

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072223\
 Data File : BN026653.D
 Acq On : 22 Jul 2023 14:15
 Operator : MA/JU
 Sample : 03472-24DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46R5DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/24/2023
 Supervised By :mohammad ahmed 07/24/2023

Quant Time: Jul 22 22:59:19 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 21 19:02:16 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.831	152	3018	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.630	136	10795	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.471	164	6399	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.214	188	13719	0.400	ng/ul	0.00
17) Chrysene-d12	21.413	240	8225	0.400	ng/ul	-0.01
23) Perylene-d12	23.784	264	8721	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.203	96	1029	0.259	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.225	152	854	0.058	ng/ul	-0.02
18) Fluoranthene-d10	19.245	212	1965	0.069	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.679	128	17076	0.576	ng/ul	99
7) 2-Methylnaphthalene	12.302	142	6164	0.366	ng/ul	100
8) 1-Methylnaphthalene	12.516	142	4960	0.275	ng/ul	99
10) Acenaphthylene	14.189	152	3783	0.121	ng/ul#	92
11) Acenaphthene	14.531	153	19582	0.820	ng/ul	99
12) Fluorene	15.521	166	25614	1.023	ng/ul	99
15) Phenanthrene	17.257	178	290018	6.638	ng/ul	97
16) Anthracene	17.350	178	43255	1.141	ng/ul	97
19) Fluoranthene	19.278	202	269337	6.986	ng/ul	99
20) Pyrene	19.640	202	74651	1.783	ng/ul	97
21) Benzo(a)anthracene	21.396	228	74411	2.462	ng/ul	98
22) Chrysene	21.448	228	68630	1.995	ng/ul	98
24) Benzo(b)fluoranthene	23.064	252	60429m	1.779	ng/ul	
25) Benzo(k)fluoranthene	23.105	252	30289m	0.851	ng/ul	
26) Benzo(a)pyrene	23.678	252	5768	0.191	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.240	276	7839	0.198	ng/ul#	47
28) Dibenzo(a,h)anthracene	26.243	278	7007	0.230	ng/ul#	90

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

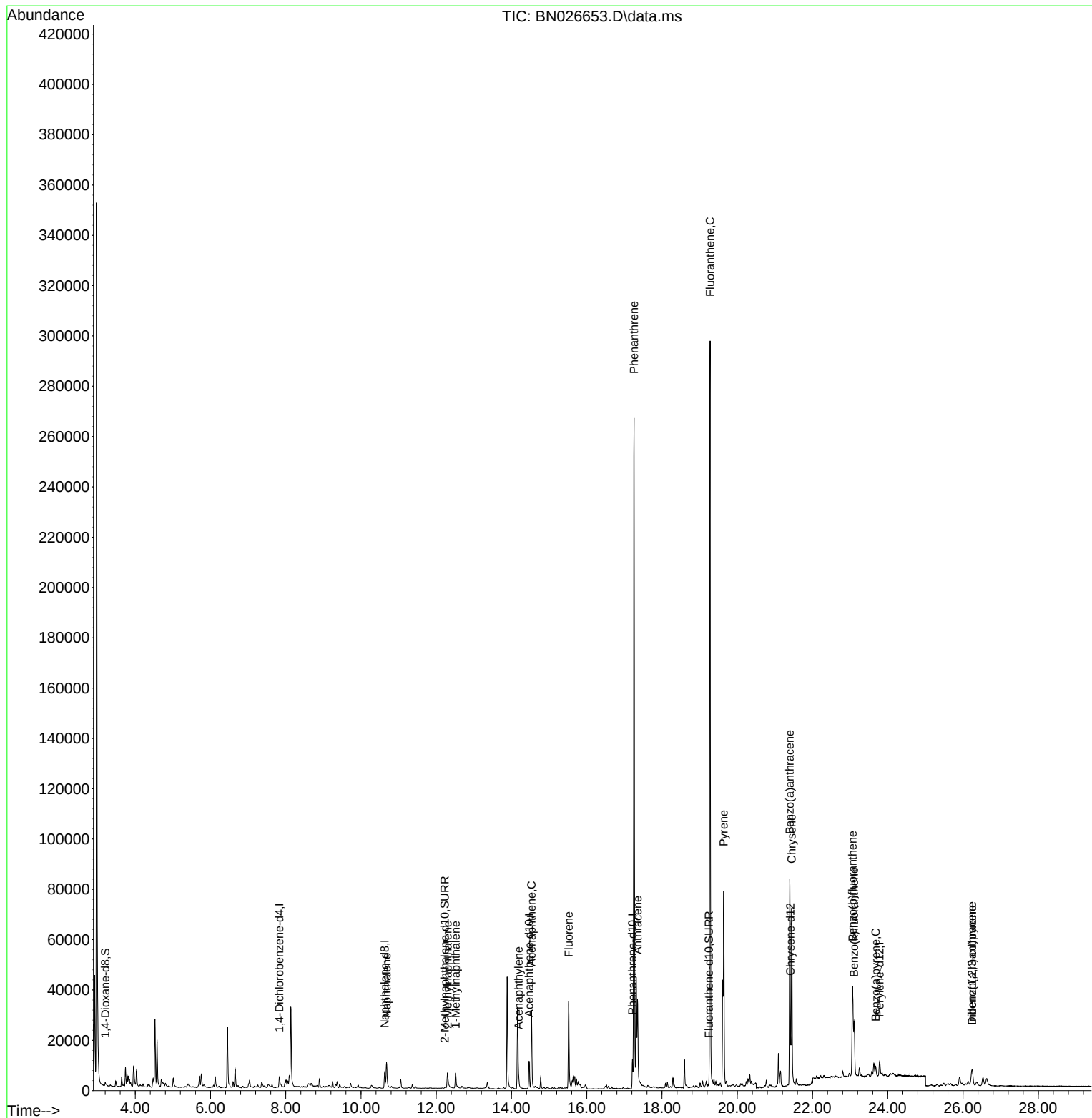
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072223\
Data File : BN026653.D
Acq On : 22 Jul 2023 14:15
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Sample : 03472-24DL 5X
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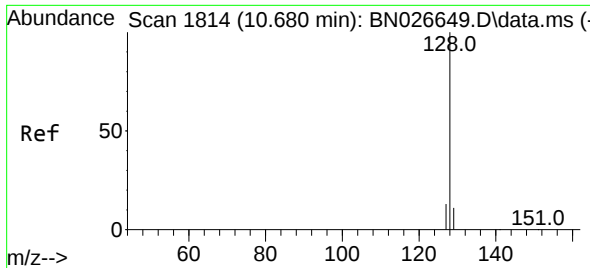
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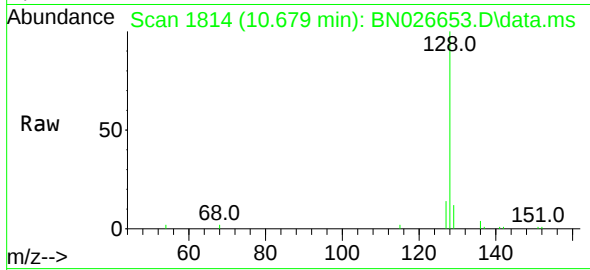
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 21 19:02:16 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.576 ng/ul
RT: 10.679 min Scan# 1814
Delta R.T. -0.011 min
Lab File: BN026653.D
Acq: 22 Jul 2023 14:15

