

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071323\
 Data File : BN026495.D
 Acq On : 13 Jul 2023 19:53
 Operator : MA/JU
 Sample : 03418-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46F0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/14/2023
 Supervised By :mohammad ahmed 07/14/2023

Quant Time: Jul 14 04:44:50 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 14 04:32:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.984	152	9500	0.400	ng/ul	0.00
4) Naphthalene-d8	10.792	136	28379	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.617	164	16938	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.360	188	33935	0.400	ng/ul	0.00
17) Chrysene-d12	21.549	240	23930	0.400	ng/ul	#-0.01
23) Perylene-d12	23.987	264	25117	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	6564	0.525	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.382	152	2057	0.053	ng/ul	0.00
18) Fluoranthene-d10	19.387	212	4346	0.052	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.842	128	18639	0.239	ng/ul	98
7) 2-Methylnaphthalene	12.453	142	2667	0.060	ng/ul	98
8) 1-Methylnaphthalene	12.668	142	2128	0.045	ng/ul	96
10) Acenaphthylene	14.339	152	3435	0.041	ng/ul#	81
11) Acenaphthene	14.677	153	5997	0.095	ng/ul	98
12) Fluorene	15.662	166	6646	0.100	ng/ul	97
15) Phenanthrene	17.402	178	84038	0.778	ng/ul	98
16) Anthracene	17.495	178	12839	0.137	ng/ul	96
19) Fluoranthene	19.419	202	120480	1.074	ng/ul#	95
20) Pyrene	19.782	202	105332	0.865	ng/ul	97
21) Benzo(a)anthracene	21.535	228	39310	0.447	ng/ul	97
22) Chrysene	21.587	228	44627	0.446	ng/ul	97
24) Benzo(b)fluoranthene	23.242	252	49918m	0.510	ng/ul	
25) Benzo(k)fluoranthene	23.289	252	18188m	0.177	ng/ul	
26) Benzo(a)pyrene	23.876	252	22699	0.261	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.534	276	21915	0.192	ng/ul#	79
28) Dibenzo(a,h)anthracene	26.541	278	5289	0.060	ng/ul#	73
29) Benzo(g,h,i)perylene	27.319	276	22096	0.219	ng/ul#	92

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

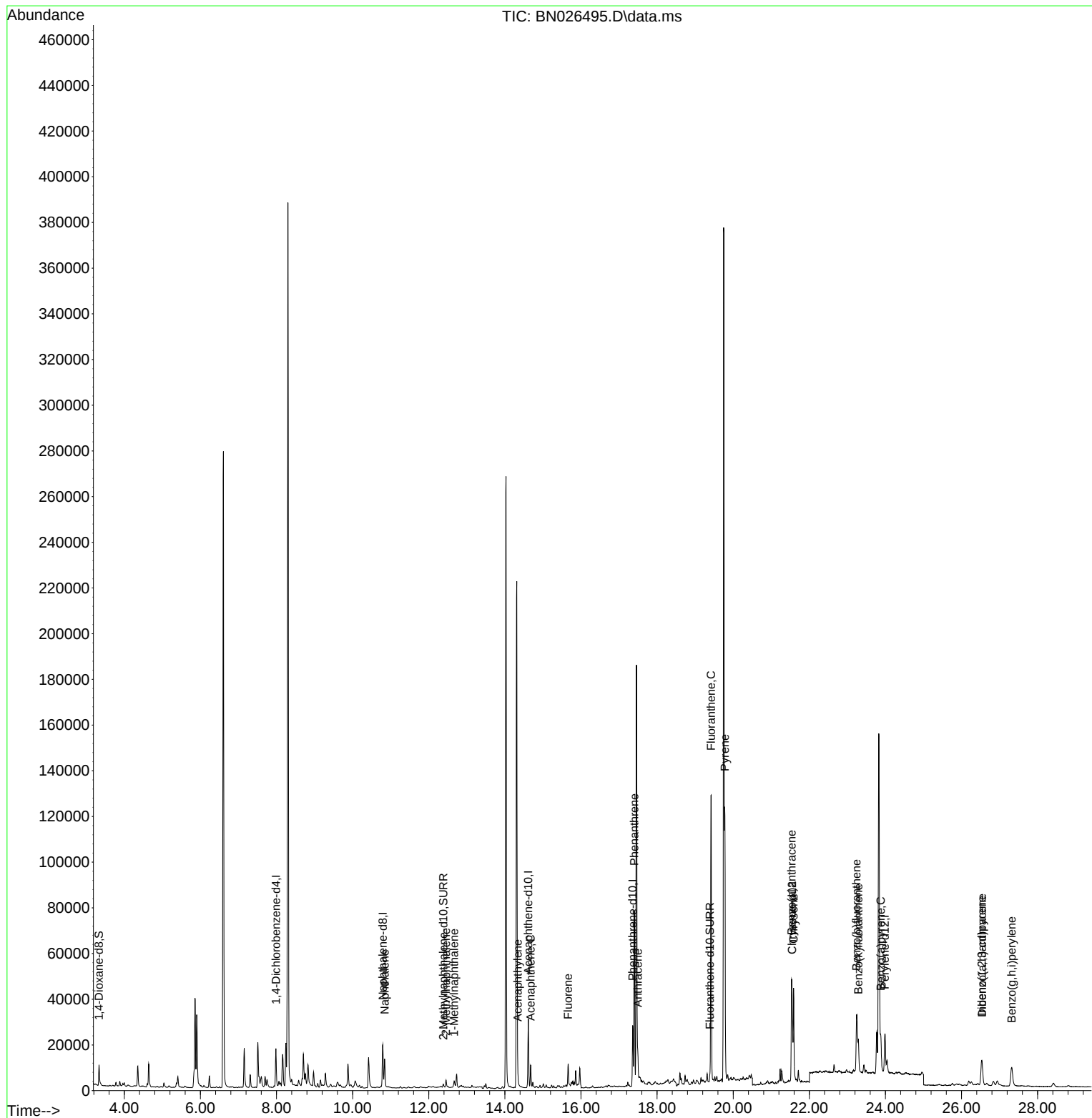
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071323\
Data File : BN026495.D
Acq On : 13 Jul 2023 19:53
Operator : MA/JU
Sample : 03418-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

