

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
 Data File : BN026696.D
 Acq On : 24 Jul 2023 03:26
 Operator : MA/JU
 Sample : 03504-09
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46W7

Manual Integrations
 APPROVED

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

Quant Time: Jul 24 03:55:28 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 : Mon Jul 24 00:39:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.819	152	9211	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.625	136	29121	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.467	164	14809	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.215	188	31896	0.400	ng/ul	0.00
17) Chrysene-d12	21.408	240	19331	0.400	ng/ul	0.00
23) Perylene-d12	23.781	264	18724	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	10129	0.835	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.214	152	8011	0.202	ng/ul	0.00
18) Fluoranthene-d10	19.246	212	14041	0.210	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.674	128	4350	0.054	ng/ul#	88
7) 2-Methylnaphthalene	12.291	142	1348	0.030	ng/ul	92
8) 1-Methylnaphthalene	12.506	142	1127	0.023	ng/ul	92
10) Acenaphthylene	14.185	152	9034	0.125	ng/ul	97
11) Acenaphthene	14.527	153	4911	0.089	ng/ul	99
12) Fluorene	15.512	166	7675	0.132	ng/ul	99
15) Phenanthrene	17.253	178	150853	1.485	ng/ul	97
16) Anthracene	17.346	178	16057	0.182	ng/ul	99
19) Fluoranthene	19.274	202	297169	3.280	ng/ul	99
20) Pyrene	19.641	202	188467	1.915	ng/ul	99
21) Benzo(a)anthracene	21.393	228	89735	1.263	ng/ul	99
22) Chrysene	21.443	228	105081	1.300	ng/ul	99
24) Benzo(b)fluoranthene	23.059	252	120355m	1.650	ng/ul	
25) Benzo(k)fluoranthene	23.103	252	48839m	0.639	ng/ul	
26) Benzo(a)pyrene	23.673	252	19344	0.298	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.231	276	42934	0.504	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.237	278	13251	0.203	ng/ul#	85
29) Benzo(g,h,i)perylene	26.985	276	3002	0.040	ng/ul#	43

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

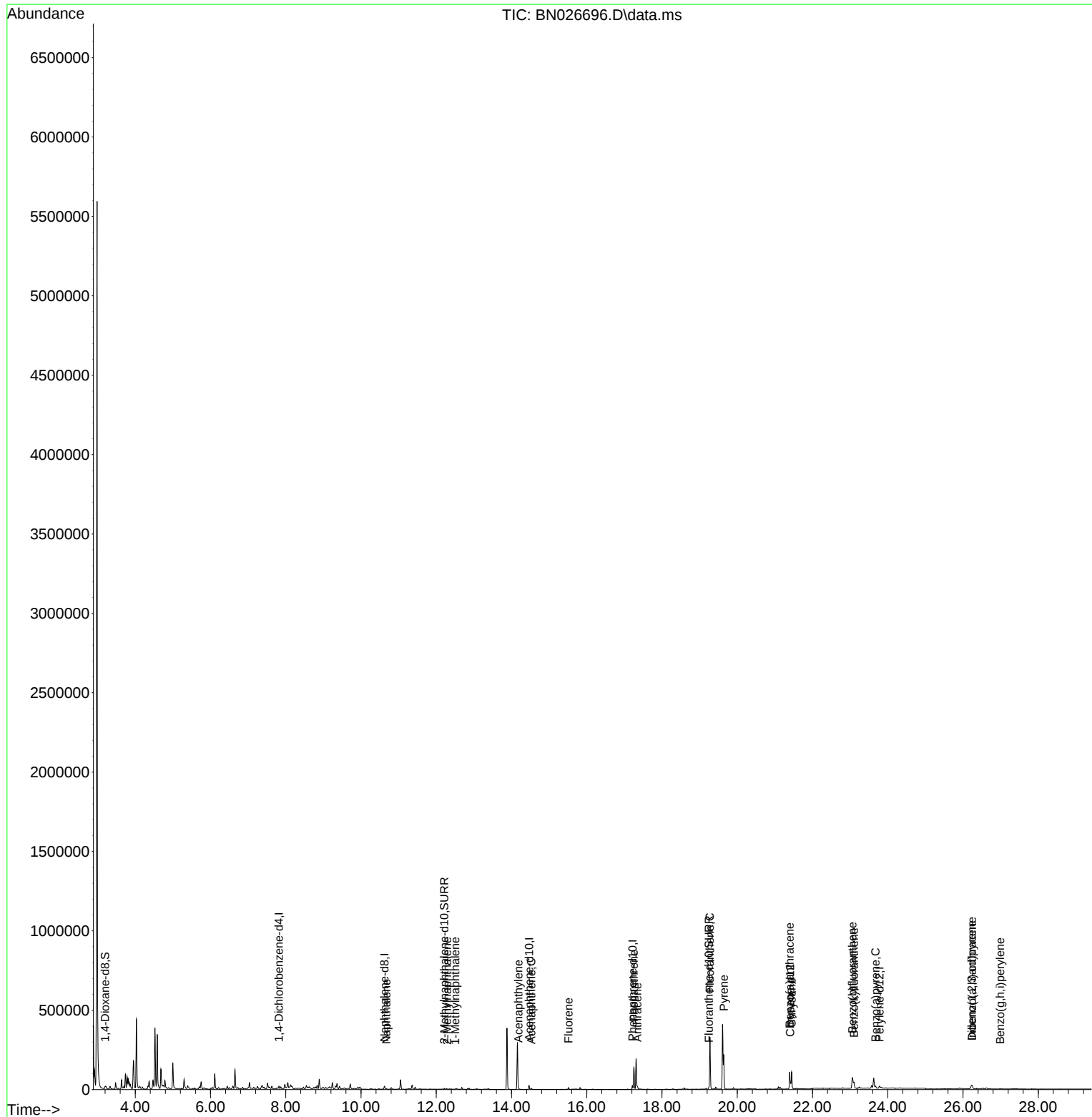
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
Data File : BN026696.D
Acq On : 24 Jul 2023 03:26
Operator : MA/JU
Sample : 03504-09
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ALS Vial : 30 Sample Multiplier: 1

