

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072223\
 Data File : BN026655.D
 Acq On : 22 Jul 2023 15:29
 Operator : MA/JU
 Sample : 03472-32DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46S7DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 22 23:04:18 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 : 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	7.832	152	2621	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.630	136	9357	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.472	164	5490	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.215	188	12109	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.417	240	7568	0.400	ng/ul	0.00
23) Perylene-d12	23.793	264	8001	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.204	96	997	0.289	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.231	152	863	0.068	ng/ul	-0.01
18) Fluoranthene-d10	19.250	212	1959	0.075	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.680	128	3452	0.134	ng/ul#	92
7) 2-Methylnaphthalene	12.308	142	956	0.066	ng/ul	96
8) 1-Methylnaphthalene	12.517	142	931	0.060	ng/ul	99
10) Acenaphthylene	14.189	152	3553	0.132	ng/ul#	95
11) Acenaphthene	14.532	153	3592	0.175	ng/ul	100
12) Fluorene	15.522	166	4425	0.206	ng/ul	98
15) Phenanthrene	17.257	178	69757	1.809	ng/ul	97
16) Anthracene	17.350	178	12913	0.386	ng/ul	98
19) Fluoranthene	19.278	202	116761	3.291	ng/ul	99
20) Pyrene	19.641	202	43472	1.128	ng/ul#	95
21) Benzo(a)anthracene	21.402	228	37535	1.350	ng/ul	99
22) Chrysene	21.454	228	37114	1.172	ng/ul	98
24) Benzo(b)fluoranthene	23.074	252	40329m	1.294	ng/ul	
25) Benzo(k)fluoranthene	23.115	252	17374m	0.532	ng/ul	
26) Benzo(a)pyrene	23.691	252	4564	0.164	ng/ul#	73
27) Indeno(1,2,3-cd)pyrene	26.251	276	7440	0.205	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.258	278	4751	0.170	ng/ul#	74

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

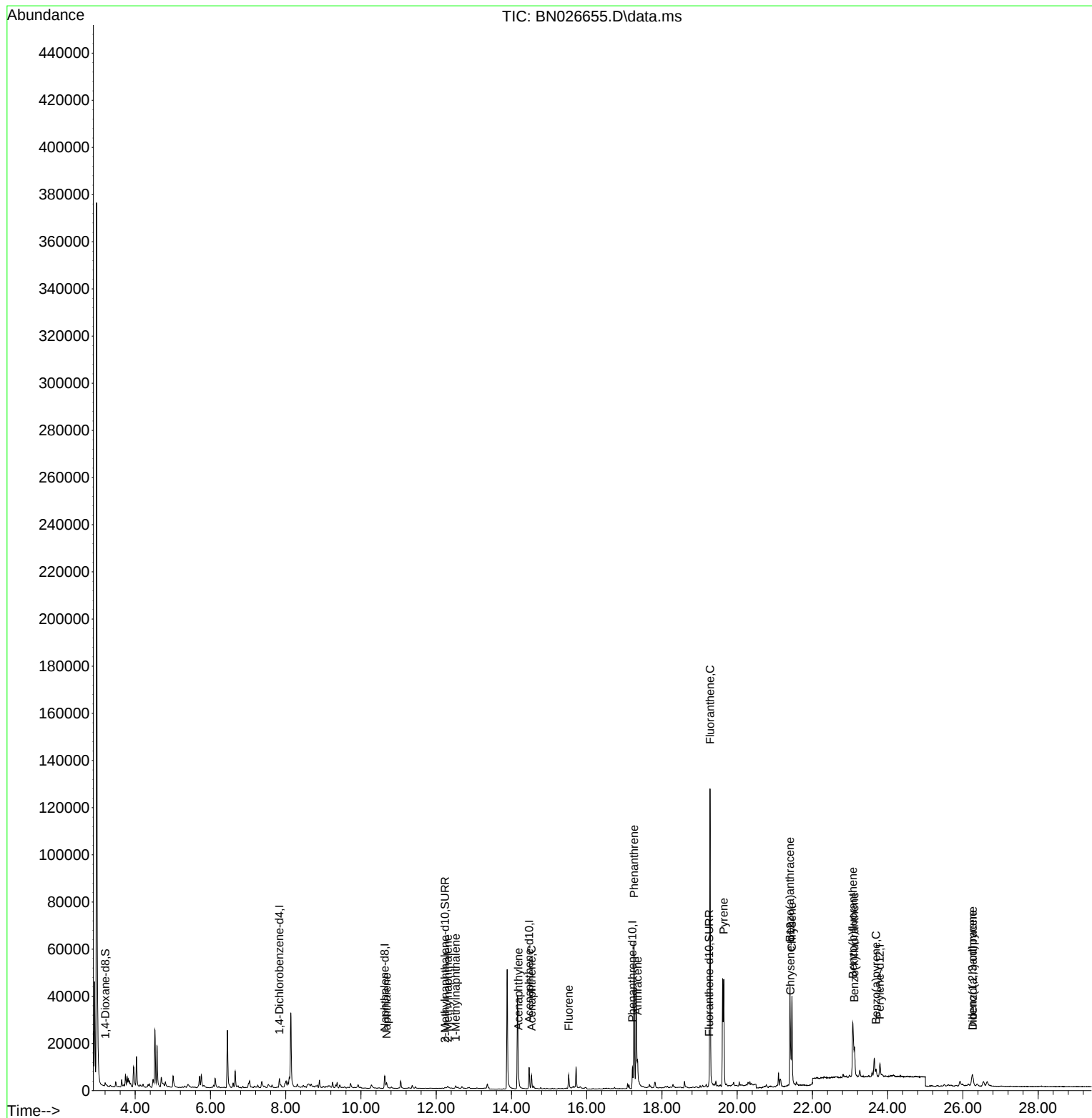
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072223\
Data File : BN026655.D
Acq On : 22 Jul 2023 15:29
Operator : MA/JU
Sample : 03472-32DL 5X
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ALS Vial : 8 Sample Multiplier: 1

