

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
 Data File : BN026623.D
 Acq On : 21 Jul 2023 11:27
 Operator : MA/JU
 Sample : 03472-09
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46Q3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/22/2023
 Supervised By :mohammad ahmed 07/22/2023

Quant Time: Jul 21 14:12:18 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 : Thu Jul 20 22:32:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.836	152	2036	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.631	136	7090	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.472	164	4716	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.215	188	14595	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.420	240	11984	0.400	ng/ul	0.00
23) Perylene-d12	23.790	264	11990	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	8053	3.003	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.231	152	4086	0.424	ng/ul	-0.02
18) Fluoranthene-d10	19.246	212	16925	0.407	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.680	128	2284	0.117	ng/ul#	92
7) 2-Methylnaphthalene	12.308	142	851	0.077	ng/ul	100
8) 1-Methylnaphthalene	12.522	142	513	0.043	ng/ul	98
10) Acenaphthylene	14.190	152	3840	0.166	ng/ul#	93
11) Acenaphthene	14.536	153	1963	0.112	ng/ul	97
12) Fluorene	15.517	166	3222	0.175	ng/ul#	96
15) Phenanthrene	17.257	178	39077	0.841	ng/ul	98
16) Anthracene	17.346	178	8991	0.223	ng/ul	98
19) Fluoranthene	19.278	202	111387	1.983	ng/ul	99
20) Pyrene	19.641	202	108842	1.784	ng/ul	97
21) Benzo(a)anthracene	21.402	228	49325	1.120	ng/ul	98
22) Chrysene	21.455	228	55588	1.109	ng/ul	98
24) Benzo(b)fluoranthene	23.071	252	62123m	1.330	ng/ul	
25) Benzo(k)fluoranthene	23.118	252	21176m	0.433	ng/ul	
26) Benzo(a)pyrene	23.682	252	42735	1.028	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.244	276	25136	0.461	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.251	278	6146	0.147	ng/ul#	85
29) Benzo(g,h,i)perylene	27.002	276	25396	0.528	ng/ul	96

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

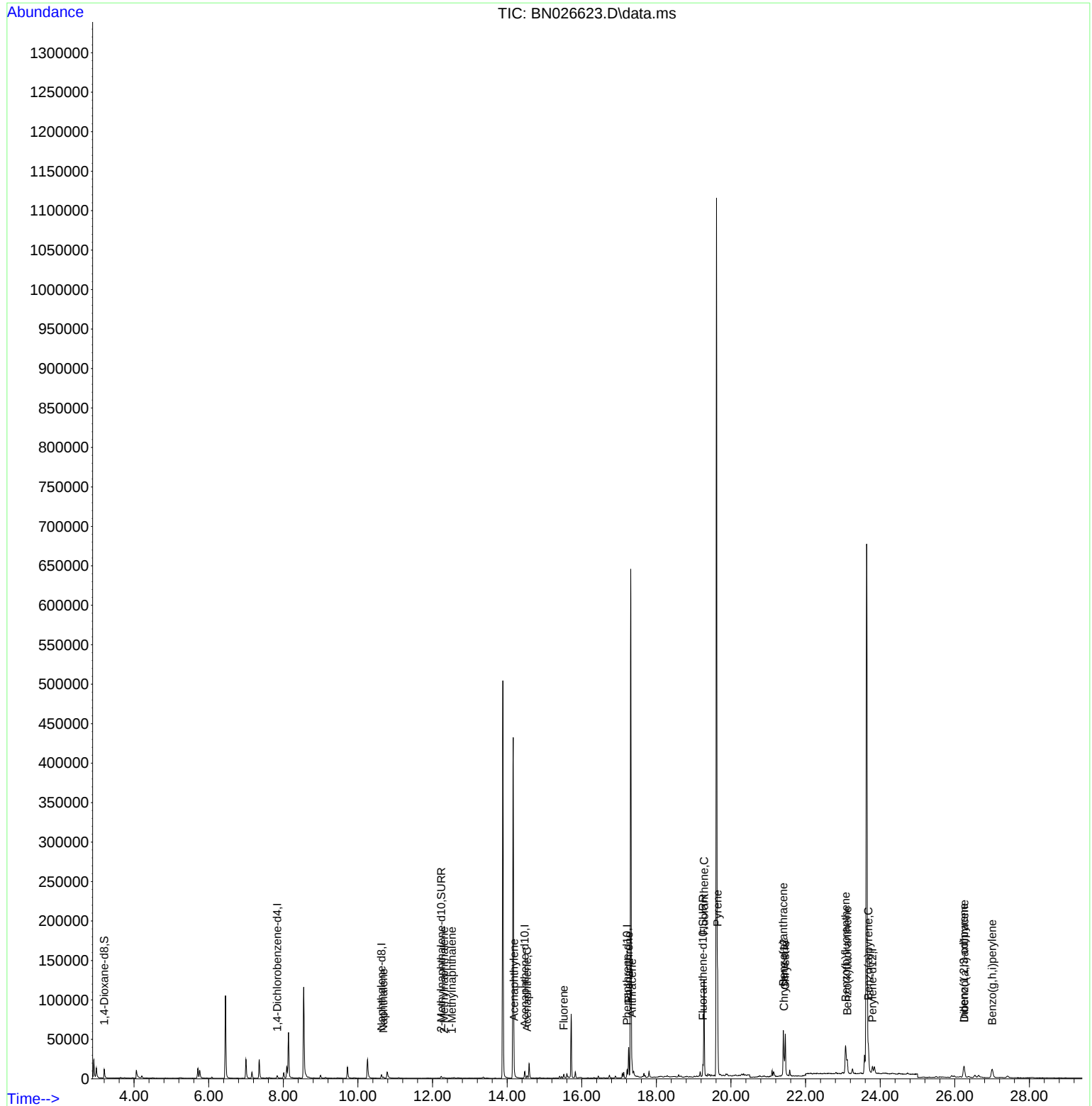
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
Data File : BN026623.D
Acq On : 21 Jul 2023 11:27
Operator : MA/JU
Sample : 03472-09
Misc :
ALS Vial : 34 Sample Multiplier: 1

