

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071823\
 Data File : BN026566.D
 Acq On : 18 Jul 2023 16:08
 Operator : MA/JU
 Sample : 03458-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46M1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023

Quant Time: Jul 19 00:17:25 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 : Wed Jul 19 00:15:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.925	152	2975	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.736	136	9284	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.574	164	6209	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.325	188	14904	0.400	ng/ul	0.00
17) Chrysene-d12	21.522	240	14613	0.400	ng/ul	#-0.01
23) Perylene-d12	23.960	264	13189	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.285	96	6055	1.545	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.331	152	1701	0.135	ng/ul	-0.01
18) Fluoranthene-d10	19.358	212	5679	0.112	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.785	128	9093	0.357	ng/ul	100
7) 2-Methylnaphthalene	12.408	142	3174	0.219	ng/ul	99
8) 1-Methylnaphthalene	12.622	142	2712	0.175	ng/ul	98
10) Acenaphthylene	14.292	152	1878	0.062	ng/ul#	69
11) Acenaphthene	14.635	153	22634	0.977	ng/ul	99
12) Fluorene	15.625	166	23782	0.979	ng/ul	99
15) Phenanthrene	17.363	178	404728	8.527	ng/ul	97
16) Anthracene	17.456	178	39870	0.968	ng/ul	97
19) Fluoranthene	19.386	202	416854	6.086	ng/ul#	96
20) Pyrene	19.748	202	362339	4.871	ng/ul	97
21) Benzo(a)anthracene	21.508	228	175361	3.266	ng/ul	98
22) Chrysene	21.560	228	204402	3.344	ng/ul	99
24) Benzo(b)fluoranthene	23.218	252	149724m	2.914	ng/ul	
25) Benzo(k)fluoranthene	23.258	252	57382m	1.065	ng/ul	
26) Benzo(a)pyrene	23.849	252	37380	0.817	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	26.490	276	32093	0.535	ng/ul#	78
28) Dibenzo(a,h)anthracene	26.503	278	13587	0.295	ng/ul#	95
29) Benzo(g,h,i)perylene	27.285	276	1970	0.037	ng/ul#	61

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

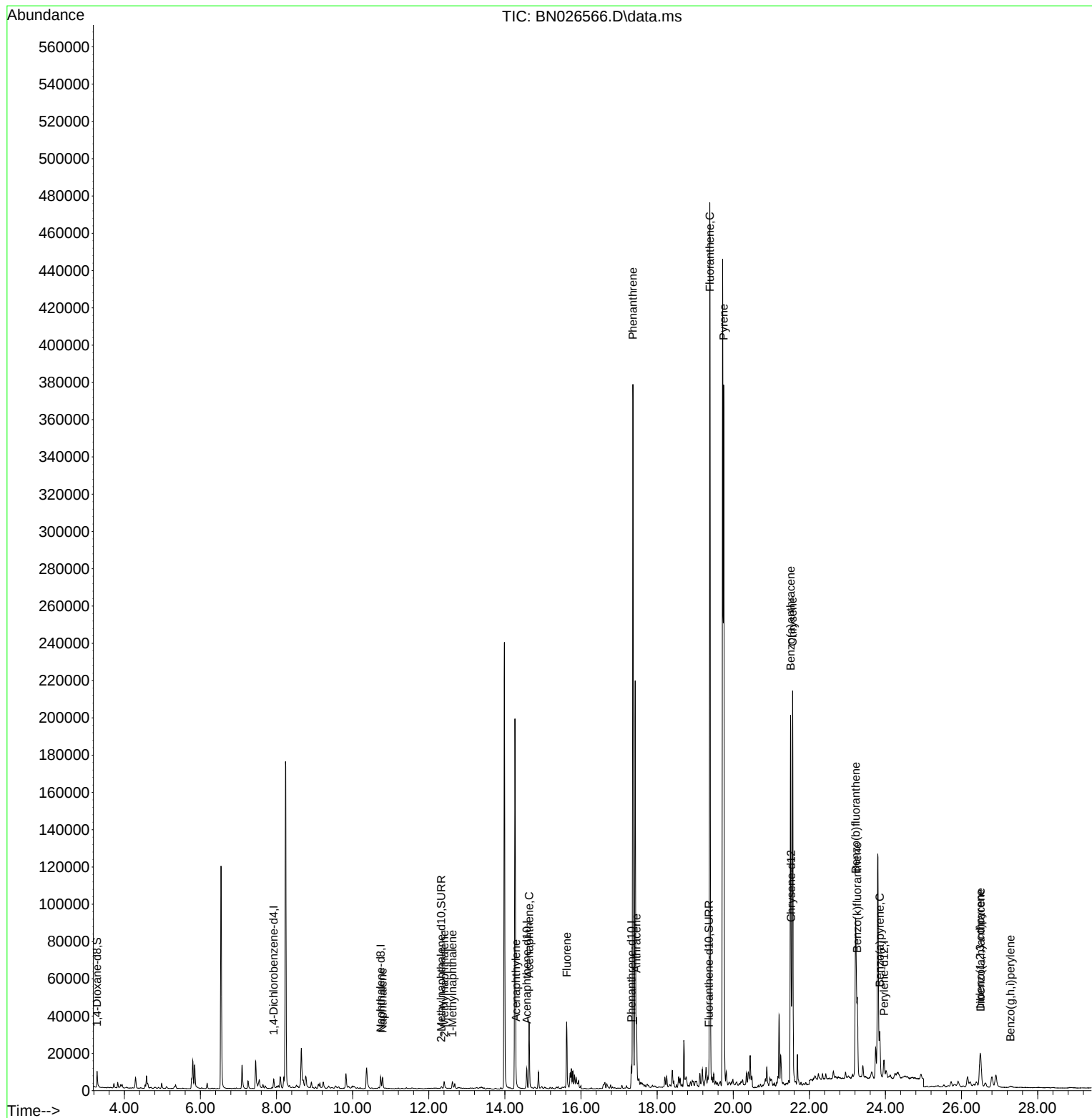
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071823\
Data File : BN026566.D
Acq On : 18 Jul 2023 16:08
Operator : MA/JU
Sample : 03458-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