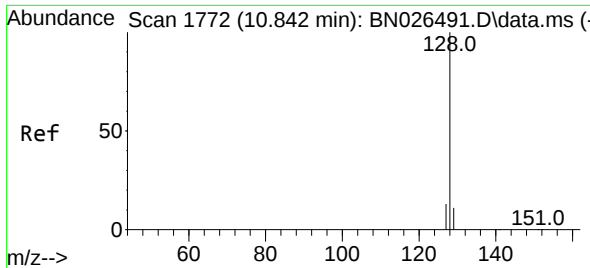
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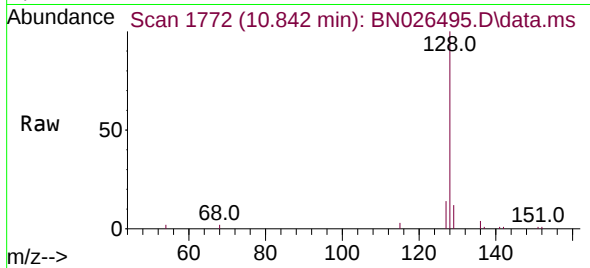
Quant Time: Jul 14 04:44:50 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 14 04:32:14 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.239 ng/ul
RT: 10.842 min Scan# 1772
Delta R.T. 0.000 min
Lab File: BN026495.D
Acq: 13 Jul 2023 19:53

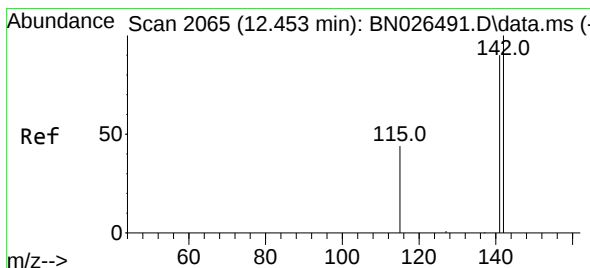
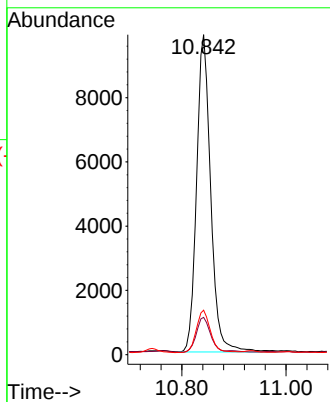
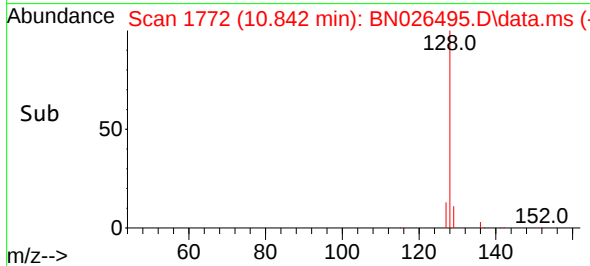
Instrument :
BNA_N
ClientSampleId :
A46F0



Tgt Ion:128 Resp: 18639
Ion Ratio Lower Upper
128 100
129 11.6 10.2 15.2
127 13.9 11.4 17.0

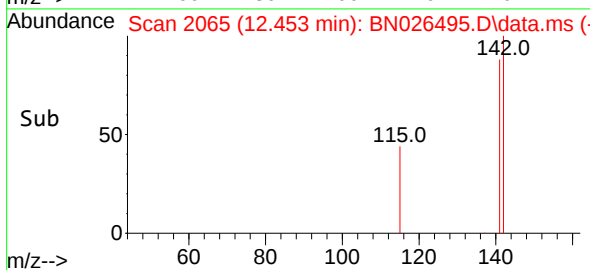
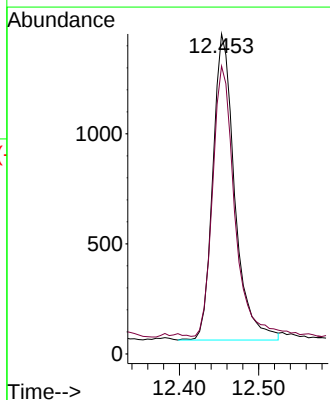
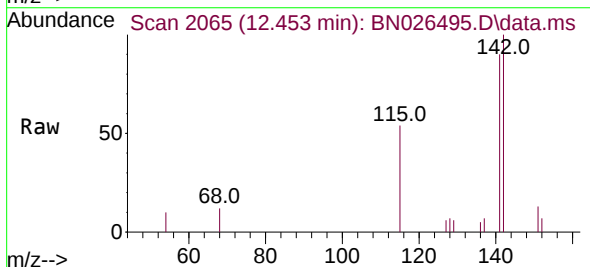
Manual Integrations
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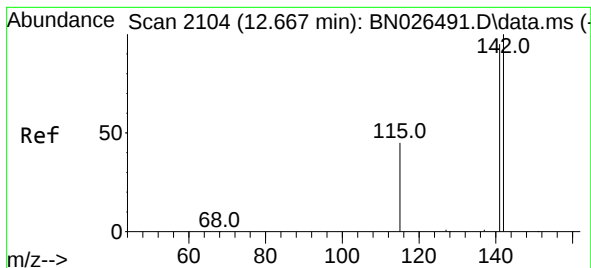
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023



#7
2-Methylnaphthalene
Concen: 0.060 ng/ul
RT: 12.453 min Scan# 2065
Delta R.T. 0.000 min
Lab File: BN026495.D
Acq: 13 Jul 2023 19:53

Tgt Ion:142 Resp: 2667
Ion Ratio Lower Upper
142 100
141 88.5 72.3 108.5





#8

1-Methylnaphthalene

Concen: 0.045 ng/ul

RT: 12.668 min Scan# 2104

Delta R.T. 0.000 min

Lab File: BN026495.D

Acq: 13 Jul 2023 19:53

Instrument :

BNA_N

ClientSampleId :