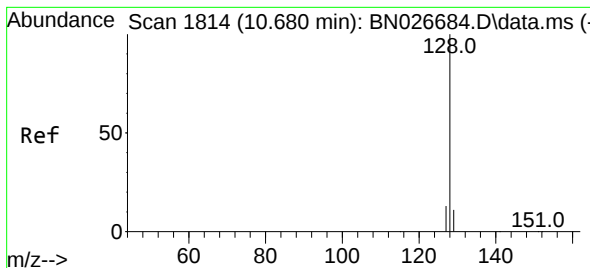
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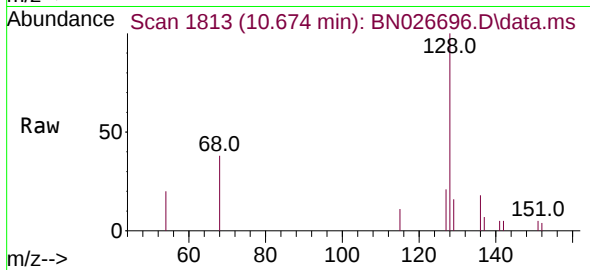
Quant Time: Jul 24 03:55:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 24 00:39:11 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.054 ng/ul
RT: 10.674 min Scan# 1814
Delta R.T. -0.000 min
Lab File: BN026696.D
Acq: 24 Jul 2023 03:26

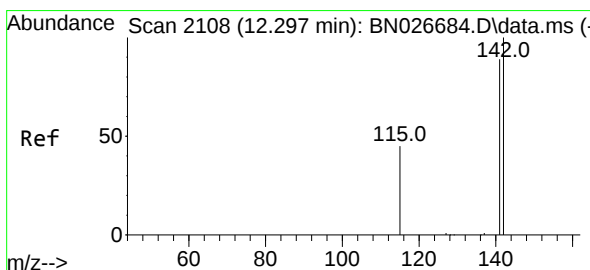
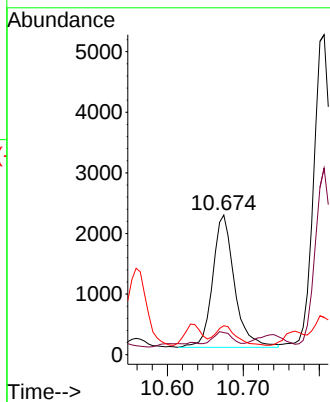
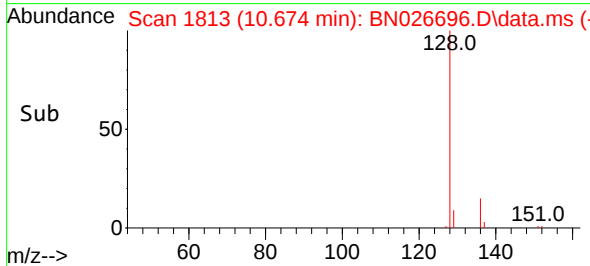
Instrument :
BNA_N
ClientSampleId :
A46W7



Tgt Ion:128 Resp: 4350
Ion Ratio Lower Upper
128 100
129 15.9 10.2 15.2
127 20.8 11.4 17.0

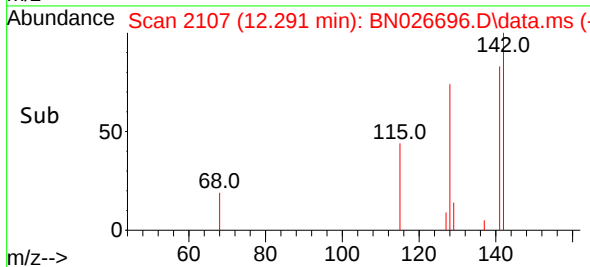
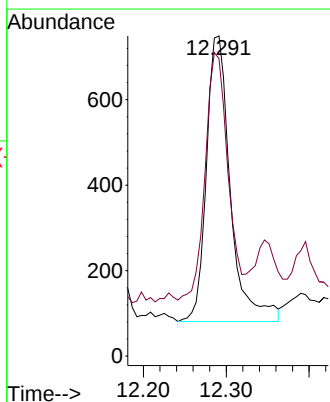
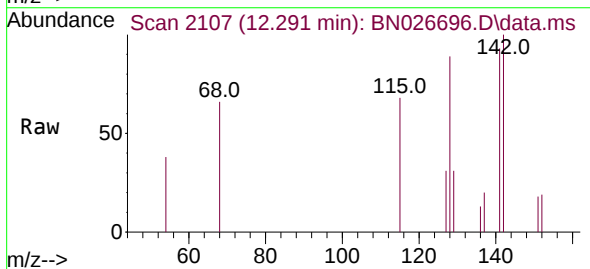
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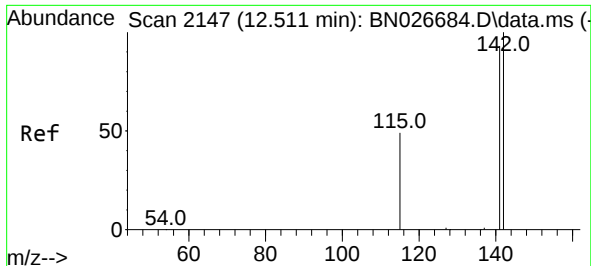
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#7
2-Methylnaphthalene
Concen: 0.030 ng/ul
RT: 12.291 min Scan# 2107
Delta R.T. -0.006 min
Lab File: BN026696.D
Acq: 24 Jul 2023 03:26

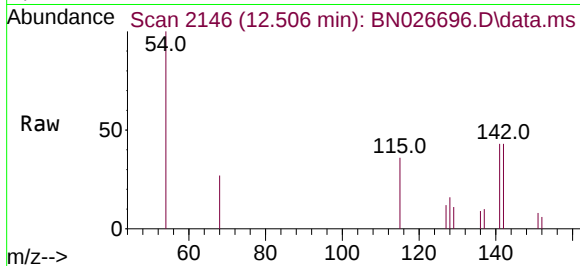
Tgt Ion:142 Resp: 1348
Ion Ratio Lower Upper
142 100
141 82.6 72.3 108.5





#8
1-Methylnaphthalene
Concen: 0.023 ng/ul
RT: 12.506 min Scan# 2147
Delta R.T. -0.006 min
Lab File: BN026696.D
Acq: 24 Jul 2023 03:26