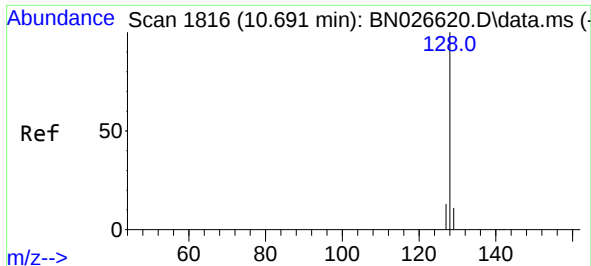
Instrument :
BNA_N
ClientSampleId :
A46Q3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023

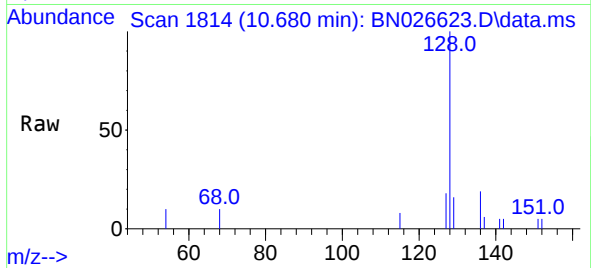
Quant Time: Jul 21 14:12:18 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 20 22:32:26 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.117 ng/ul
RT: 10.680 min Scan# 1814
Delta R.T. -0.022 min
Lab File: BN026623.D
Acq: 21 Jul 2023 11:27

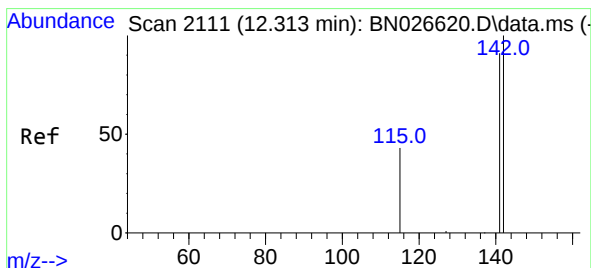
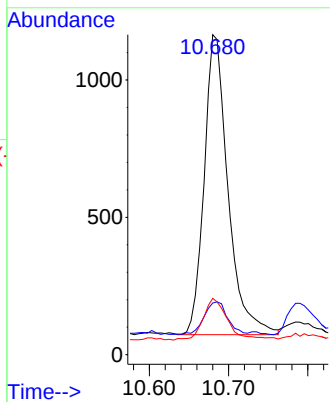
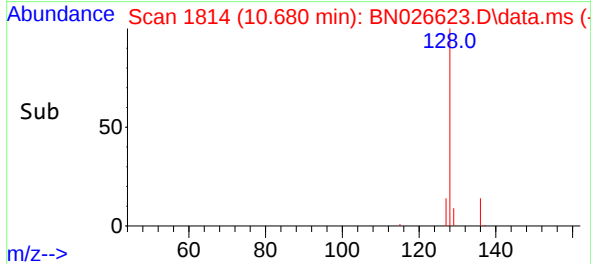
Instrument :
BNA_N
ClientSampleId :
A46Q3



Tgt Ion:128 Resp: 2284
Ion Ratio Lower Upper
128 100
129 16.1 10.2 15.2
127 17.6 11.4 17.0

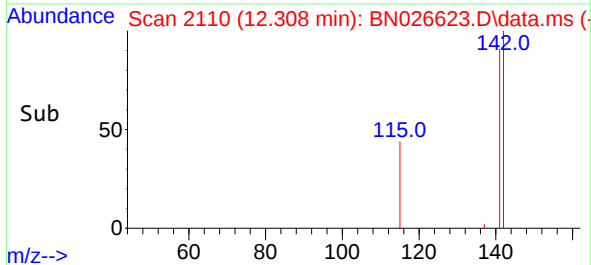
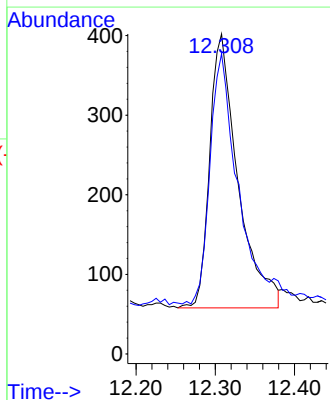
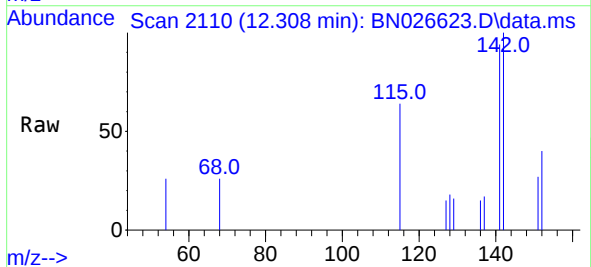
Manual Integrations
APPROVED

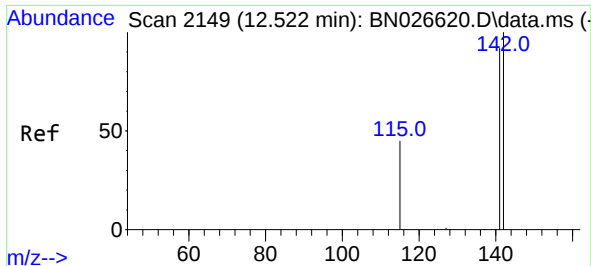
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#7
2-Methylnaphthalene
Concen: 0.077 ng/ul
RT: 12.308 min Scan# 2110
Delta R.T. -0.011 min
Lab File: BN026623.D
Acq: 21 Jul 2023 11:27

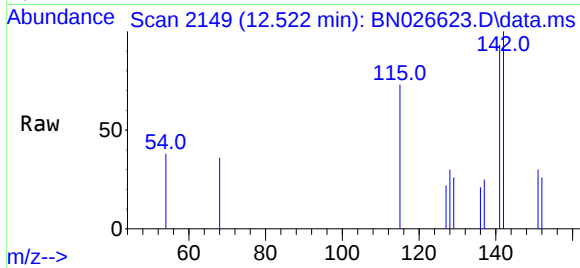
Tgt Ion:142 Resp: 851
Ion Ratio Lower Upper
142 100
141 90.1 72.3 108.5





#8
1-Methylnaphthalene
Concen: 0.043 ng/ul
RT: 12.522 min Scan# 2149
Delta R.T. -0.005 min
Lab File: BN026623.D
Acq: 21 Jul 2023 11:27

