

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
 Data File : BN026099.D
 Acq On : 29 Jun 2023 17:53
 Operator : MA/JU
 Sample : 03142-21DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFT8DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 30 00:44:44 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	7061	0.400	ng/ul	0.00
4) Naphthalene-d8	10.780	136	23361	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.607	164	13475	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.351	188	25368	0.400	ng/ul	0.00
17) Chrysene-d12	21.540	240	13893	0.400	ng/ul	0.00
23) Perylene-d12	24.004	264	14314	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.327	96	4009	0.504	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.375	152	1131	0.031	ng/ul	0.00
18) Fluoranthene-d10	19.381	212	2045	0.039	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.829	128	2852	0.043	ng/ul#	89
7) 2-Methylnaphthalene	12.446	142	1659	0.039	ng/ul	99
8) 1-Methylnaphthalene	12.661	142	1252	0.028	ng/ul	95
10) Acenaphthylene	14.329	152	2525	0.040	ng/ul#	88
11) Acenaphthene	14.667	153	1543	0.030	ng/ul	96
15) Phenanthrene	17.393	178	29774	0.355	ng/ul	99
16) Anthracene	17.486	178	5576	0.075	ng/ul#	90
19) Fluoranthene	19.409	202	76174	1.027	ng/ul	99
20) Pyrene	19.772	202	67486	0.874	ng/ul	96
21) Benzo(a)anthracene	21.522	228	29735	0.519	ng/ul	97
22) Chrysene	21.578	228	36543	0.613	ng/ul	98
24) Benzo(b)fluoranthene	23.250	252	56633m	0.927	ng/ul	
25) Benzo(k)fluoranthene	23.296	252	19267m	0.314	ng/ul	
26) Benzo(a)pyrene	23.893	252	33006	0.622	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.580	276	28060	0.484	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.590	278	6636	0.151	ng/ul#	73
29) Benzo(g,h,i)perylene	27.375	276	26817	0.520	ng/ul	97

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

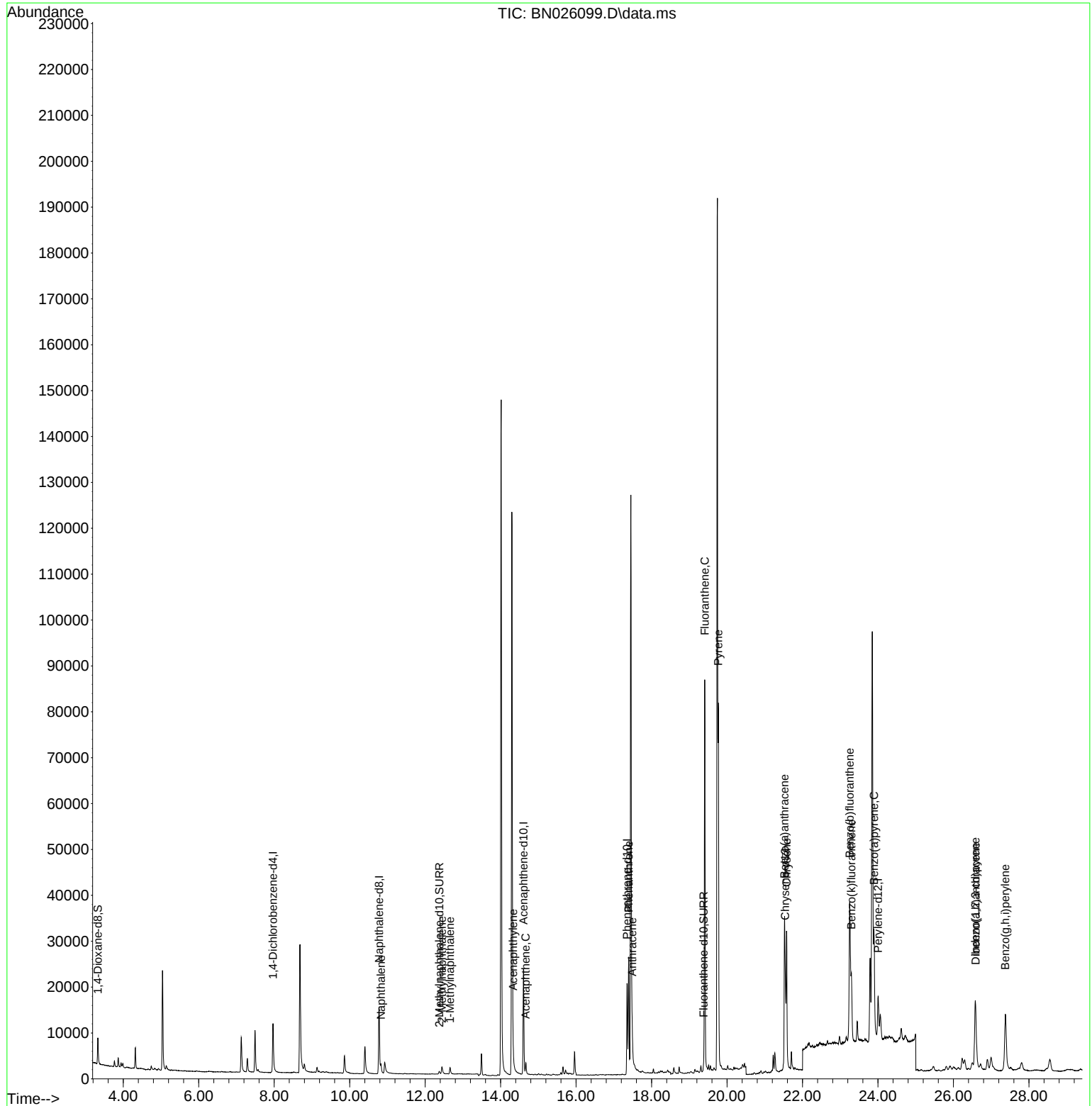
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
Data File : BN026099.D
Acq On : 29 Jun 2023 17:53
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ALS Vial : 19 Sample Multiplier: 1