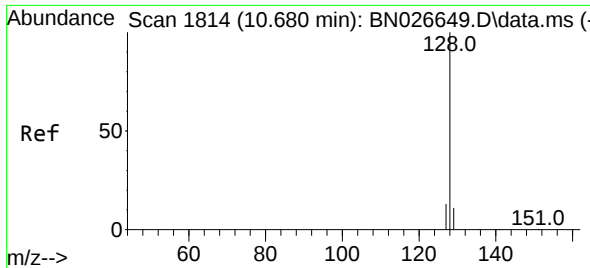
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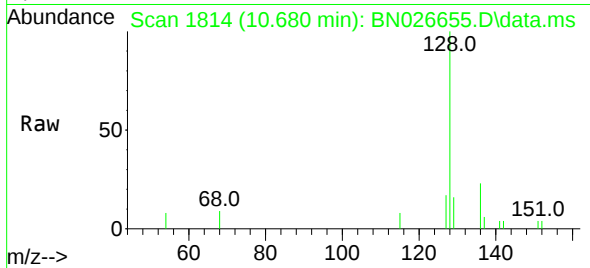
Quant Time: Jul 22 23:04:18 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 21 19:02:16 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.134 ng/ul
RT: 10.680 min Scan# 1110
Delta R.T. -0.011 min
Lab File: BN026655.D
Acq: 22 Jul 2023 15:29

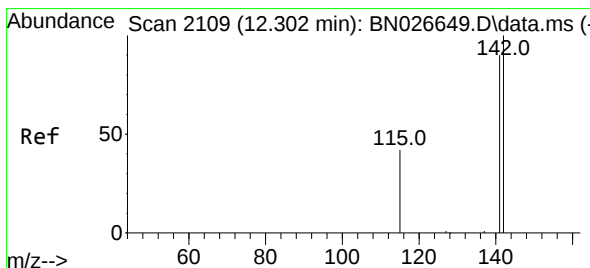
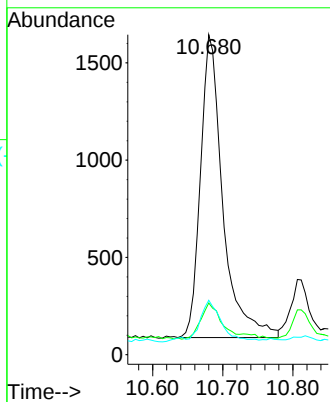
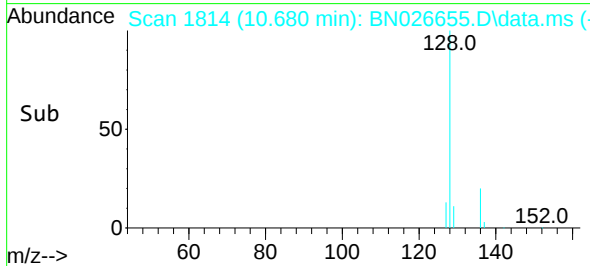
Instrument :
BNA_N
ClientSampleId :
A46S7DL



Tgt Ion:128 Resp: 345
Ion Ratio Lower Upper
128 100
129 16.2 10.2 15.2
127 17.0 11.4 17.0

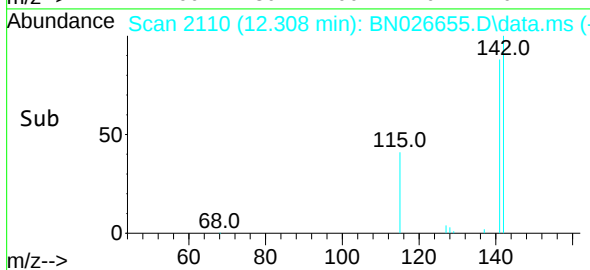
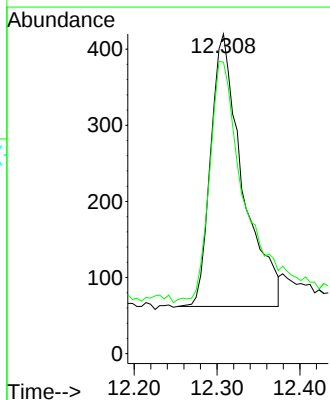
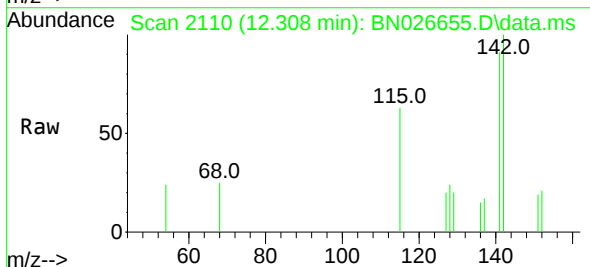
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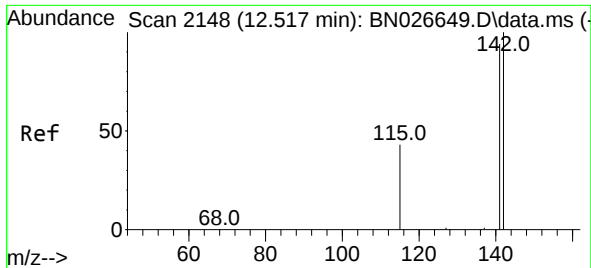
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#7
2-Methylnaphthalene
Concen: 0.066 ng/ul
RT: 12.308 min Scan# 2110
Delta R.T. -0.005 min
Lab File: BN026655.D
Acq: 22 Jul 2023 15:29

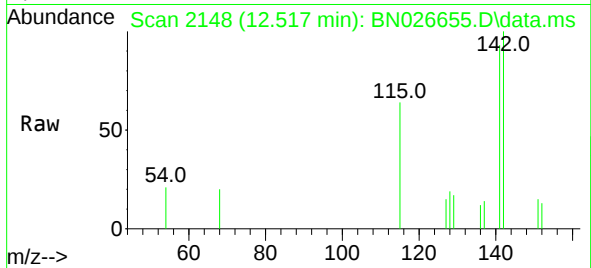
Tgt Ion:142 Resp: 956
Ion Ratio Lower Upper
142 100
141 94.1 72.3 108.5