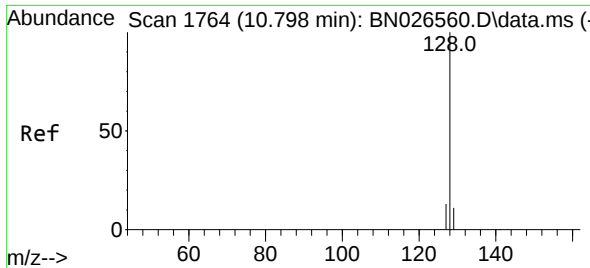
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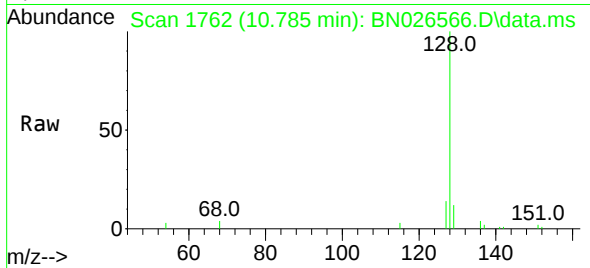
Quant Time: Jul 19 00:17:25 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 19 00:15:47 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.357 ng/ul
RT: 10.785 min Scan# 1762
Delta R.T. -0.012 min
Lab File: BN026566.D
Acq: 18 Jul 2023 16:08

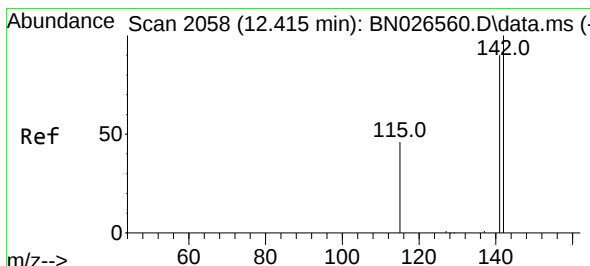
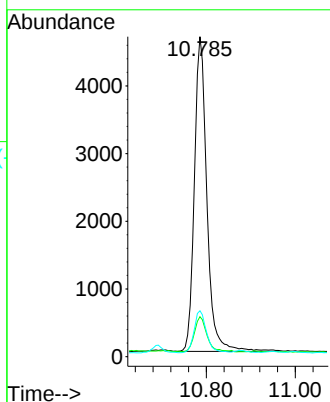
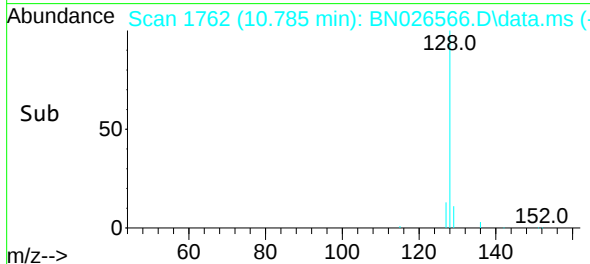
Instrument :
BNA_N
ClientSampleId :
A46M1



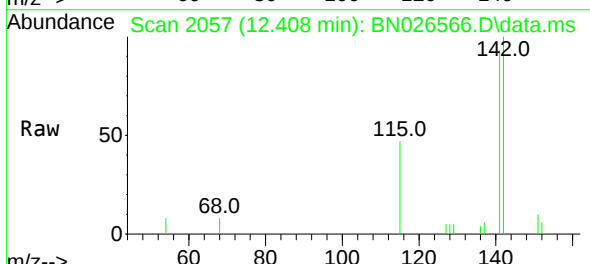
Tgt Ion:128 Resp: 909
Ion Ratio Lower Upper
128 100
129 12.5 10.2 15.2
127 14.3 11.4 17.0

Manual Integrations
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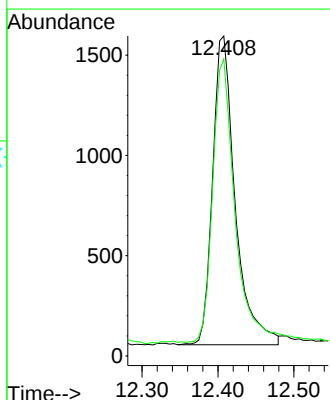
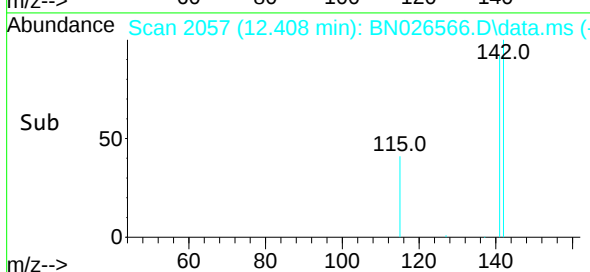
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

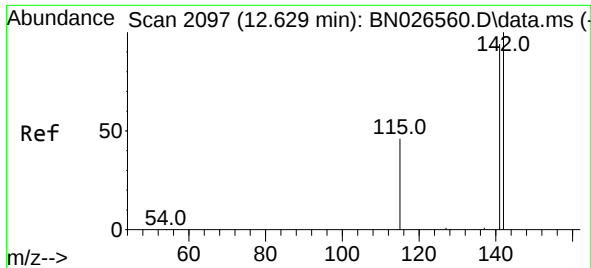


#7
2-Methylnaphthalene
Concen: 0.219 ng/ul
RT: 12.408 min Scan# 2057
Delta R.T. -0.007 min
Lab File: BN026566.D
Acq: 18 Jul 2023 16:08



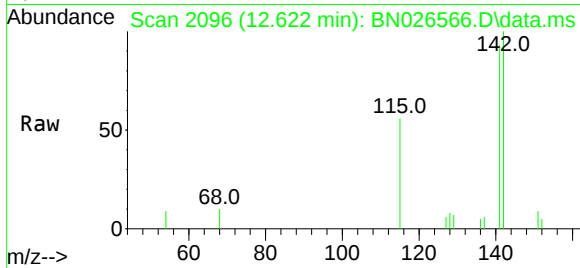
Tgt Ion:142 Resp: 3174
Ion Ratio Lower Upper
142 100
141 89.9 72.3 108.5





#8
1-Methylnaphthalene
Concen: 0.175 ng/ul
RT: 12.622 min Scan# 2096
Delta R.T. -0.007 min
Lab File: BN026566.D
Acq: 18 Jul 2023 16:08