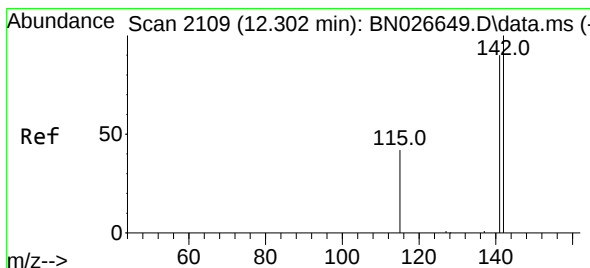
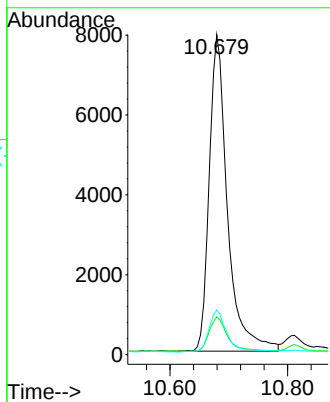
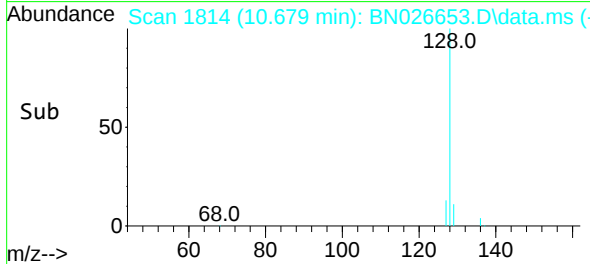
Instrument :
BNA_N
ClientSampleId :
A46R5DL



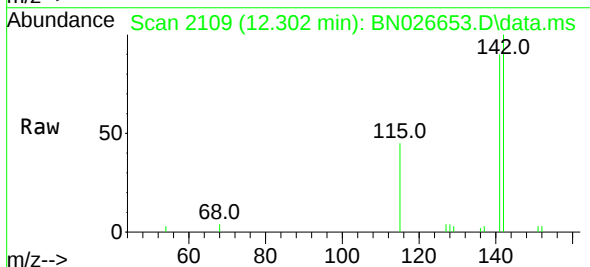
Tgt Ion:128 Resp: 17070
Ion Ratio Lower Upper
128 100
129 11.8 10.2 15.2
127 13.9 11.4 17.0

Manual Integrations
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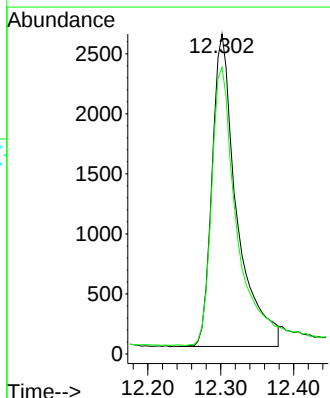
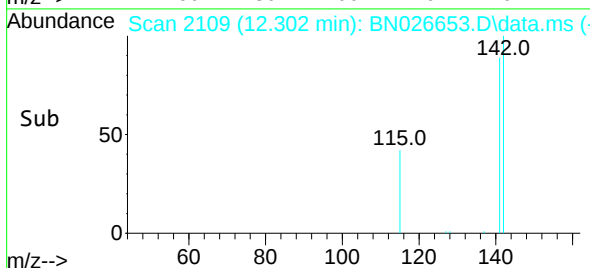
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

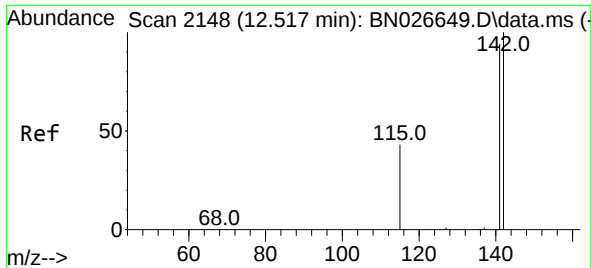


#7
2-Methylnaphthalene
Concen: 0.366 ng/ul
RT: 12.302 min Scan# 2109
Delta R.T. -0.011 min
Lab File: BN026653.D
Acq: 22 Jul 2023 14:15



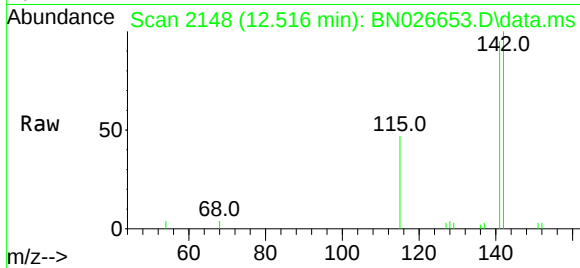
Tgt Ion:142 Resp: 6164
Ion Ratio Lower Upper
142 100
141 90.2 72.3 108.5