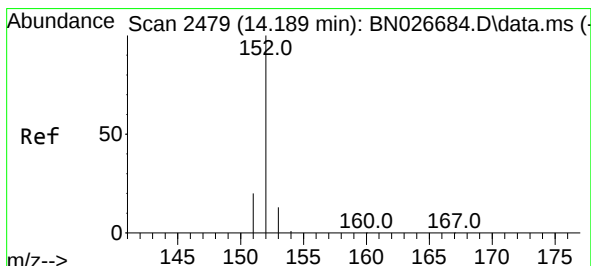
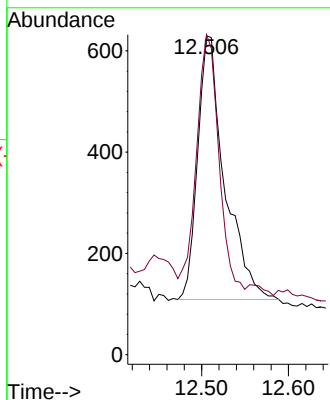
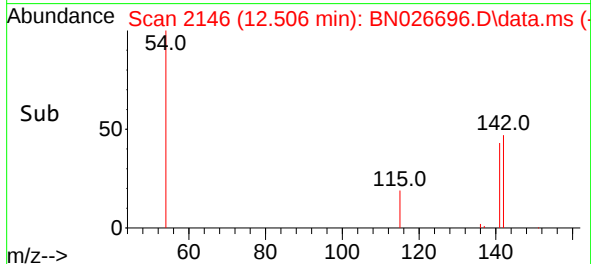
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 112
Ion Ratio Lower Upper
142 100
141 85.4 74.5 111.7

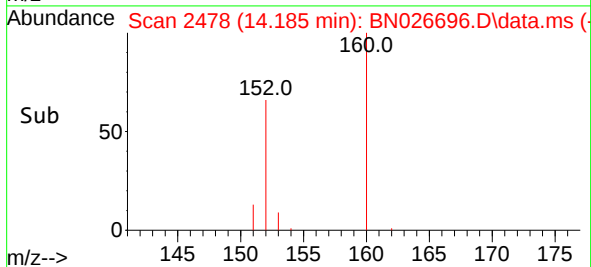
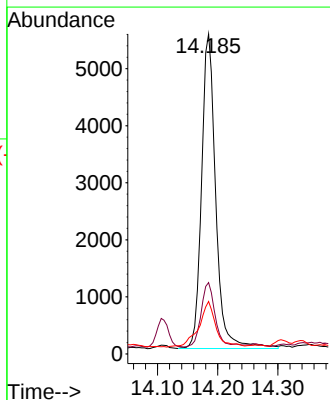
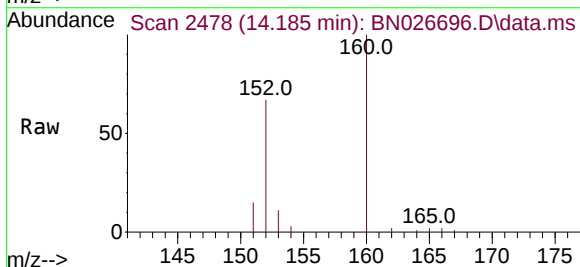
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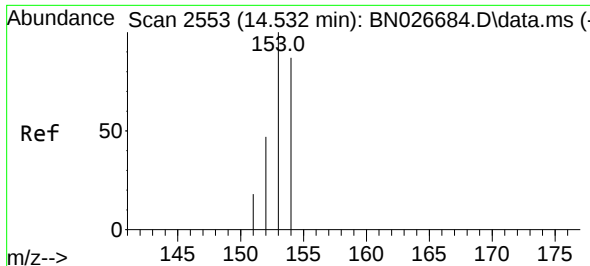
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#10
Acenaphthylene
Concen: 0.125 ng/ul
RT: 14.185 min Scan# 2478
Delta R.T. -0.005 min
Lab File: BN026696.D
Acq: 24 Jul 2023 03:26

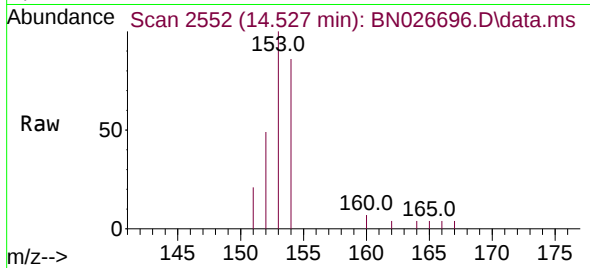
Tgt Ion:152 Resp: 9034
Ion Ratio Lower Upper
152 100
151 22.3 17.0 25.6
153 16.4 11.4 17.2





#11
Acenaphthene
Concen: 0.089 ng/ul
RT: 14.527 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN026696.D
Acq: 24 Jul 2023 03:26

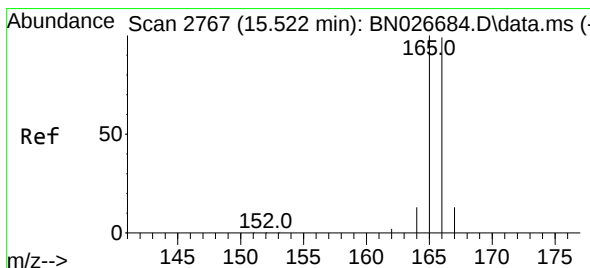
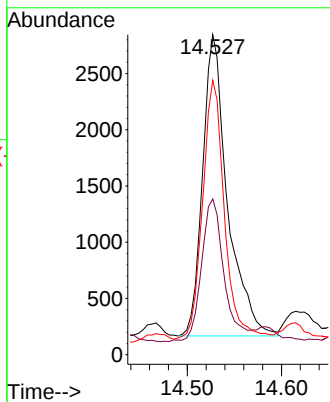
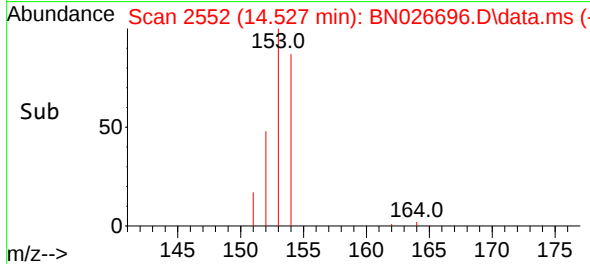
Instrument :
BNA_N
ClientSampleId :
A46W7