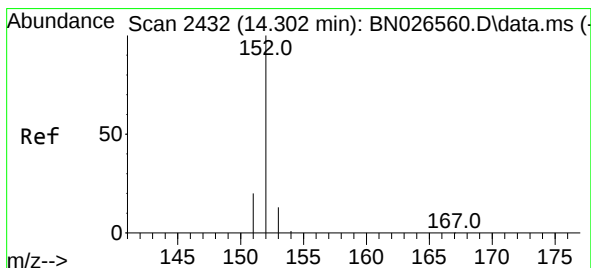
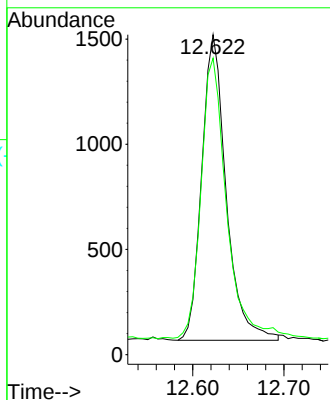
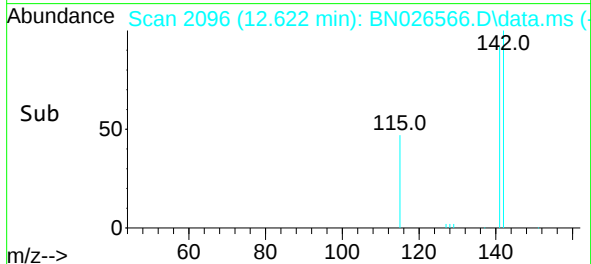
Instrument : BNA_N
ClientSampleId : A46M1



Tgt Ion:142 Resp: 271
Ion Ratio Lower Upper
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141 95.2 74.5 111.7

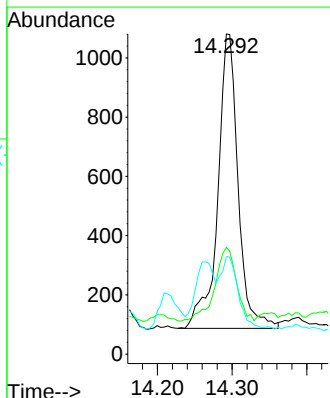
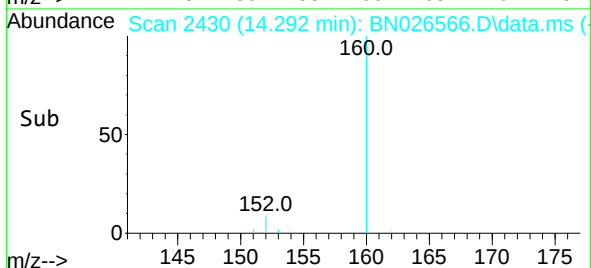
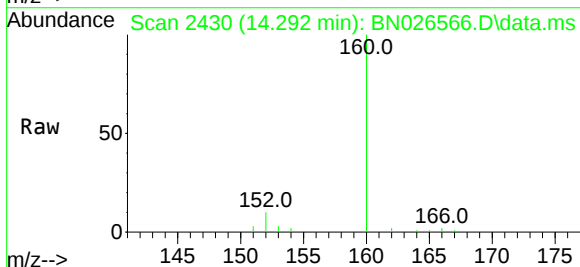
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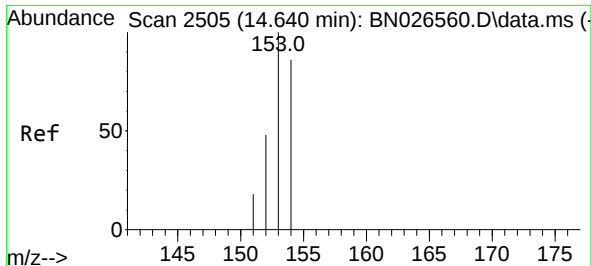
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#10
Acenaphthylene
Concen: 0.062 ng/ul
RT: 14.292 min Scan# 2430
Delta R.T. -0.010 min
Lab File: BN026566.D
Acq: 18 Jul 2023 16:08

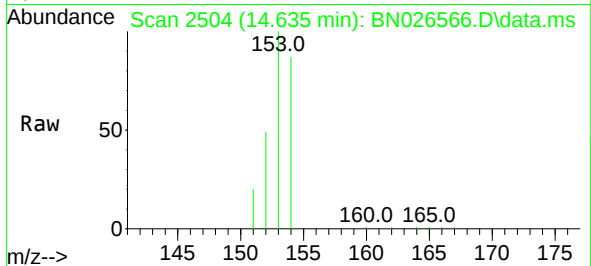
Tgt Ion:152 Resp: 1878
Ion Ratio Lower Upper
152 100
151 33.3 17.0 25.6#
153 30.4 11.4 17.2#





#11
Acenaphthene
Concen: 0.977 ng/ul
RT: 14.635 min Scan# 2118
Delta R.T. -0.005 min
Lab File: BN026566.D
Acq: 18 Jul 2023 16:08

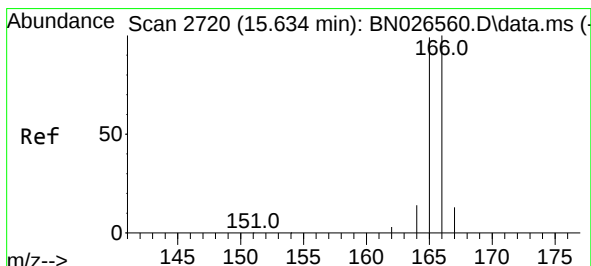
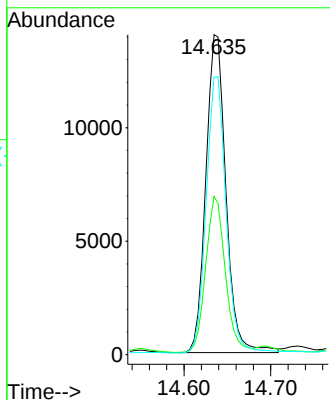
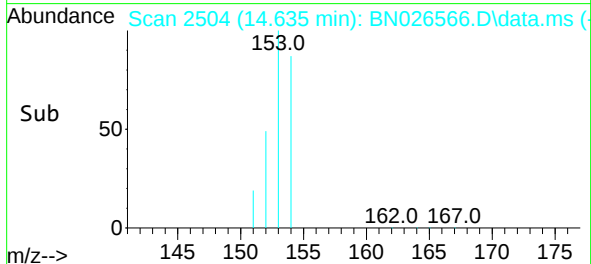
Instrument :
BNA_N
ClientSampleId :
A46M1