#8
1-Methylnaphthalene
Concen: 0.275 ng/ul
RT: 12.516 min Scan# 2148
Delta R.T. -0.006 min
Lab File: BN026653.D
Acq: 22 Jul 2023 14:15

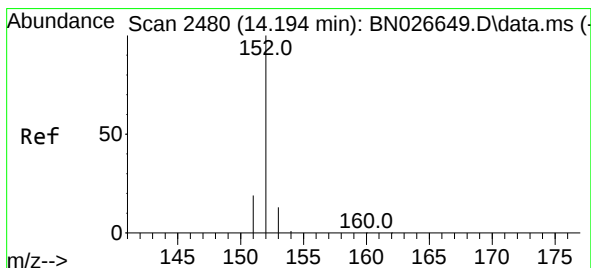
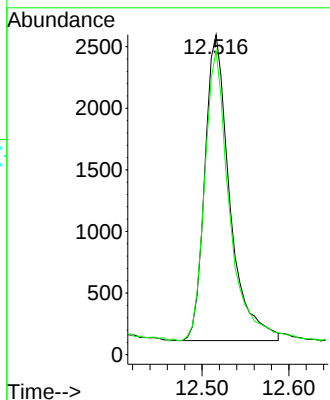
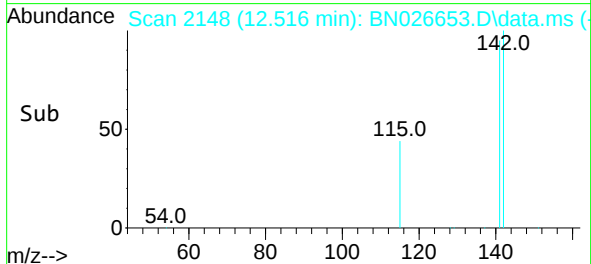
Instrument :
BNA_N
ClientSampleId :
A46R5DL



Tgt Ion:142 Resp: 4960
Ion Ratio Lower Upper
142 100
141 93.6 74.5 111.7

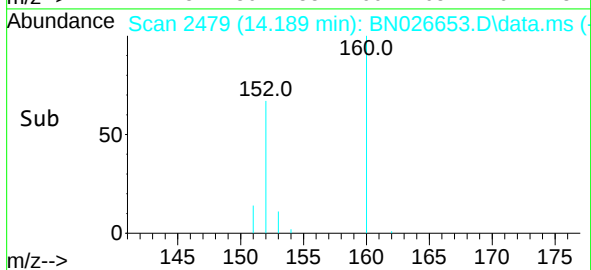
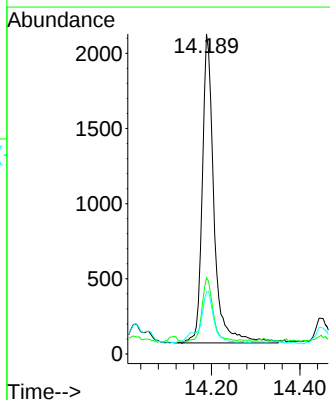
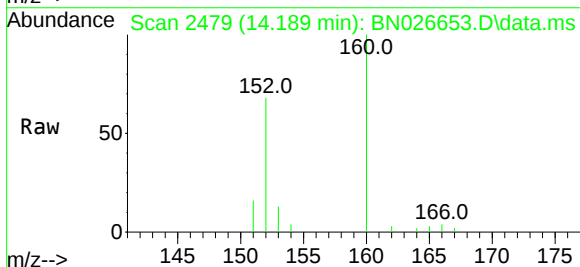
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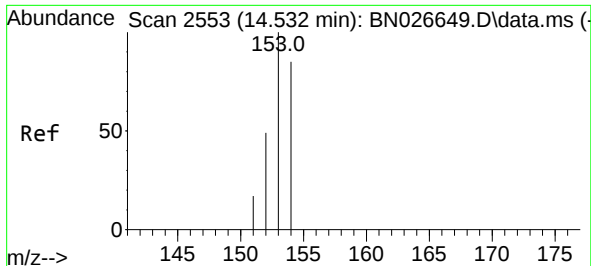
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#10
Acenaphthylene
Concen: 0.121 ng/ul
RT: 14.189 min Scan# 2479
Delta R.T. -0.010 min
Lab File: BN026653.D
Acq: 22 Jul 2023 14:15

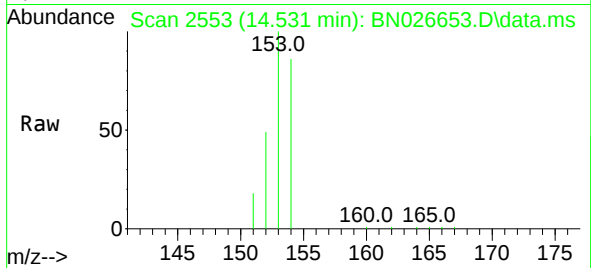
Tgt Ion:152 Resp: 3783
Ion Ratio Lower Upper
152 100
151 23.9 17.0 25.6
153 19.4 11.4 17.2#





#11
Acenaphthene
Concen: 0.820 ng/ul
RT: 14.531 min Scan# 2153
Delta R.T. -0.005 min
Lab File: BN026653.D
Acq: 22 Jul 2023 14:15

