

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
 Data File : BN026629.D
 Acq On : 21 Jul 2023 15:11
 Operator : MA/JU
 Sample : 03472-21
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46R2

Manual Integrations
 APPROVED

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

Quant Time: Jul 21 16:06:24 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	7.832	152	2870	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.630	136	9773	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.472	164	5997	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.219	188	14396	0.400	ng/ul	0.00
17) Chrysene-d12	21.419	240	10990	0.400	ng/ul	0.00
23) Perylene-d12	23.793	264	10331	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.203	96	4878	1.291	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.225	152	3668	0.276	ng/ul	-0.02
18) Fluoranthene-d10	19.250	212	9986	0.262	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.680	128	7396	0.276	ng/ul	99
7) 2-Methylnaphthalene	12.302	142	711	0.047	ng/ul	98
8) 1-Methylnaphthalene	12.517	142	465	0.029	ng/ul	97
10) Acenaphthylene	14.189	152	2908	0.099	ng/ul#	92
11) Acenaphthene	14.532	153	1132	0.051	ng/ul	95
12) Fluorene	15.517	166	1897	0.081	ng/ul#	97
15) Phenanthrene	17.257	178	41110	0.897	ng/ul	98
16) Anthracene	17.350	178	7582	0.191	ng/ul	98
19) Fluoranthene	19.278	202	114251	2.218	ng/ul	99
20) Pyrene	19.645	202	27360	0.489	ng/ul#	96
21) Benzo(a)anthracene	21.405	228	44983	1.114	ng/ul	99
22) Chrysene	21.454	228	47001	1.022	ng/ul	98
24) Benzo(b)fluoranthene	23.074	252	52121m	1.295	ng/ul	
25) Benzo(k)fluoranthene	23.117	252	24491m	0.581	ng/ul	
26) Benzo(a)pyrene	23.688	252	3695	0.103	ng/ul#	47
27) Indeno(1,2,3-cd)pyrene	26.251	276	6219	0.132	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.254	278	5956	0.165	ng/ul#	82

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

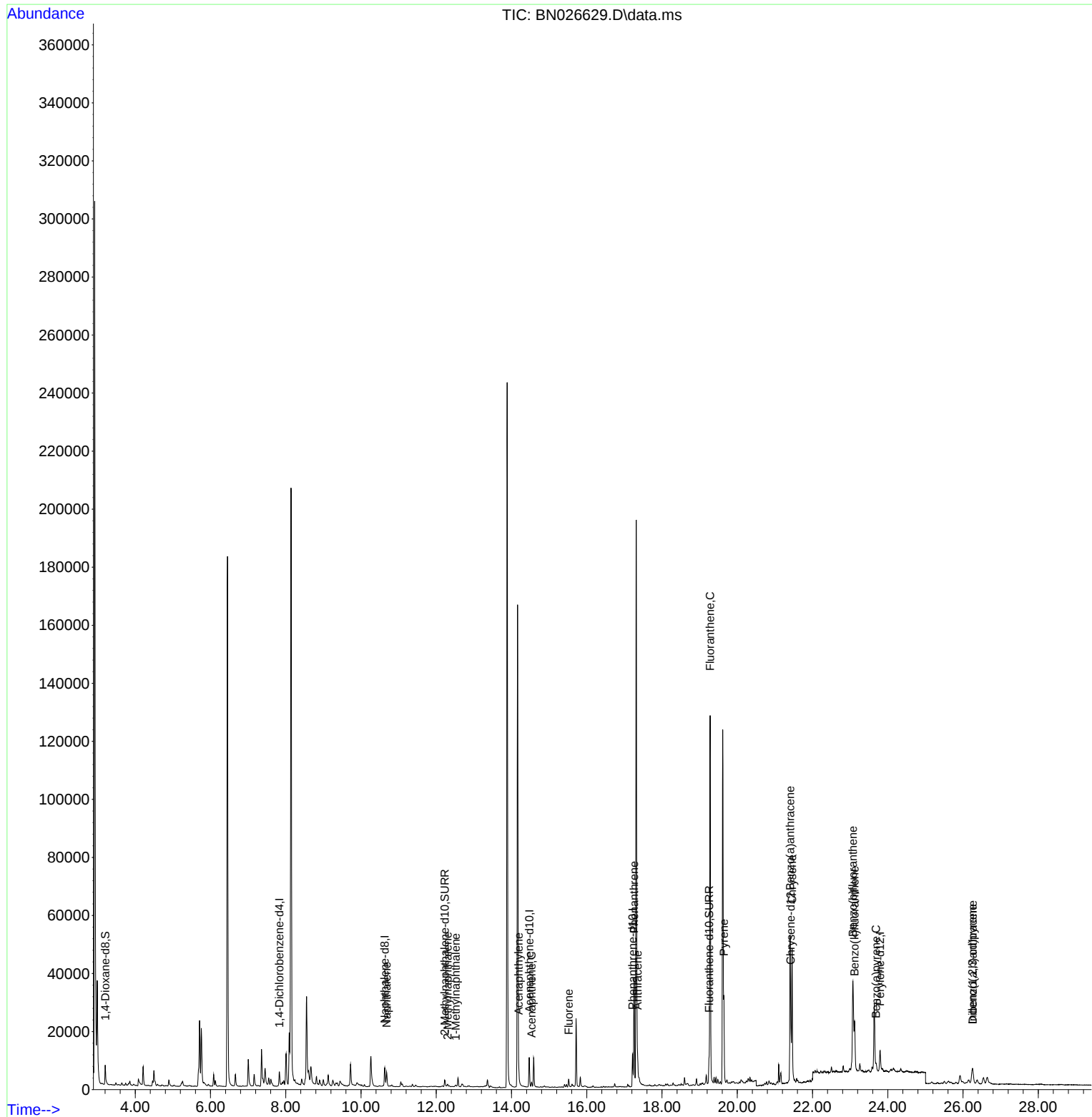
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
Data File : BN026629.D
Acq On : 21 Jul 2023 15:11
Operator : MA/JU
Sample : 03472-21
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ALS Vial : 40 Sample Multiplier: 1