#8
1-Methylnaphthalene
Concen: 0.060 ng/ul
RT: 12.517 min Scan# 2148
Delta R.T. -0.005 min
Lab File: BN026655.D
Acq: 22 Jul 2023 15:29

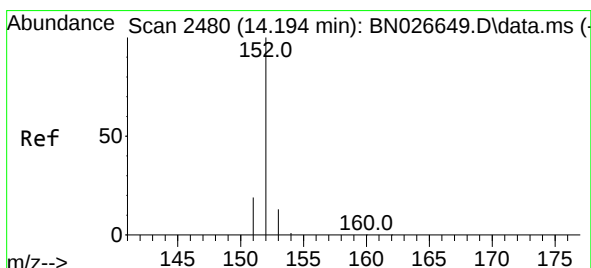
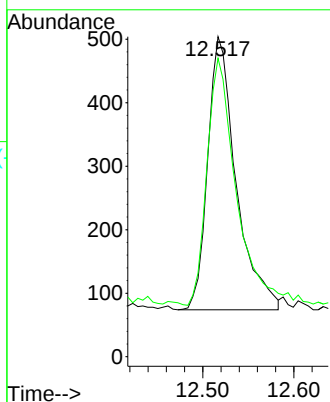
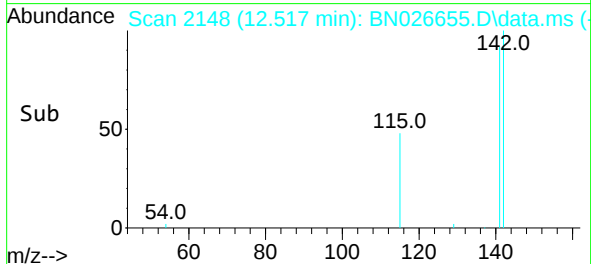
Instrument :
BNA_N
ClientSampleId :
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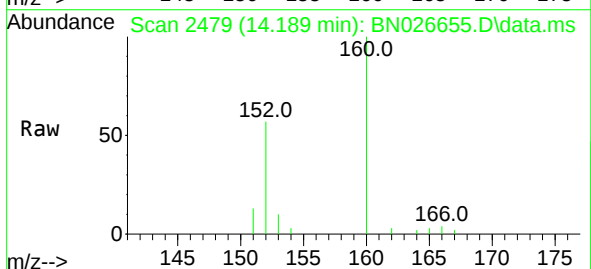
Tgt Ion:142 Resp: 931
Ion Ratio Lower Upper
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141 92.3 74.5 111.7

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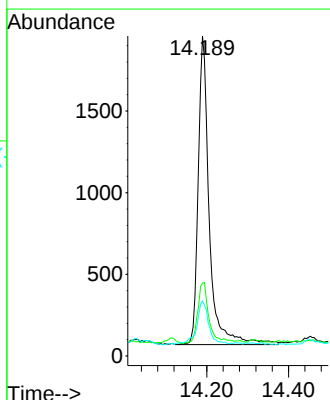
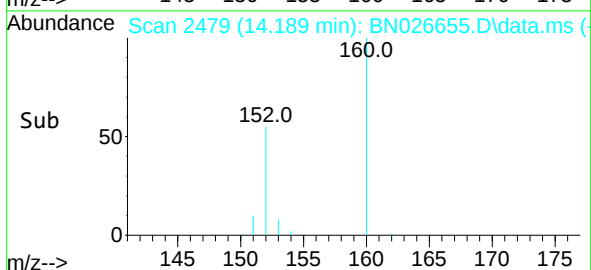
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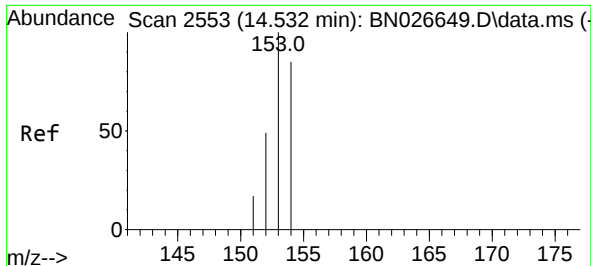


#10
Acenaphthylene
Concen: 0.132 ng/ul
RT: 14.189 min Scan# 2479
Delta R.T. -0.009 min
Lab File: BN026655.D
Acq: 22 Jul 2023 15:29



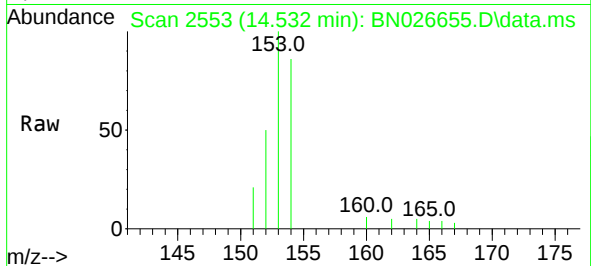
Tgt Ion:152 Resp: 3553
Ion Ratio Lower Upper
152 100
151 22.8 17.0 25.6
153 17.2 11.4 17.2#





#11
Acenaphthene
Concen: 0.175 ng/u1
RT: 14.532 min Scan# 2553
Delta R.T. -0.005 min
Lab File: BN026655.D
Acq: 22 Jul 2023 15:29