Tgt Ion:153 Resp: 491
Ion Ratio Lower Upper
153 100
152 48.7 40.2 60.4
154 85.8 69.3 103.9

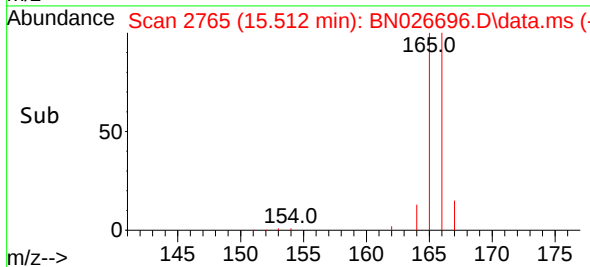
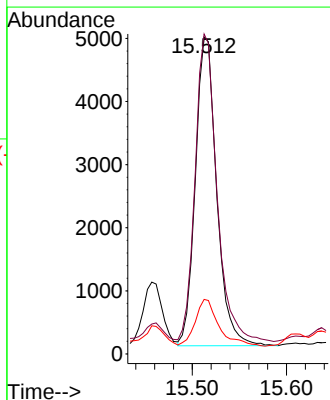
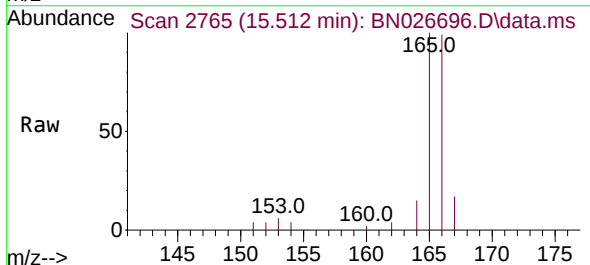
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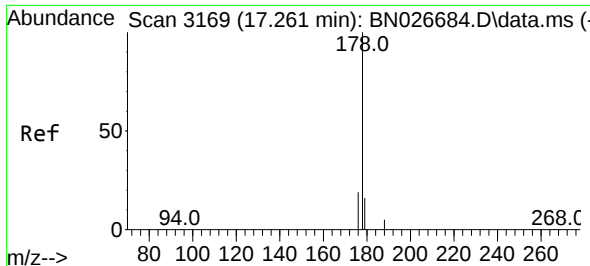
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#12
Fluorene
Concen: 0.132 ng/ul
RT: 15.512 min Scan# 2765
Delta R.T. -0.005 min
Lab File: BN026696.D
Acq: 24 Jul 2023 03:26

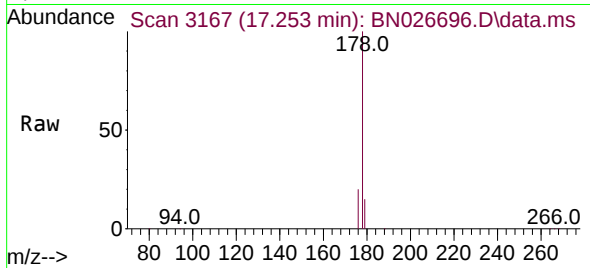
Tgt Ion:166 Resp: 7675
Ion Ratio Lower Upper
166 100
165 101.0 80.6 120.8
167 17.2 12.0 18.0





#15
Phenanthrene
Concen: 1.485 ng/u1
RT: 17.253 min Scan# 3169
Delta R.T. -0.004 min
Lab File: BN026696.D
Acq: 24 Jul 2023 03:26

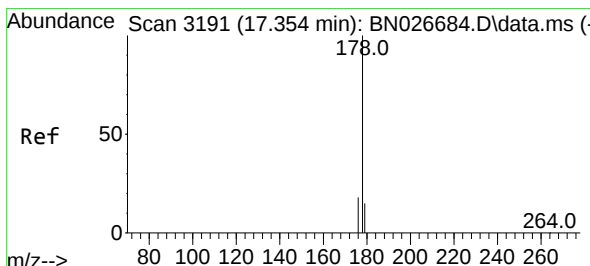
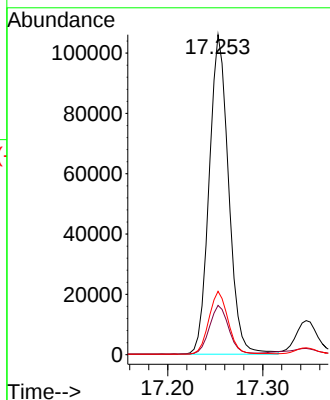
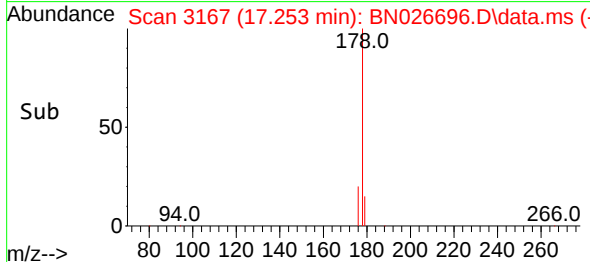
Instrument :
BNA_N
ClientSampleId :
A46W7



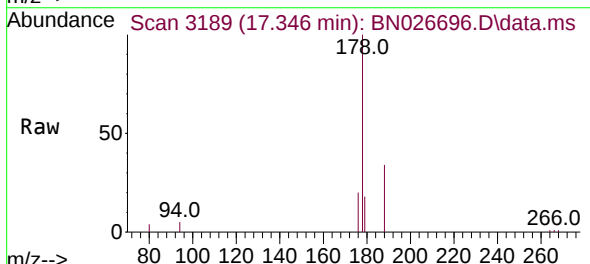
Tgt Ion:178 Resp: 15085
Ion Ratio Lower Upper
178 100
179 15.4 13.7 20.5
176 19.8 16.5 24.7