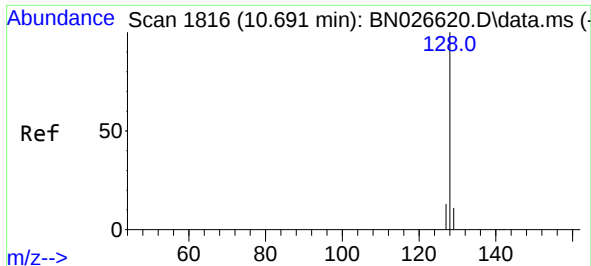
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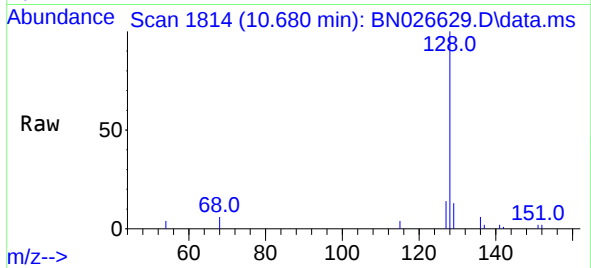
Quant Time: Jul 21 16:06:24 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 20 22:32:26 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.276 ng/ul
RT: 10.680 min Scan# 11
Delta R.T. -0.022 min
Lab File: BN026629.D
Acq: 21 Jul 2023 15:11

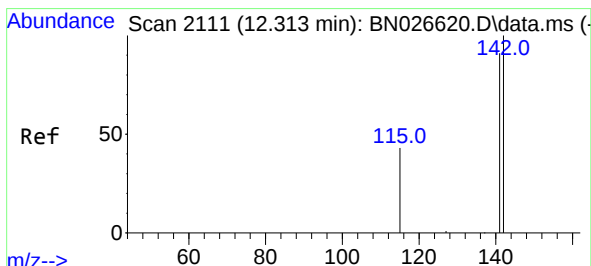
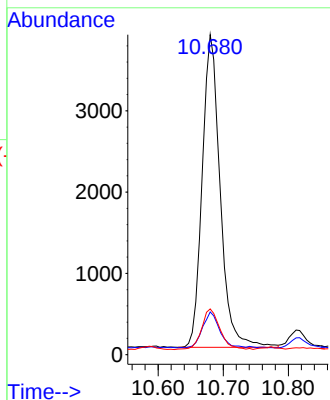
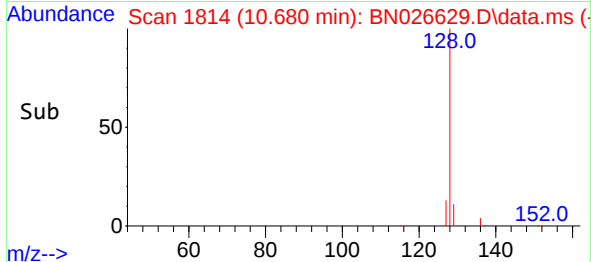
Instrument :
BNA_N
ClientSampleId :
A46R2



Tgt Ion:128 Resp: 7390
Ion Ratio Lower Upper
128 100
129 13.4 10.2 15.2
127 14.3 11.4 17.0

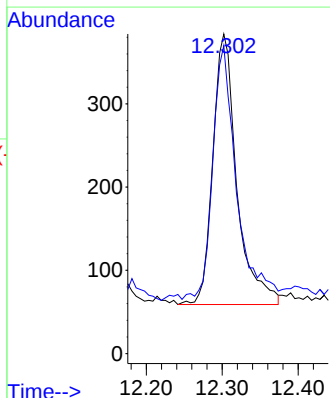
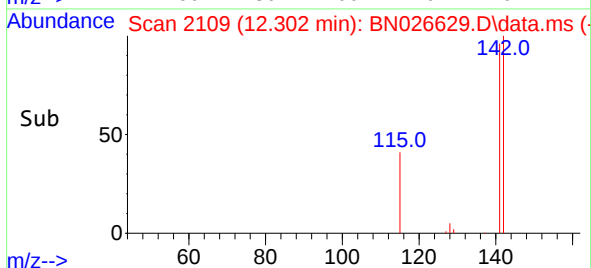
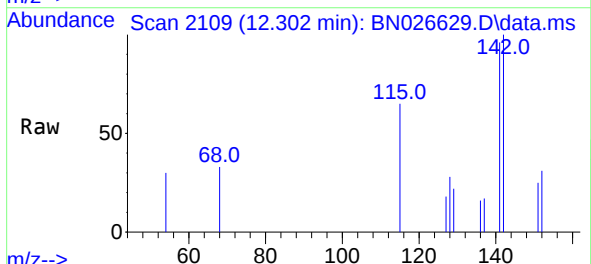
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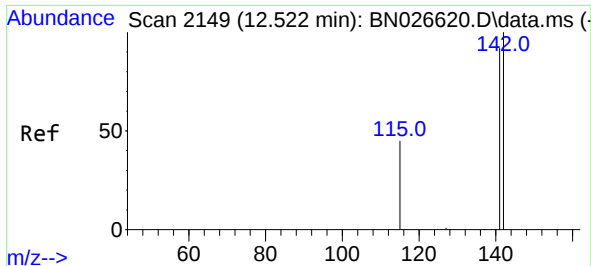
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#7
2-Methylnaphthalene
Concen: 0.047 ng/ul
RT: 12.302 min Scan# 2109
Delta R.T. -0.017 min
Lab File: BN026629.D
Acq: 21 Jul 2023 15:11

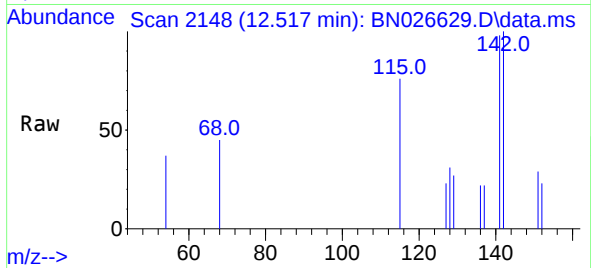
Tgt Ion:142 Resp: 711
Ion Ratio Lower Upper
142 100
141 92.1 72.3 108.5