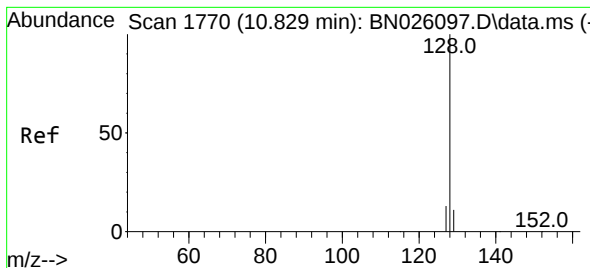
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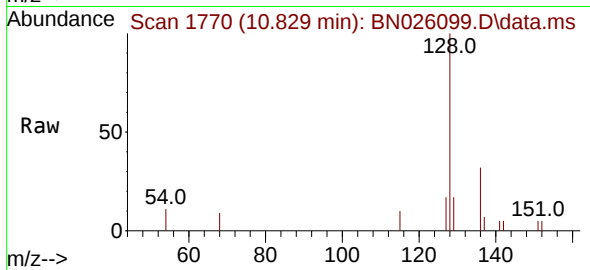
Quant Time: Jun 30 00:44:44 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 22:47:20 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.043 ng/ul
RT: 10.829 min Scan# 1770
Delta R.T. -0.007 min
Lab File: BN026099.D
Acq: 29 Jun 2023 17:53

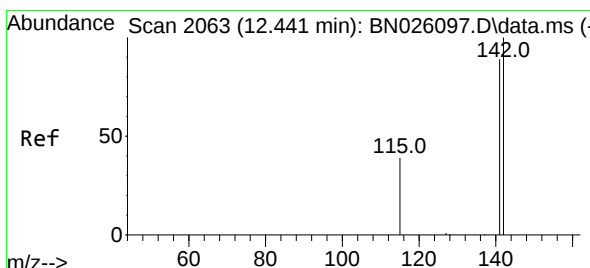
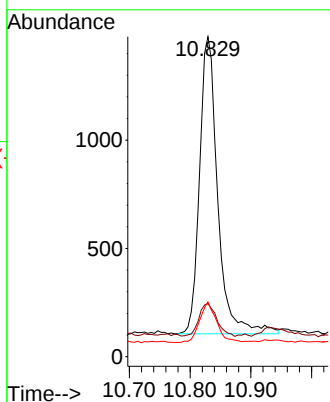
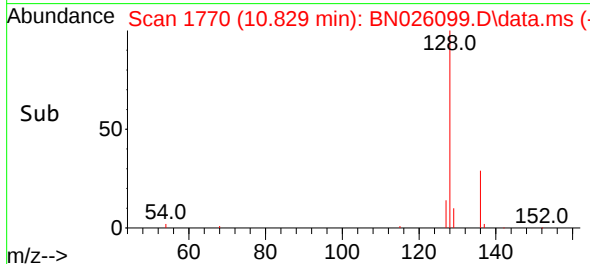
Instrument :
BNA_N
ClientSampleId :
DCFT8DL



Tgt Ion:128 Resp: 2852
Ion Ratio Lower Upper
128 100
129 16.6 9.1 13.7
127 17.1 10.7 16.1

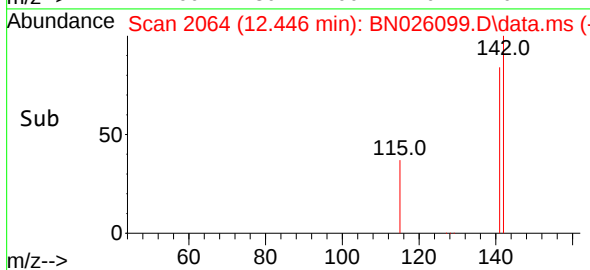
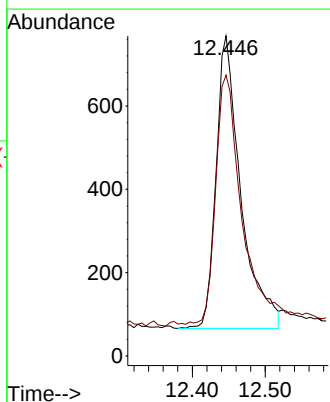
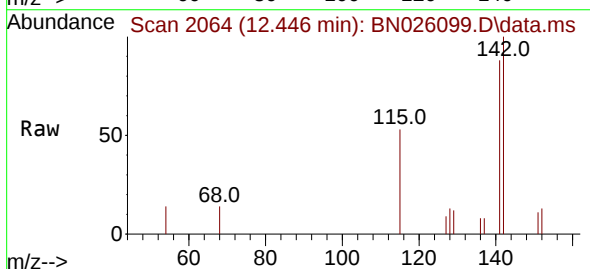
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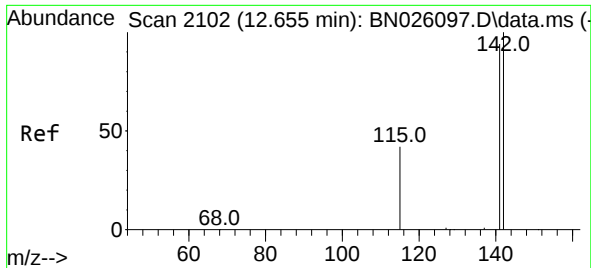
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#7
2-Methylnaphthalene
Concen: 0.039 ng/ul
RT: 12.446 min Scan# 2064
Delta R.T. -0.001 min
Lab File: BN026099.D
Acq: 29 Jun 2023 17:53

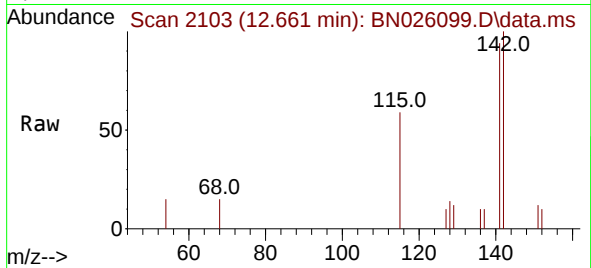
Tgt Ion:142 Resp: 1659
Ion Ratio Lower Upper
142 100
141 89.4 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.028 ng/ul
RT: 12.661 min Scan# 2103
Delta R.T. -0.001 min
Lab File: BN026099.D
Acq: 29 Jun 2023 17:53