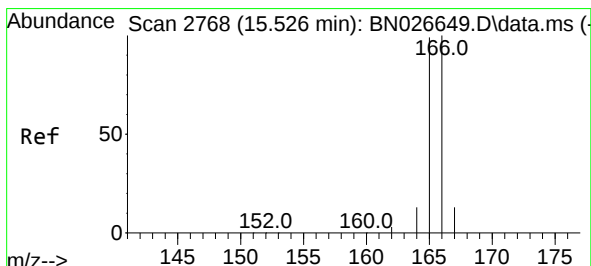
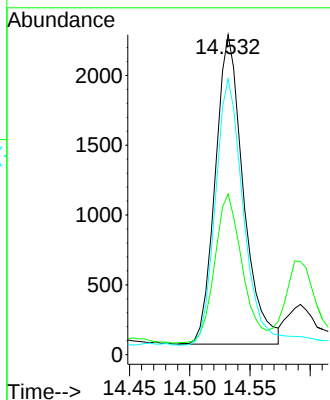
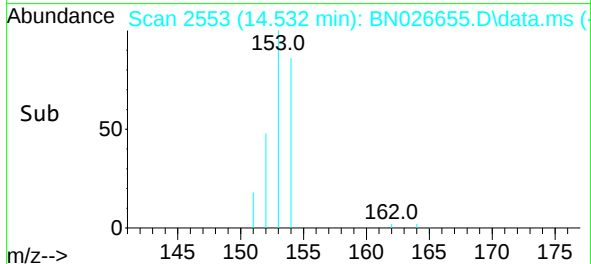
Instrument :
BNA_N
ClientSampleId :
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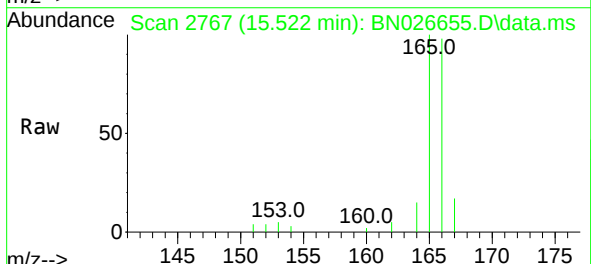
Tgt Ion:153 Resp: 3592
Ion Ratio Lower Upper
153 100
152 50.2 40.2 60.4
154 86.1 69.3 103.9

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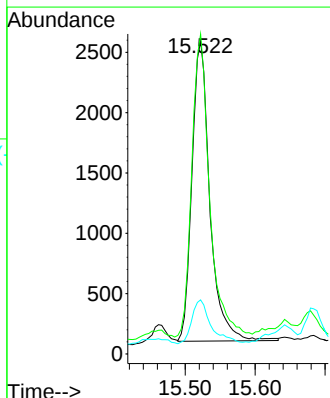
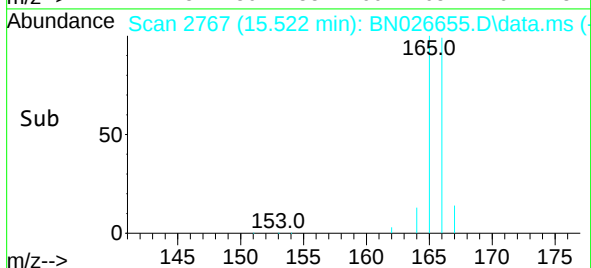
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

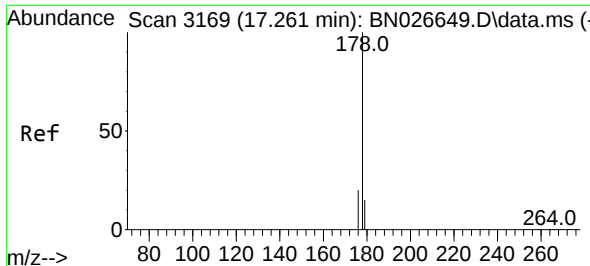


#12
Fluorene
Concen: 0.206 ng/u1
RT: 15.522 min Scan# 2767
Delta R.T. -0.009 min
Lab File: BN026655.D
Acq: 22 Jul 2023 15:29



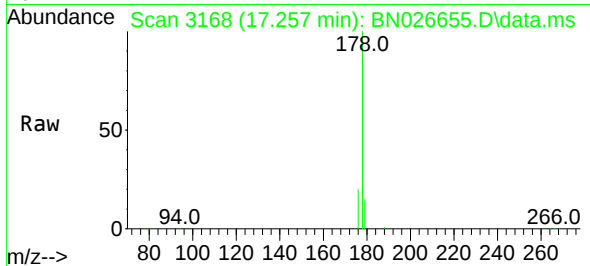
Tgt Ion:166 Resp: 4425
Ion Ratio Lower Upper
166 100
165 102.3 80.6 120.8
167 17.3 12.0 18.0





#15
Phenanthrene
Concen: 1.809 ng/u1
RT: 17.257 min Scan# 3169
Delta R.T. -0.008 min
Lab File: BN026655.D
Acq: 22 Jul 2023 15:29

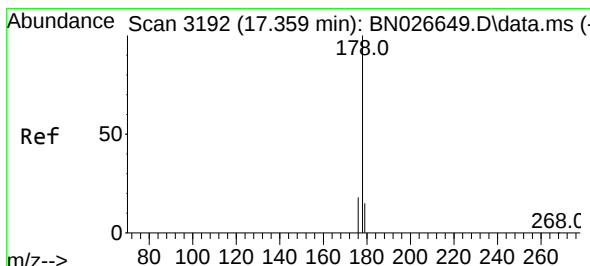
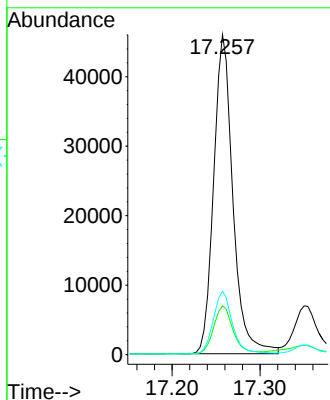
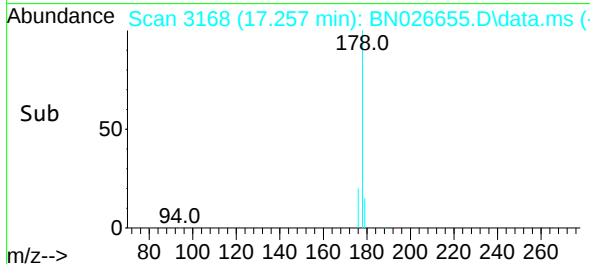
Instrument :
BNA_N
ClientSampleId :
A46S7DL



