(a)anthracene	21.523	228	122101	1.732	ng/ul	98
22) Chrysene	21.576	228	149720	2.041	ng/ul	97
24) Benzo(b)fluoranthene	23.253	252	225224m	3.439	ng/ul	
25) Benzo(k)fluoranthene	23.294	252	65546m	0.997	ng/ul	
26) Benzo(a)pyrene	23.902	252	134995	2.374	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.584	276	117998	1.899	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.604	278	27357	0.582	ng/ul	96
29) Benzo(g,h,i)perylene	27.393	276	115604	2.092	ng/ul	95

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

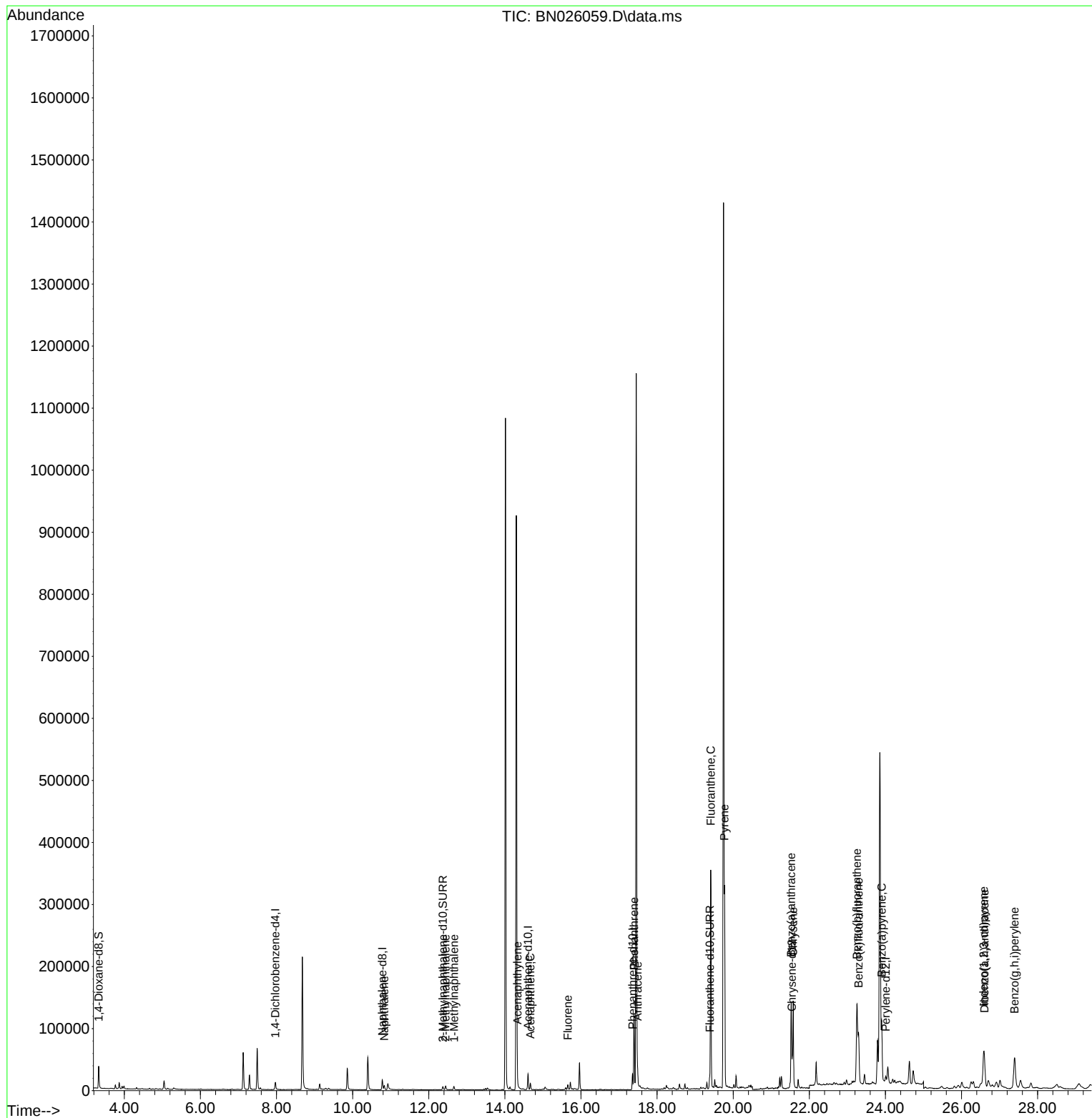
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
Data File : BN026059.D
Acq On : 28 Jun 2023 15:36
Operator : MA/JU
Sample : 03142-15
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ALS Vial : 7 Sample Multiplier: 1

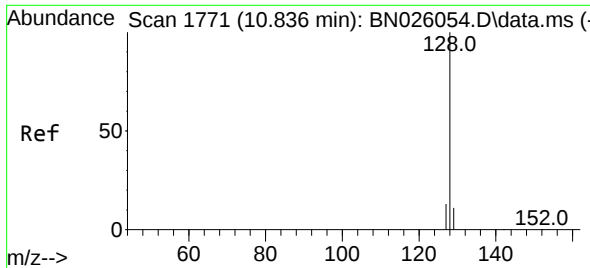
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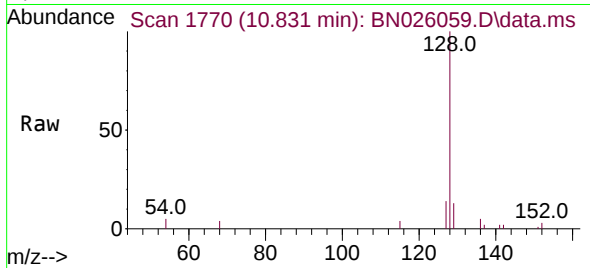
Quant Time: Jun 28 23:15:02 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 22:47:20 2023
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#5
Naphthalene
Concen: 0.146 ng/ul
RT: 10.831 min Scan# 1770
Delta R.T. -0.005 min
Lab File: BN026059.D
Acq: 28 Jun 2023 15:36