A46F0

Tgt Ion:142 Resp: 2128

Ion Ratio Lower Upper

142 100

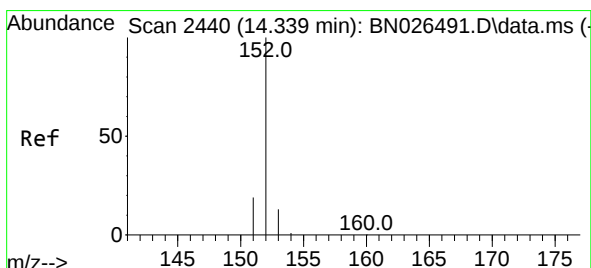
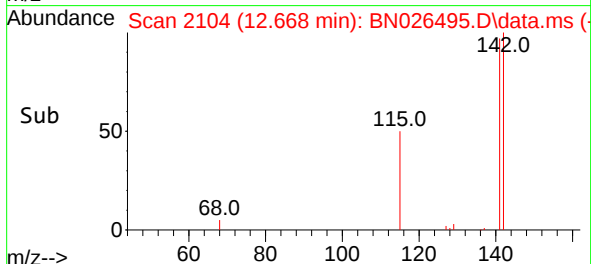
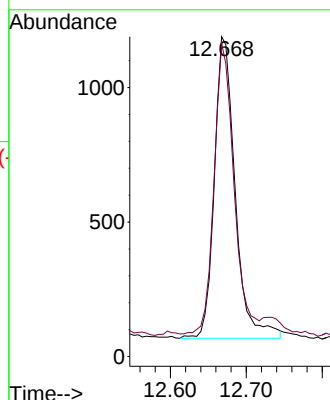
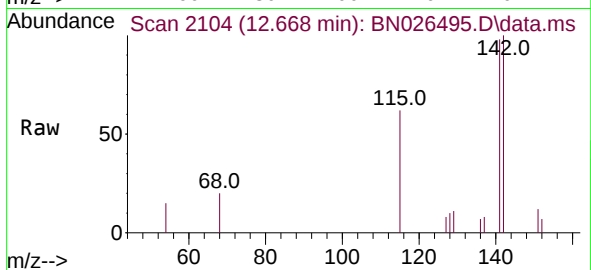
141 96.5 74.5 111.7

Manual Integrations

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Reviewed By :Yogesh Patel 07/14/2023

Supervised By :mohammad ahmed 07/14/2023



#10

Acenaphthylene

Concen: 0.041 ng/ul

RT: 14.339 min Scan# 2440

Delta R.T. 0.000 min

Lab File: BN026495.D

Acq: 13 Jul 2023 19:53

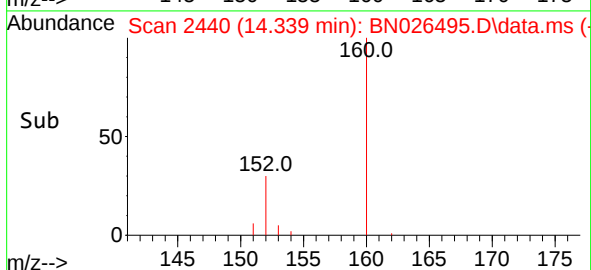
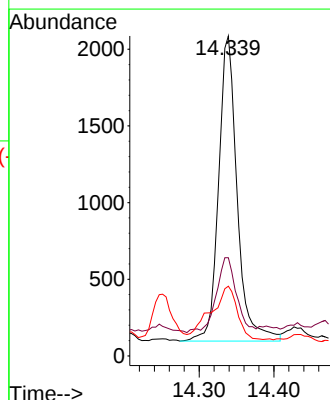
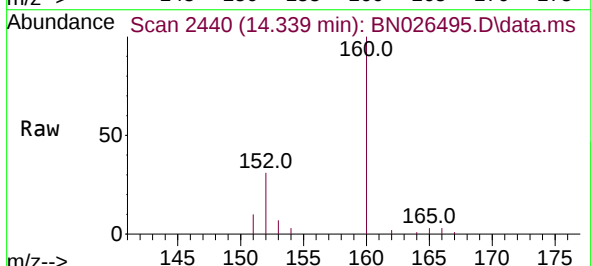
Tgt Ion:152 Resp: 3435

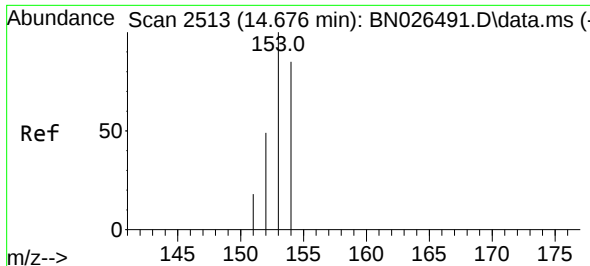
Ion Ratio Lower Upper

152 100

151 30.7 17.0 25.6#

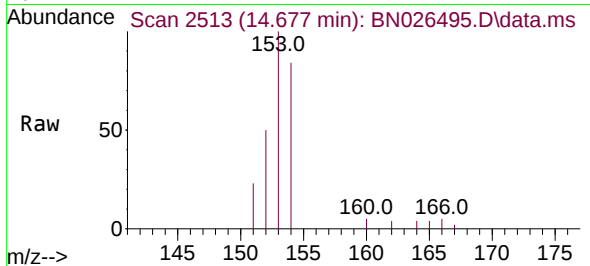
153 21.8 11.4 17.2#





#11
Acenaphthene
Concen: 0.095 ng/u1
RT: 14.677 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN026495.D
Acq: 13 Jul 2023 19:53

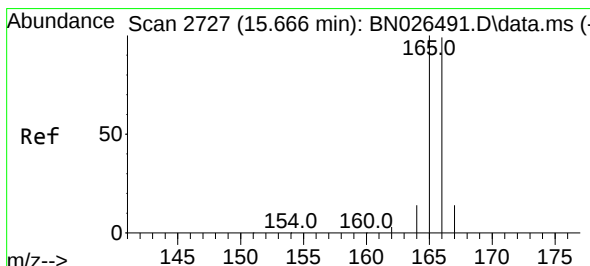
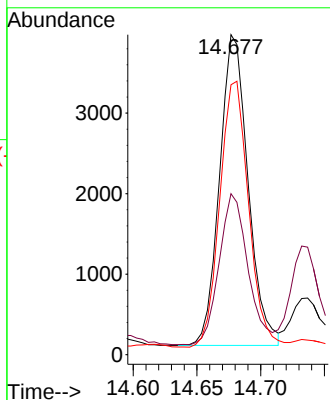
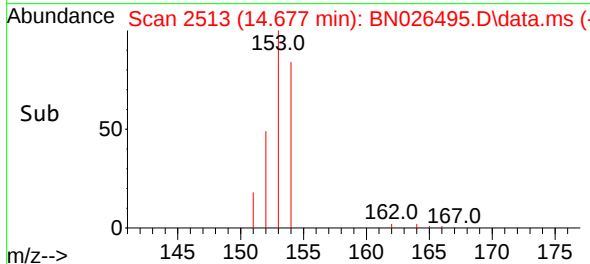
Instrument :
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ClientSampleId :
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Tgt Ion:153 Resp: 599
Ion Ratio Lower Upper
153 100
152 50.3 40.2 60.4
154 84.3 69.3 103.9