Tgt Ion:178 Resp: 6975
Ion Ratio Lower Upper
178 100
179 15.3 13.7 20.5
176 19.8 16.5 24.7

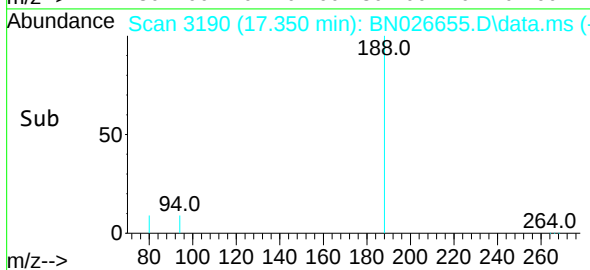
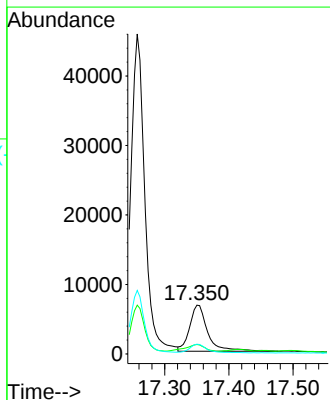
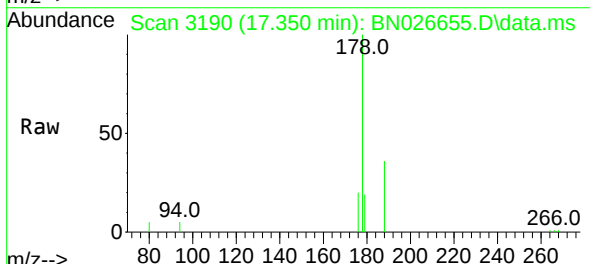
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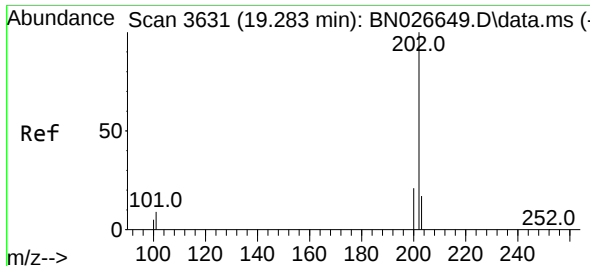
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#16
Anthracene
Concen: 0.386 ng/u1
RT: 17.350 min Scan# 3190
Delta R.T. -0.013 min
Lab File: BN026655.D
Acq: 22 Jul 2023 15:29

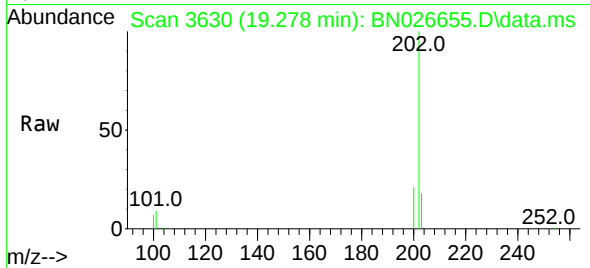
Tgt Ion:178 Resp: 12913
Ion Ratio Lower Upper
178 100
179 19.4 14.8 22.2
176 20.0 16.6 25.0





#19
Fluoranthene
Concen: 3.291 ng/ul
RT: 19.278 min Scan# 30
Delta R.T. -0.005 min
Lab File: BN026655.D
Acq: 22 Jul 2023 15:29

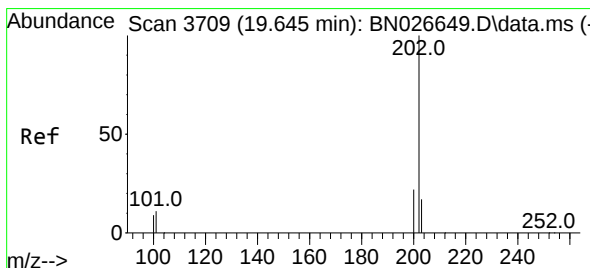
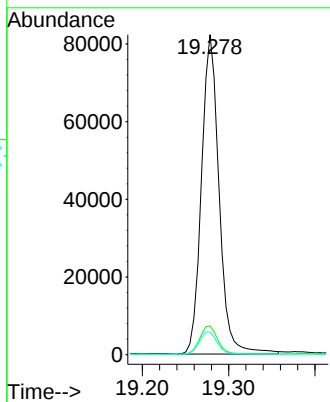
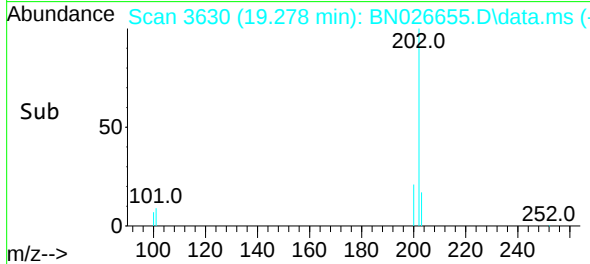
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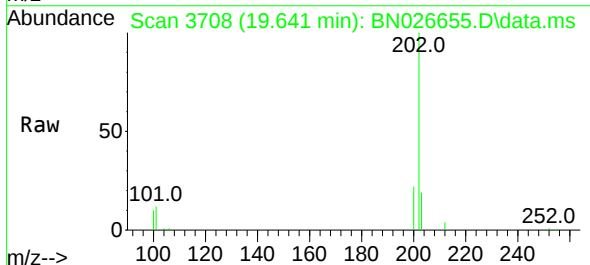
Tgt Ion:202 Resp: 11676
Ion Ratio Lower Upper
202 100
101 8.9 7.0 10.4
100 7.0 6.0 9.0