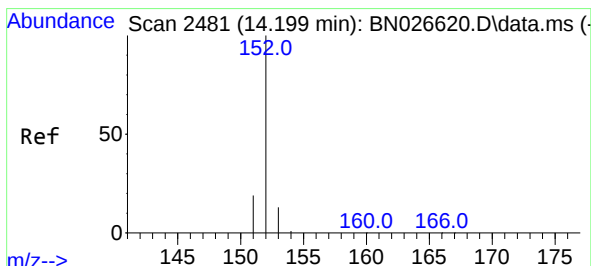
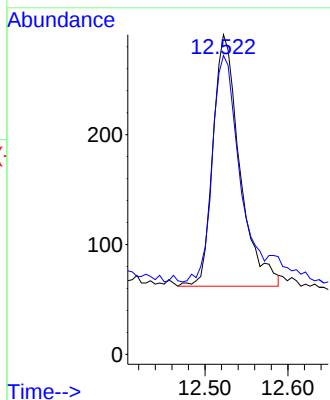
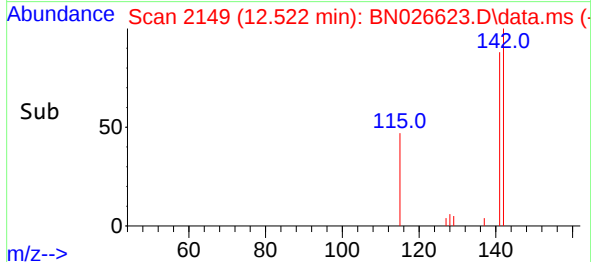
Instrument :
BNA_N
ClientSampleId :
A46Q3



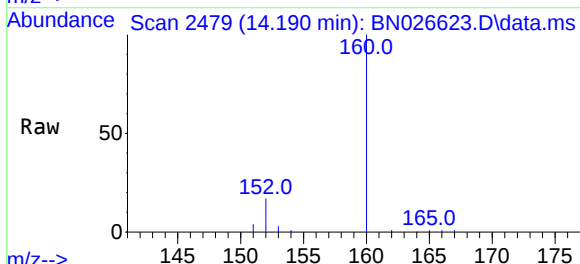
Tgt Ion:142 Resp: 511
Ion Ratio Lower Upper
142 100
141 95.1 74.5 111.7

Manual Integrations
APPROVED

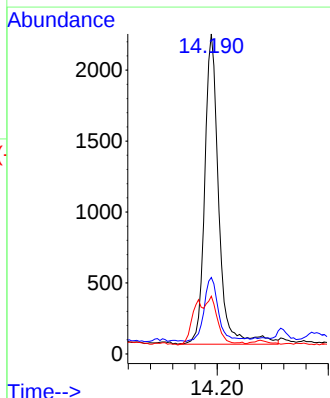
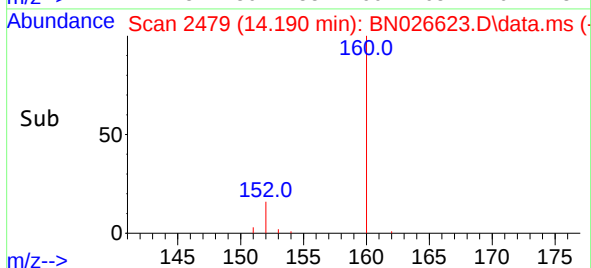
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023

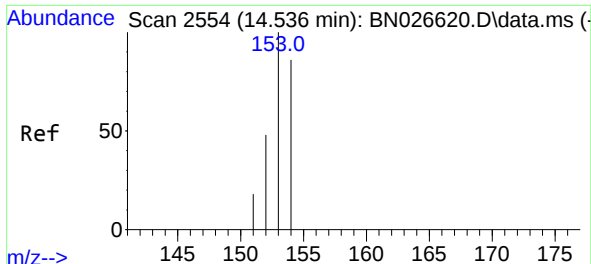


#10
Acenaphthylene
Concen: 0.166 ng/ul
RT: 14.190 min Scan# 2479
Delta R.T. -0.014 min
Lab File: BN026623.D
Acq: 21 Jul 2023 11:27



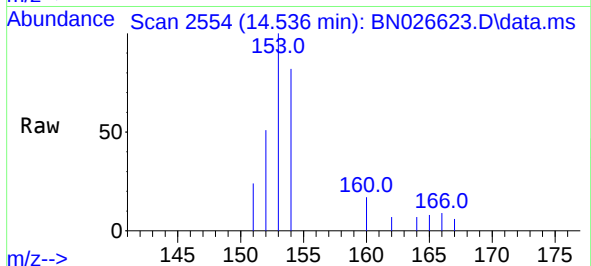
Tgt Ion:152 Resp: 3840
Ion Ratio Lower Upper
152 100
151 23.9 17.0 25.6
153 18.0 11.4 17.2#





#11
Acenaphthene
Concen: 0.112 ng/u1
RT: 14.536 min Scan# 2554
Delta R.T. 0.000 min
Lab File: BN026623.D
Acq: 21 Jul 2023 11:27

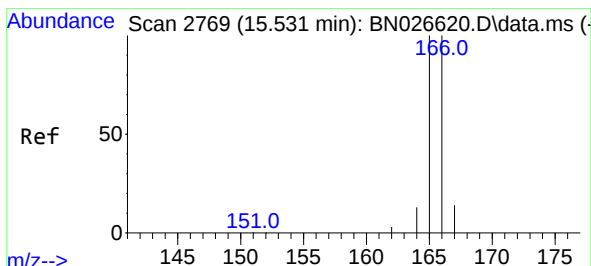
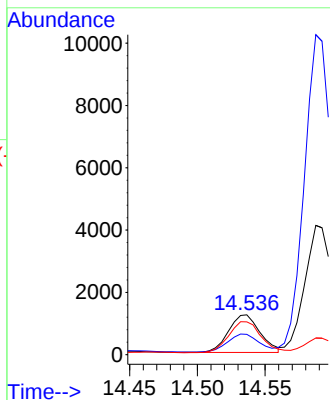
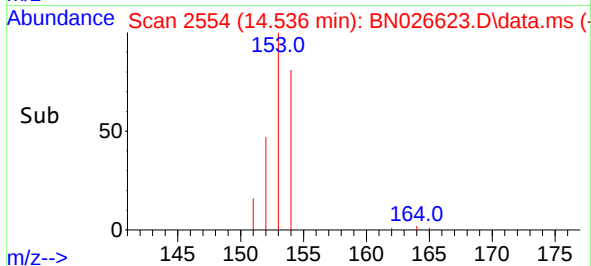
Instrument :
BNA_N
ClientSampleId :
A46Q3