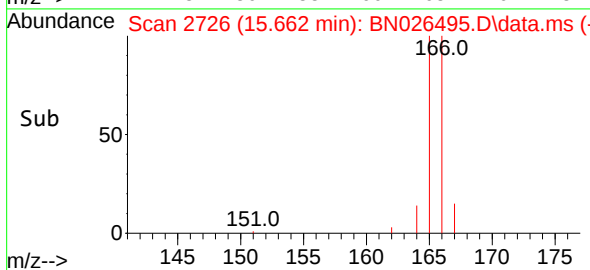
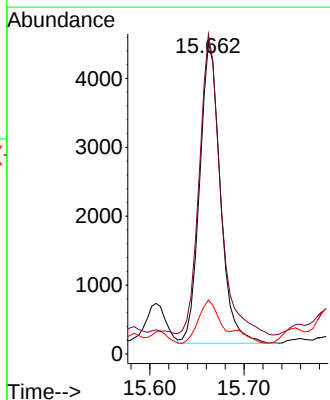
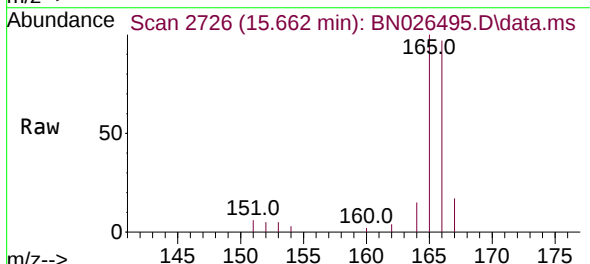
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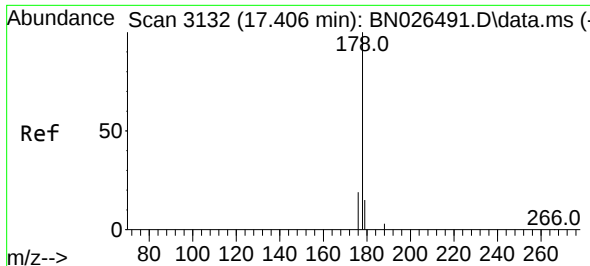
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023



#12
Fluorene
Concen: 0.100 ng/u1
RT: 15.662 min Scan# 2726
Delta R.T. -0.004 min
Lab File: BN026495.D
Acq: 13 Jul 2023 19:53

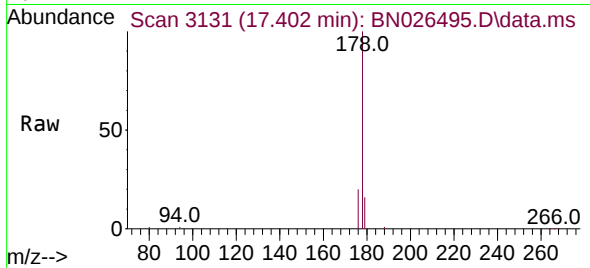
Tgt Ion:166 Resp: 6646
Ion Ratio Lower Upper
166 100
165 102.8 80.6 120.8
167 17.3 12.0 18.0





#15
Phenanthrene
Concen: 0.778 ng/ul
RT: 17.402 min Scan# 3132
Delta R.T. -0.004 min
Lab File: BN026495.D
Acq: 13 Jul 2023 19:53

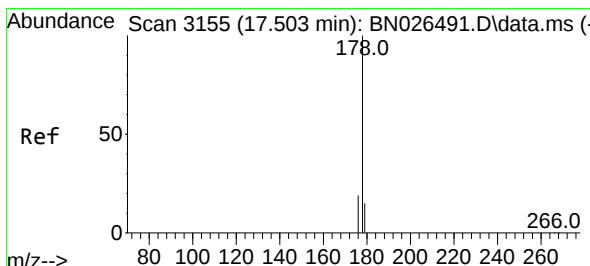
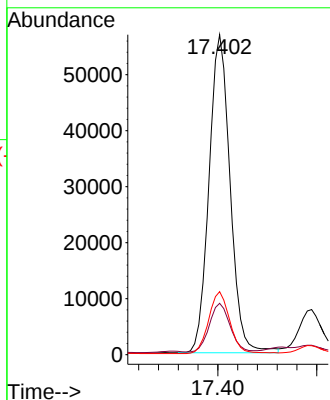
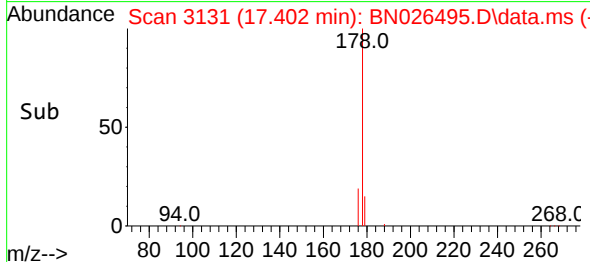
Instrument :
BNA_N
ClientSampleId :
A46F0



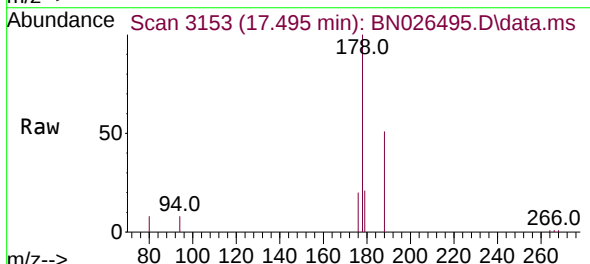
Tgt Ion:178 Resp: 84038
Ion Ratio Lower Upper
178 100
179 16.0 13.7 20.5
176 19.7 16.5 24.7