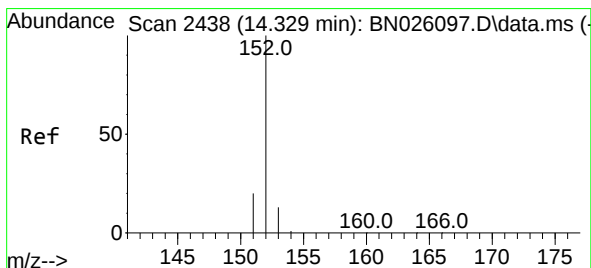
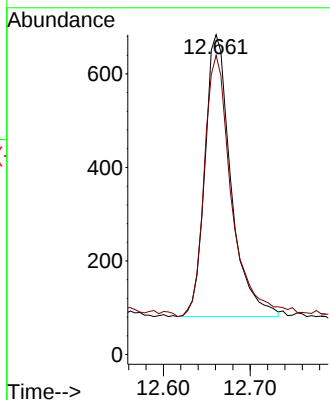
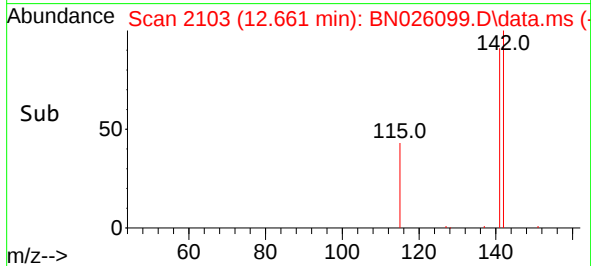
Instrument :
BNA_N
ClientSampleId :
DCFT8DL



Tgt Ion:142 Resp: 1252
Ion Ratio Lower Upper
142 100
141 97.1 74.2 111.4

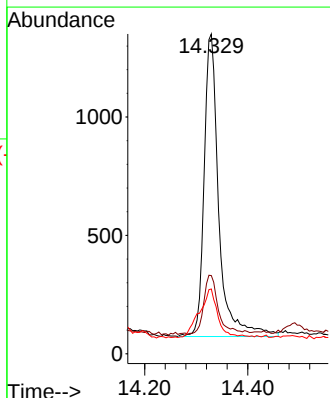
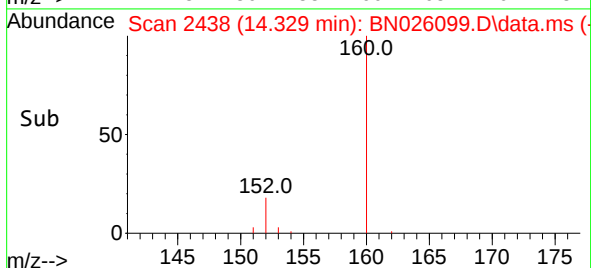
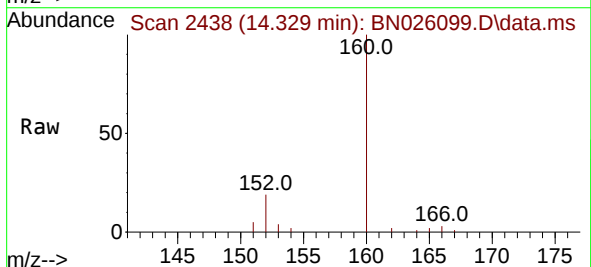
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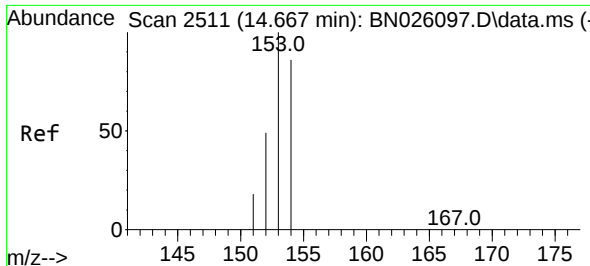
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#10
Acenaphthylene
Concen: 0.040 ng/ul
RT: 14.329 min Scan# 2438
Delta R.T. -0.000 min
Lab File: BN026099.D
Acq: 29 Jun 2023 17:53

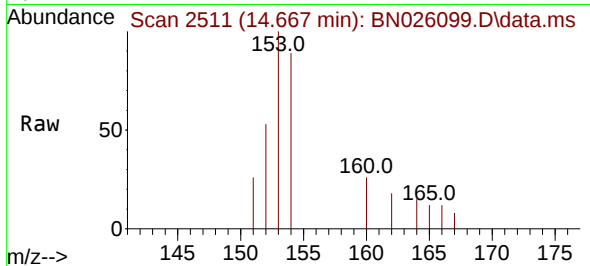
Tgt Ion:152 Resp: 2525
Ion Ratio Lower Upper
152 100
151 24.5 16.2 24.4#
153 20.3 10.9 16.3#





#11
Acenaphthene
Concen: 0.030 ng/u1
RT: 14.667 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN026099.D
Acq: 29 Jun 2023 17:53