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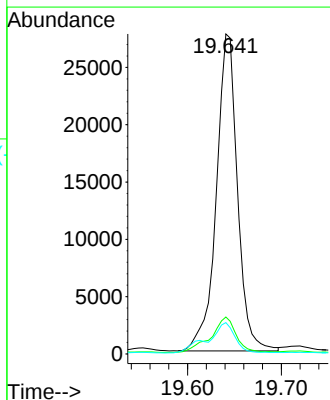
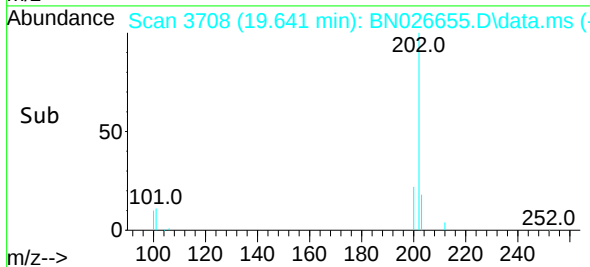
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

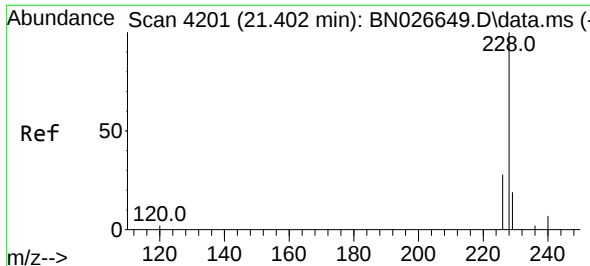


#20
Pyrene
Concen: 1.128 ng/ul
RT: 19.641 min Scan# 3708
Delta R.T. -0.005 min
Lab File: BN026655.D
Acq: 22 Jul 2023 15:29



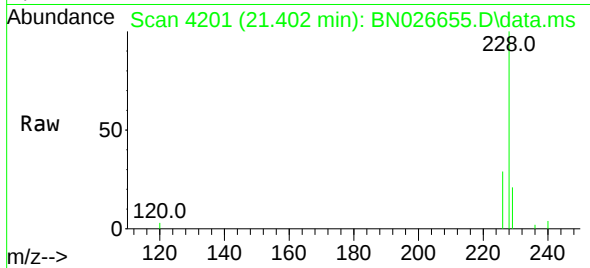
Tgt Ion:202 Resp: 43472
Ion Ratio Lower Upper
202 100
101 11.6 8.0 12.0
100 9.8 6.2 9.2#





#21
Benzo(a)anthracene
Concen: 1.350 ng/ul
RT: 21.402 min Scan# 4201
Delta R.T. -0.009 min
Lab File: BN026655.D
Acq: 22 Jul 2023 15:29

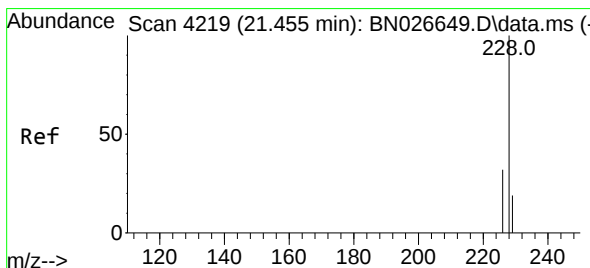
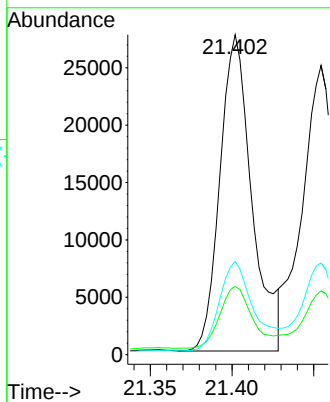
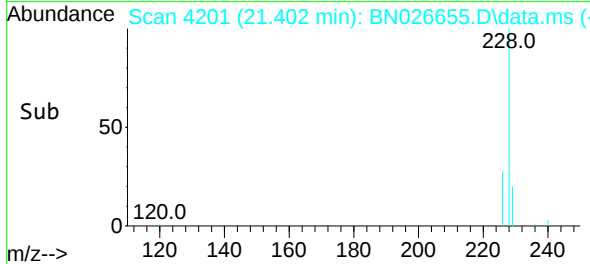
Instrument :
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Tgt Ion:228 Resp: 37535
Ion Ratio Lower Upper
228 100
229 21.3 16.7 25.1
226 29.2 23.5 35.3

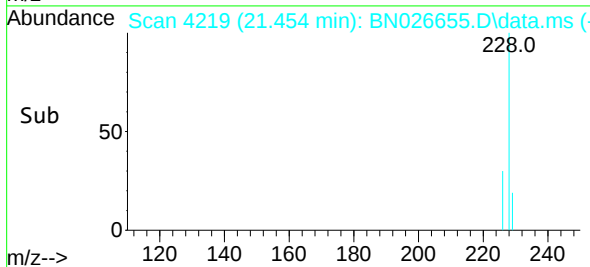
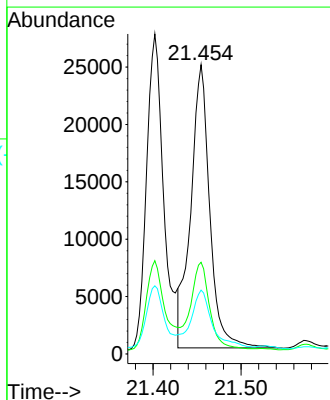
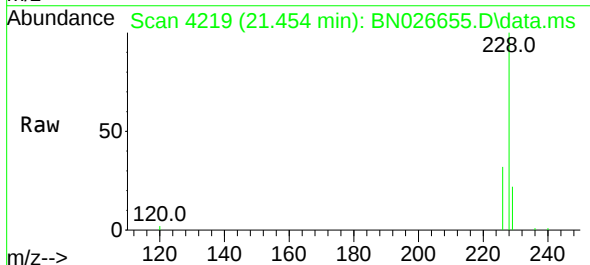
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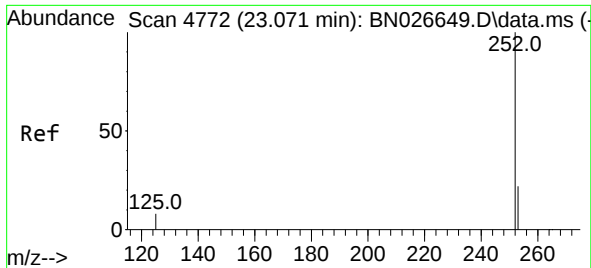
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#22
Chrysene
Concen: 1.172 ng/ul
RT: 21.454 min Scan# 4219
Delta R.T. -0.009 min
Lab File: BN026655.D
Acq: 22 Jul 2023 15:29