Tgt Ion:153 Resp: 22634
Ion Ratio Lower Upper
153 100
152 49.4 40.2 60.4
154 86.7 69.3 103.9

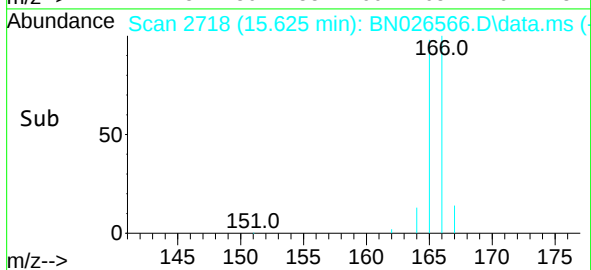
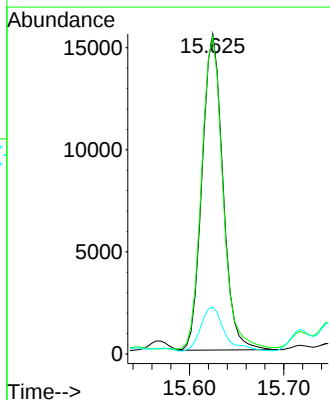
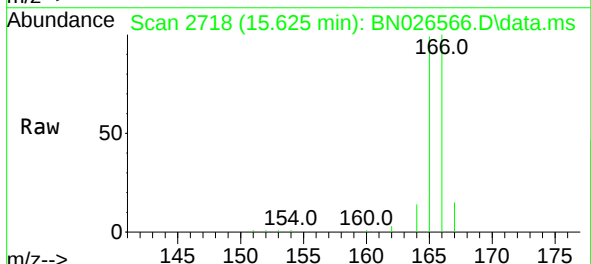
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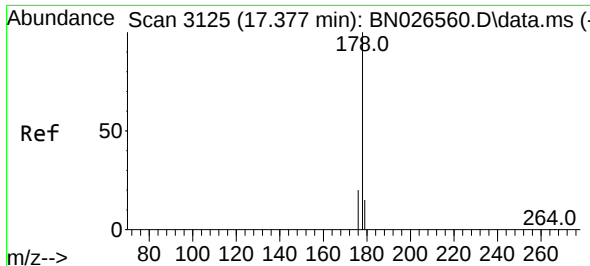
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#12
Fluorene
Concen: 0.979 ng/ul
RT: 15.625 min Scan# 2718
Delta R.T. -0.010 min
Lab File: BN026566.D
Acq: 18 Jul 2023 16:08

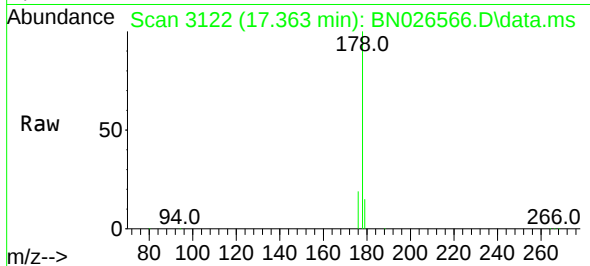
Tgt Ion:166 Resp: 23782
Ion Ratio Lower Upper
166 100
165 99.1 80.6 120.8
167 14.7 12.0 18.0





#15
Phenanthrene
Concen: 8.527 ng/u1
RT: 17.363 min Scan# 3122
Delta R.T. -0.013 min
Lab File: BN026566.D
Acq: 18 Jul 2023 16:08

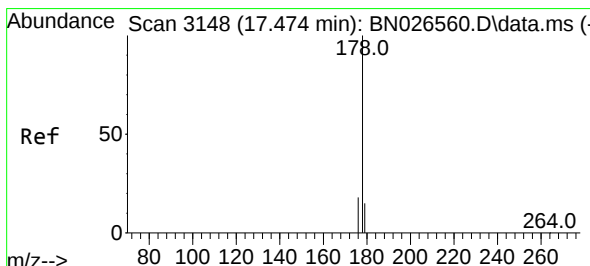
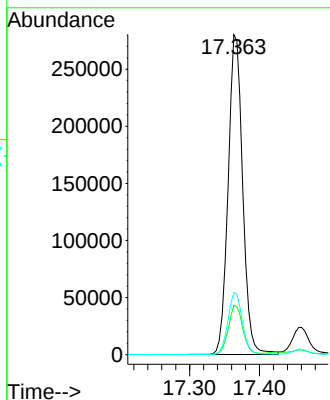
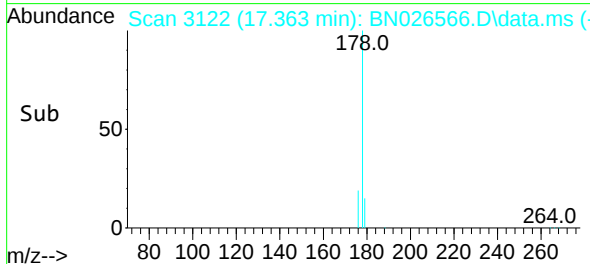
Instrument :
BNA_N
ClientSampleId :
A46M1



Tgt Ion:178 Resp: 404728
Ion Ratio Lower Upper
178 100
179 15.4 13.7 20.5
176 19.5 16.5 24.7