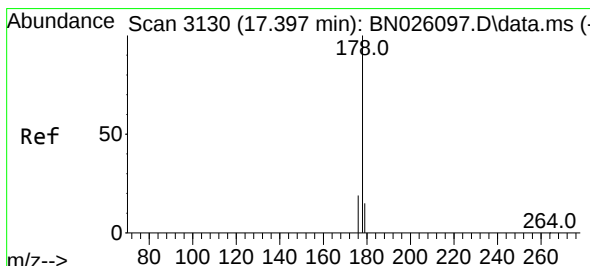
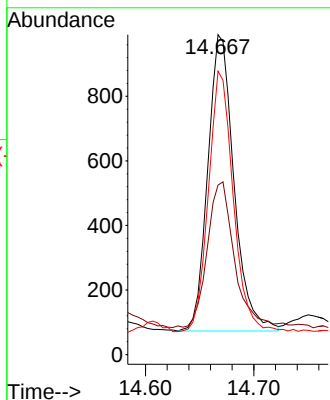
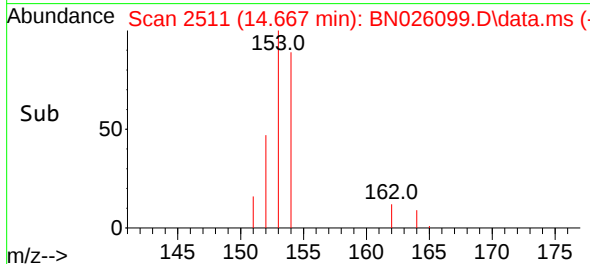
Instrument :
BNA_N
ClientSampleId :
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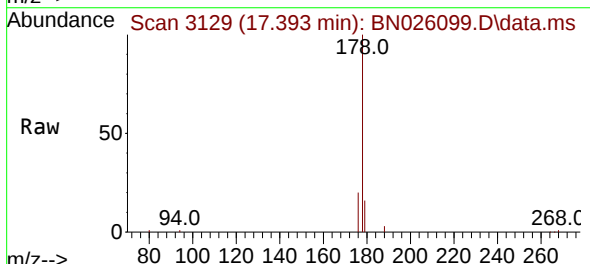
Tgt Ion:153 Resp: 154
Ion Ratio Lower Upper
153 100
152 53.0 39.4 59.0
154 88.6 68.9 103.3

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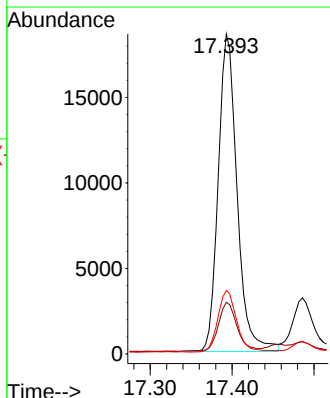
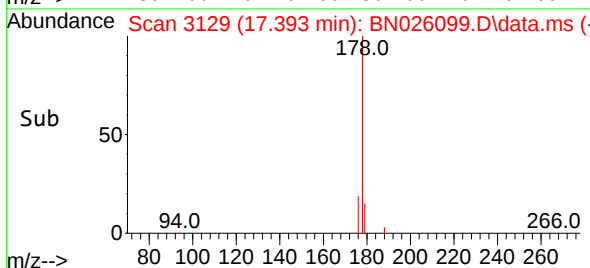
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

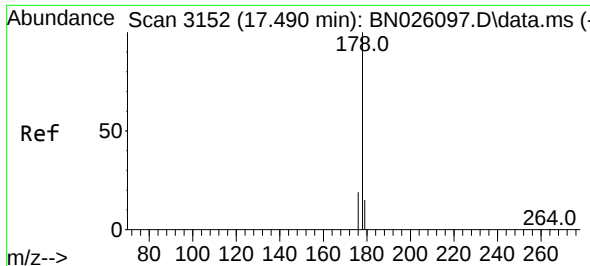


#15
Phenanthrene
Concen: 0.355 ng/u1
RT: 17.393 min Scan# 3129
Delta R.T. -0.009 min
Lab File: BN026099.D
Acq: 29 Jun 2023 17:53



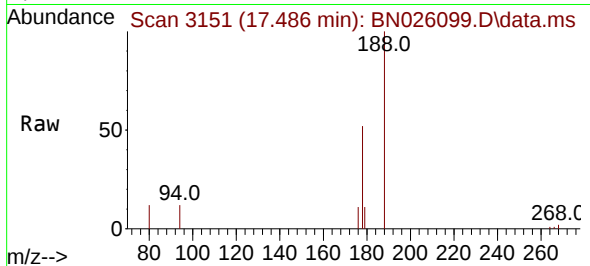
Tgt Ion:178 Resp: 29774
Ion Ratio Lower Upper
178 100
179 16.2 12.6 19.0
176 19.9 15.8 23.6





#16
 Anthracene
 Concen: 0.075 ng/ul
 RT: 17.486 min Scan# 3151
 Delta R.T. -0.009 min
 Lab File: BN026099.D
 Acq: 29 Jun 2023 17:53

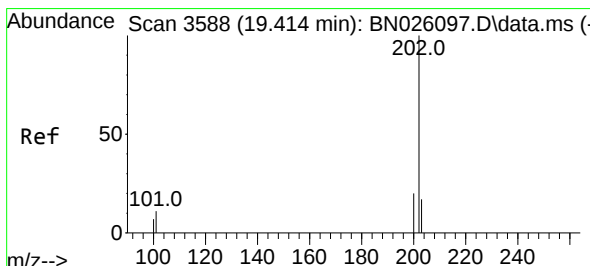
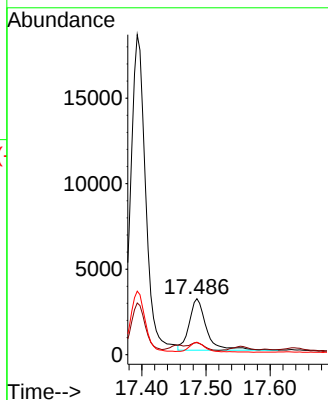
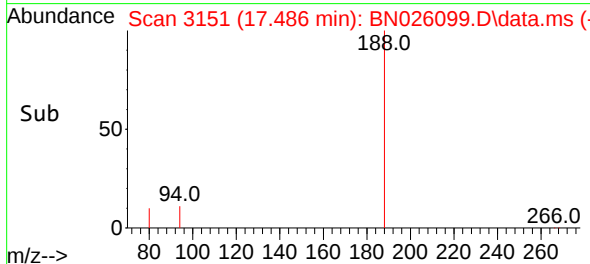
Instrument :
 BNA_N
 ClientSampleId :
 DCFT8DL