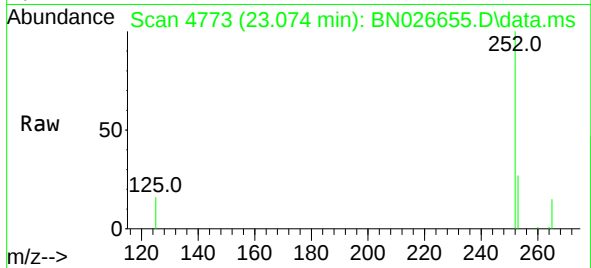
Tgt Ion:228 Resp: 37114
Ion Ratio Lower Upper
228 100
226 31.7 25.2 37.8
229 22.1 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 1.294 ng/ul m
RT: 23.074 min Scan# 4772
Delta R.T. -0.006 min
Lab File: BN026655.D
Acq: 22 Jul 2023 15:29

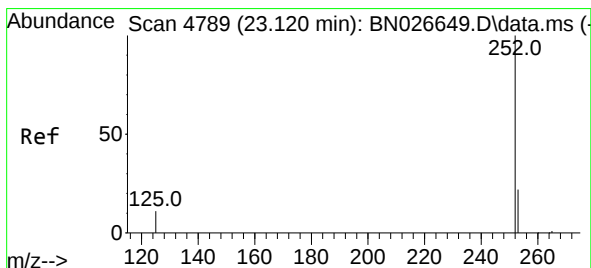
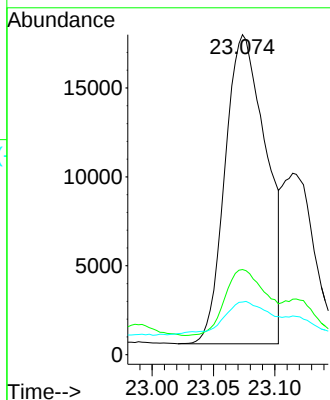
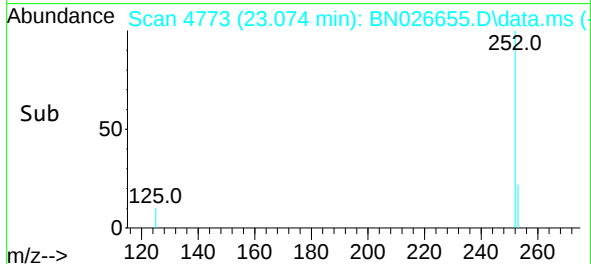
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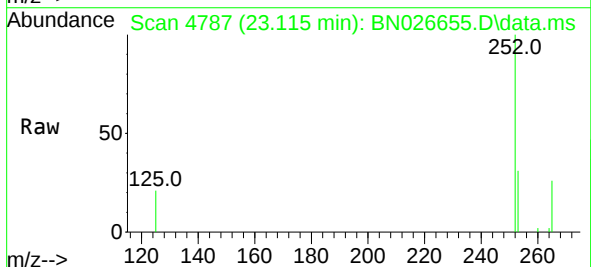
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Ion Ratio Lower Upper
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125 16.5 0.0 34.0

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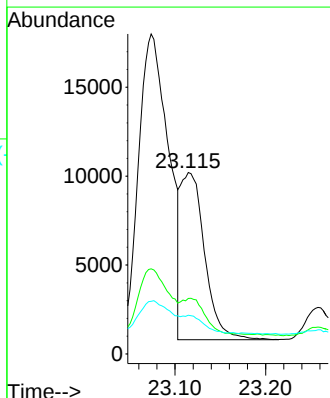
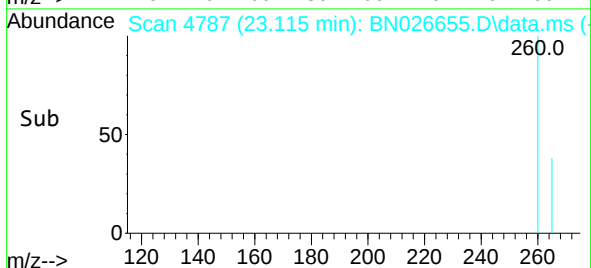
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

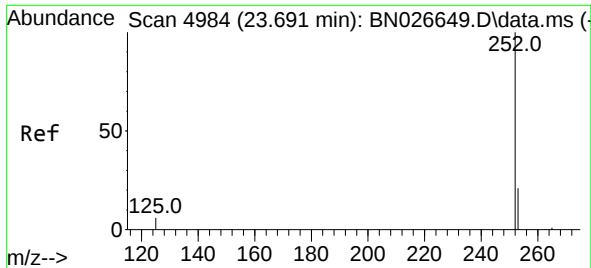


#25
Benzo(k)fluoranthene
Concen: 0.532 ng/ul m
RT: 23.115 min Scan# 4787
Delta R.T. -0.015 min
Lab File: BN026655.D
Acq: 22 Jul 2023 15:29