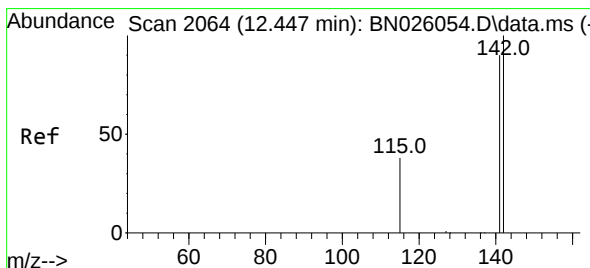
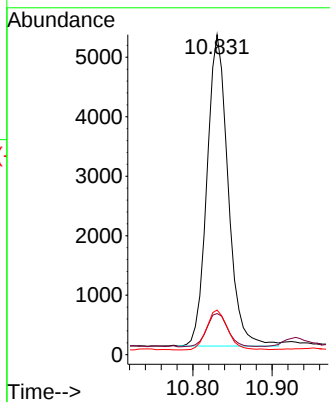
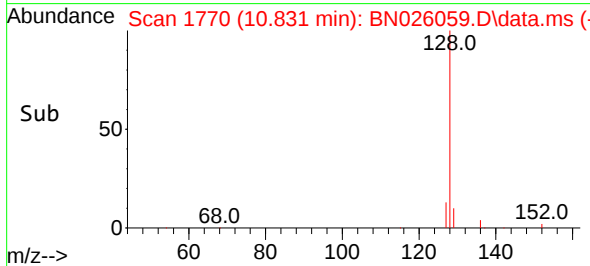
Instrument :
BNA_N
ClientSampleId :
DCFT2



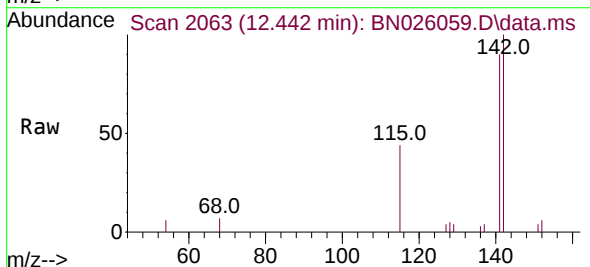
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Ion Ratio Lower Upper
128 100
129 12.9 9.1 13.7
127 13.9 10.7 16.1

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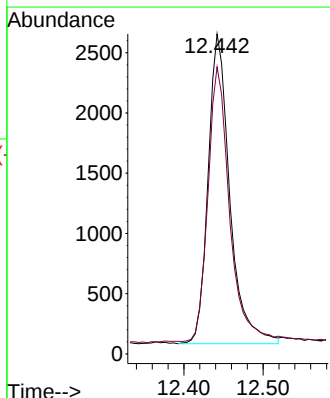
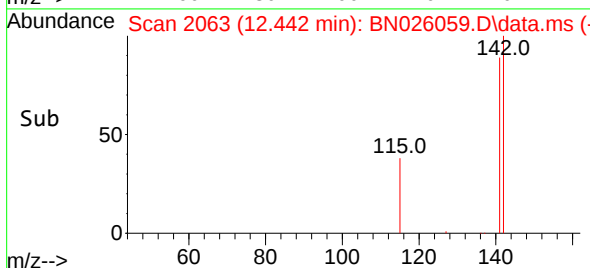
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023

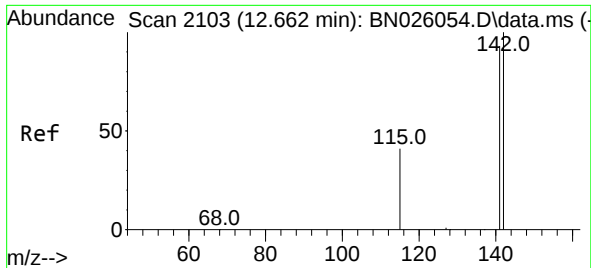


#7
2-Methylnaphthalene
Concen: 0.116 ng/ul
RT: 12.442 min Scan# 2063
Delta R.T. -0.005 min
Lab File: BN026059.D
Acq: 28 Jun 2023 15:36



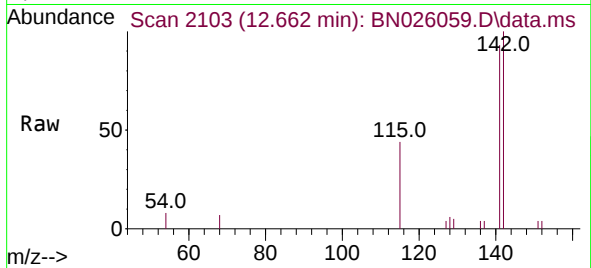
Tgt Ion:142 Resp: 4897
Ion Ratio Lower Upper
142 100
141 88.3 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.092 ng/ul
RT: 12.662 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BN026059.D
Acq: 28 Jun 2023 15:36