Tgt Ion:178 Resp: 5570
 Ion Ratio Lower Upper
 178 100
 179 21.3 12.6 18.8
 176 22.1 15.1 22.7

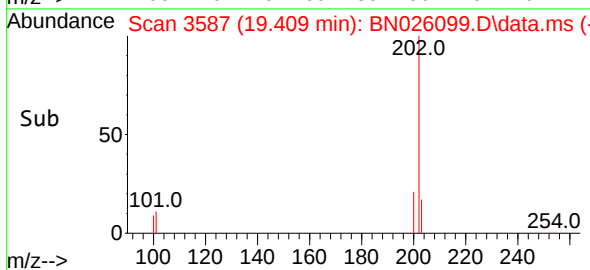
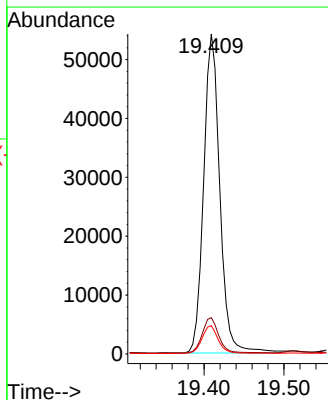
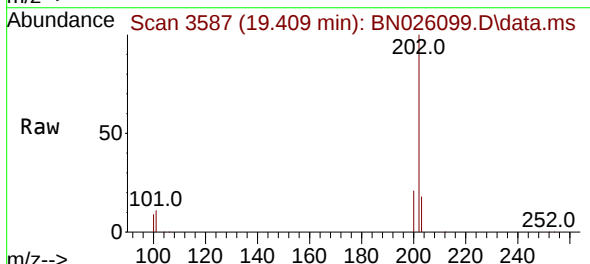
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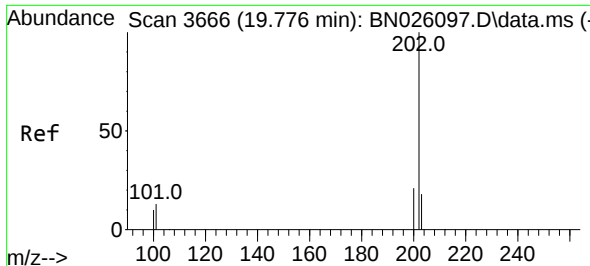
Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023



#19
 Fluoranthene
 Concen: 1.027 ng/ul
 RT: 19.409 min Scan# 3587
 Delta R.T. -0.005 min
 Lab File: BN026099.D
 Acq: 29 Jun 2023 17:53

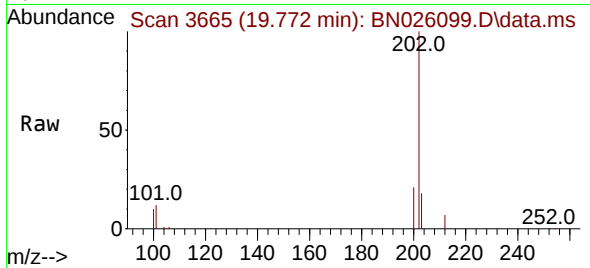
Tgt Ion:202 Resp: 76174
 Ion Ratio Lower Upper
 202 100
 101 11.3 9.5 14.3
 100 8.8 7.3 10.9





#20
Pyrene
Concen: 0.874 ng/u1
RT: 19.772 min Scan# 30
Delta R.T. -0.005 min
Lab File: BN026099.D
Acq: 29 Jun 2023 17:53

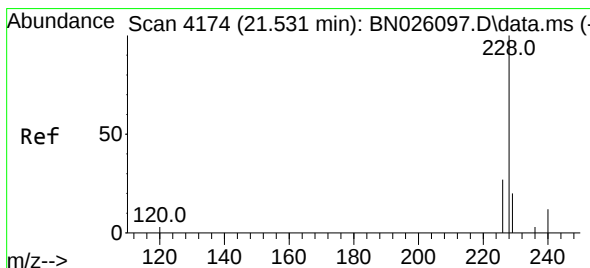
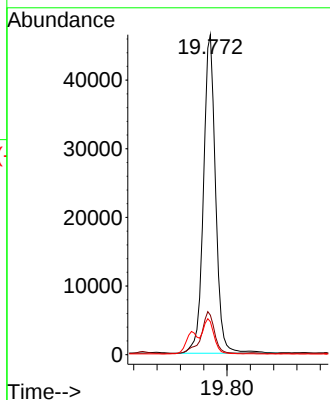
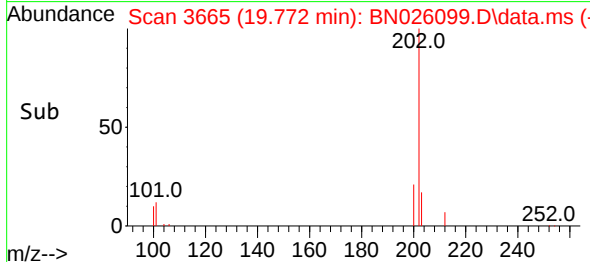
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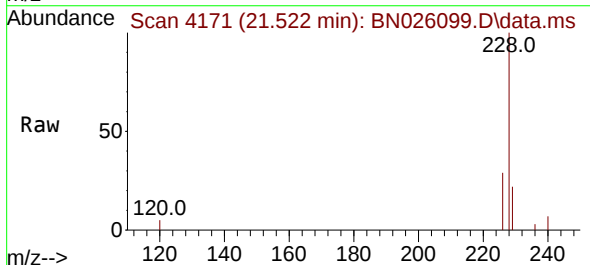
Tgt Ion:202 Resp: 67480
Ion Ratio Lower Upper
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101 12.4 11.4 17.0
100 10.3 9.1 13.7