#8
1-Methylnaphthalene
Concen: 0.029 ng/ul
RT: 12.517 min Scan# 2148
Delta R.T. -0.011 min
Lab File: BN026629.D
Acq: 21 Jul 2023 15:11

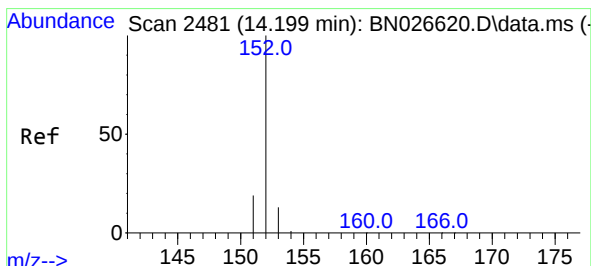
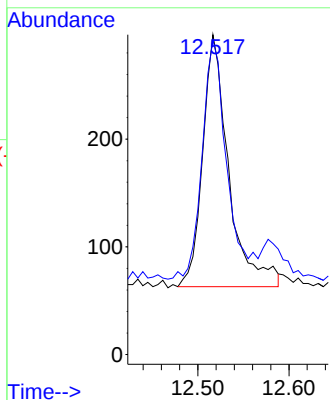
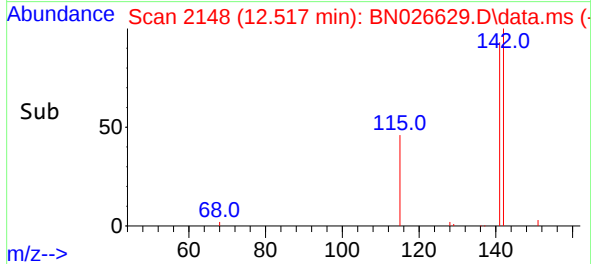
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 468
Ion Ratio Lower Upper
142 100
141 90.1 74.5 111.7

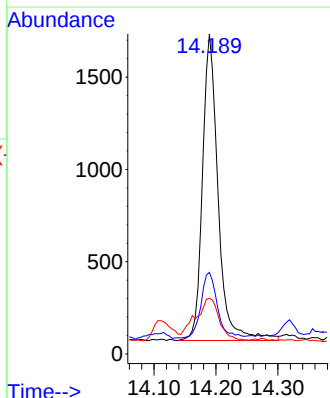
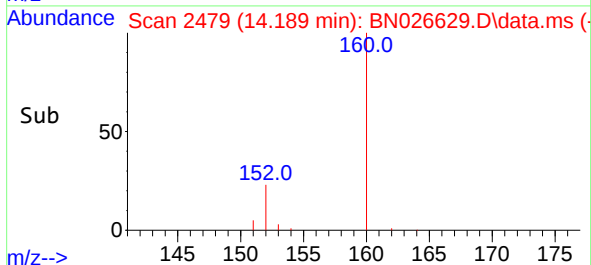
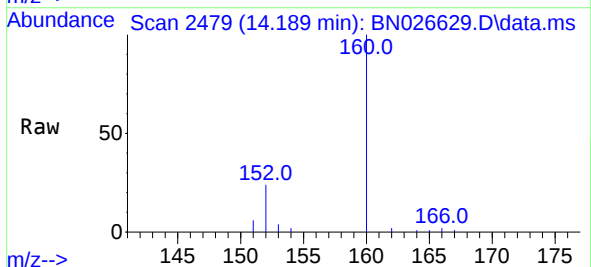
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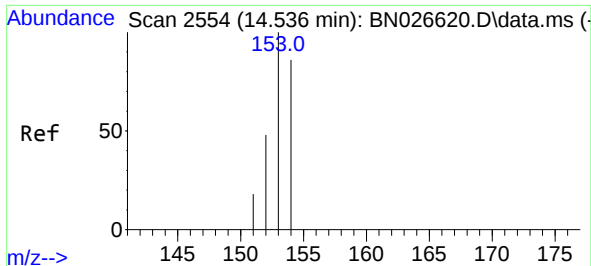
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#10
Acenaphthylene
Concen: 0.099 ng/ul
RT: 14.189 min Scan# 2479
Delta R.T. -0.014 min
Lab File: BN026629.D
Acq: 21 Jul 2023 15:11

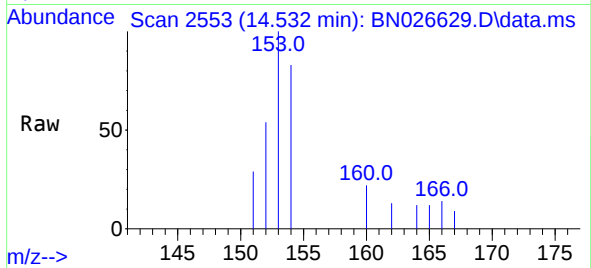
Tgt Ion:152 Resp: 2908
Ion Ratio Lower Upper
152 100
151 25.5 17.0 25.6
153 17.4 11.4 17.2#





#11
Acenaphthene
Concen: 0.051 ng/ul
RT: 14.532 min Scan# 2553
Delta R.T. -0.005 min
Lab File: BN026629.D
Acq: 21 Jul 2023 15:11