Tgt Ion:153 Resp: 1963
Ion Ratio Lower Upper
153 100
152 51.1 40.2 60.4
154 82.3 69.3 103.9

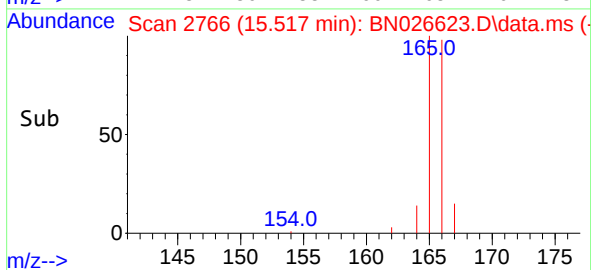
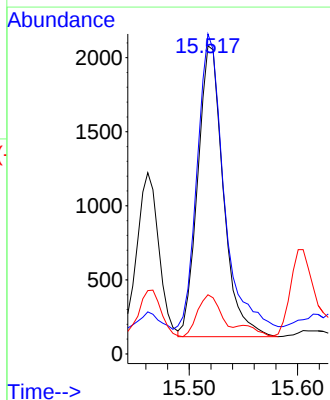
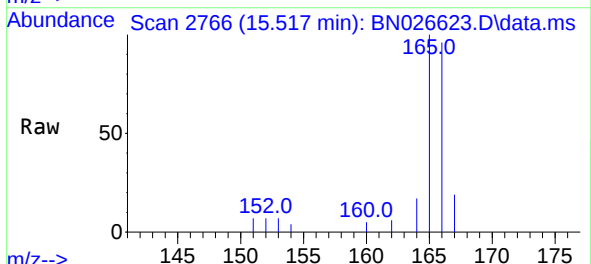
Manual Integrations
APPROVED

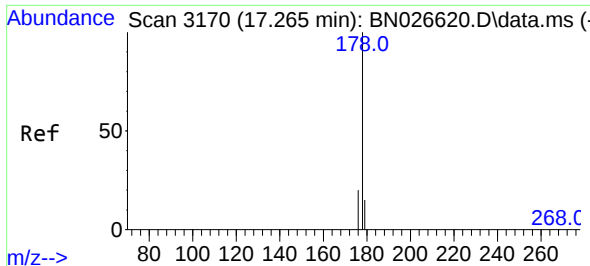
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#12
Fluorene
Concen: 0.175 ng/u1
RT: 15.517 min Scan# 2766
Delta R.T. -0.014 min
Lab File: BN026623.D
Acq: 21 Jul 2023 11:27

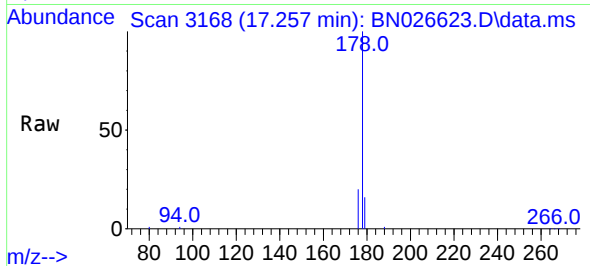
Tgt Ion:166 Resp: 3222
Ion Ratio Lower Upper
166 100
165 103.8 80.6 120.8
167 19.2 12.0 18.0#





#15
Phenanthrene
Concen: 0.841 ng/u1
RT: 17.257 min Scan# 3170
Delta R.T. -0.013 min
Lab File: BN026623.D
Acq: 21 Jul 2023 11:27

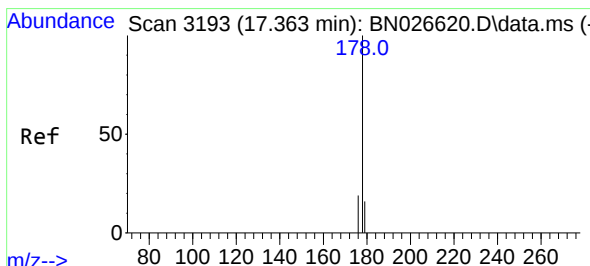
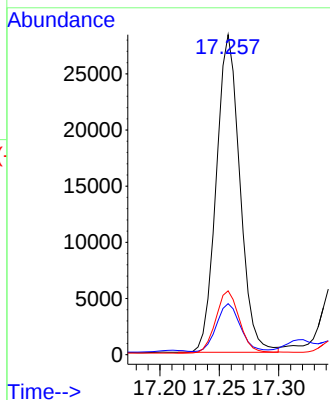
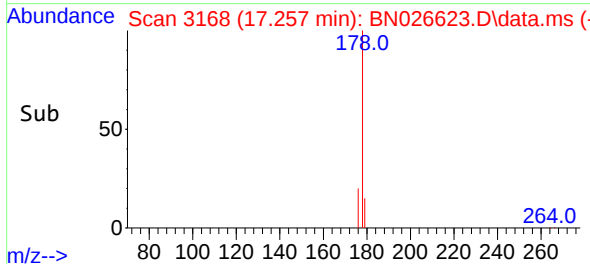
Instrument :
BNA_N
ClientSampleId :
A46Q3



Tgt Ion:178 Resp: 3907
Ion Ratio Lower Upper
178 100
179 16.0 13.7 20.5
176 20.0 16.5 24.7

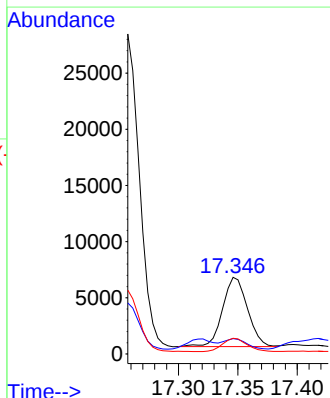
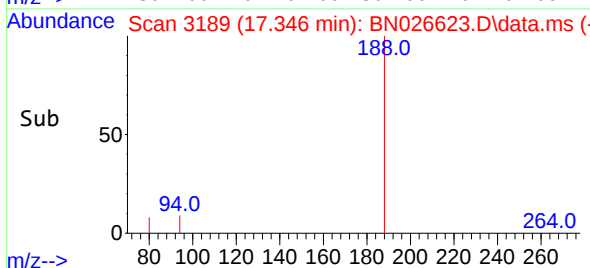
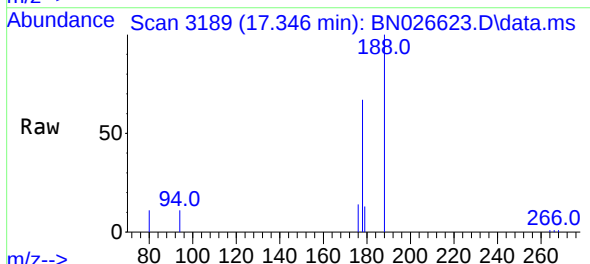
Manual Integrations
APPROVED