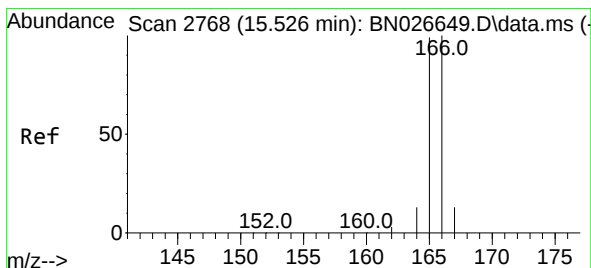
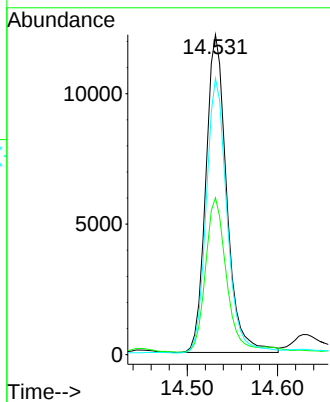
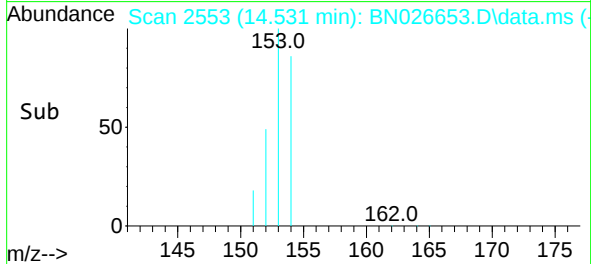
Instrument :
BNA_N
ClientSampleId :
A46R5DL



Tgt Ion:153 Resp: 19582
Ion Ratio Lower Upper
153 100
152 49.0 40.2 60.4
154 86.3 69.3 103.9

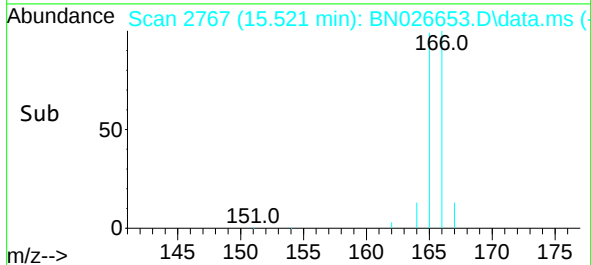
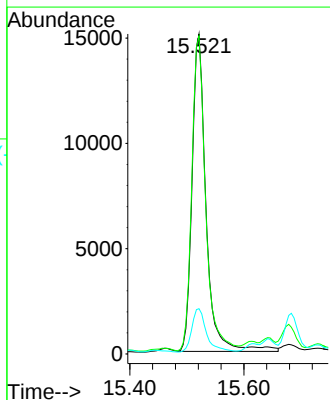
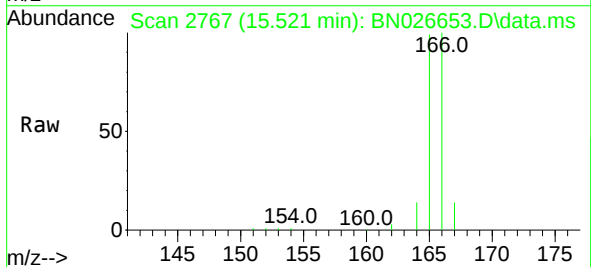
Manual Integrations
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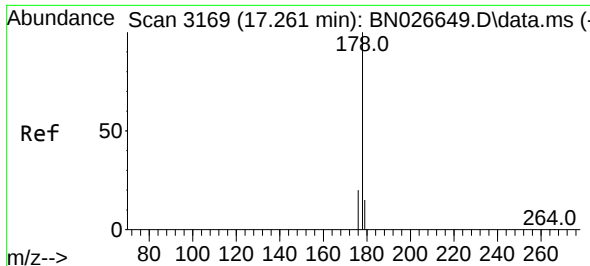
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#12
Fluorene
Concen: 1.023 ng/ul
RT: 15.521 min Scan# 2767
Delta R.T. -0.010 min
Lab File: BN026653.D
Acq: 22 Jul 2023 14:15

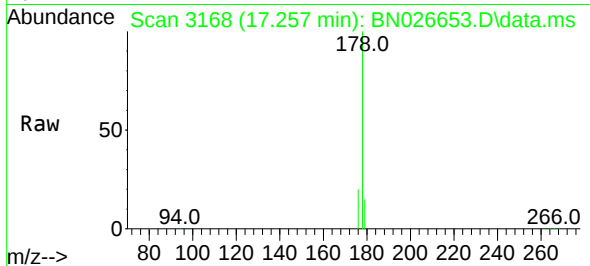
Tgt Ion:166 Resp: 25614
Ion Ratio Lower Upper
166 100
165 99.3 80.6 120.8
167 14.2 12.0 18.0





#15
Phenanthrene
Concen: 6.638 ng/u1
RT: 17.257 min Scan# 3168
Delta R.T. -0.009 min
Lab File: BN026653.D
Acq: 22 Jul 2023 14:15

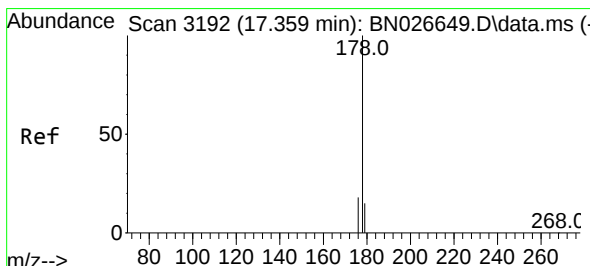
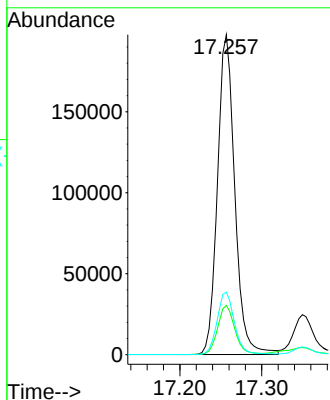
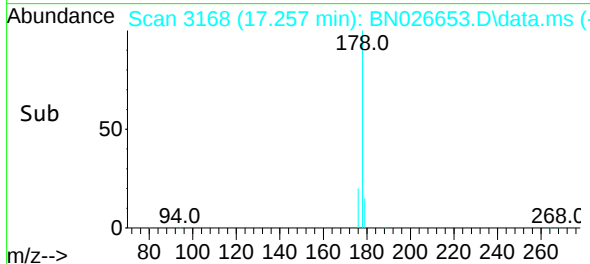
Instrument :
BNA_N
ClientSampleId :
A46R5DL