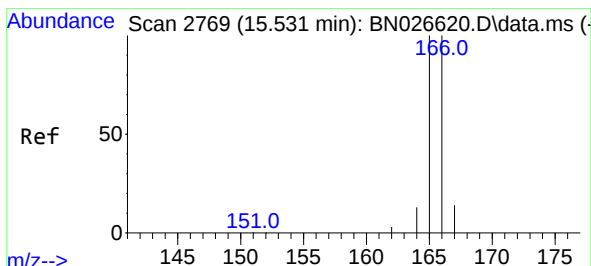
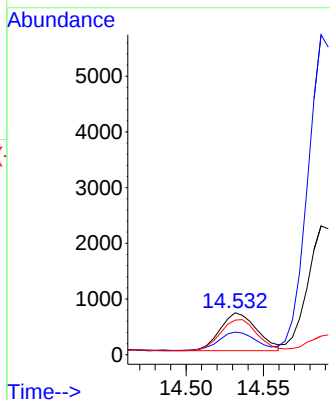
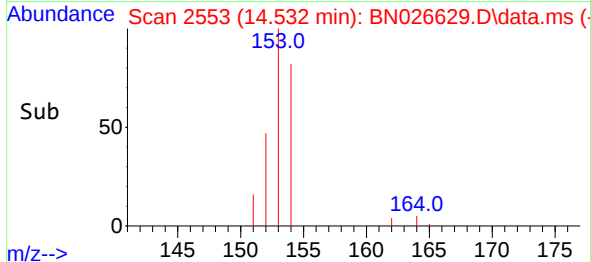
Instrument : BNA_N
ClientSampleId : A46R2



Tgt Ion:153 Resp: 1132
Ion Ratio Lower Upper
153 100
152 54.0 40.2 60.4
154 82.7 69.3 103.9

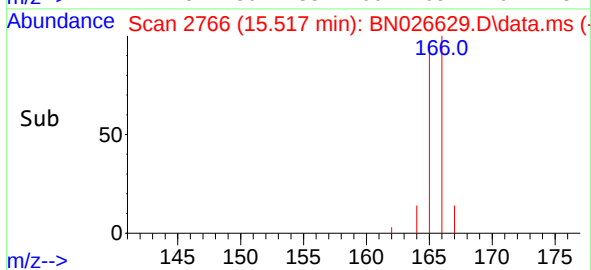
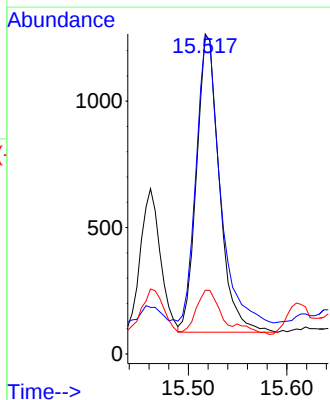
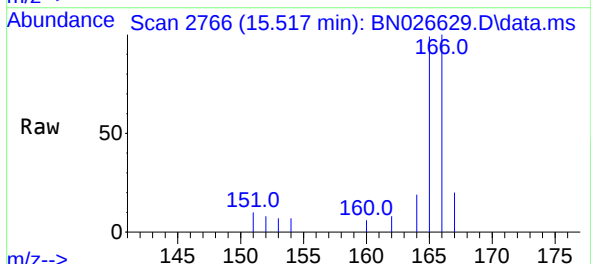
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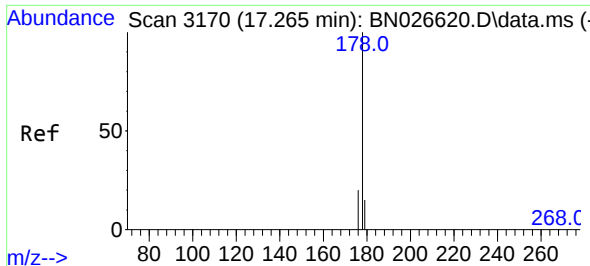
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#12
Fluorene
Concen: 0.081 ng/ul
RT: 15.517 min Scan# 2766
Delta R.T. -0.014 min
Lab File: BN026629.D
Acq: 21 Jul 2023 15:11

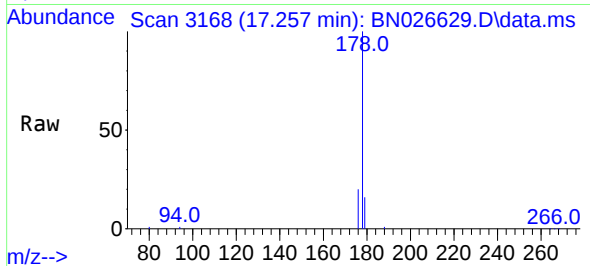
Tgt Ion:166 Resp: 1897
Ion Ratio Lower Upper
166 100
165 99.3 80.6 120.8
167 19.9 12.0 18.0#





#15
Phenanthrene
Concen: 0.897 ng/u1
RT: 17.257 min Scan# 3170
Delta R.T. -0.013 min
Lab File: BN026629.D
Acq: 21 Jul 2023 15:11

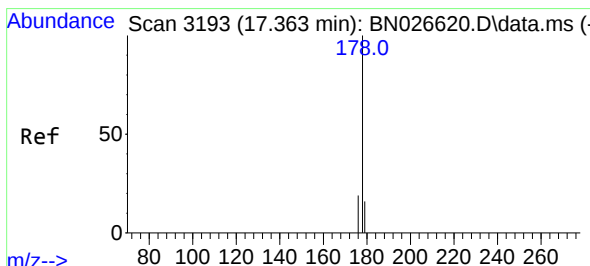
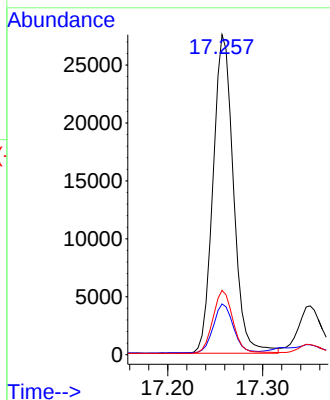
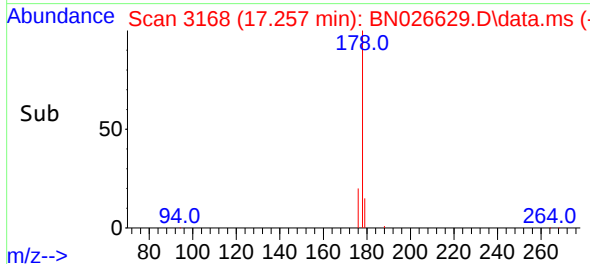
Instrument :
BNA_N
ClientSampleId :
A46R2