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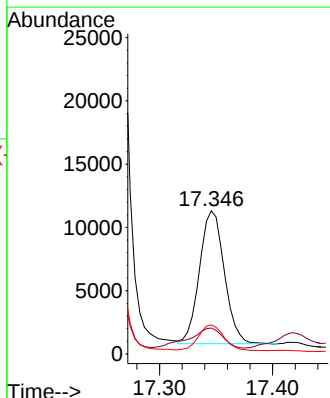
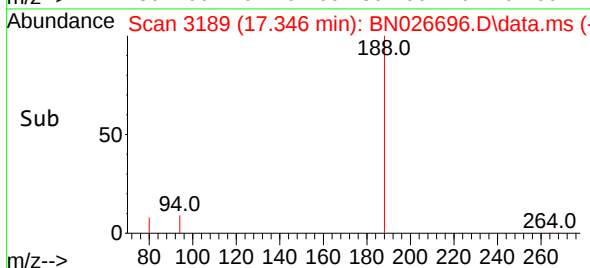
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

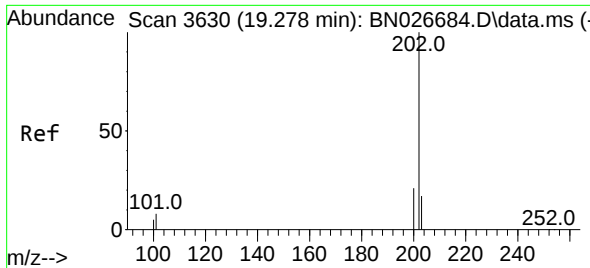


#16
Anthracene
Concen: 0.182 ng/u1
RT: 17.346 min Scan# 3189
Delta R.T. -0.004 min
Lab File: BN026696.D
Acq: 24 Jul 2023 03:26



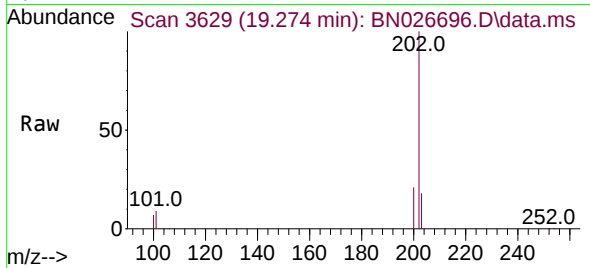
Tgt Ion:178 Resp: 16057
Ion Ratio Lower Upper
178 100
179 18.1 14.8 22.2
176 20.3 16.6 25.0





#19
Fluoranthene
Concen: 3.280 ng/u1
RT: 19.274 min Scan# 3629
Delta R.T. -0.005 min
Lab File: BN026696.D
Acq: 24 Jul 2023 03:26

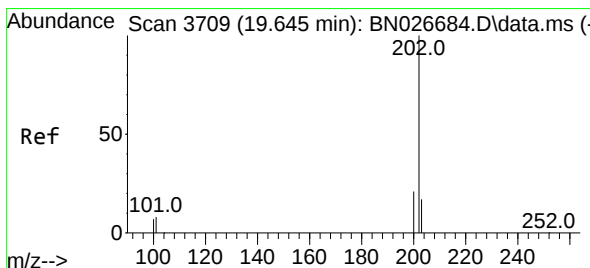
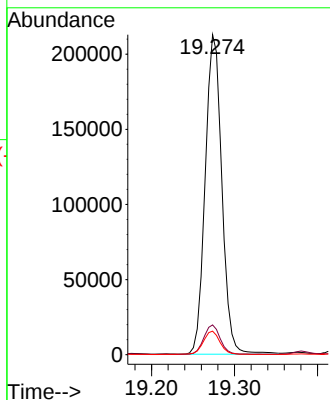
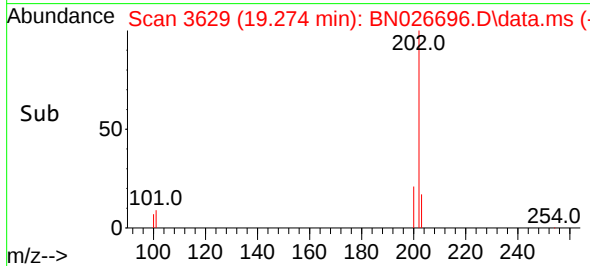
Instrument :
BNA_N
ClientSampleId :
A46W7



Tgt Ion:202 Resp: 297169
Ion Ratio Lower Upper
202 100
101 9.3 7.0 10.4
100 7.4 6.0 9.0

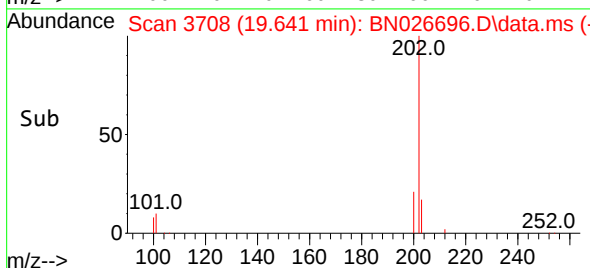
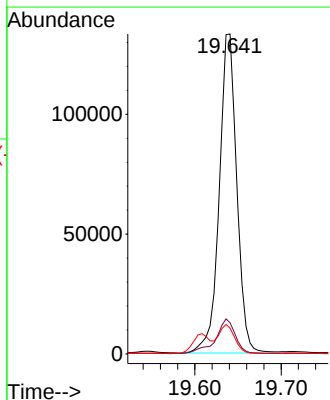
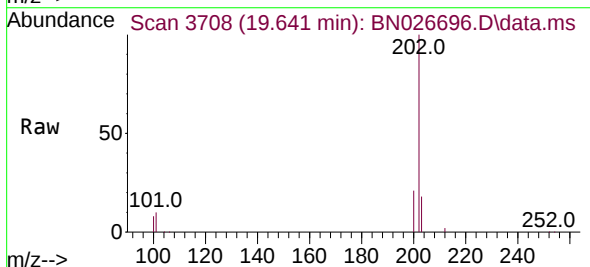
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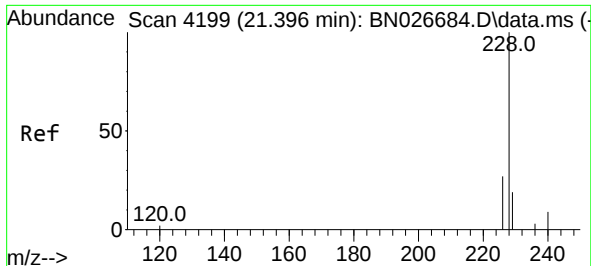
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#20
Pyrene
Concen: 1.915 ng/u1
RT: 19.641 min Scan# 3708
Delta R.T. -0.005 min
Lab File: BN026696.D
Acq: 24 Jul 2023 03:26