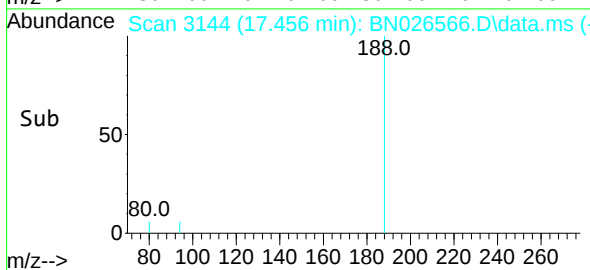
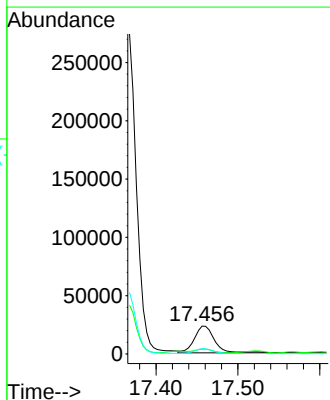
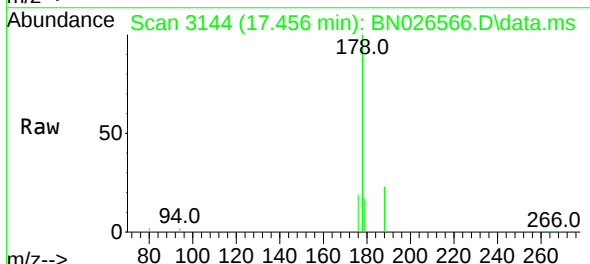
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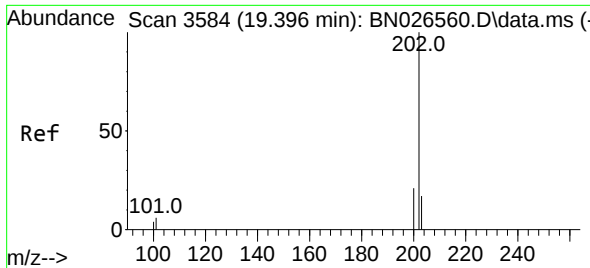
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#16
Anthracene
Concen: 0.968 ng/u1
RT: 17.456 min Scan# 3144
Delta R.T. -0.017 min
Lab File: BN026566.D
Acq: 18 Jul 2023 16:08

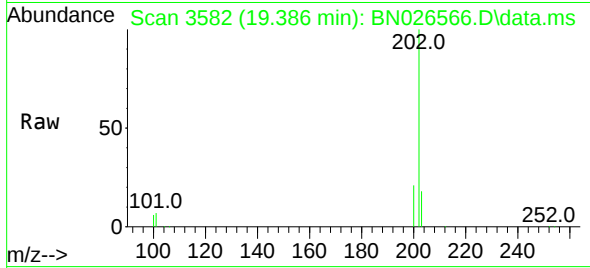
Tgt Ion:178 Resp: 39870
Ion Ratio Lower Upper
178 100
179 17.4 14.8 22.2
176 19.1 16.6 25.0





#19
Fluoranthene
Concen: 6.086 ng/u1
RT: 19.386 min Scan# 31
Delta R.T. -0.010 min
Lab File: BN026566.D
Acq: 18 Jul 2023 16:08

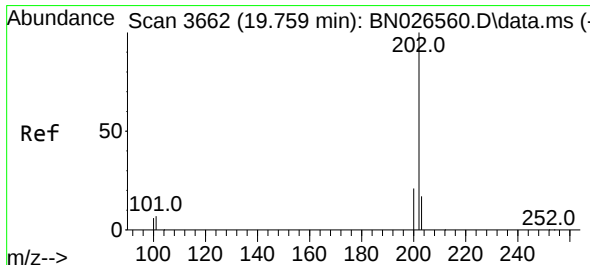
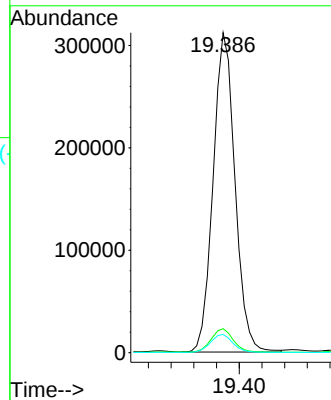
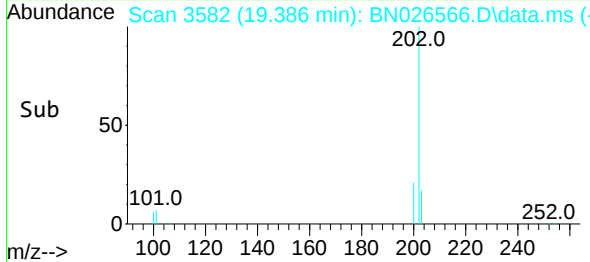
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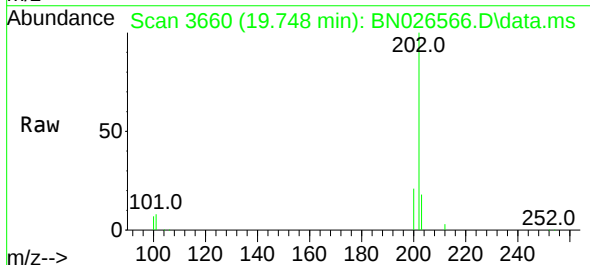
Tgt Ion:202 Resp: 416854
Ion Ratio Lower Upper
202 100
101 7.5 7.0 10.4
100 5.7 6.0 9.0

Manual Integrations
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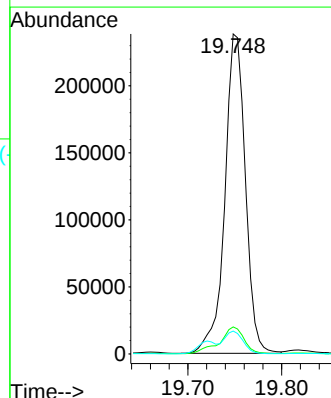
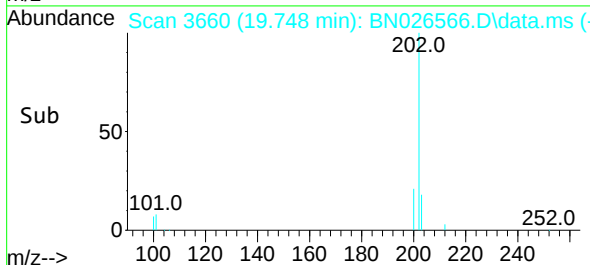
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

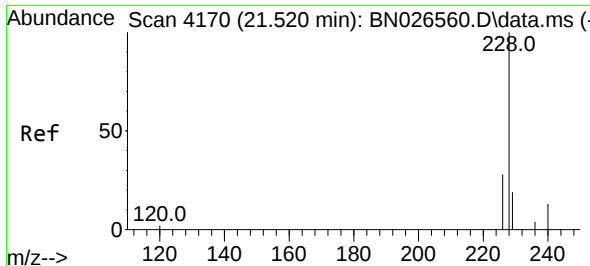


#20
Pyrene
Concen: 4.871 ng/u1
RT: 19.748 min Scan# 3660
Delta R.T. -0.010 min
Lab File: BN026566.D
Acq: 18 Jul 2023 16:08