Tgt Ion:178 Resp: 41110
Ion Ratio Lower Upper
178 100
179 15.8 13.7 20.5
176 20.1 16.5 24.7

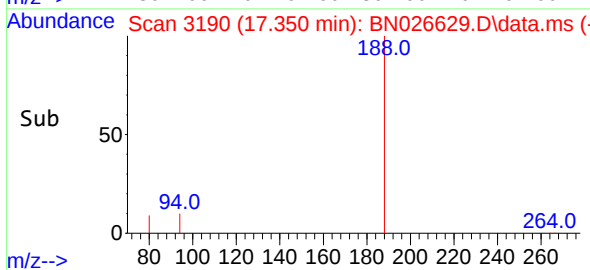
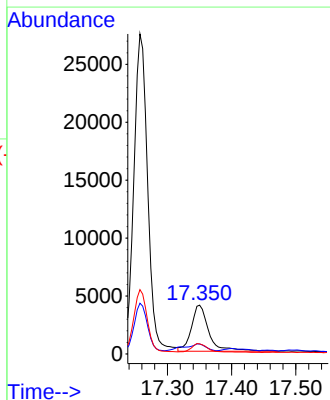
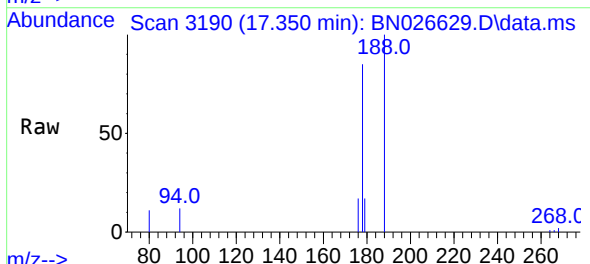
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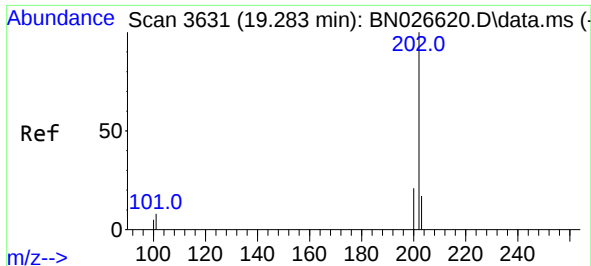
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#16
Anthracene
Concen: 0.191 ng/u1
RT: 17.350 min Scan# 3190
Delta R.T. -0.017 min
Lab File: BN026629.D
Acq: 21 Jul 2023 15:11

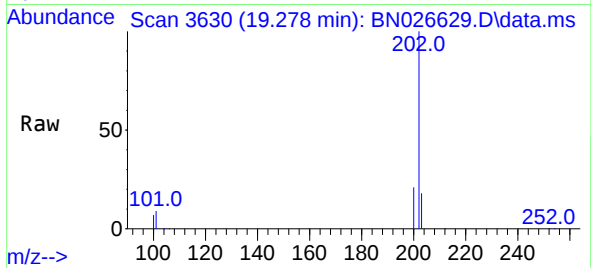
Tgt Ion:178 Resp: 7582
Ion Ratio Lower Upper
178 100
179 20.5 14.8 22.2
176 20.5 16.6 25.0





#19
Fluoranthene
Concen: 2.218 ng/u1
RT: 19.278 min Scan# 3630
Delta R.T. -0.005 min
Lab File: BN026629.D
Acq: 21 Jul 2023 15:11

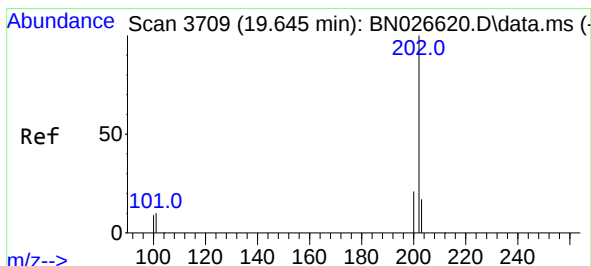
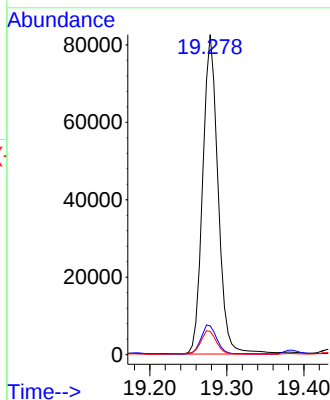
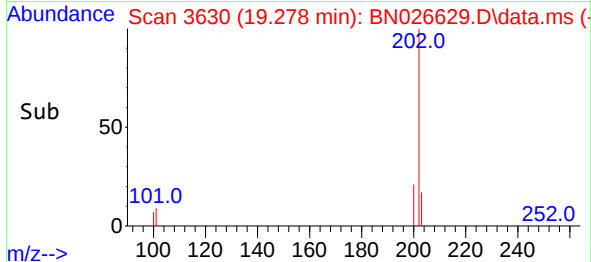
Instrument :
BNA_N
ClientSampleId :
A46R2



Tgt Ion:202 Resp: 11425
Ion Ratio Lower Upper
202 100
101 9.0 7.0 10.4
100 7.3 6.0 9.0