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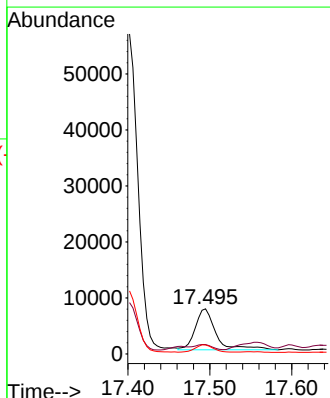
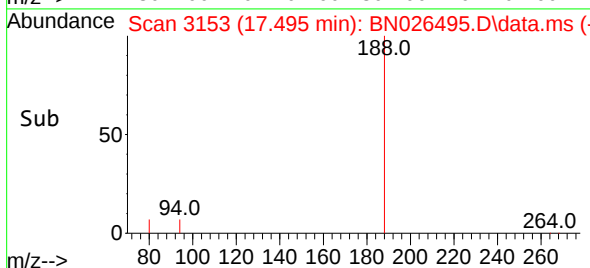
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023

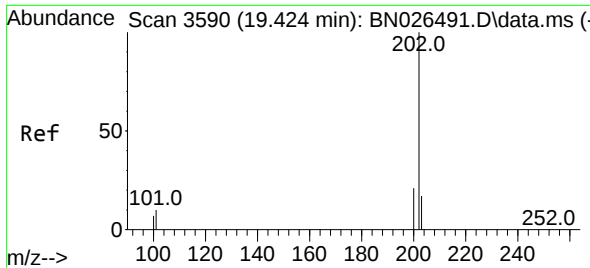


#16
Anthracene
Concen: 0.137 ng/ul
RT: 17.495 min Scan# 3153
Delta R.T. -0.008 min
Lab File: BN026495.D
Acq: 13 Jul 2023 19:53



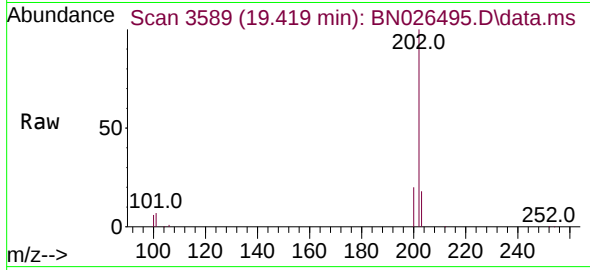
Tgt Ion:178 Resp: 12839
Ion Ratio Lower Upper
178 100
179 21.0 14.8 22.2
176 19.9 16.6 25.0





#19
Fluoranthene
Concen: 1.074 ng/ul
RT: 19.419 min Scan# 3589
Delta R.T. -0.004 min
Lab File: BN026495.D
Acq: 13 Jul 2023 19:53

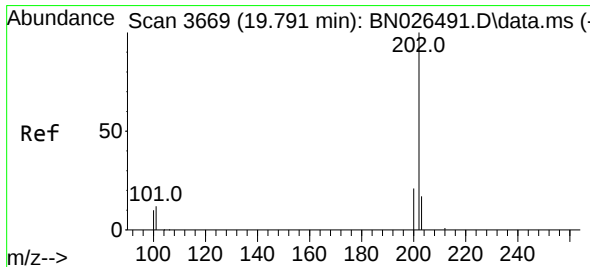
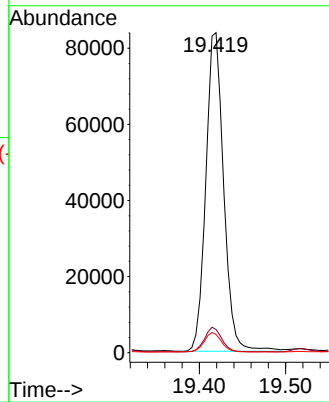
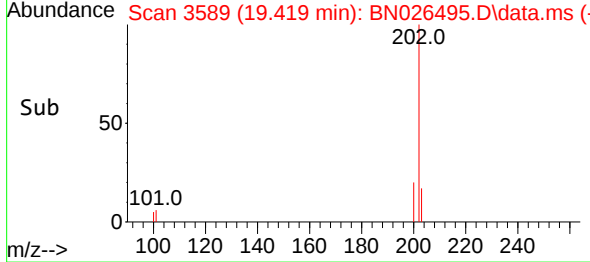
Instrument :
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A46F0



Tgt Ion:202 Resp: 120480
Ion Ratio Lower Upper
202 100
101 7.3 7.0 10.4
100 5.7 6.0 9.0

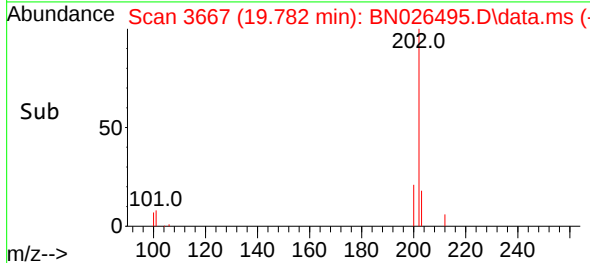
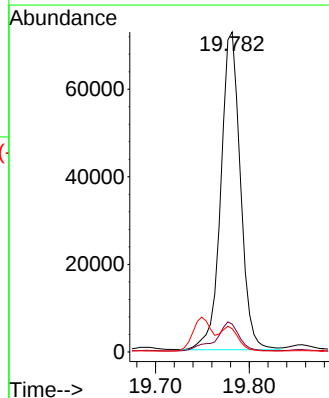
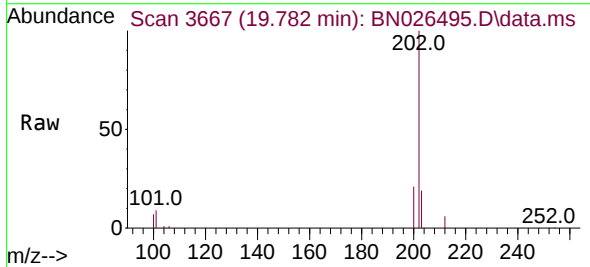
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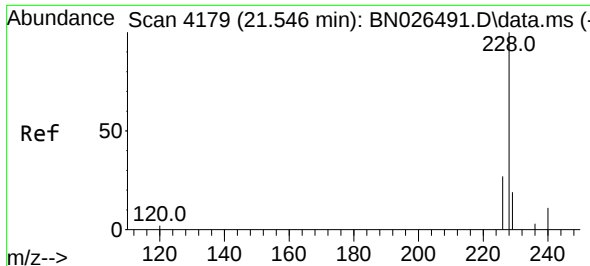
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023