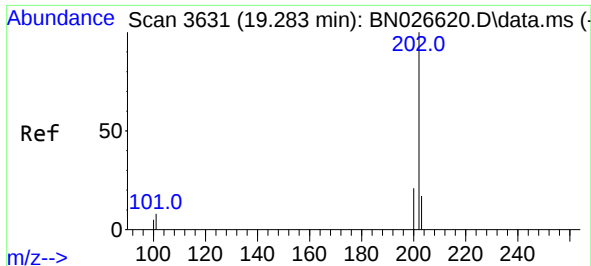
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#16
Anthracene
Concen: 0.223 ng/u1
RT: 17.346 min Scan# 3189
Delta R.T. -0.021 min
Lab File: BN026623.D
Acq: 21 Jul 2023 11:27

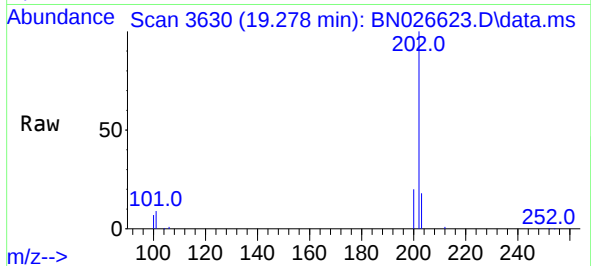
Tgt Ion:178 Resp: 8991
Ion Ratio Lower Upper
178 100
179 20.0 14.8 22.2
176 20.5 16.6 25.0





#19
Fluoranthene
Concen: 1.983 ng/u1
RT: 19.278 min Scan# 3630
Delta R.T. -0.005 min
Lab File: BN026623.D
Acq: 21 Jul 2023 11:27

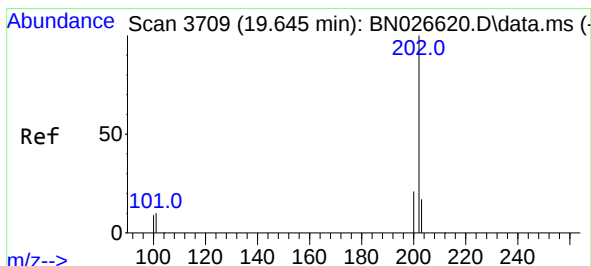
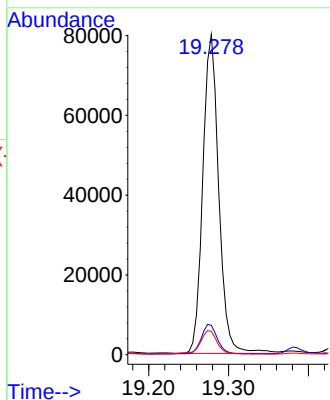
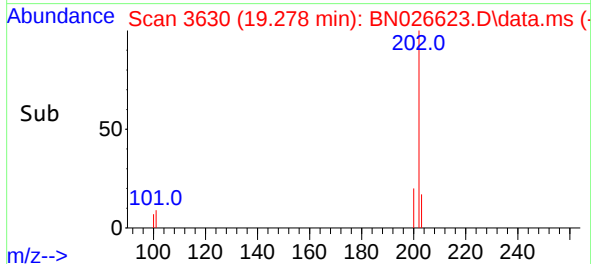
Instrument :
BNA_N
ClientSampleId :
A46Q3



Tgt Ion:202 Resp: 11138
Ion Ratio Lower Upper
202 100
101 9.1 7.0 10.4
100 7.3 6.0 9.0

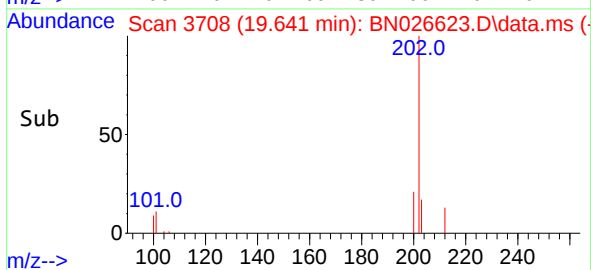
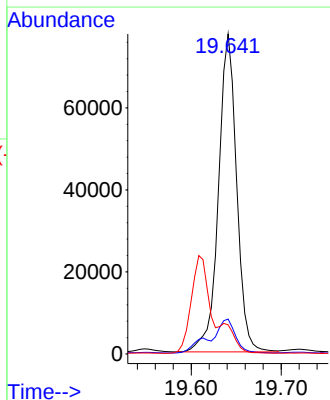
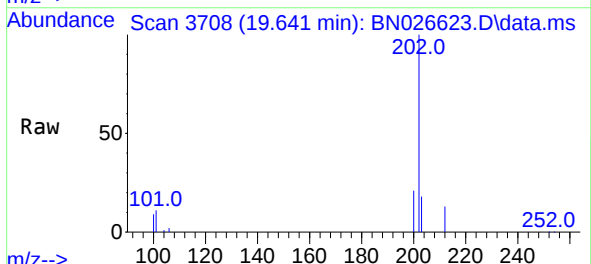
Manual Integrations
APPROVED

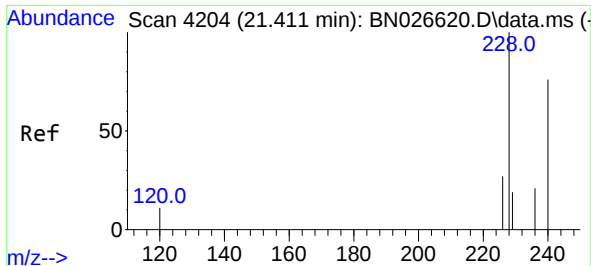
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#20
Pyrene
Concen: 1.784 ng/u1
RT: 19.641 min Scan# 3708
Delta R.T. -0.005 min
Lab File: BN026623.D
Acq: 21 Jul 2023 11:27