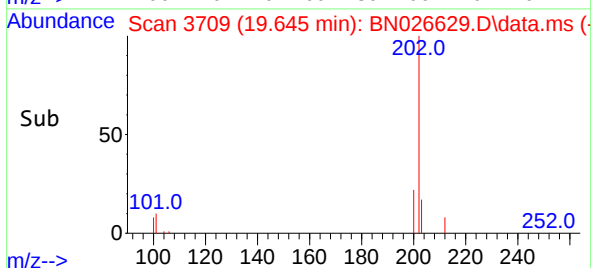
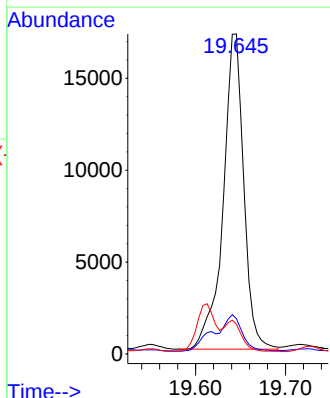
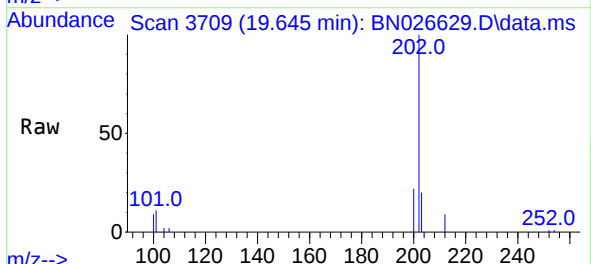
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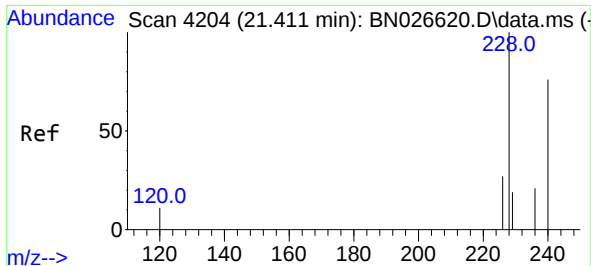
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#20
Pyrene
Concen: 0.489 ng/u1
RT: 19.645 min Scan# 3709
Delta R.T. -0.000 min
Lab File: BN026629.D
Acq: 21 Jul 2023 15:11

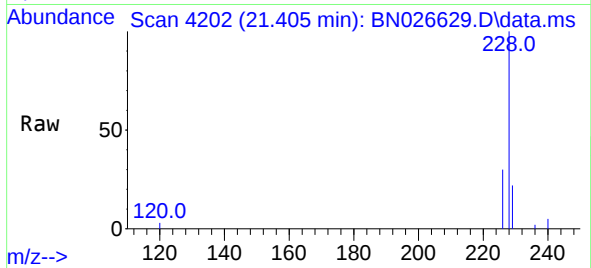
Tgt Ion:202 Resp: 27360
Ion Ratio Lower Upper
202 100
101 11.0 8.0 12.0
100 9.3 6.2 9.2#





#21
Benzo(a)anthracene
Concen: 1.114 ng/ul
RT: 21.405 min Scan# 4204
Delta R.T. 0.006 min
Lab File: BN026629.D
Acq: 21 Jul 2023 15:11

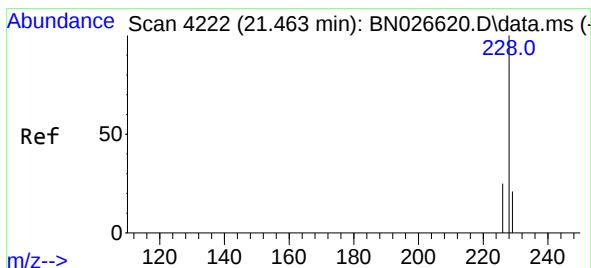
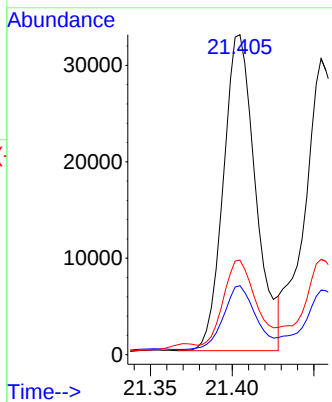
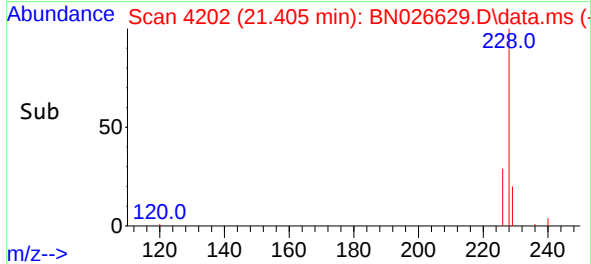
Instrument :
BNA_N
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A46R2



Tgt Ion:228 Resp: 4498
Ion Ratio Lower Upper
228 100
229 21.6 16.7 25.1
226 29.5 23.5 35.3

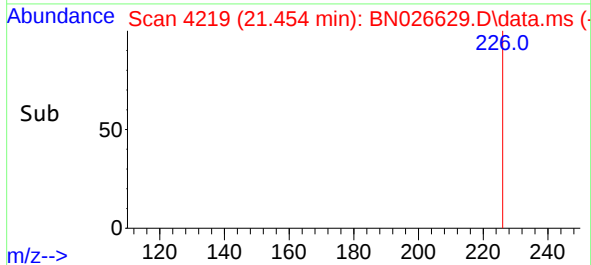
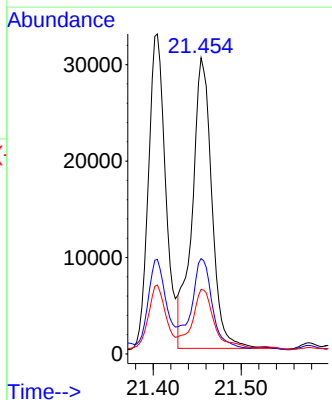
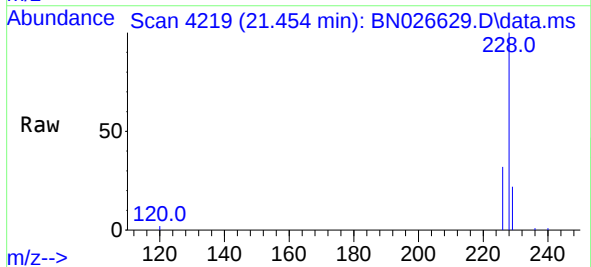
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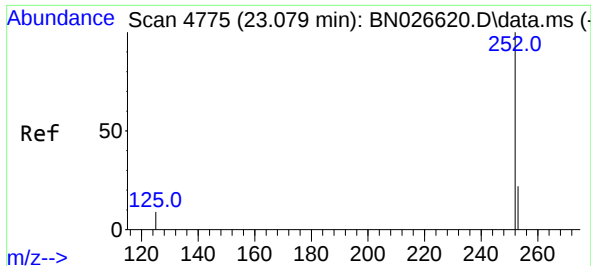
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#22
Chrysene
Concen: 1.022 ng/ul
RT: 21.454 min Scan# 4219
Delta R.T. 0.003 min
Lab File: BN026629.D
Acq: 21 Jul 2023 15:11