#20
Pyrene
Concen: 0.865 ng/ul
RT: 19.782 min Scan# 3667
Delta R.T. -0.009 min
Lab File: BN026495.D
Acq: 13 Jul 2023 19:53

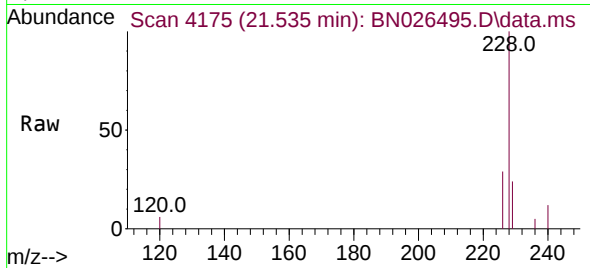
Tgt Ion:202 Resp: 105332
Ion Ratio Lower Upper
202 100
101 8.7 8.0 12.0
100 7.3 6.2 9.2





#21
Benzo(a)anthracene
Concen: 0.447 ng/ul
RT: 21.535 min Scan# 4175
Delta R.T. -0.011 min
Lab File: BN026495.D
Acq: 13 Jul 2023 19:53

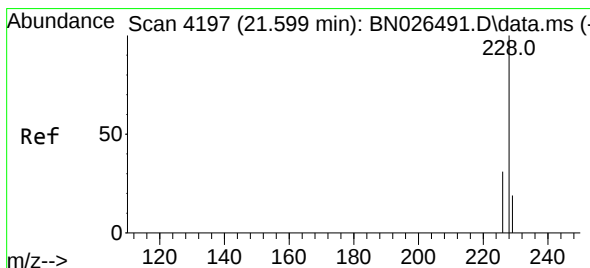
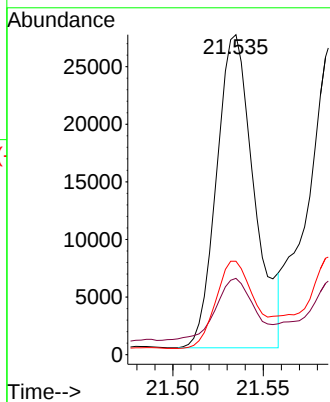
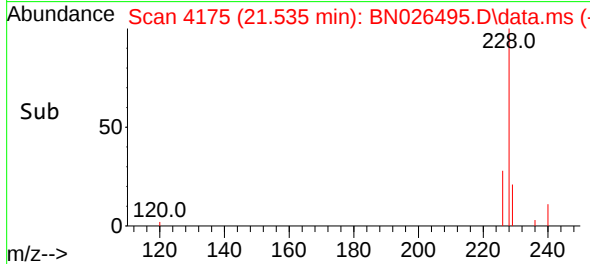
Instrument :
BNA_N
ClientSampleId :
A46F0



Tgt Ion:228 Resp: 39310
Ion Ratio Lower Upper
228 100
229 23.8 16.7 25.1
226 29.2 23.5 35.3

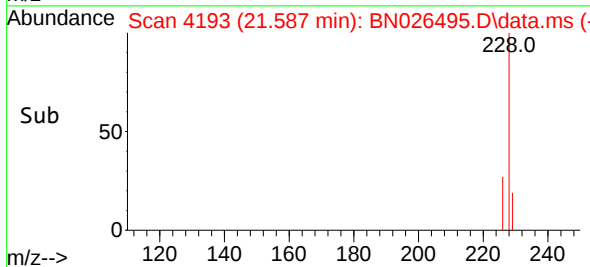
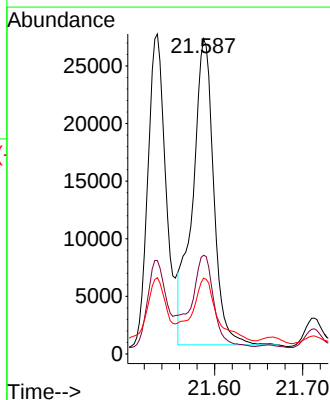
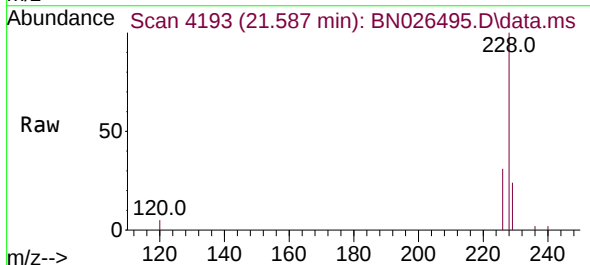
Manual Integrations
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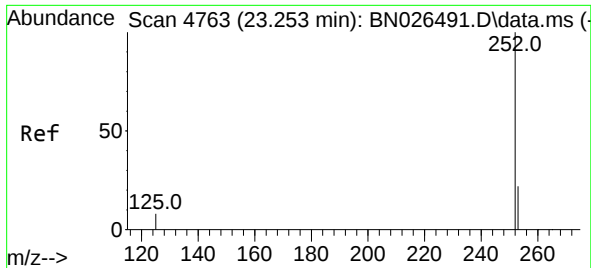
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023



#22
Chrysene
Concen: 0.446 ng/ul
RT: 21.587 min Scan# 4193
Delta R.T. -0.011 min
Lab File: BN026495.D
Acq: 13 Jul 2023 19:53

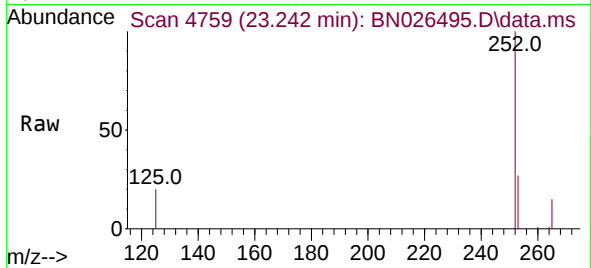
Tgt Ion:228 Resp: 44627
Ion Ratio Lower Upper
228 100
226 31.3 25.2 37.8
229 24.1 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.510 ng/ul m
RT: 23.242 min Scan# 4759
Delta R.T. -0.011 min
Lab File: BN026495.D
Acq: 13 Jul 2023 19:53