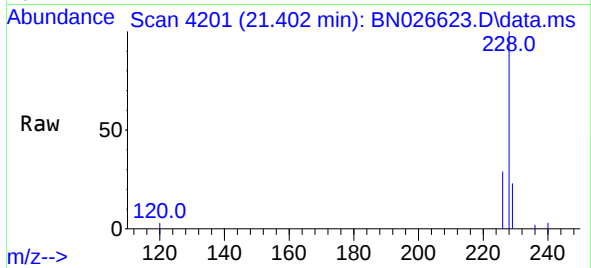
Tgt Ion:202 Resp: 108842
Ion Ratio Lower Upper
202 100
101 10.9 8.0 12.0
100 9.1 6.2 9.2





#21
Benzo(a)anthracene
Concen: 1.120 ng/ul
RT: 21.402 min Scan# 4201
Delta R.T. 0.003 min
Lab File: BN026623.D
Acq: 21 Jul 2023 11:27

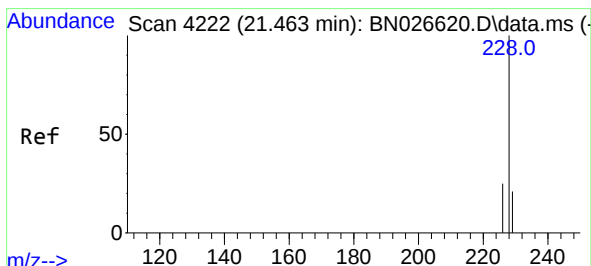
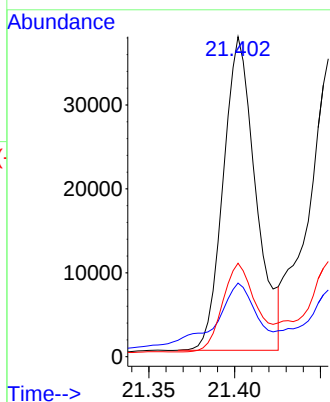
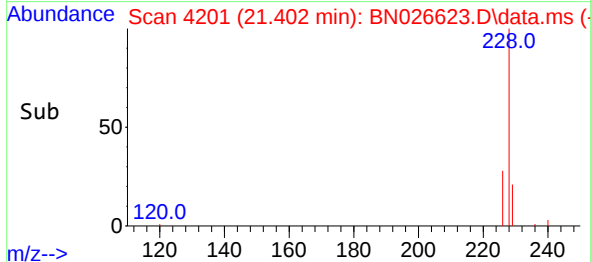
Instrument :
BNA_N
ClientSampleId :
A46Q3



Tgt Ion:228 Resp: 49325
Ion Ratio Lower Upper
228 100
229 23.0 16.7 25.1
226 29.2 23.5 35.3

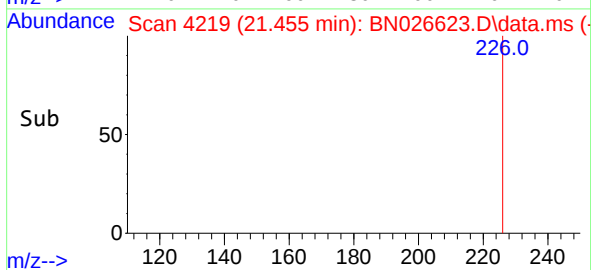
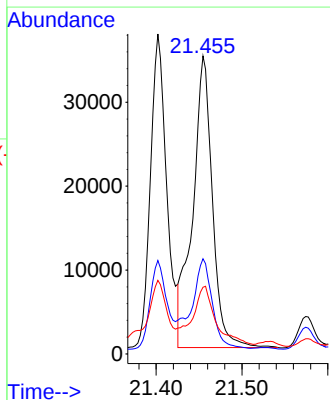
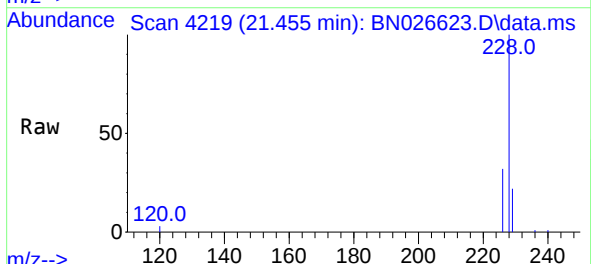
Manual Integrations
APPROVED

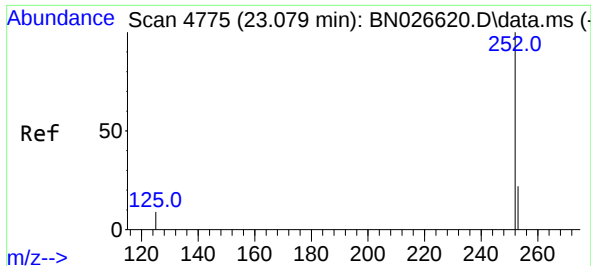
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#22
Chrysene
Concen: 1.109 ng/ul
RT: 21.455 min Scan# 4219
Delta R.T. 0.003 min
Lab File: BN026623.D
Acq: 21 Jul 2023 11:27

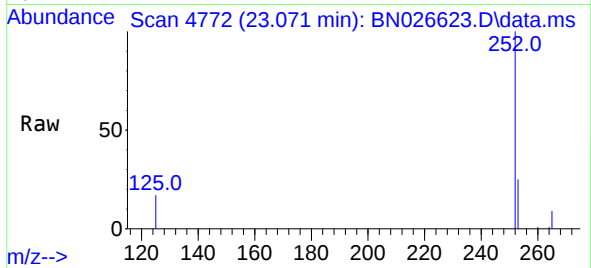
Tgt Ion:228 Resp: 55588
Ion Ratio Lower Upper
228 100
226 31.9 25.2 37.8
229 22.4 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 1.330 ng/ul m
RT: 23.071 min Scan# 4775
Delta R.T. 0.003 min
Lab File: BN026623.D
Acq: 21 Jul 2023 11:27