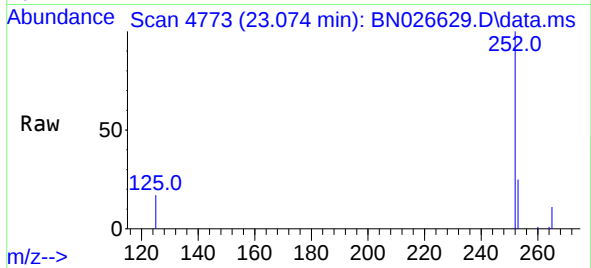
Tgt Ion:228 Resp: 47001
Ion Ratio Lower Upper
228 100
226 32.2 25.2 37.8
229 21.7 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 1.295 ng/ul m
RT: 23.074 min Scan# 4775
Delta R.T. 0.006 min
Lab File: BN026629.D
Acq: 21 Jul 2023 15:11

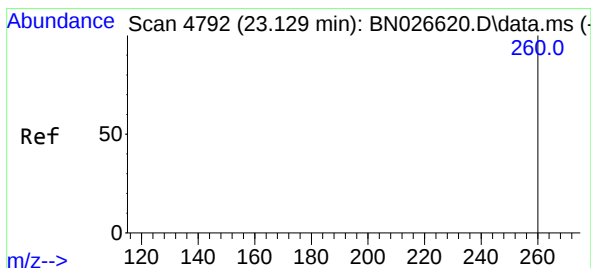
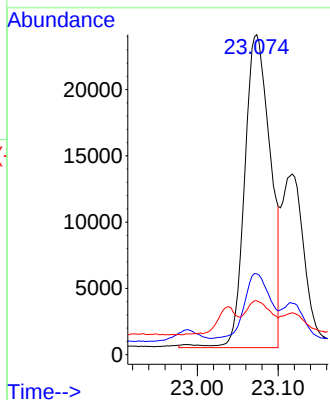
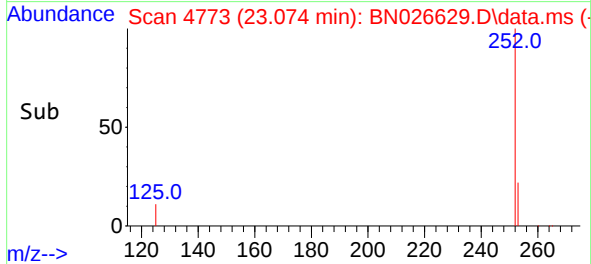
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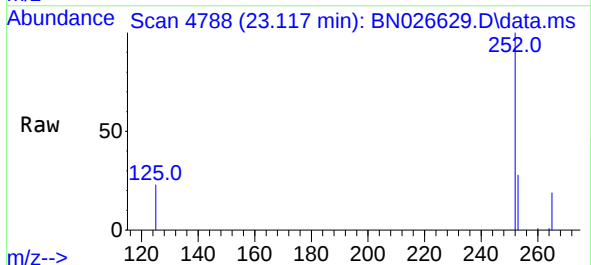
Tgt Ion:252 Resp: 5212
Ion Ratio Lower Upper
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253 25.2 0.0 68.6
125 16.8 0.0 34.0

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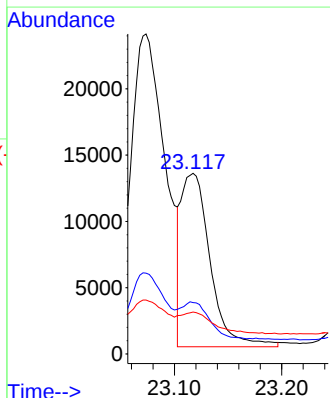
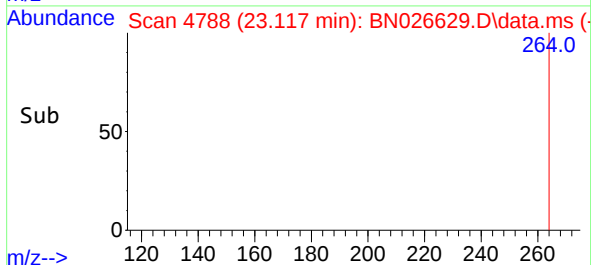
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023

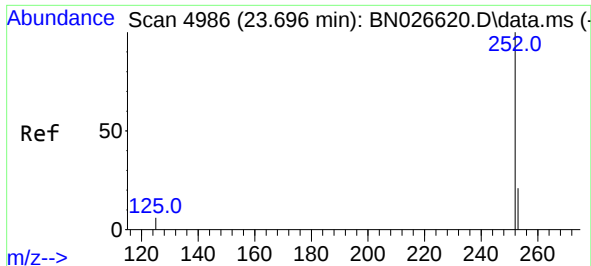


#25
Benzo(k)fluoranthene
Concen: 0.581 ng/ul m
RT: 23.117 min Scan# 4788
Delta R.T. 0.006 min
Lab File: BN026629.D
Acq: 21 Jul 2023 15:11