Manual Integrations
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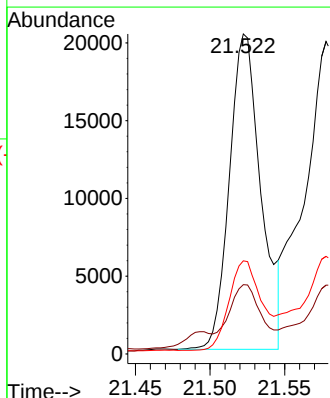
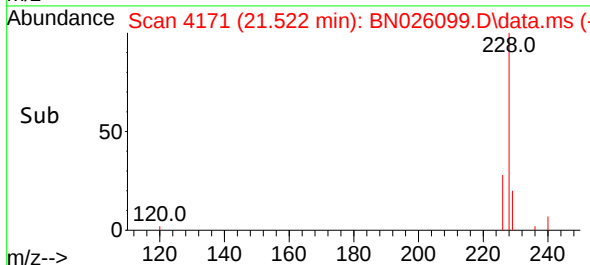
Reviewed By :Yogesh Patel 06/30/2023
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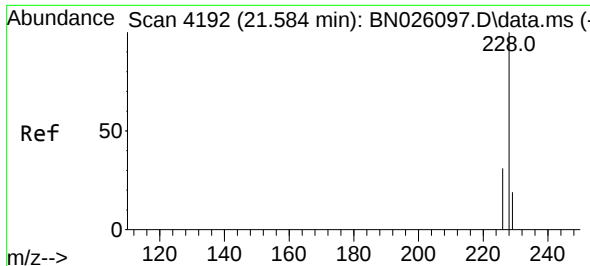


#21
Benzo(a)anthracene
Concen: 0.519 ng/u1
RT: 21.522 min Scan# 4171
Delta R.T. -0.007 min
Lab File: BN026099.D
Acq: 29 Jun 2023 17:53



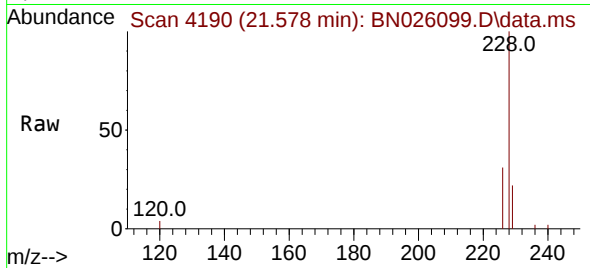
Tgt Ion:228 Resp: 29735
Ion Ratio Lower Upper
228 100
229 21.6 15.8 23.6
226 29.1 22.5 33.7





#22
Chrysene
Concen: 0.613 ng/ul
RT: 21.578 min Scan# 4190
Delta R.T. -0.001 min
Lab File: BN026099.D
Acq: 29 Jun 2023 17:53

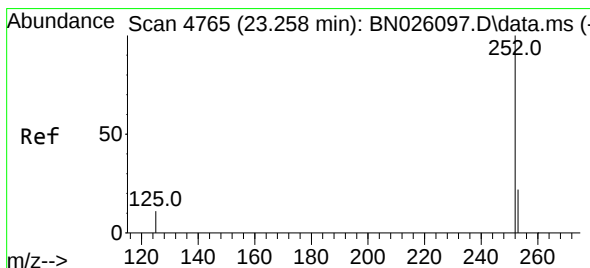
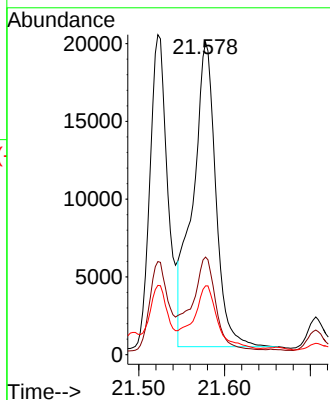
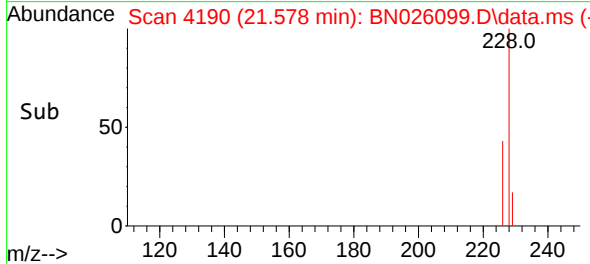
Instrument :
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DCFT8DL



Tgt Ion:228 Resp: 3654
Ion Ratio Lower Upper
228 100
226 31.2 24.8 37.2
229 22.0 15.7 23.5

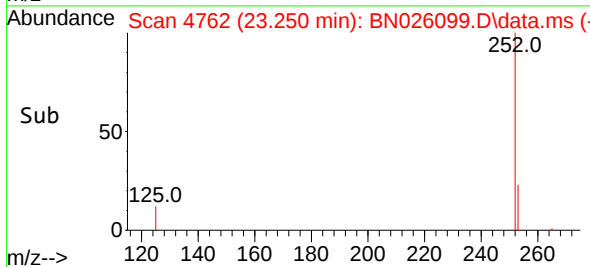
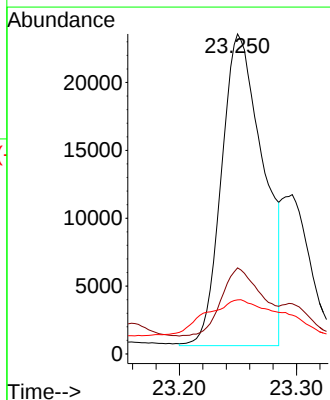
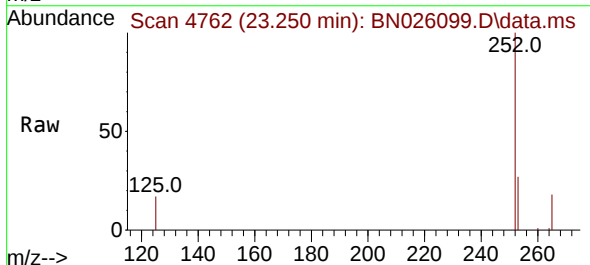
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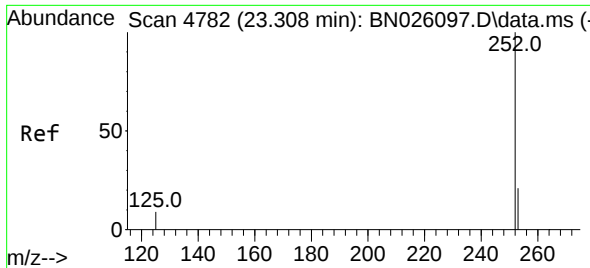
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#24
Benzo(b)fluoranthene
Concen: 0.927 ng/ul m
RT: 23.250 min Scan# 4762
Delta R.T. -0.004 min
Lab File: BN026099.D
Acq: 29 Jun 2023 17:53