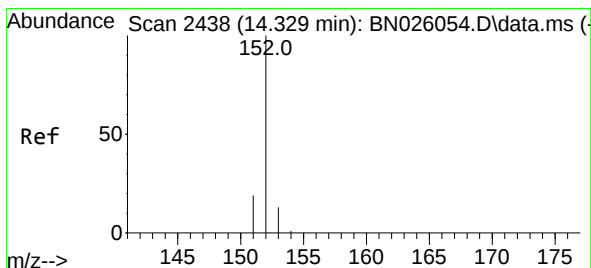
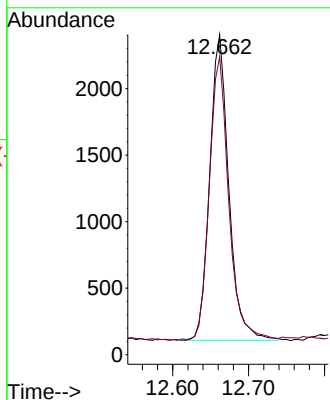
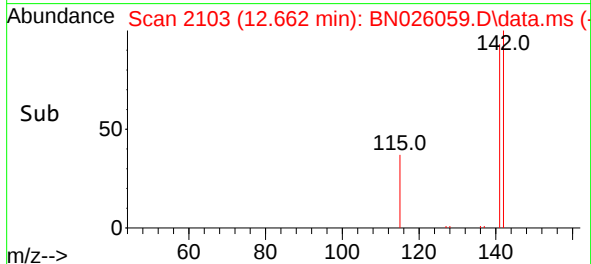
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 400
Ion Ratio Lower Upper
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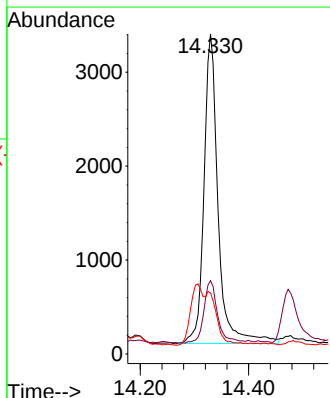
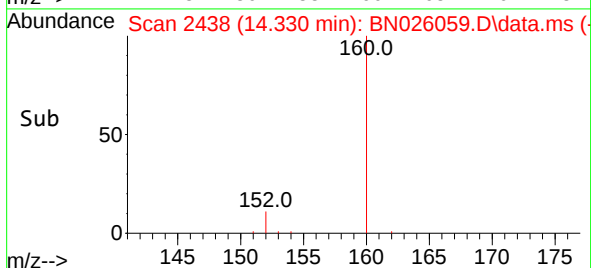
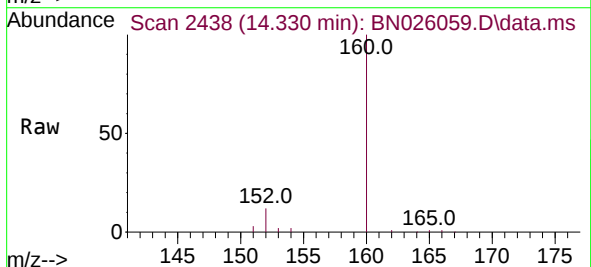
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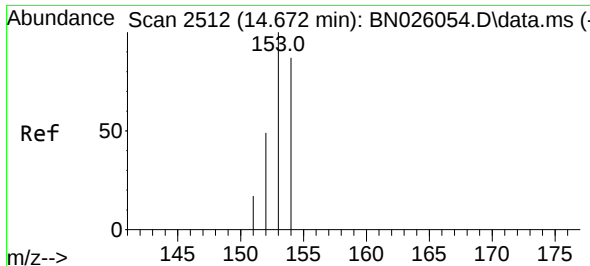
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#10
Acenaphthylene
Concen: 0.089 ng/ul
RT: 14.330 min Scan# 2438
Delta R.T. 0.000 min
Lab File: BN026059.D
Acq: 28 Jun 2023 15:36

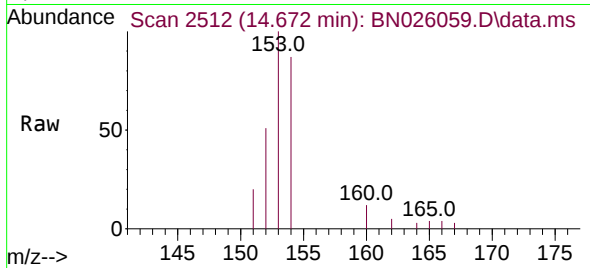
Tgt Ion:152 Resp: 5946
Ion Ratio Lower Upper
152 100
151 22.9 16.2 24.4
153 19.1 10.9 16.3#





#11
Acenaphthene
Concen: 0.116 ng/ul
RT: 14.672 min Scan# 2512
Delta R.T. 0.000 min
Lab File: BN026059.D
Acq: 28 Jun 2023 15:36

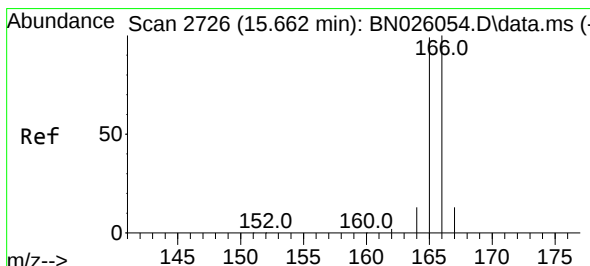
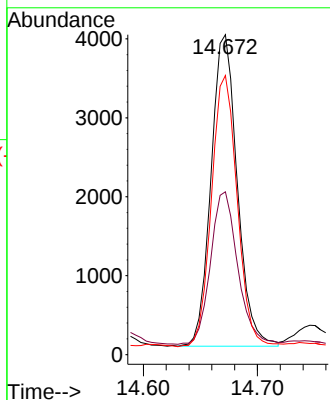
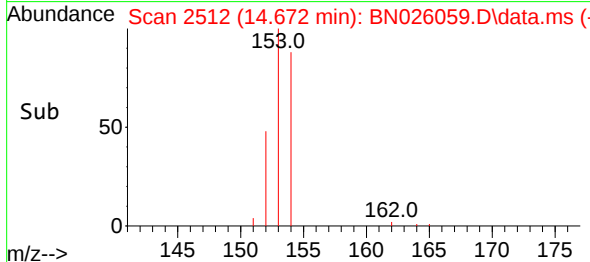
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:153 Resp: 630
Ion Ratio Lower Upper
153 100
152 50.9 39.4 59.0
154 87.2 68.9 103.3