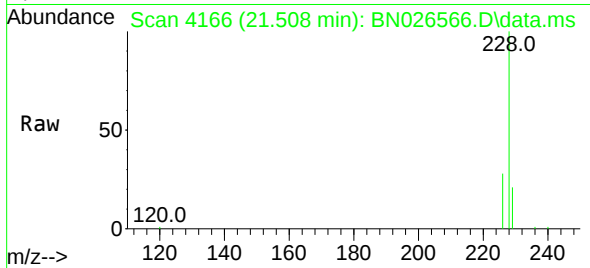
Tgt Ion:202 Resp: 362339
Ion Ratio Lower Upper
202 100
101 8.4 8.0 12.0
100 7.2 6.2 9.2





#21
Benzo(a)anthracene
Concen: 3.266 ng/u1
RT: 21.508 min Scan# 4166
Delta R.T. -0.013 min
Lab File: BN026566.D
Acq: 18 Jul 2023 16:08

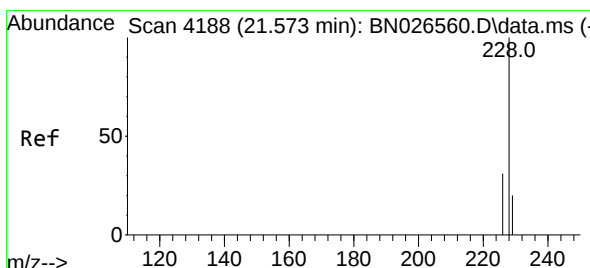
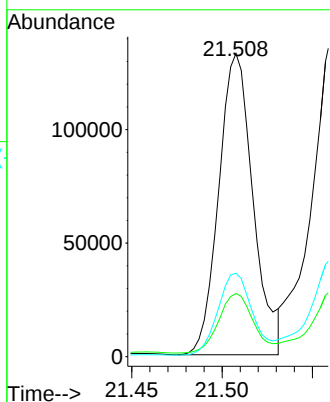
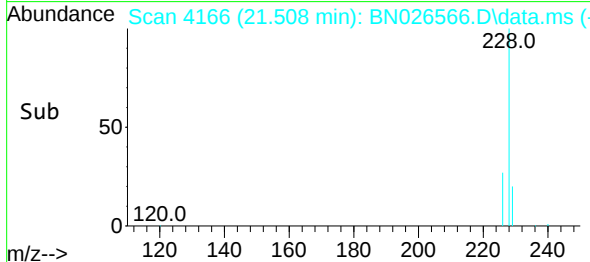
Instrument :
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Tgt Ion:228 Resp: 17536
Ion Ratio Lower Upper
228 100
229 20.8 16.7 25.1
226 27.5 23.5 35.3

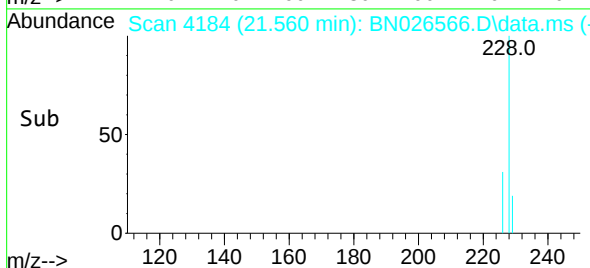
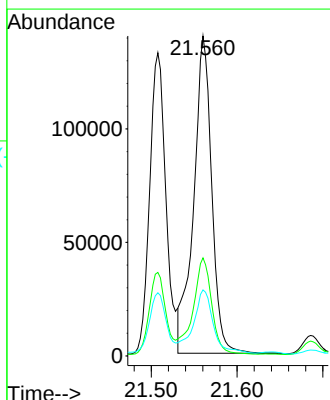
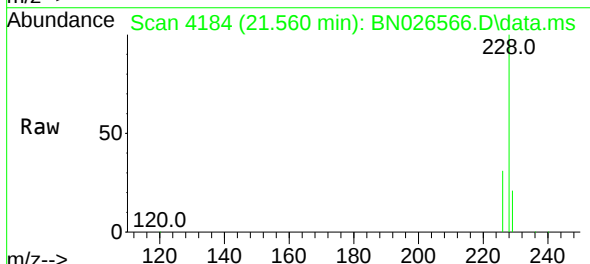
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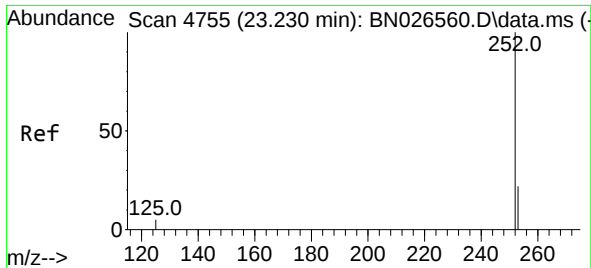
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#22
Chrysene
Concen: 3.344 ng/u1
RT: 21.560 min Scan# 4184
Delta R.T. -0.013 min
Lab File: BN026566.D
Acq: 18 Jul 2023 16:08

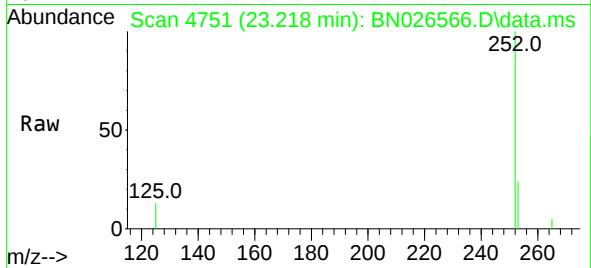
Tgt Ion:228 Resp: 204402
Ion Ratio Lower Upper
228 100
226 30.7 25.2 37.8
229 20.6 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 2.914 ng/ul m
RT: 23.218 min Scan# 4751
Delta R.T. -0.013 min
Lab File: BN026566.D
Acq: 18 Jul 2023 16:08