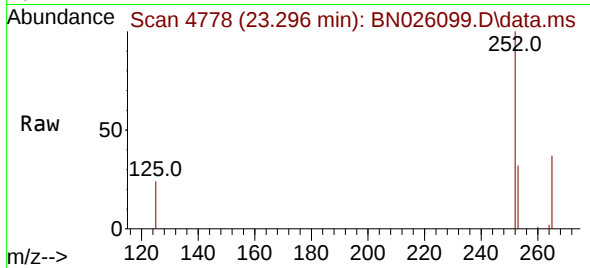
Tgt Ion:252 Resp: 56633
Ion Ratio Lower Upper
252 100
253 26.9 0.0 55.6
125 16.9 0.0 35.8





#25
Benzo(k)fluoranthene
Concen: 0.314 ng/ul m
RT: 23.296 min Scan# 4778
Delta R.T. -0.007 min
Lab File: BN026099.D
Acq: 29 Jun 2023 17:53

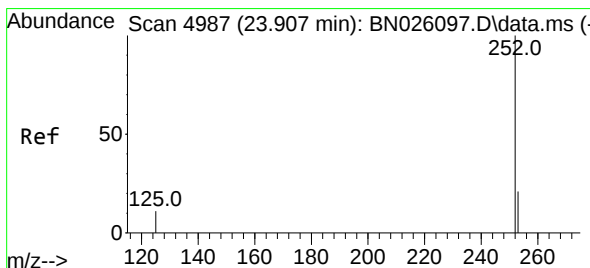
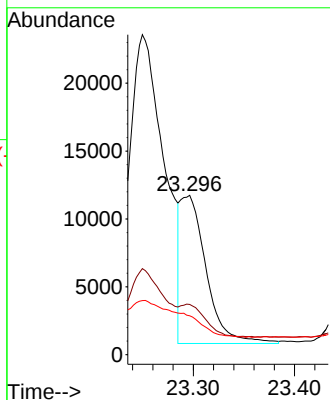
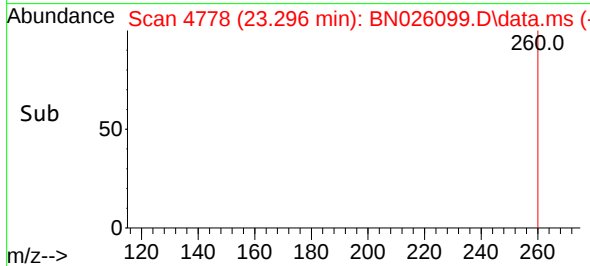
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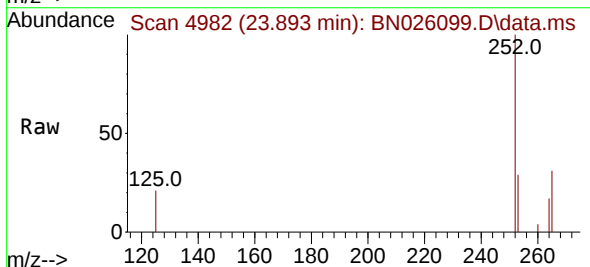
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Ion Ratio Lower Upper
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125 24.4 15.0 22.4

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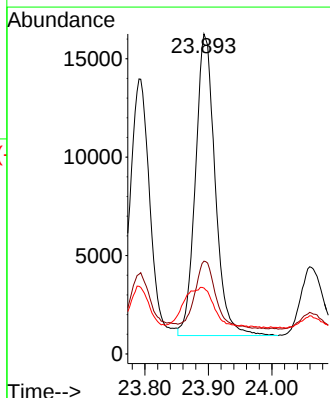
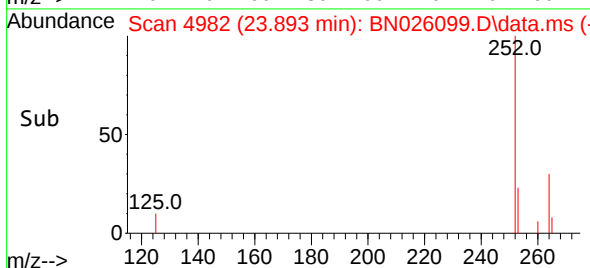
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

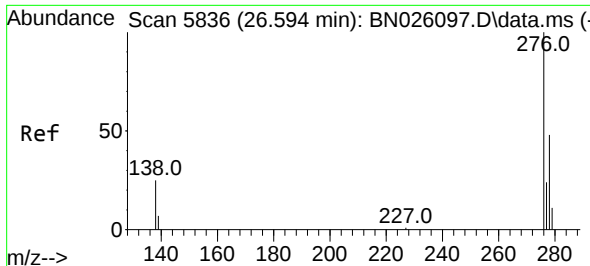


#26
Benzo(a)pyrene
Concen: 0.622 ng/ul
RT: 23.893 min Scan# 4982
Delta R.T. -0.012 min
Lab File: BN026099.D
Acq: 29 Jun 2023 17:53



Tgt Ion:252 Resp: 33006
Ion Ratio Lower Upper
252 100
253 29.0 26.0 39.0
125 20.6 17.3 25.9