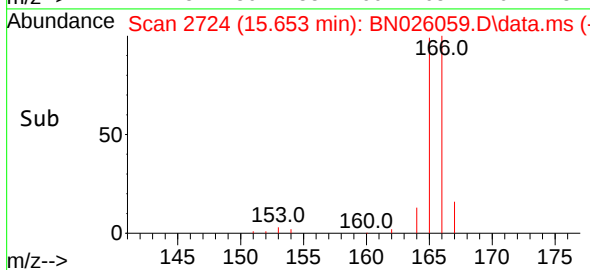
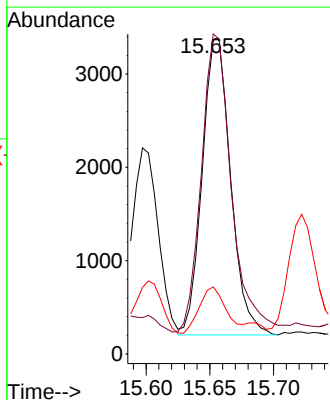
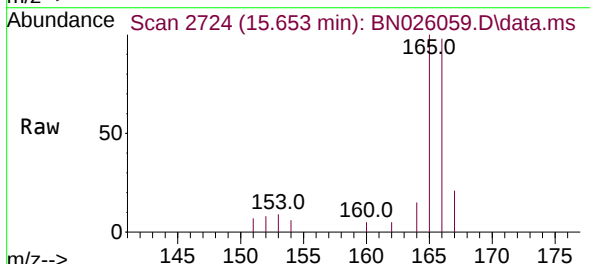
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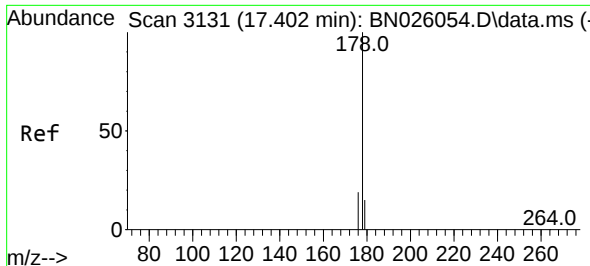
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#12
Fluorene
Concen: 0.079 ng/ul
RT: 15.653 min Scan# 2724
Delta R.T. -0.009 min
Lab File: BN026059.D
Acq: 28 Jun 2023 15:36

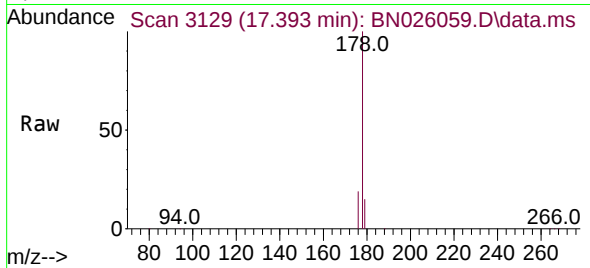
Tgt Ion:166 Resp: 4934
Ion Ratio Lower Upper
166 100
165 101.8 79.9 119.9
167 21.4 10.8 16.2#





#15
Phenanthrene
Concen: 1.351 ng/u1
RT: 17.393 min Scan# 3129
Delta R.T. -0.008 min
Lab File: BN026059.D
Acq: 28 Jun 2023 15:36

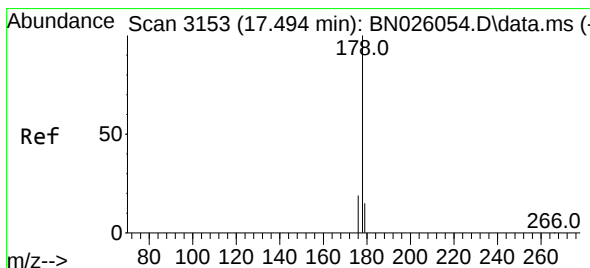
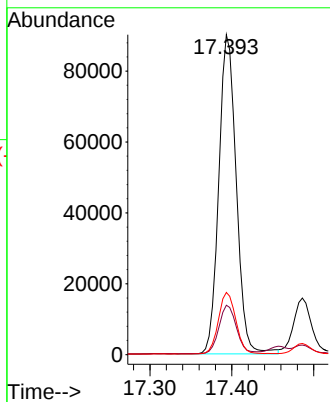
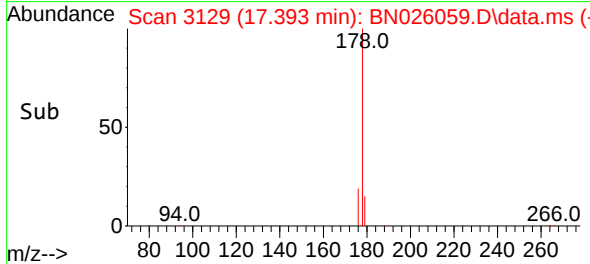
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:178 Resp: 133302
Ion Ratio Lower Upper
178 100
179 15.5 12.6 19.0
176 19.5 15.8 23.6

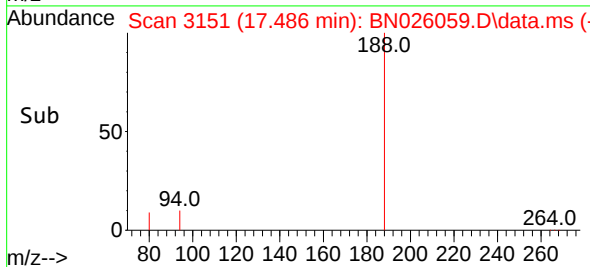
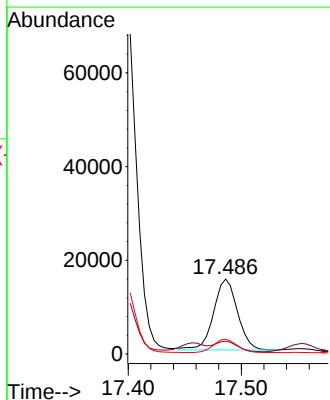
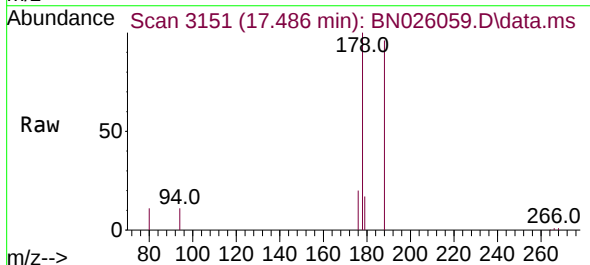
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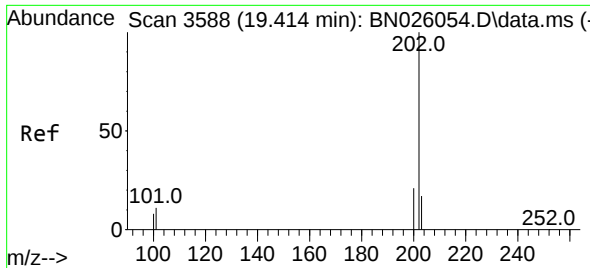
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#16
Anthracene
Concen: 0.254 ng/u1
RT: 17.486 min Scan# 3151
Delta R.T. -0.008 min
Lab File: BN026059.D
Acq: 28 Jun 2023 15:36