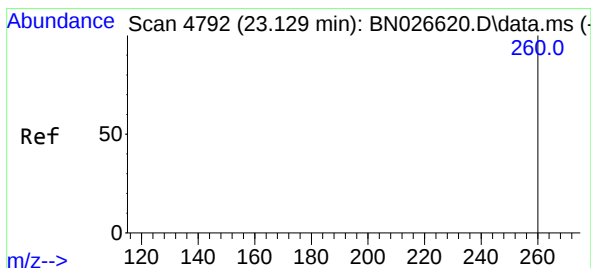
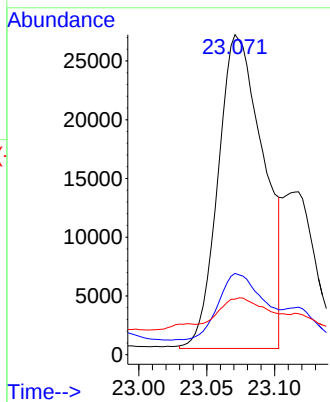
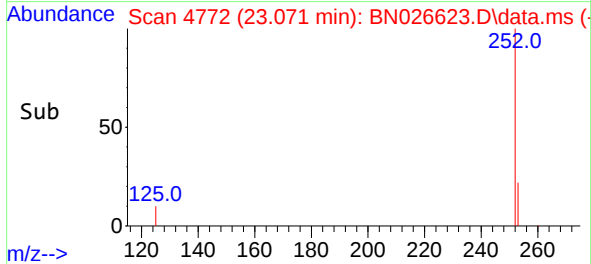
Instrument :
BNA_N
ClientSampleId :
A46Q3



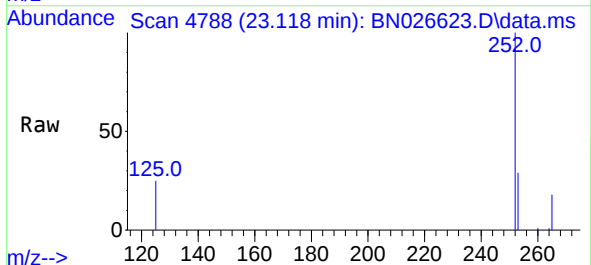
Tgt Ion:252 Resp: 6212
Ion Ratio Lower Upper
252 100
253 25.4 0.0 68.6
125 17.4 0.0 34.0

Manual Integrations
APPROVED

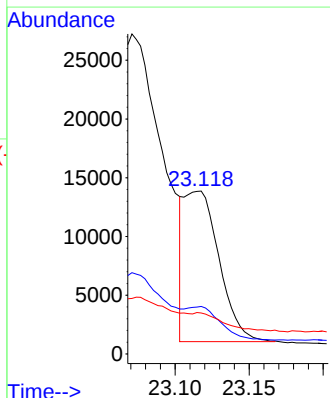
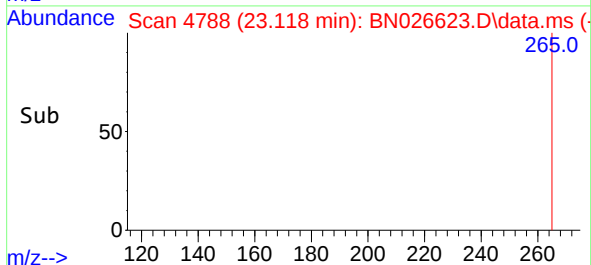
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023

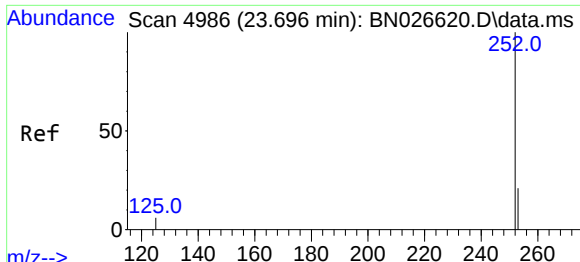


#25
Benzo(k)fluoranthene
Concen: 0.433 ng/ul m
RT: 23.118 min Scan# 4788
Delta R.T. 0.006 min
Lab File: BN026623.D
Acq: 21 Jul 2023 11:27



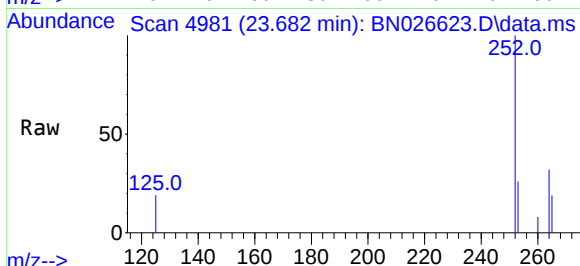
Tgt Ion:252 Resp: 21176
Ion Ratio Lower Upper
252 100
253 29.1 27.2 40.8
125 25.1 13.4 20.2#





#26
Benzo(a)pyrene
Concen: 1.028 ng/ul
RT: 23.682 min Scan# 4986
Delta R.T. -0.003 min
Lab File: BN026623.D
Acq: 21 Jul 2023 11:27

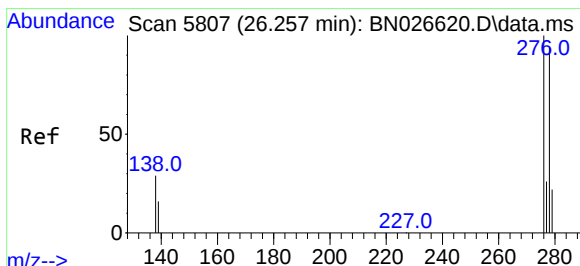
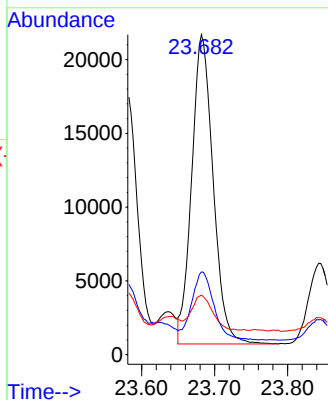
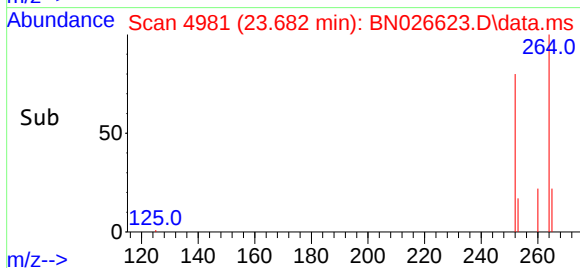
Instrument :
BNA_N
ClientSampleId :
A46Q3