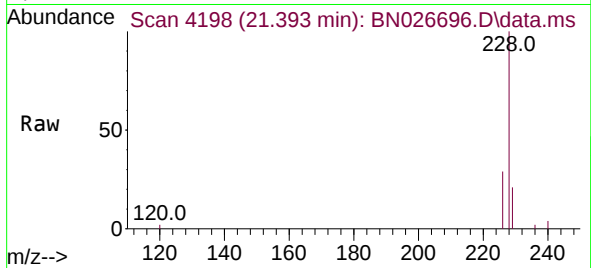
Tgt Ion:202 Resp: 188467
Ion Ratio Lower Upper
202 100
101 9.7 8.0 12.0
100 8.0 6.2 9.2





#21
Benzo(a)anthracene
Concen: 1.263 ng/ul
RT: 21.393 min Scan# 4199
Delta R.T. -0.009 min
Lab File: BN026696.D
Acq: 24 Jul 2023 03:26

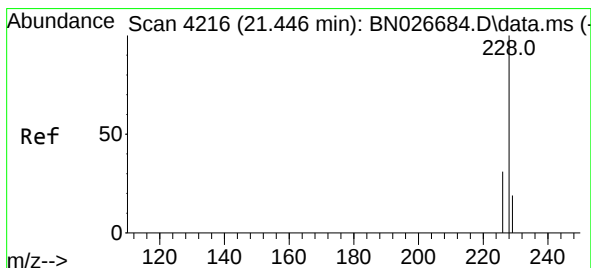
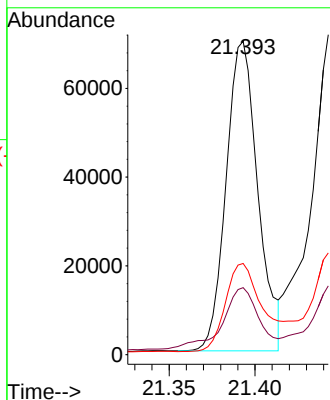
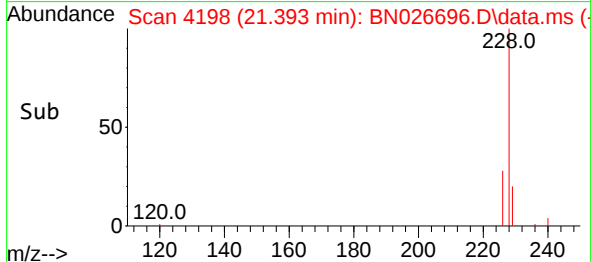
Instrument :
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Tgt Ion:228 Resp: 89735
Ion Ratio Lower Upper
228 100
229 21.4 16.7 25.1
226 29.1 23.5 35.3

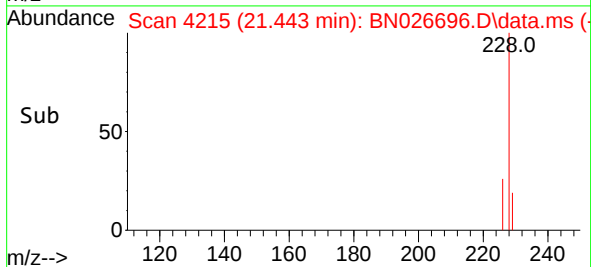
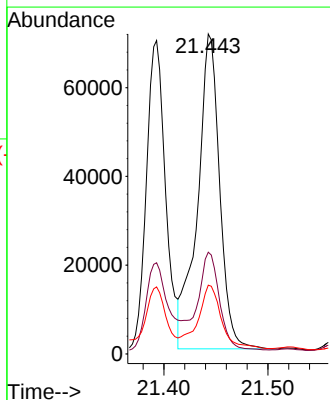
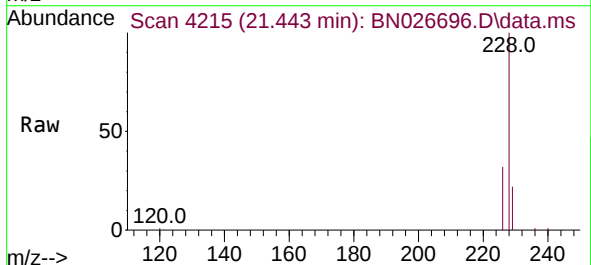
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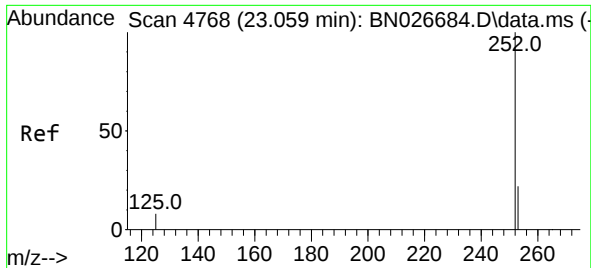
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#22
Chrysene
Concen: 1.300 ng/ul
RT: 21.443 min Scan# 4215
Delta R.T. -0.012 min
Lab File: BN026696.D
Acq: 24 Jul 2023 03:26

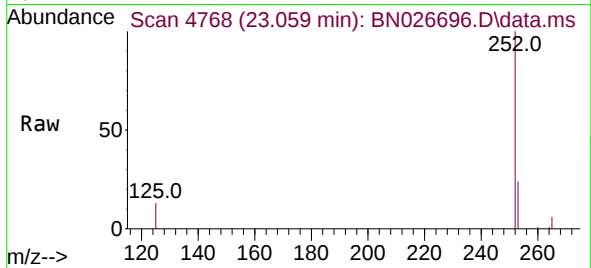
Tgt Ion:228 Resp: 105081
Ion Ratio Lower Upper
228 100
226 31.8 25.2 37.8
229 21.5 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 1.650 ng/ul m
RT: 23.059 min Scan# 4768
Delta R.T. -0.009 min
Lab File: BN026696.D
Acq: 24 Jul 2023 03:26