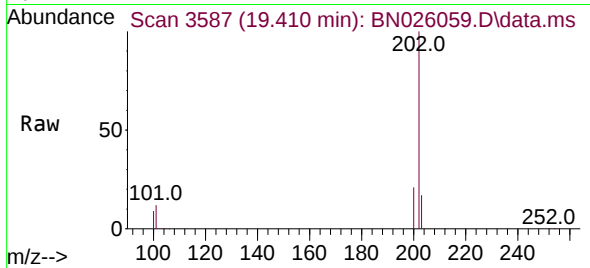
Tgt Ion:178 Resp: 22275
Ion Ratio Lower Upper
178 100
179 17.0 12.6 18.8
176 19.8 15.1 22.7





#19
Fluoranthene
Concen: 3.432 ng/u1
RT: 19.410 min Scan# 31322
Delta R.T. -0.005 min
Lab File: BN026059.D
Acq: 28 Jun 2023 15:36

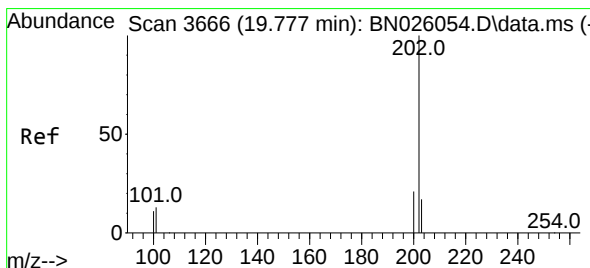
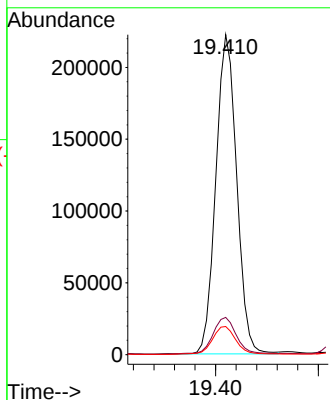
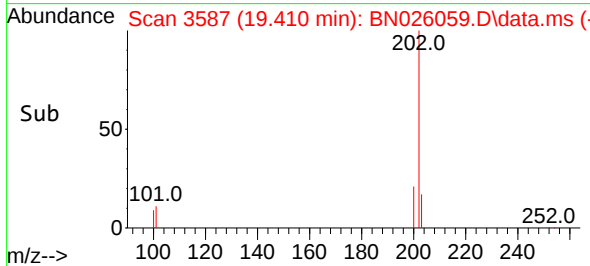
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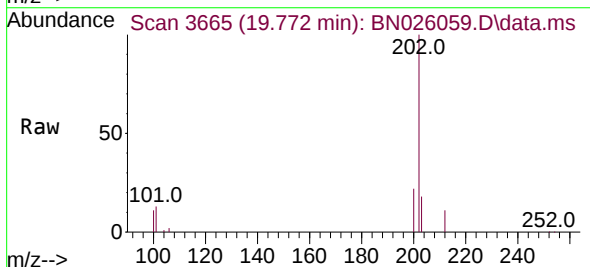
Tgt Ion:202 Resp: 31322
Ion Ratio Lower Upper
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101 11.7 9.5 14.3
100 8.8 7.3 10.9

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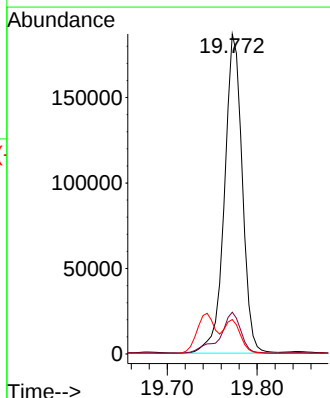
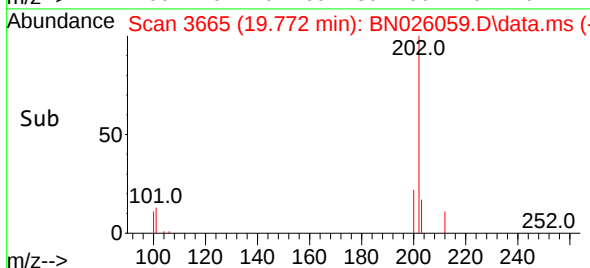
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Supervised By :mohammad ahmed 06/30/2023

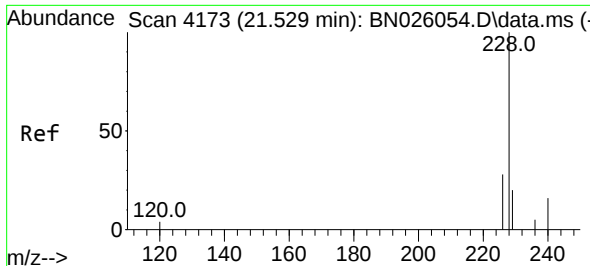


#20
Pyrene
Concen: 2.698 ng/u1
RT: 19.772 min Scan# 3665
Delta R.T. -0.005 min
Lab File: BN026059.D
Acq: 28 Jun 2023 15:36