Tgt Ion:178 Resp: 290018
Ion Ratio Lower Upper
178 100
179 15.4 13.7 20.5
176 19.5 16.5 24.7

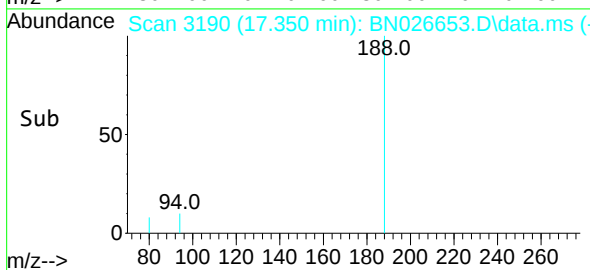
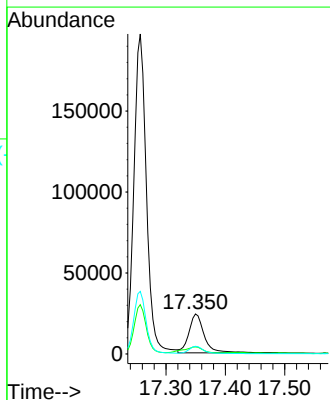
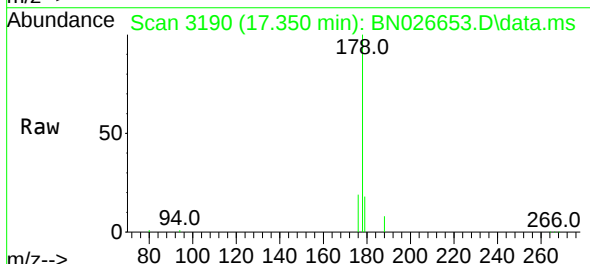
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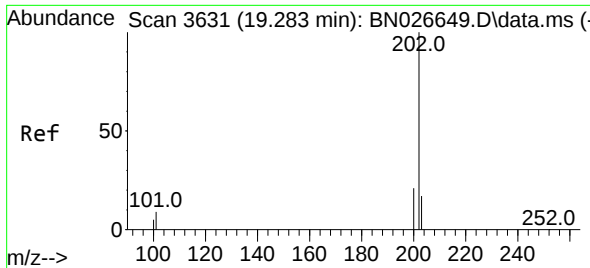
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#16
Anthracene
Concen: 1.141 ng/u1
RT: 17.350 min Scan# 3190
Delta R.T. -0.013 min
Lab File: BN026653.D
Acq: 22 Jul 2023 14:15

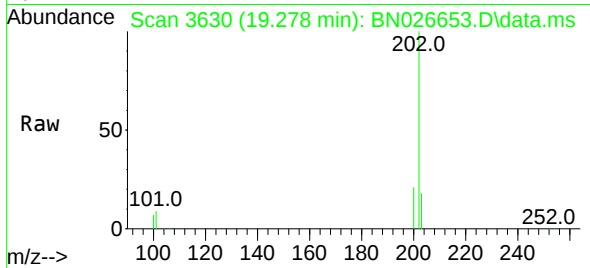
Tgt Ion:178 Resp: 43255
Ion Ratio Lower Upper
178 100
179 17.7 14.8 22.2
176 19.1 16.6 25.0





#19
Fluoranthene
Concen: 6.986 ng/u1
RT: 19.278 min Scan# 3631
Delta R.T. -0.005 min
Lab File: BN026653.D
Acq: 22 Jul 2023 14:15

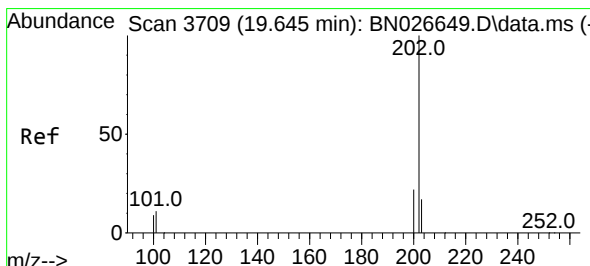
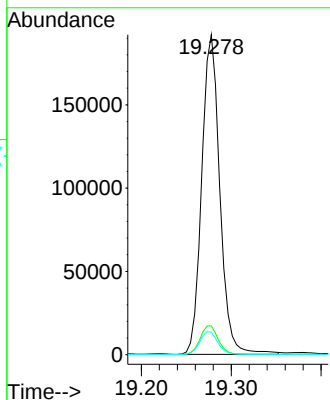
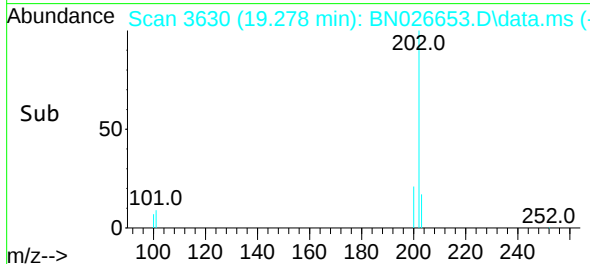
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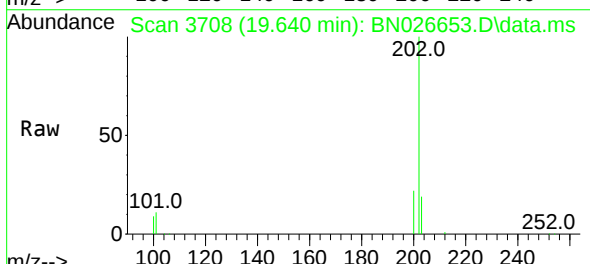
Tgt Ion:202 Resp: 26933
Ion Ratio Lower Upper
202 100
101 9.0 7.0 10.4
100 7.0 6.0 9.0