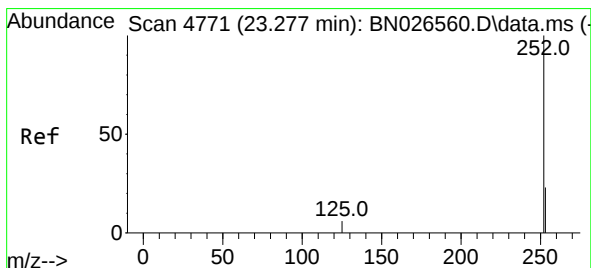
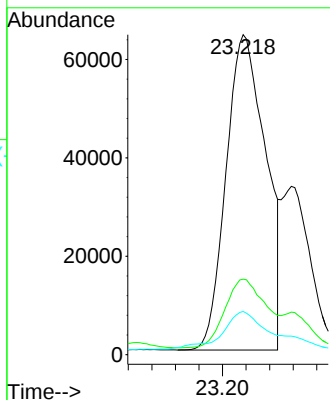
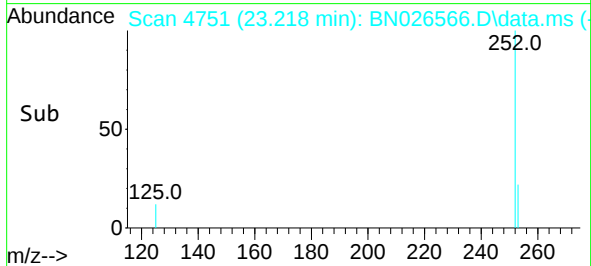
Instrument :
BNA_N
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A46M1



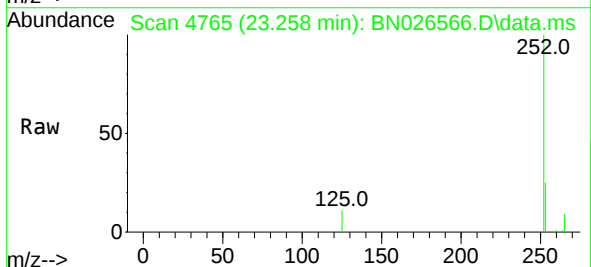
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Ion Ratio Lower Upper
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125 13.5 0.0 34.0

Manual Integrations
APPROVED

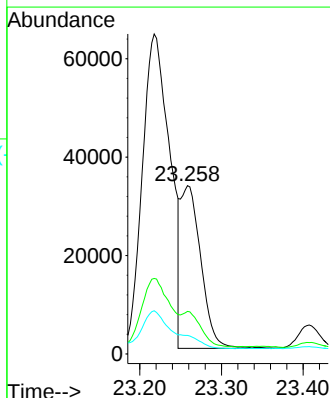
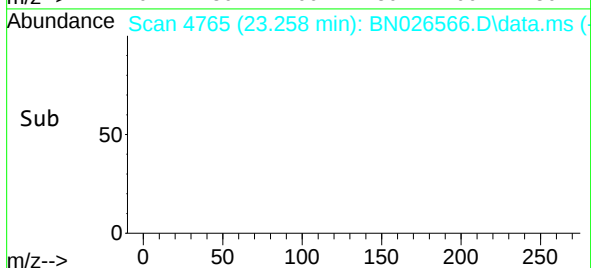
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

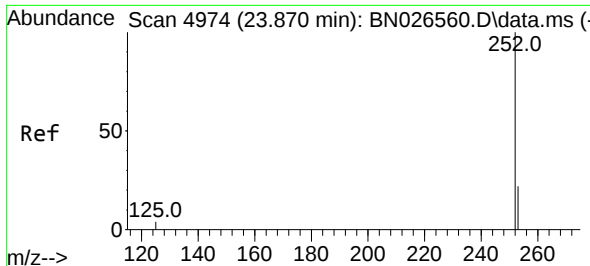


#25
Benzo(k)fluoranthene
Concen: 1.065 ng/ul m
RT: 23.258 min Scan# 4765
Delta R.T. -0.018 min
Lab File: BN026566.D
Acq: 18 Jul 2023 16:08



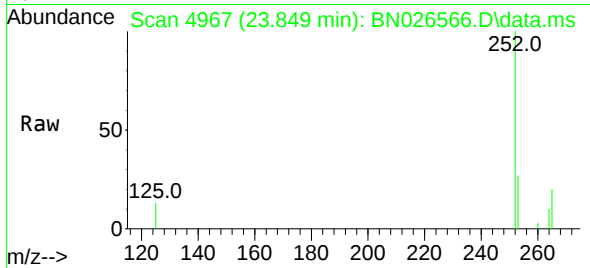
Tgt Ion:252 Resp: 57382
Ion Ratio Lower Upper
252 100
253 25.2 27.2 40.8#
125 11.0 13.4 20.2#





#26
Benzo(a)pyrene
Concen: 0.817 ng/ul
RT: 23.849 min Scan# 4967
Delta R.T. -0.021 min
Lab File: BN026566.D
Acq: 18 Jul 2023 16:08

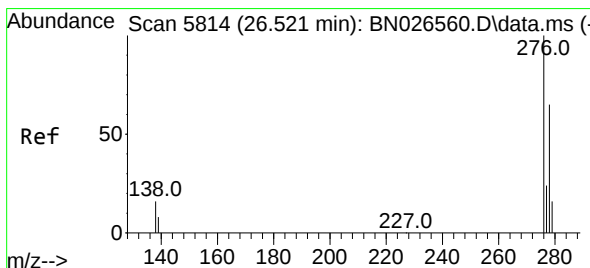
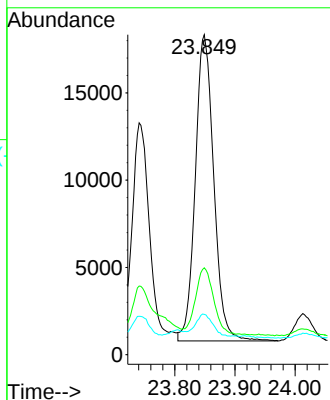
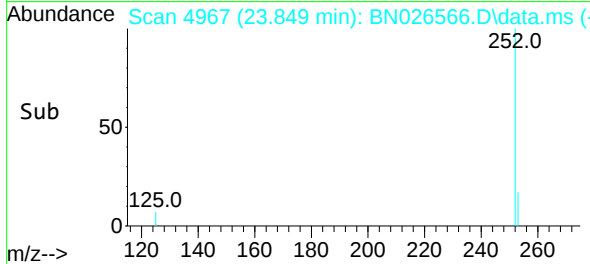
Instrument :
BNA_N
ClientSampleId :
A46M1