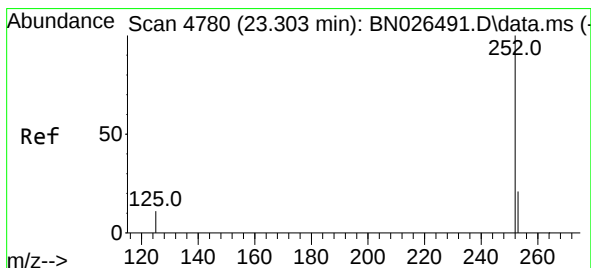
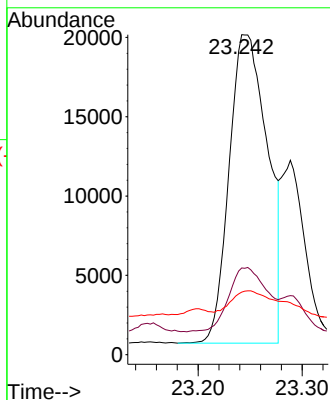
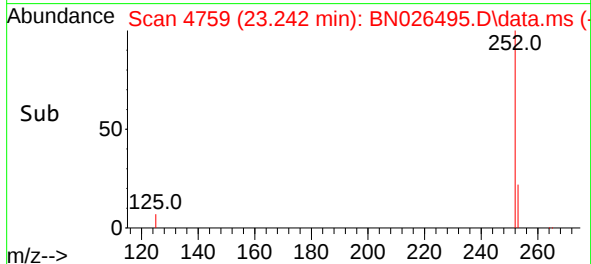
Instrument :
BNA_N
ClientSampleId :
A46F0



Tgt Ion:252 Resp: 49918
Ion Ratio Lower Upper
252 100
253 27.1 0.0 68.6
125 19.5 0.0 34.0

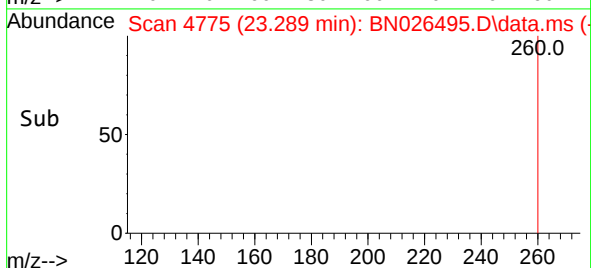
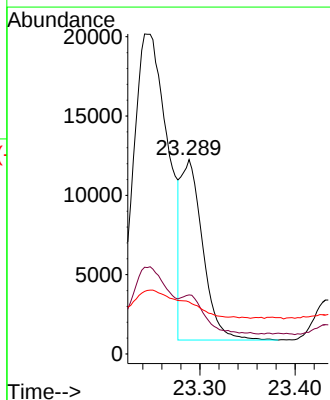
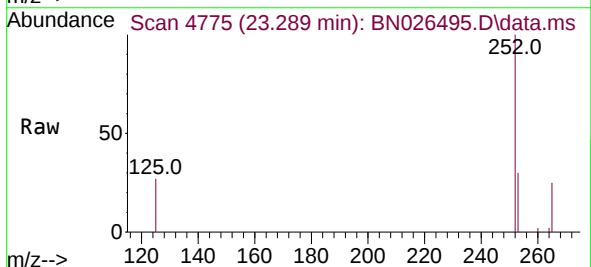
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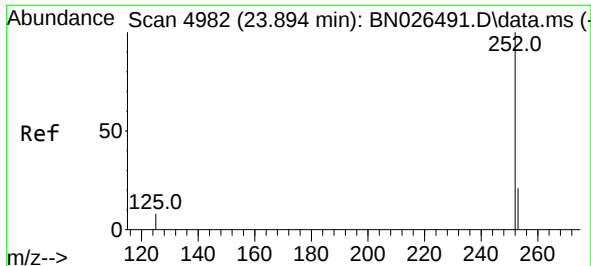
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023



#25
Benzo(k)fluoranthene
Concen: 0.177 ng/ul m
RT: 23.289 min Scan# 4775
Delta R.T. -0.014 min
Lab File: BN026495.D
Acq: 13 Jul 2023 19:53

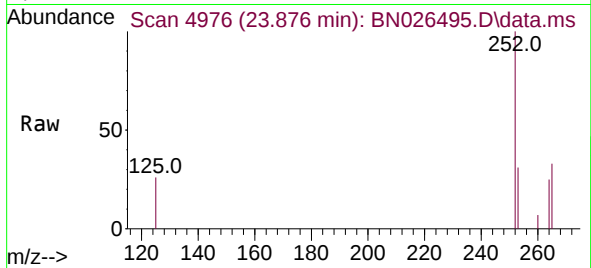
Tgt Ion:252 Resp: 18188
Ion Ratio Lower Upper
252 100
253 30.4 27.2 40.8
125 26.8 13.4 20.2#





#26
Benzo(a)pyrene
Concen: 0.261 ng/ul
RT: 23.876 min Scan# 4982
Delta R.T. -0.017 min
Lab File: BN026495.D
Acq: 13 Jul 2023 19:53

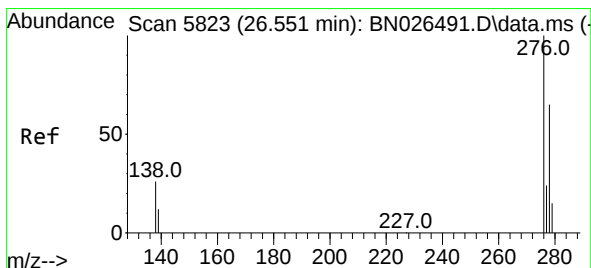
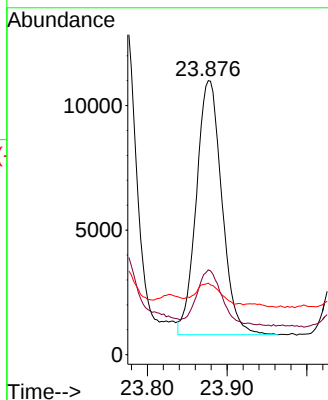
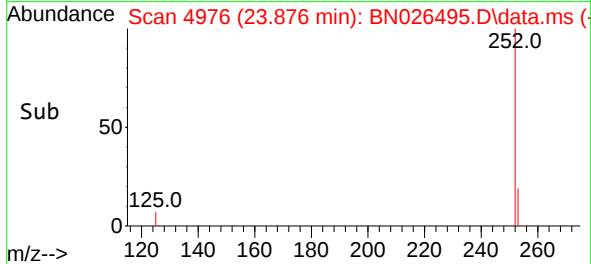
Instrument :
BNA_N
ClientSampleId :
A46F0