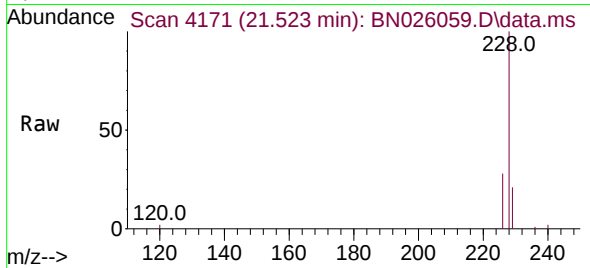
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Ion Ratio Lower Upper
202 100
101 13.0 11.4 17.0
100 10.8 9.1 13.7





#21
Benzo(a)anthracene
Concen: 1.732 ng/ul
RT: 21.523 min Scan# 4173
Delta R.T. -0.006 min
Lab File: BN026059.D
Acq: 28 Jun 2023 15:36

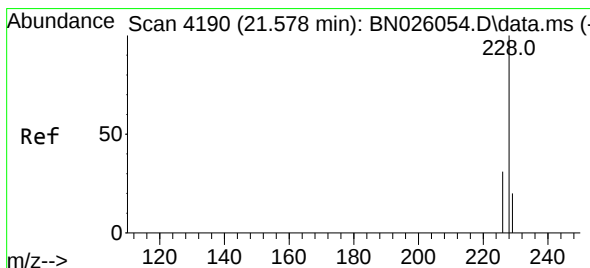
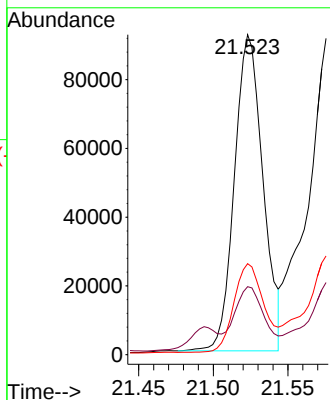
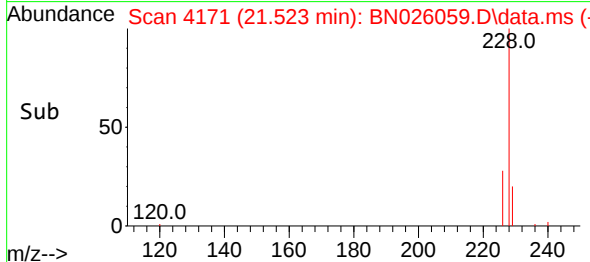
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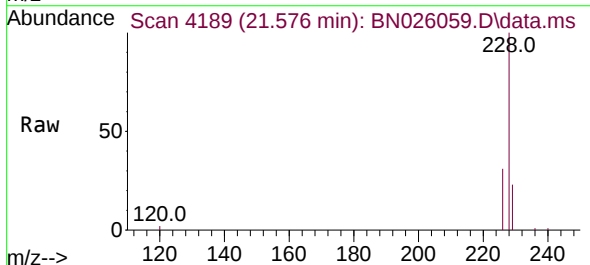
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Ion Ratio Lower Upper
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229 21.2 15.8 23.6
226 28.4 22.5 33.7

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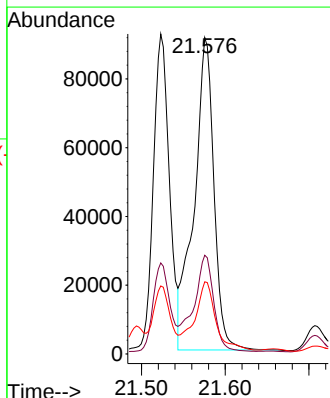
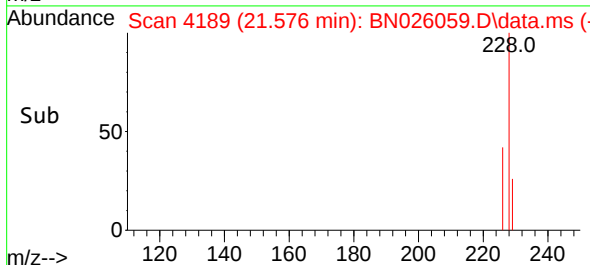
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023

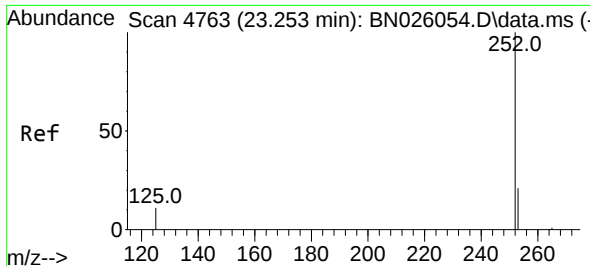


#22
Chrysene
Concen: 2.041 ng/ul
RT: 21.576 min Scan# 4189
Delta R.T. -0.003 min
Lab File: BN026059.D
Acq: 28 Jun 2023 15:36



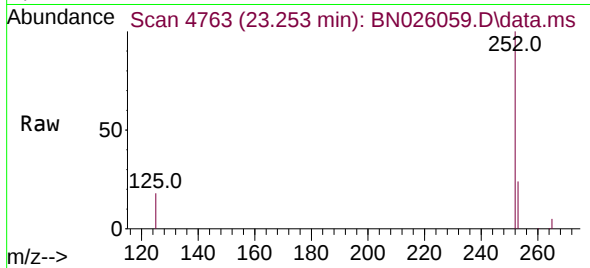
Tgt Ion:228 Resp: 149720
Ion Ratio Lower Upper
228 100
226 31.2 24.8 37.2
229 22.8 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 3.439 ng/ul m
RT: 23.253 min Scan# 4763
Delta R.T. 0.000 min
Lab File: BN026059.D
Acq: 28 Jun 2023 15:36