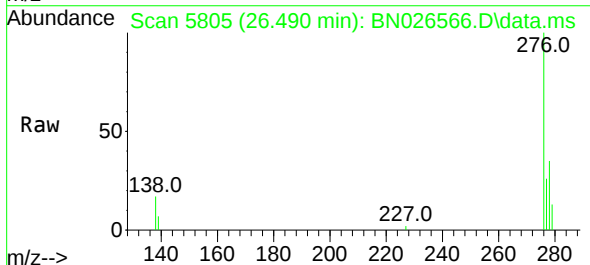
Tgt Ion:252 Resp: 37380
Ion Ratio Lower Upper
252 100
253 27.2 32.6 49.0#
125 12.6 19.3 28.9#

Manual Integrations
APPROVED

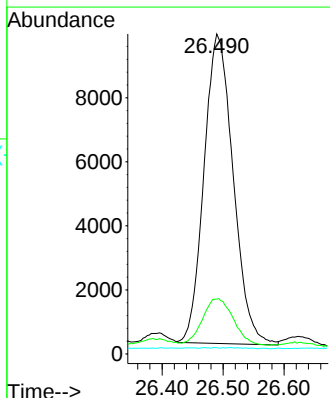
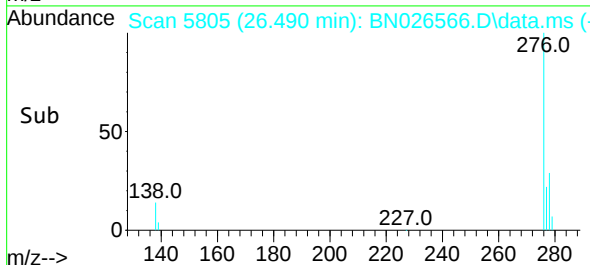
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

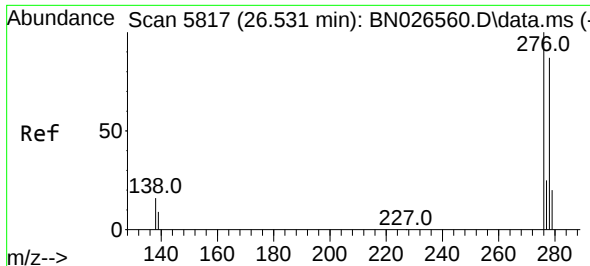


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.535 ng/ul
RT: 26.490 min Scan# 5805
Delta R.T. -0.031 min
Lab File: BN026566.D
Acq: 18 Jul 2023 16:08



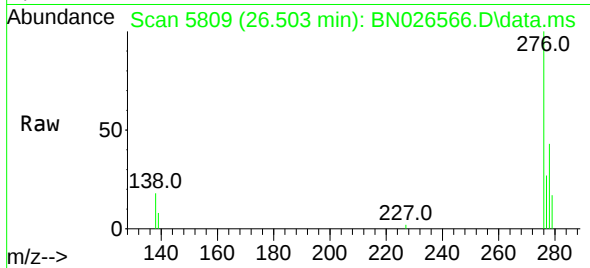
Tgt Ion:276 Resp: 32093
Ion Ratio Lower Upper
276 100
138 16.1 22.2 33.4#
227 0.1 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.295 ng/ul
RT: 26.503 min Scan# 5809
Delta R.T. -0.028 min
Lab File: BN026566.D
Acq: 18 Jul 2023 16:08

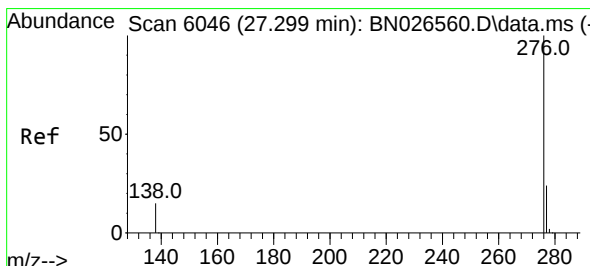
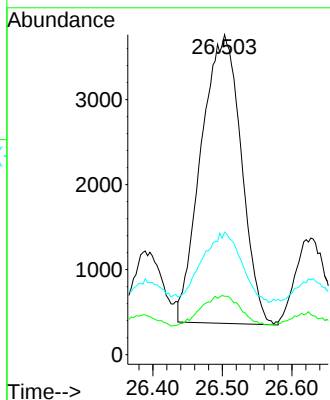
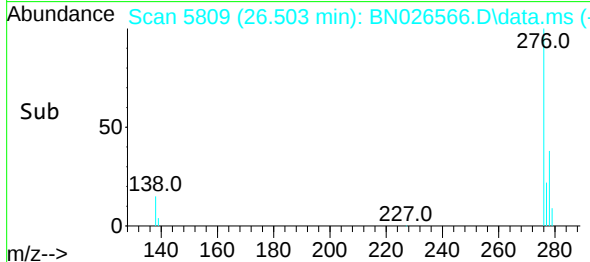
Instrument :
BNA_N
ClientSampleId :
A46M1



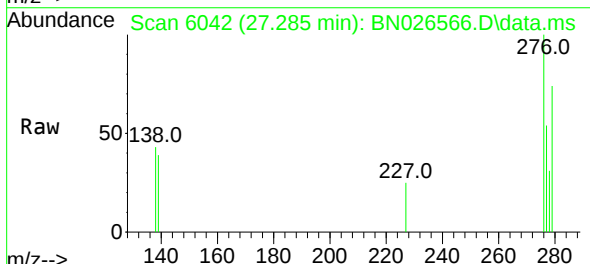
Tgt Ion:278 Resp: 1358
Ion Ratio Lower Upper
278 100
139 18.2 18.9 28.3#
279 38.3 31.3 46.9

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#29
Benzo(g,h,i)perylene
Concen: 0.037 ng/ul
RT: 27.285 min Scan# 6042
Delta R.T. -0.014 min
Lab File: BN026566.D
Acq: 18 Jul 2023 16:08



Tgt Ion:276 Resp: 1970
Ion Ratio Lower Upper
276 100
138 42.7 22.6 34.0#
277 54.1 21.8 32.8#