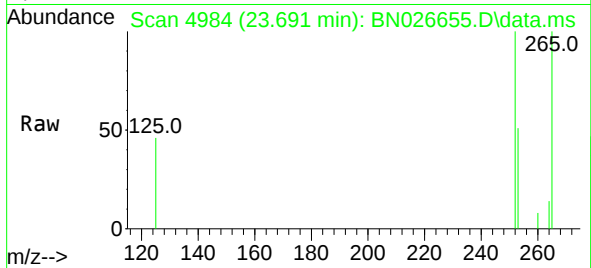
Tgt Ion:252 Resp: 17374
Ion Ratio Lower Upper
252 100
253 30.6 27.2 40.8
125 21.4 13.4 20.2#





#26
Benzo(a)pyrene
Concen: 0.164 ng/u1
RT: 23.691 min Scan# 4984
Delta R.T. -0.006 min
Lab File: BN026655.D
Acq: 22 Jul 2023 15:29

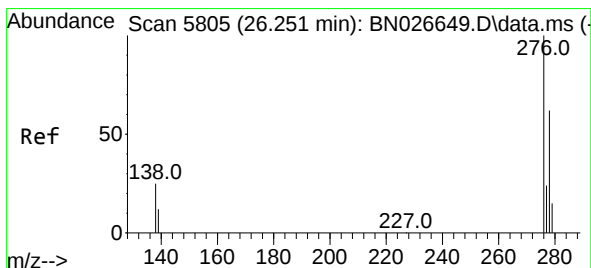
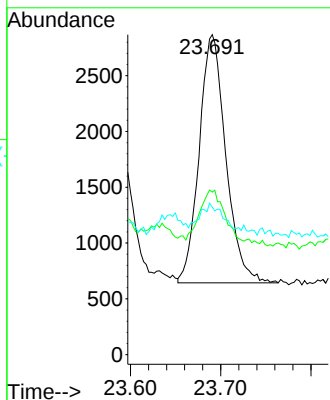
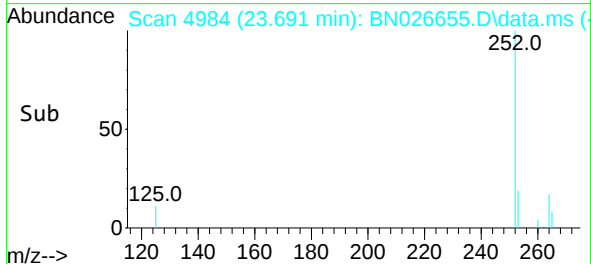
Instrument :
BNA_N
ClientSampleId :
A46S7DL



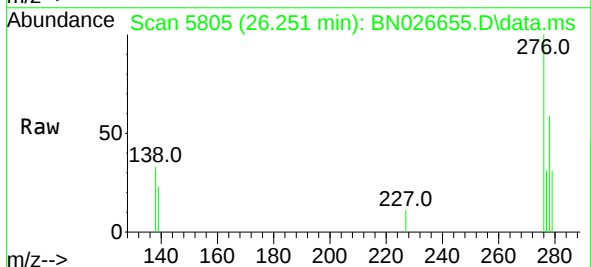
Tgt Ion:252 Resp: 4564
Ion Ratio Lower Upper
252 100
253 50.8 32.6 49.0
125 46.1 19.3 28.9

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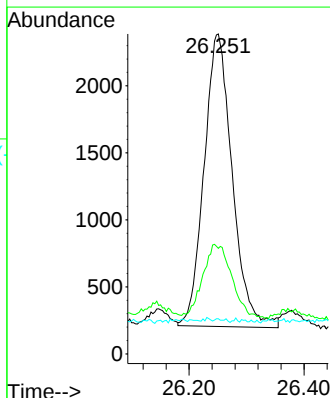
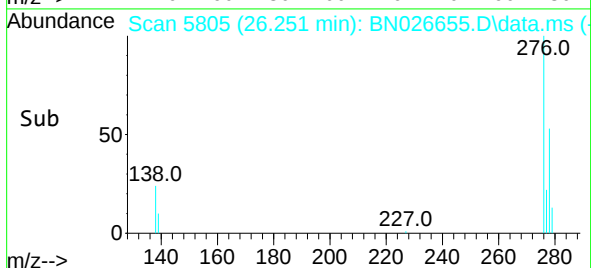
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

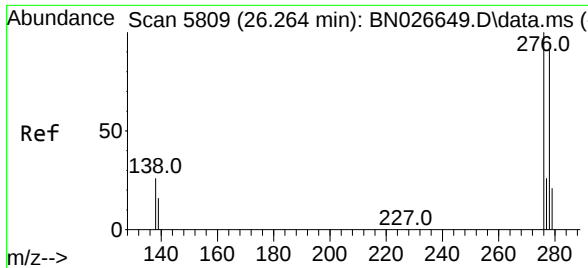


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.205 ng/u1
RT: 26.251 min Scan# 5805
Delta R.T. -0.007 min
Lab File: BN026655.D
Acq: 22 Jul 2023 15:29



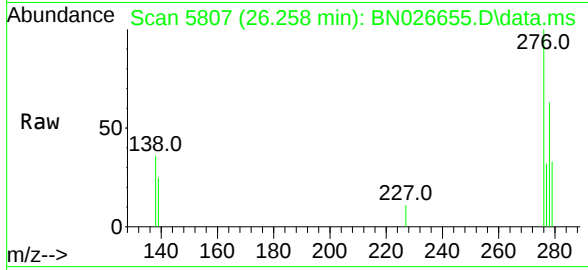
Tgt Ion:276 Resp: 7440
Ion Ratio Lower Upper
276 100
138 26.4 22.2 33.4
227 0.4 0.1 0.1





#28
 Dibenzo(a,h)anthracene
 Concen: 0.170 ng/ul
 RT: 26.258 min Scan# 5807
 Delta R.T. -0.017 min
 Lab File: BN026655.D
 Acq: 22 Jul 2023 15:29

Instrument :
 BNA_N
 ClientSampleId :
 A46S7DL



Tgt Ion: 278 Resp: 475

Ion	Ratio	Lower	Upper
278	100		
139	39.6	18.9	28.3
279	52.3	31.3	46.9

Manual Integrations
 APPROVED

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 Supervised By : mohammad ahmed 07/24/2023