Manual Integrations
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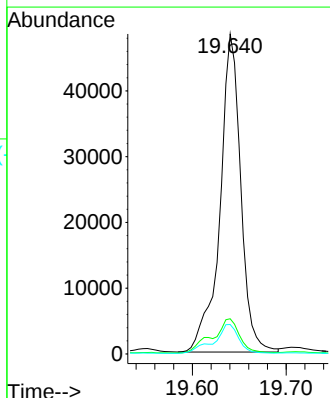
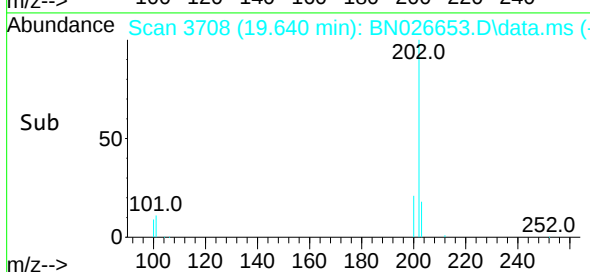
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

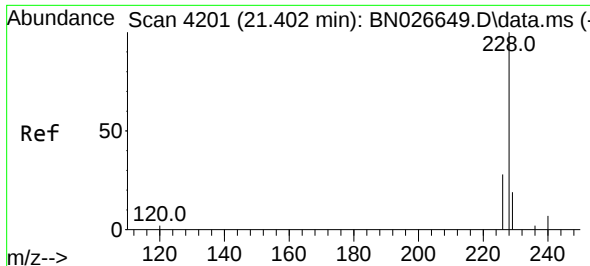


#20
Pyrene
Concen: 1.783 ng/u1
RT: 19.640 min Scan# 3708
Delta R.T. -0.005 min
Lab File: BN026653.D
Acq: 22 Jul 2023 14:15



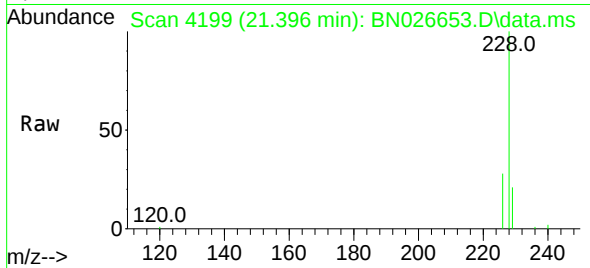
Tgt Ion:202 Resp: 74651
Ion Ratio Lower Upper
202 100
101 11.0 8.0 12.0
100 9.2 6.2 9.2





#21
Benzo(a)anthracene
Concen: 2.462 ng/u1
RT: 21.396 min Scan# 41199
Delta R.T. -0.015 min
Lab File: BN026653.D
Acq: 22 Jul 2023 14:15

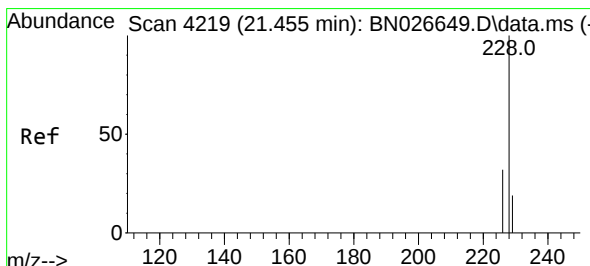
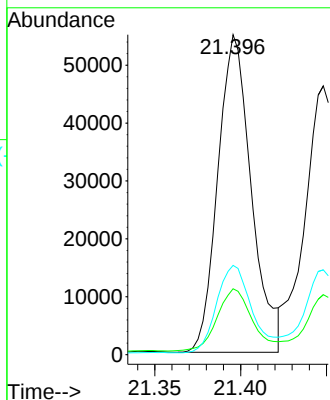
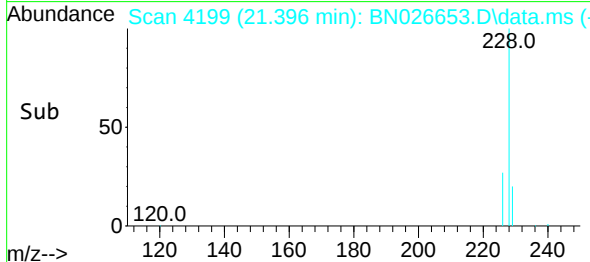
Instrument :
BNA_N
ClientSampleId :
A46R5DL



Tgt Ion:228 Resp: 7441
Ion Ratio Lower Upper
228 100
229 20.6 16.7 25.1
226 27.9 23.5 35.3

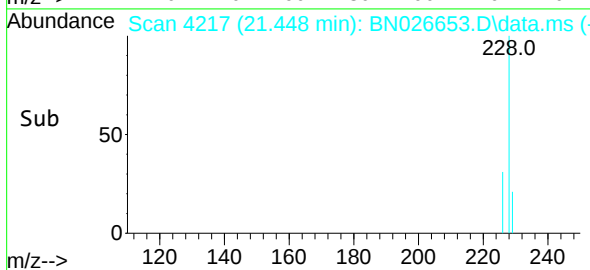
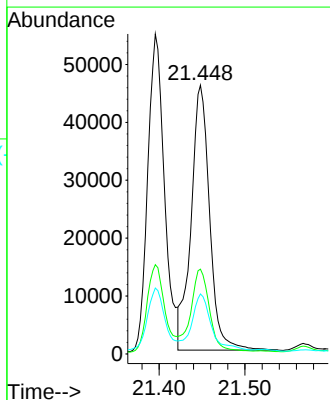
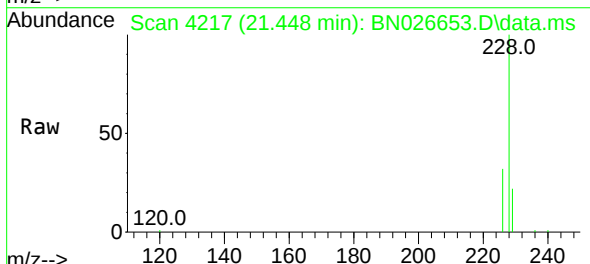
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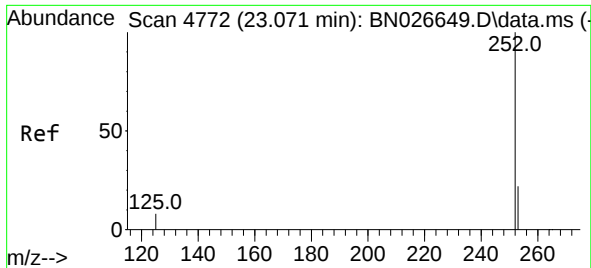
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#22
Chrysene
Concen: 1.995 ng/u1
RT: 21.448 min Scan# 4217
Delta R.T. -0.015 min
Lab File: BN026653.D
Acq: 22 Jul 2023 14:15