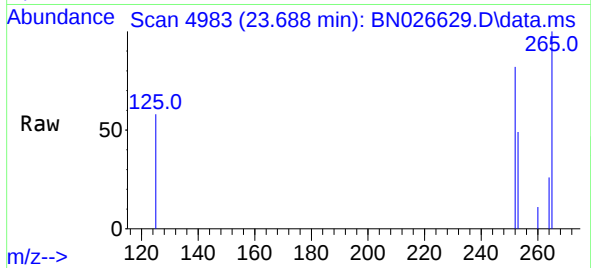
Tgt Ion:252 Resp: 24491
Ion Ratio Lower Upper
252 100
253 28.5 27.2 40.8
125 23.2 13.4 20.2#





#26
Benzo(a)pyrene
Concen: 0.103 ng/u1
RT: 23.688 min Scan# 4983
Delta R.T. 0.003 min
Lab File: BN026629.D
Acq: 21 Jul 2023 15:11

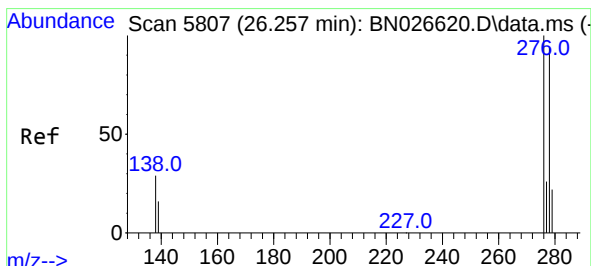
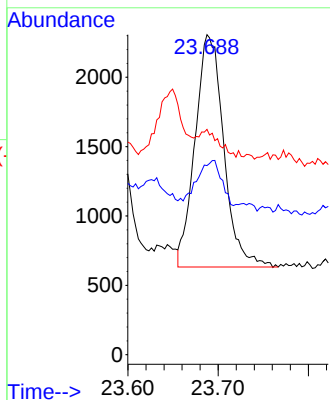
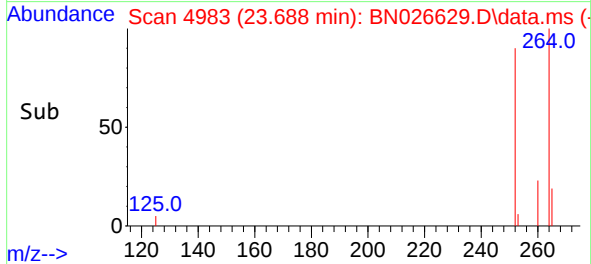
Instrument :
BNA_N
ClientSampleId :
A46R2



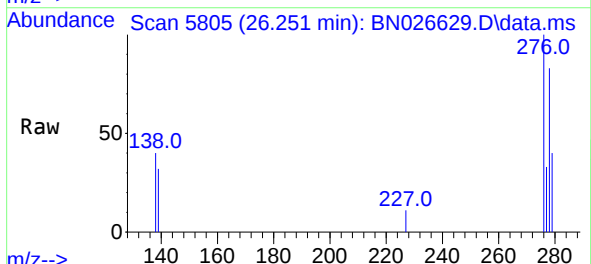
Tgt Ion:252 Resp: 369
Ion Ratio Lower Upper
252 100
253 59.1 32.6 49.0
125 70.4 19.3 28.9

Manual Integrations
APPROVED

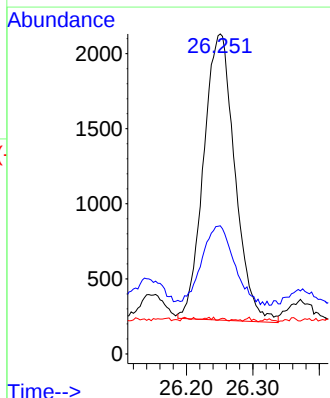
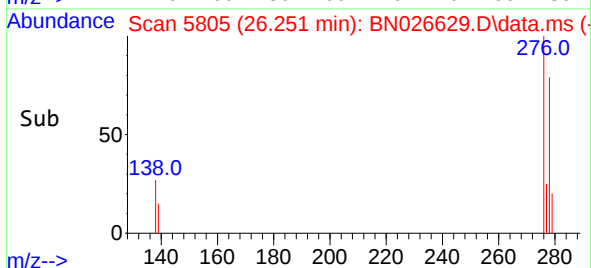
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023

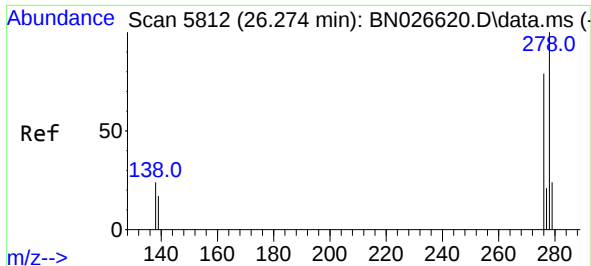


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.132 ng/u1
RT: 26.251 min Scan# 5805
Delta R.T. 0.003 min
Lab File: BN026629.D
Acq: 21 Jul 2023 15:11



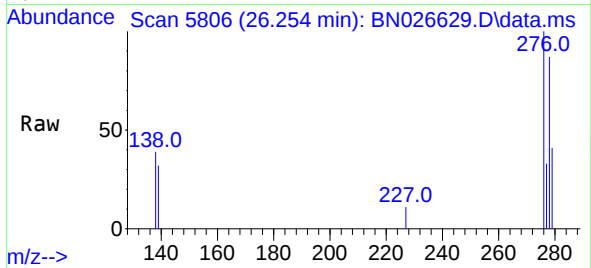
Tgt Ion:276 Resp: 6219
Ion Ratio Lower Upper
276 100
138 29.1 22.2 33.4
227 0.2 0.1 0.1





#28
 Dibenzo(a,h)anthracene
 Concen: 0.165 ng/ul
 RT: 26.254 min Scan# 5812
 Delta R.T. -0.003 min
 Lab File: BN026629.D
 Acq: 21 Jul 2023 15:11

Instrument :
 BNA_N
 ClientSampleId :
 A46R2



Tgt Ion:278 Resp: 5950
 Ion Ratio Lower Upper
 278 100
 139 36.9 18.9 28.3
 279 46.5 31.3 46.9

Manual Integrations
 APPROVED

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