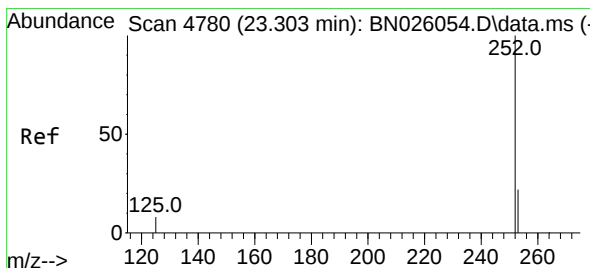
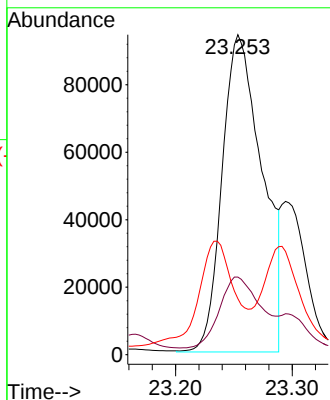
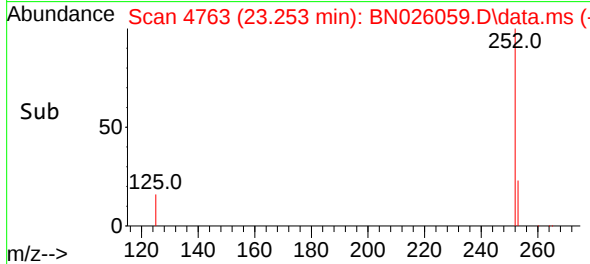
Instrument :
BNA_N
ClientSampleId :
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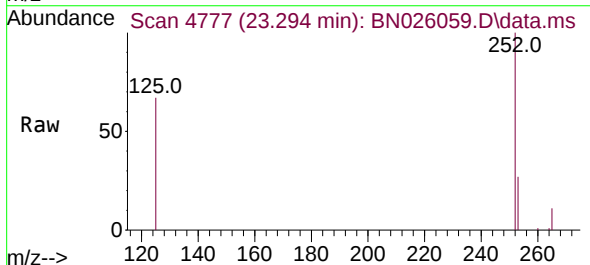
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Ion Ratio Lower Upper
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253 24.3 0.0 55.6
125 17.5 0.0 35.8

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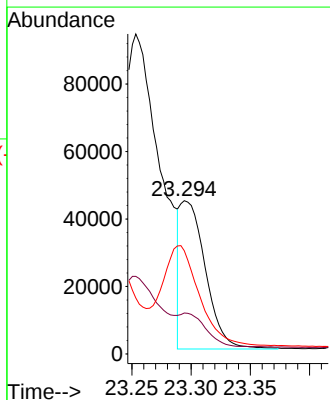
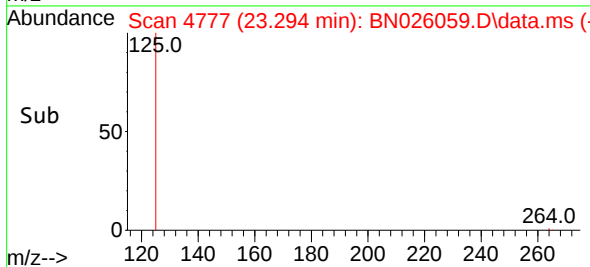
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023

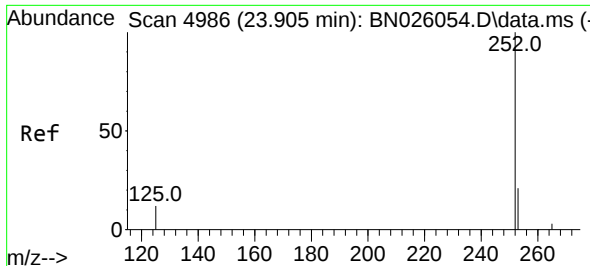


#25
Benzo(k)fluoranthene
Concen: 0.997 ng/ul m
RT: 23.294 min Scan# 4777
Delta R.T. -0.009 min
Lab File: BN026059.D
Acq: 28 Jun 2023 15:36



Tgt Ion:252 Resp: 65546
Ion Ratio Lower Upper
252 100
253 26.7 23.2 34.8
125 67.4 15.0 22.4#





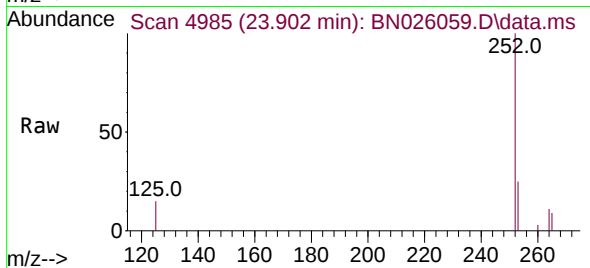
#26
Benzo(a)pyrene
Concen: 2.374 ng/ul
RT: 23.902 min Scan# 4985
Delta R.T. -0.003 min
Lab File: BN026059.D
Acq: 28 Jun 2023 15:36

Instrument :

BNA_N

ClientSampleId :

DCFT2

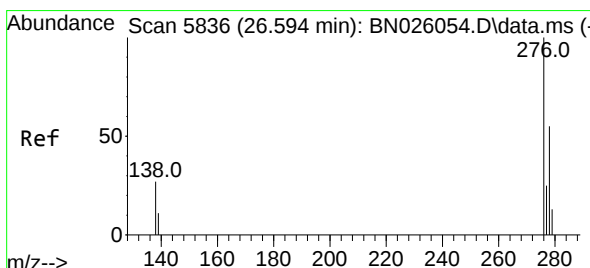
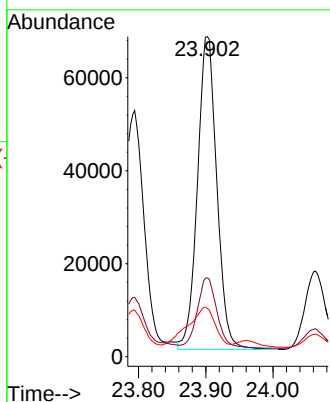
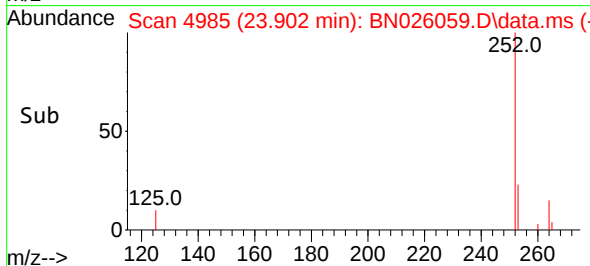