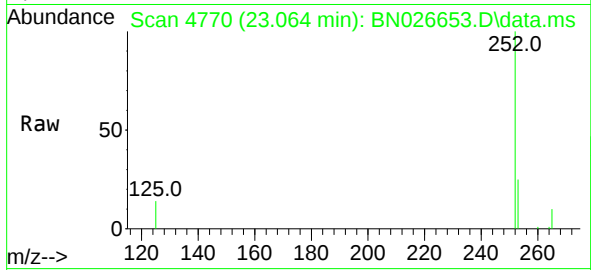
Tgt Ion:228 Resp: 68630
Ion Ratio Lower Upper
228 100
226 31.5 25.2 37.8
229 22.3 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 1.779 ng/ul m
RT: 23.064 min Scan# 4770
Delta R.T. -0.015 min
Lab File: BN026653.D
Acq: 22 Jul 2023 14:15

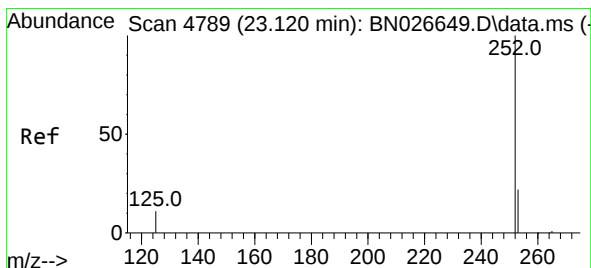
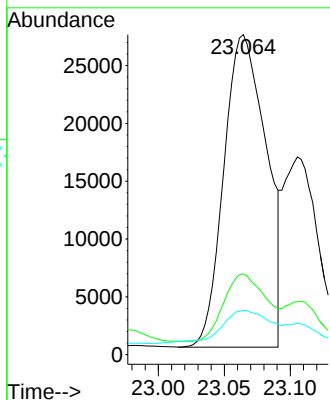
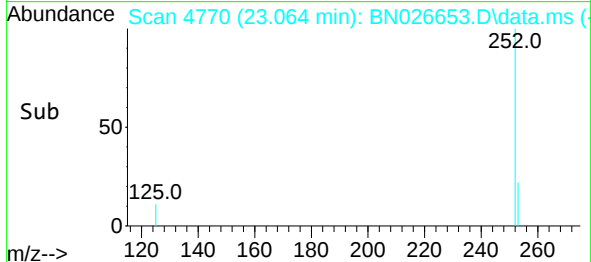
Instrument :
BNA_N
ClientSampleId :
A46R5DL



Tgt Ion:252 Resp: 60429
Ion Ratio Lower Upper
252 100
253 25.2 0.0 68.6
125 13.9 0.0 34.0

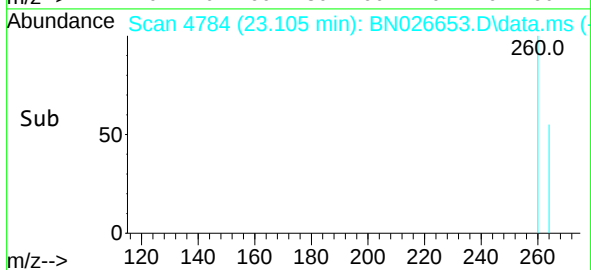
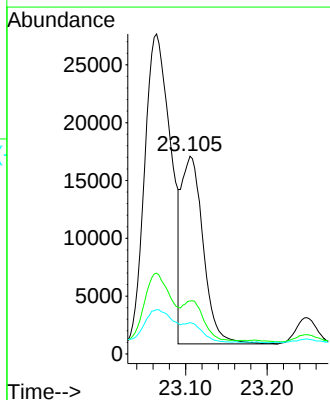
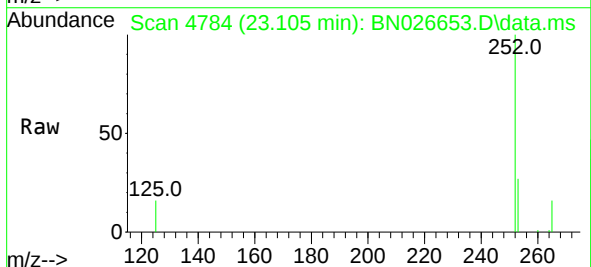
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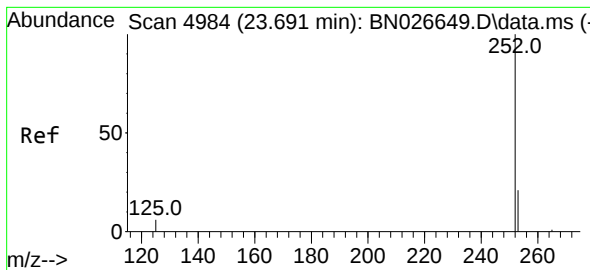
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#25
Benzo(k)fluoranthene
Concen: 0.851 ng/ul m
RT: 23.105 min Scan# 4784
Delta R.T. -0.024 min
Lab File: BN026653.D
Acq: 22 Jul 2023 14:15

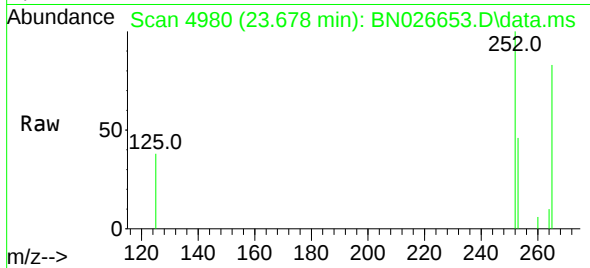
Tgt Ion:252 Resp: 30289
Ion Ratio Lower Upper
252 100
253 26.8 27.2 40.8#
125 15.9 13.4 20.2