Tgt Ion:252 Resp: 22699
Ion Ratio Lower Upper
252 100
253 30.9 32.6 49.0#
125 26.1 19.3 28.9

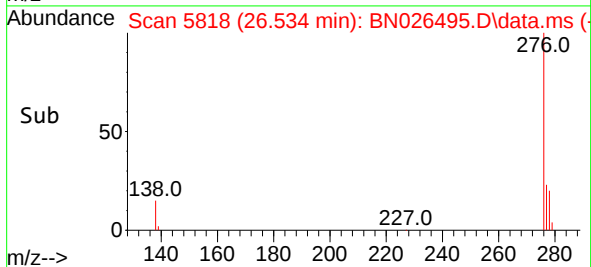
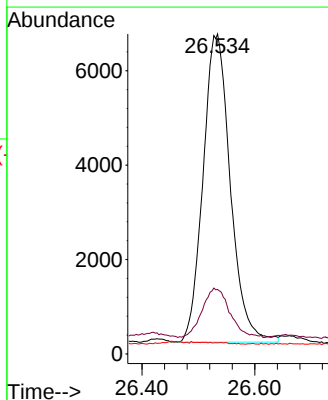
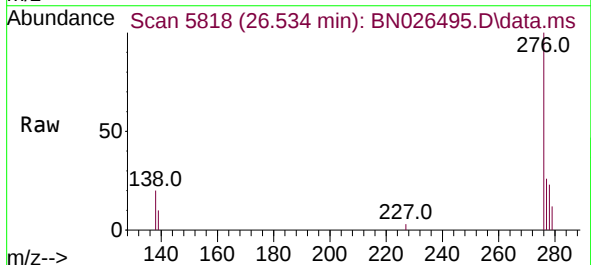
Manual Integrations
APPROVED

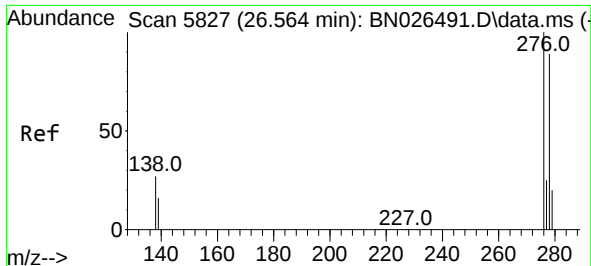
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.192 ng/ul
RT: 26.534 min Scan# 5818
Delta R.T. -0.017 min
Lab File: BN026495.D
Acq: 13 Jul 2023 19:53

Tgt Ion:276 Resp: 21915
Ion Ratio Lower Upper
276 100
138 16.5 22.2 33.4#
227 0.0 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.060 ng/ul

RT: 26.541 min Scan# 5820

Delta R.T. -0.023 min

Lab File: BN026495.D

Acq: 13 Jul 2023 19:53

Instrument :

BNA_N

ClientSampleId :

A46F0

Tgt Ion:278 Resp: 5289

Ion Ratio Lower Upper

278 100

139 43.0 18.9 28.3

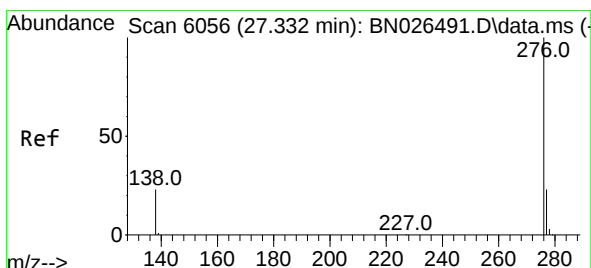
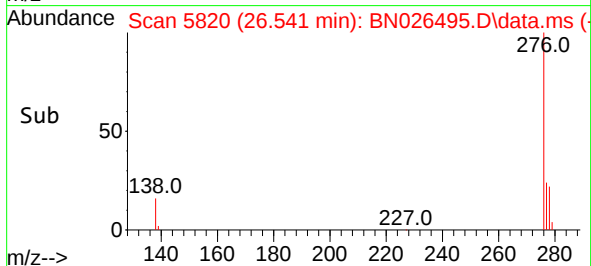
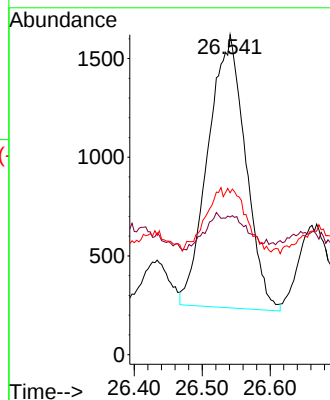
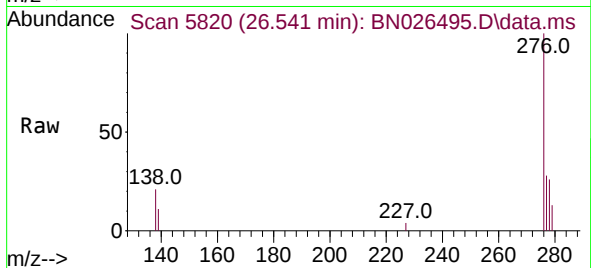
279 50.6 31.3 46.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/14/2023

Supervised By :mohammad ahmed 07/14/2023



#29

Benzo(g,h,i)perylene

Concen: 0.219 ng/ul

RT: 27.319 min Scan# 6052

Delta R.T. -0.013 min

Lab File: BN026495.D

Acq: 13 Jul 2023 19:53

Tgt Ion:276 Resp: 22096

Ion Ratio Lower Upper

276 100

138 21.3 22.6 34.0

277 26.5 21.8 32.8