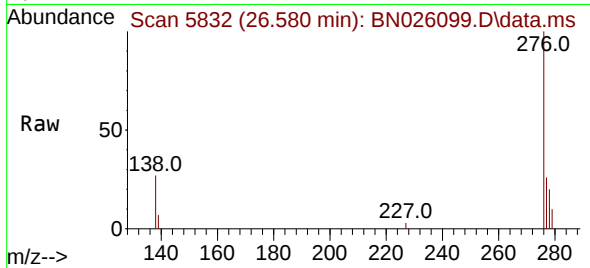
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.484 ng/ul
RT: 26.580 min Scan# 5832
Delta R.T. -0.014 min
Lab File: BN026099.D
Acq: 29 Jun 2023 17:53

Instrument :

BNA_N

ClientSampleId :

DCFT8DL

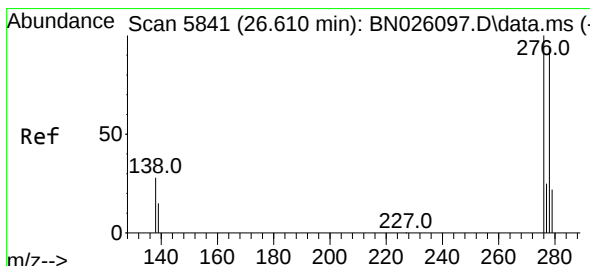
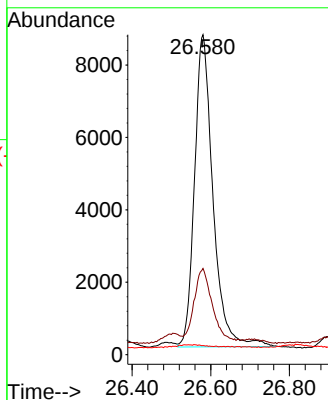
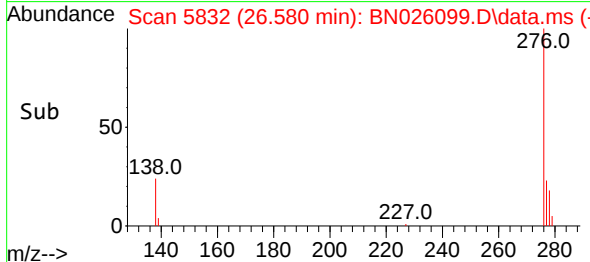


Tgt Ion:276 Resp: 28060
Ion Ratio Lower Upper
276 100
138 22.7 24.5 36.7#
227 0.0 0.0 0.0

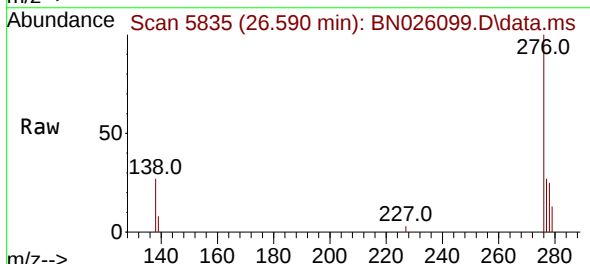
Manual Integrations

APPROVED

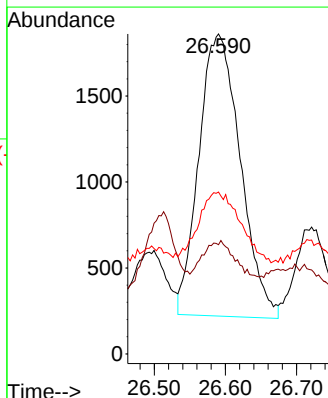
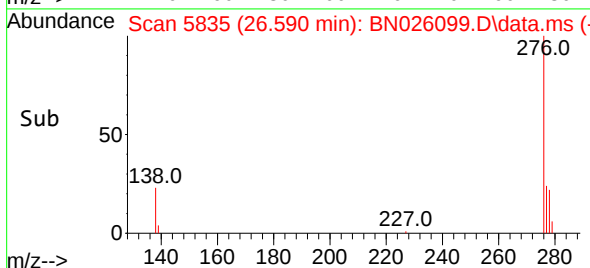
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

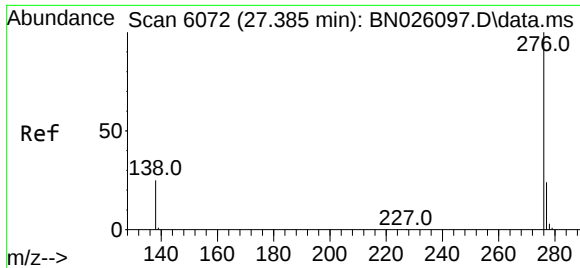


#28
Dibenzo(a,h)anthracene
Concen: 0.151 ng/ul
RT: 26.590 min Scan# 5835
Delta R.T. -0.024 min
Lab File: BN026099.D
Acq: 29 Jun 2023 17:53



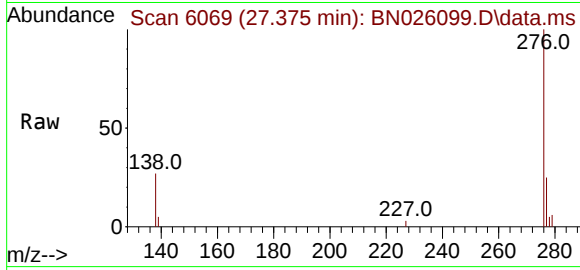
Tgt Ion:278 Resp: 6636
Ion Ratio Lower Upper
278 100
139 34.1 19.0 28.4#
279 50.6 26.7 40.1#





#29
 Benzo(g,h,i)perylene
 Concen: 0.520 ng/ul
 RT: 27.375 min Scan# 60
 Delta R.T. -0.011 min
 Lab File: BN026099.D
 Acq: 29 Jun 2023 17:53

Instrument :
 BNA_N
 ClientSampleId :
 DCFT8DL



Tgt Ion:	276	Resp:	2681
Ion Ratio	Lower	Upper	
276	100		
138	26.9	23.4	35.0
277	25.3	20.0	30.0

Manual Integrations
 APPROVED

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