#26
Benzo(a)pyrene
Concen: 0.191 ng/ul
RT: 23.678 min Scan# 4984
Delta R.T. -0.018 min
Lab File: BN026653.D
Acq: 22 Jul 2023 14:15

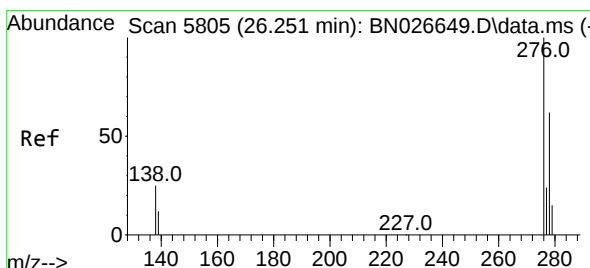
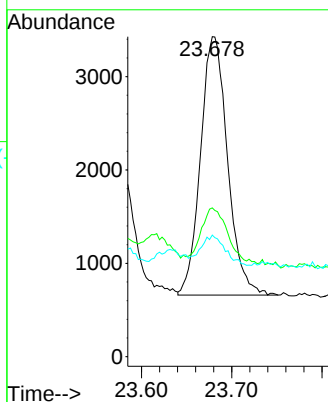
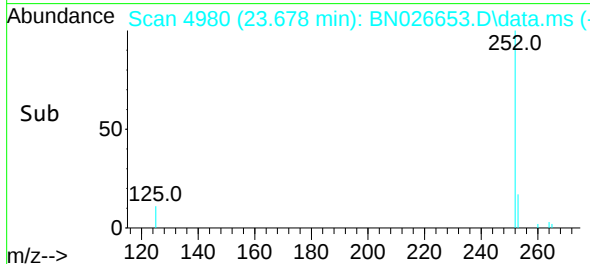
Instrument :
BNA_N
ClientSampleId :
A46R5DL



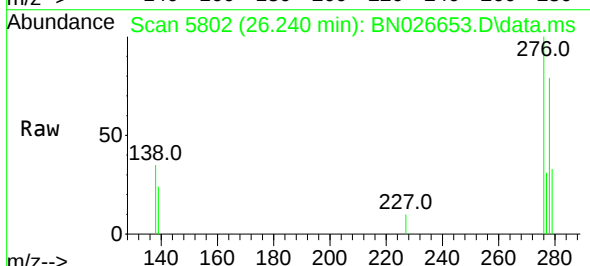
Tgt Ion:252 Resp: 5768
Ion Ratio Lower Upper
252 100
253 46.5 32.6 49.0
125 38.0 19.3 28.9

Manual Integrations
APPROVED

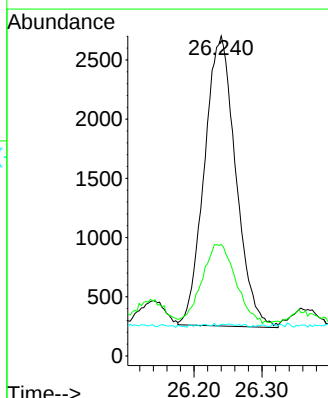
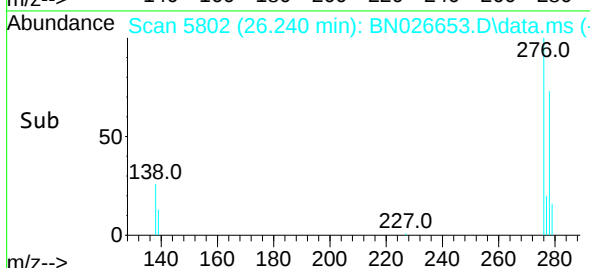
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

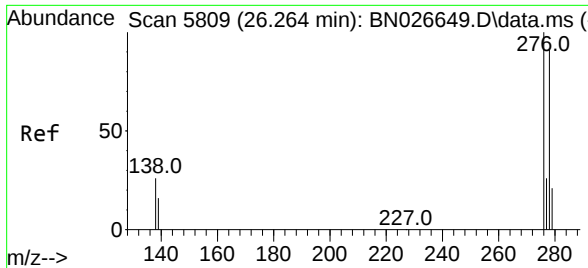


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.198 ng/ul
RT: 26.240 min Scan# 5802
Delta R.T. -0.018 min
Lab File: BN026653.D
Acq: 22 Jul 2023 14:15



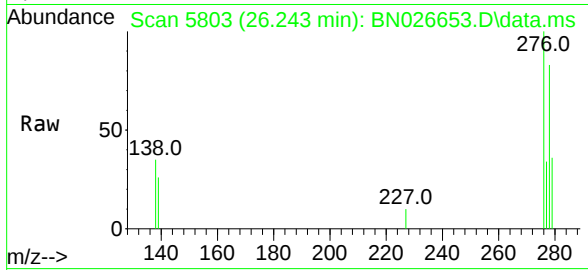
Tgt Ion:276 Resp: 7839
Ion Ratio Lower Upper
276 100
138 0.0 22.2 33.4#
227 0.6 0.1 0.1#





#28
 Dibenzo(a,h)anthracene
 Concen: 0.230 ng/ul
 RT: 26.243 min Scan# 51
 Delta R.T. -0.031 min
 Lab File: BN026653.D
 Acq: 22 Jul 2023 14:15

Instrument :
 BNA_N
 ClientSampleId :
 A46R5DL



Tgt Ion: 278 Resp: 700

Ion	Ratio	Lower	Upper
278	100		
139	31.3	18.9	28.3
279	43.4	31.3	46.9

Manual Integrations
 APPROVED

Reviewed By : Yogesh Patel 07/24/2023
 Supervised By : mohammad ahmed 07/24/2023