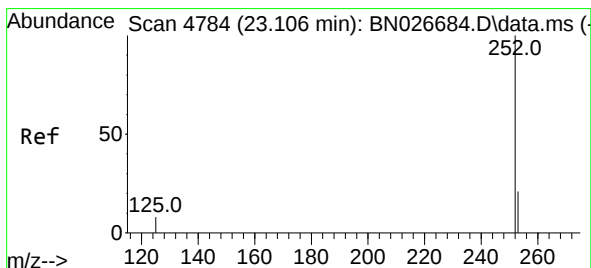
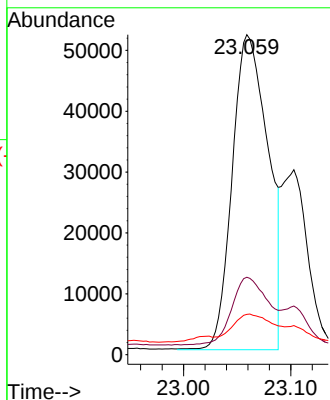
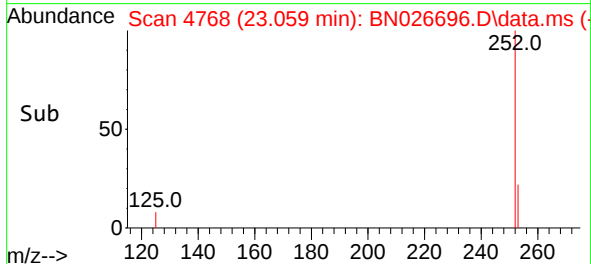
Instrument :
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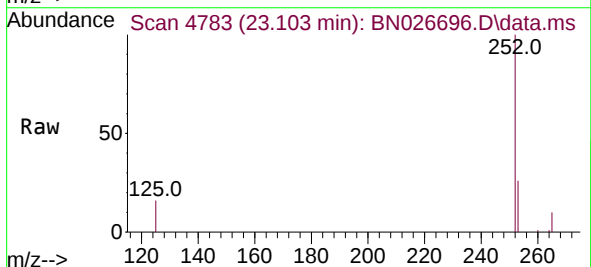
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Ion Ratio Lower Upper
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125 12.6 0.0 34.0

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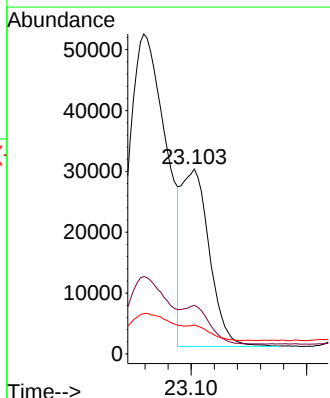
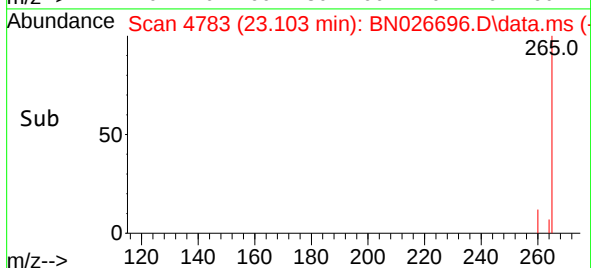
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

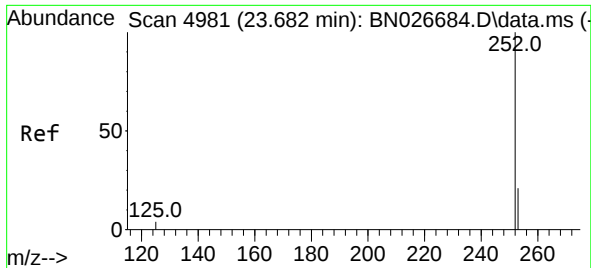


#25
Benzo(k)fluoranthene
Concen: 0.639 ng/ul m
RT: 23.103 min Scan# 4783
Delta R.T. -0.012 min
Lab File: BN026696.D
Acq: 24 Jul 2023 03:26



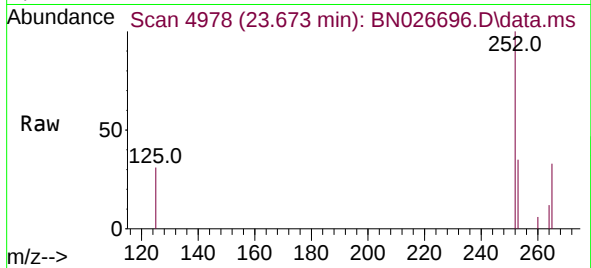
Tgt Ion:252 Resp: 48839
Ion Ratio Lower Upper
252 100
253 26.3 27.2 40.8#
125 15.8 13.4 20.2





#26
Benzo(a)pyrene
Concen: 0.298 ng/ul
RT: 23.673 min Scan# 4981
Delta R.T. -0.012 min
Lab File: BN026696.D
Acq: 24 Jul 2023 03:26

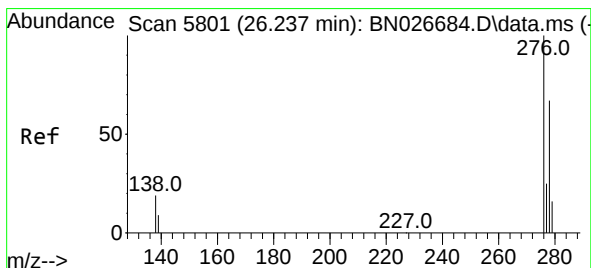
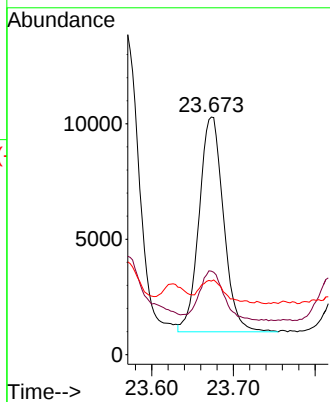
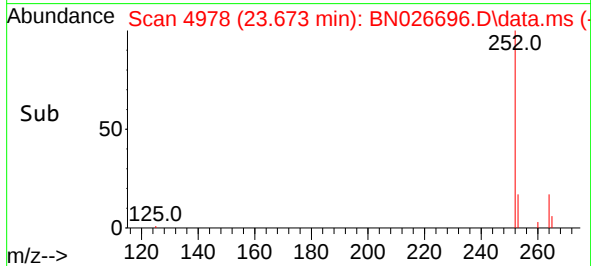
Instrument :
BNA_N
ClientSampleId :
A46W7