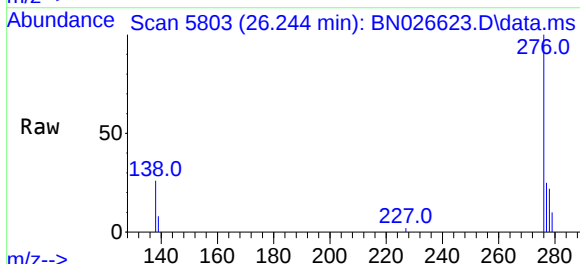
Tgt Ion:252 Resp: 42735
Ion Ratio Lower Upper
252 100
253 25.9 32.6 49.0
125 18.6 19.3 28.9

Manual Integrations
APPROVED

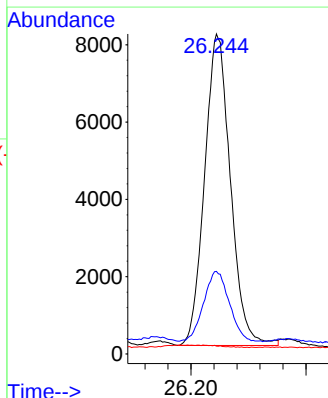
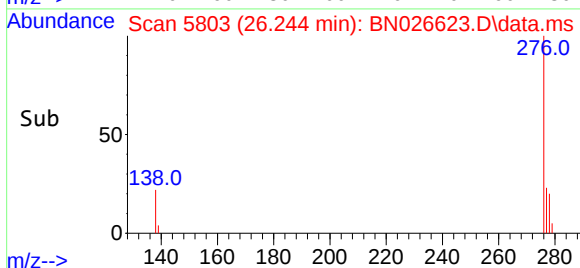
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023

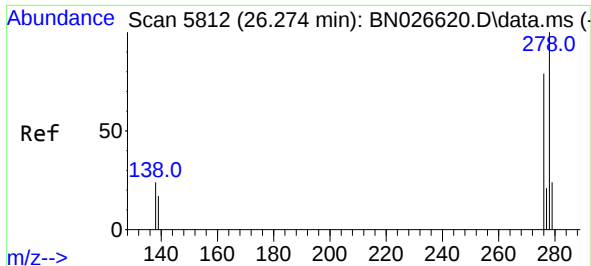


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.461 ng/ul
RT: 26.244 min Scan# 5803
Delta R.T. -0.003 min
Lab File: BN026623.D
Acq: 21 Jul 2023 11:27



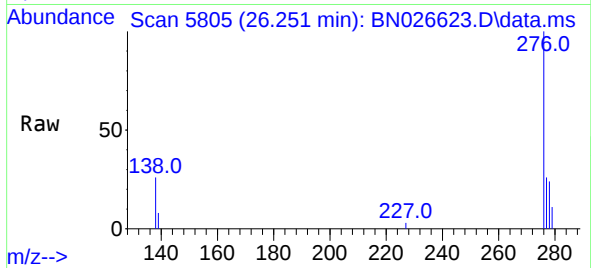
Tgt Ion:276 Resp: 25136
Ion Ratio Lower Upper
276 100
138 22.5 22.2 33.4
227 0.0 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.147 ng/ul
RT: 26.251 min Scan# 5805
Delta R.T. -0.007 min
Lab File: BN026623.D
Acq: 21 Jul 2023 11:27

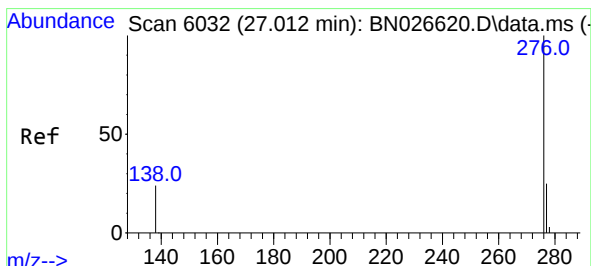
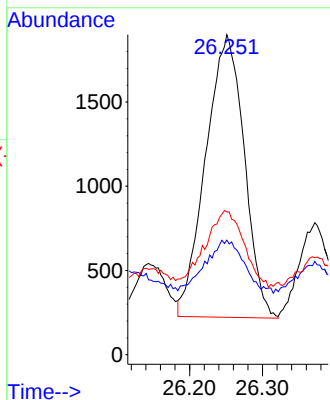
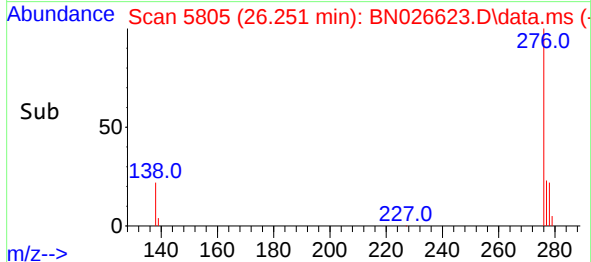
Instrument :
BNA_N
ClientSampleId :
A46Q3



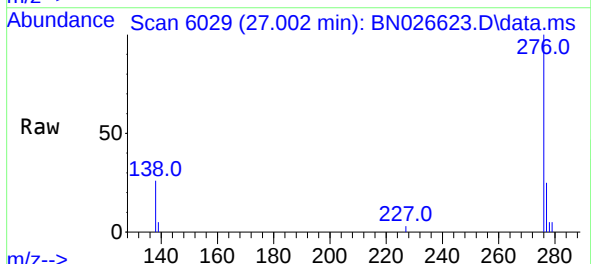
Tgt Ion:278 Resp: 6140
Ion Ratio Lower Upper
278 100
139 35.8 18.9 28.3
279 44.6 31.3 46.9

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#29
Benzo(g,h,i)perylene
Concen: 0.528 ng/ul
RT: 27.002 min Scan# 6029
Delta R.T. 0.003 min
Lab File: BN026623.D
Acq: 21 Jul 2023 11:27



Tgt Ion:276 Resp: 25396
Ion Ratio Lower Upper
276 100
138 26.0 22.6 34.0
277 25.4 21.8 32.8