Tgt Ion:252 Resp: 134998
Ion Ratio Lower Upper
252 100
253 24.7 26.0 39.0
125 15.0 17.3 25.9

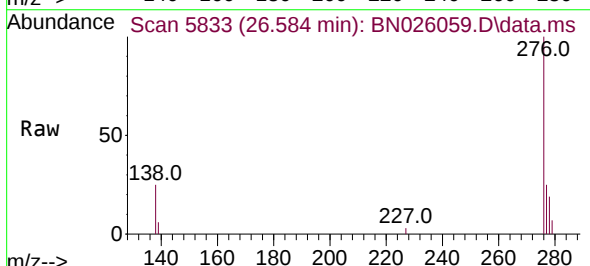
Manual Integrations

APPROVED

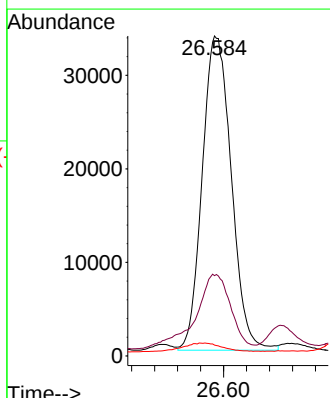
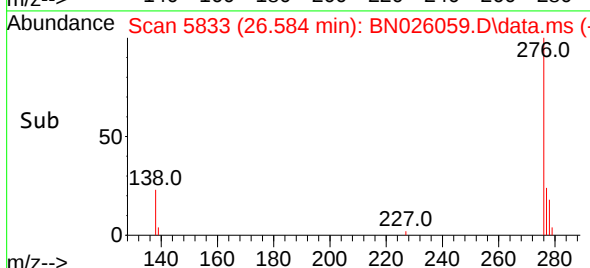
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023

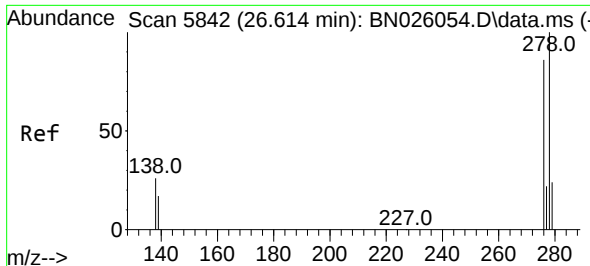


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.899 ng/ul
RT: 26.584 min Scan# 5833
Delta R.T. -0.010 min
Lab File: BN026059.D
Acq: 28 Jun 2023 15:36



Tgt Ion:276 Resp: 117998
Ion Ratio Lower Upper
276 100
138 29.2 24.5 36.7
227 3.9 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.582 ng/ul
RT: 26.604 min Scan# 5839
Delta R.T. -0.010 min
Lab File: BN026059.D
Acq: 28 Jun 2023 15:36

Instrument :

BNA_N

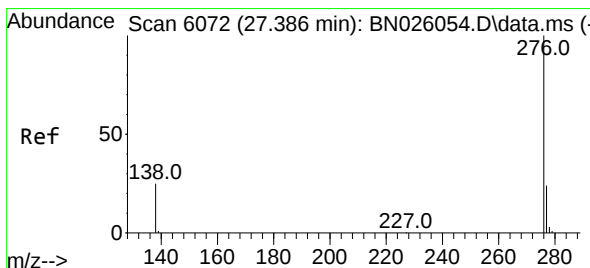
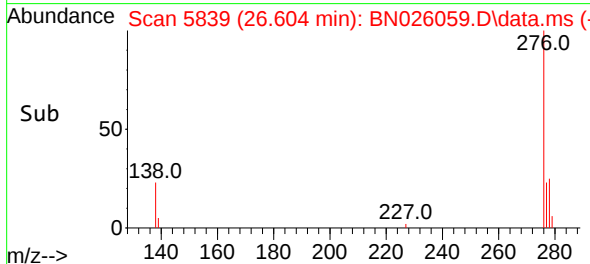
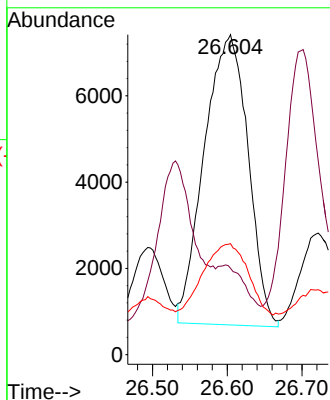
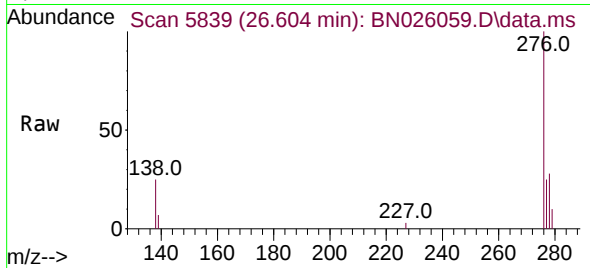
ClientSampleId :

DCFT2

Tgt Ion:278 Resp: 2735
Ion Ratio Lower Upper
278 100
139 27.0 19.0 28.4
279 34.7 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: 2.092 ng/ul
RT: 27.393 min Scan# 6074
Delta R.T. 0.007 min
Lab File: BN026059.D
Acq: 28 Jun 2023 15:36

Tgt Ion:276 Resp: 115604
Ion Ratio Lower Upper
276 100
138 25.4 23.4 35.0
277 24.1 20.0 30.0