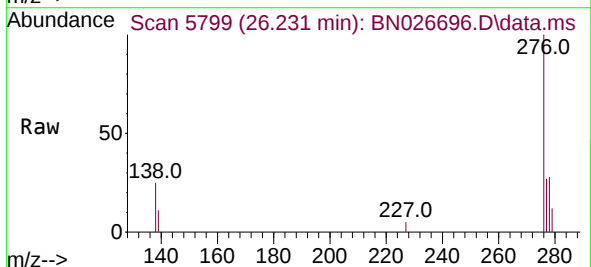
Tgt Ion:252 Resp: 19344
Ion Ratio Lower Upper
252 100
253 35.1 32.6 49.0
125 30.9 19.3 28.9

Manual Integrations
APPROVED

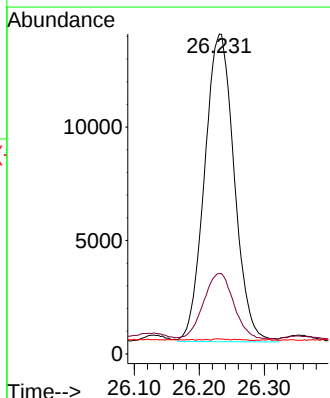
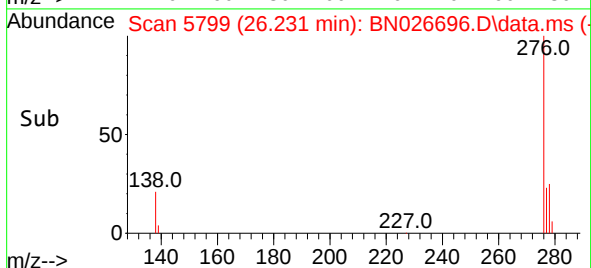
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

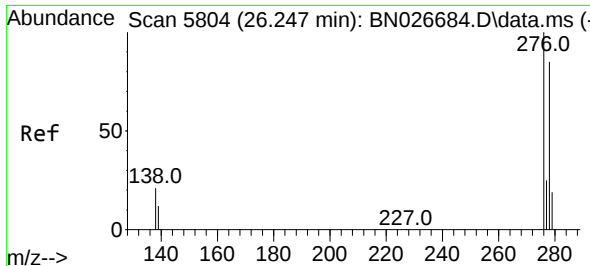


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.504 ng/ul
RT: 26.231 min Scan# 5799
Delta R.T. -0.020 min
Lab File: BN026696.D
Acq: 24 Jul 2023 03:26



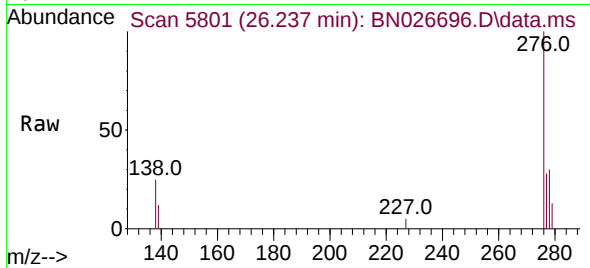
Tgt Ion:276 Resp: 42934
Ion Ratio Lower Upper
276 100
138 21.7 22.2 33.4#
227 0.2 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.203 ng/ul
RT: 26.237 min Scan# 5801
Delta R.T. -0.020 min
Lab File: BN026696.D
Acq: 24 Jul 2023 03:26

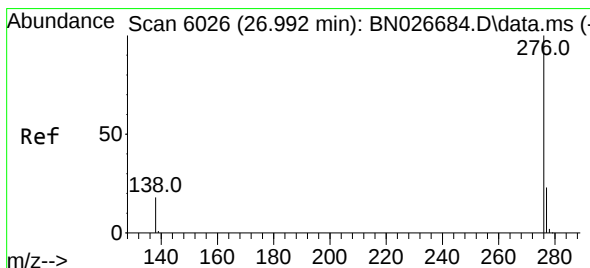
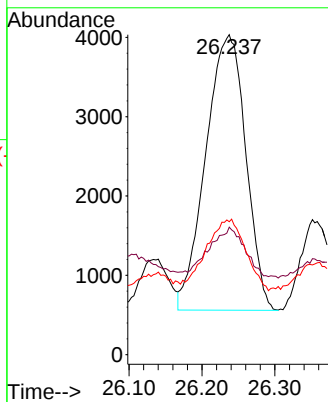
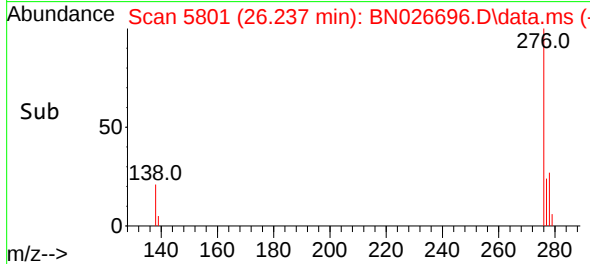
Instrument :
BNA_N
ClientSampleId :
A46W7



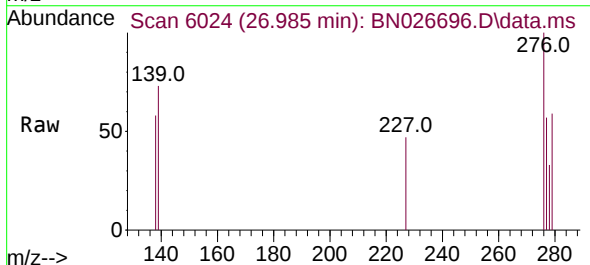
Tgt Ion:278 Resp: 1325
Ion Ratio Lower Upper
278 100
139 39.8 18.9 28.3#
279 41.5 31.3 46.9#

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.040 ng/ul
RT: 26.985 min Scan# 6024
Delta R.T. -0.017 min
Lab File: BN026696.D
Acq: 24 Jul 2023 03:26



Tgt Ion:276 Resp: 3002
Ion Ratio Lower Upper
276 100
138 57.6 22.6 34.0#
277 57.5 21.8 32.8#

