

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
 Data File : BN025827.D
 Acq On : 14 Jun 2023 04:12
 Operator : MA/JU
 Sample : 02950-21
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW997

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/14/2023
 Supervised By :mohammad ahmed 06/14/2023

Quant Time: Jun 14 04:51:58 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 10 02:01:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.001	152	9888	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.814	136	30288	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.635	164	17554	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.381	188	34323	0.400	ng/ul	0.00
17) Chrysene-d12	21.561	240	18332	0.400	ng/ul	0.00
23) Perylene-d12	24.043	264	17367	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	16421	1.689	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.398	152	4369	0.114	ng/ul	-0.01
18) Fluoranthene-d10	19.405	212	8255	0.143	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.864	128	3712	0.048	ng/ul#	89
7) 2-Methylnaphthalene	12.475	142	1956	0.042	ng/ul	96
8) 1-Methylnaphthalene	12.689	142	5731	0.112	ng/ul	99
10) Acenaphthylene	14.357	152	13118	0.189	ng/ul#	93
11) Acenaphthene	14.700	153	15577	0.269	ng/ul	99
12) Fluorene	15.680	166	15322	0.238	ng/ul#	96
15) Phenanthrene	17.423	178	50028	0.500	ng/ul	98
16) Anthracene	17.511	178	25098	0.297	ng/ul	98
19) Fluoranthene	19.433	202	85075	1.015	ng/ul	98
20) Pyrene	19.796	202	128524	1.481	ng/ul	99
21) Benzo(a)anthracene	21.544	228	52876	0.905	ng/ul	94
22) Chrysene	21.599	228	63524	0.950	ng/ul	97
24) Benzo(b)fluoranthene	23.283	252	43783m	0.616	ng/ul	
25) Benzo(k)fluoranthene	23.326	252	12654m	0.178	ng/ul	
26) Benzo(a)pyrene	23.932	252	46493	0.772	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	26.638	276	20920	0.305	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.648	278	6081	0.117	ng/ul#	76
29) Benzo(g,h,i)perylene	27.433	276	22657	0.368	ng/ul	99

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

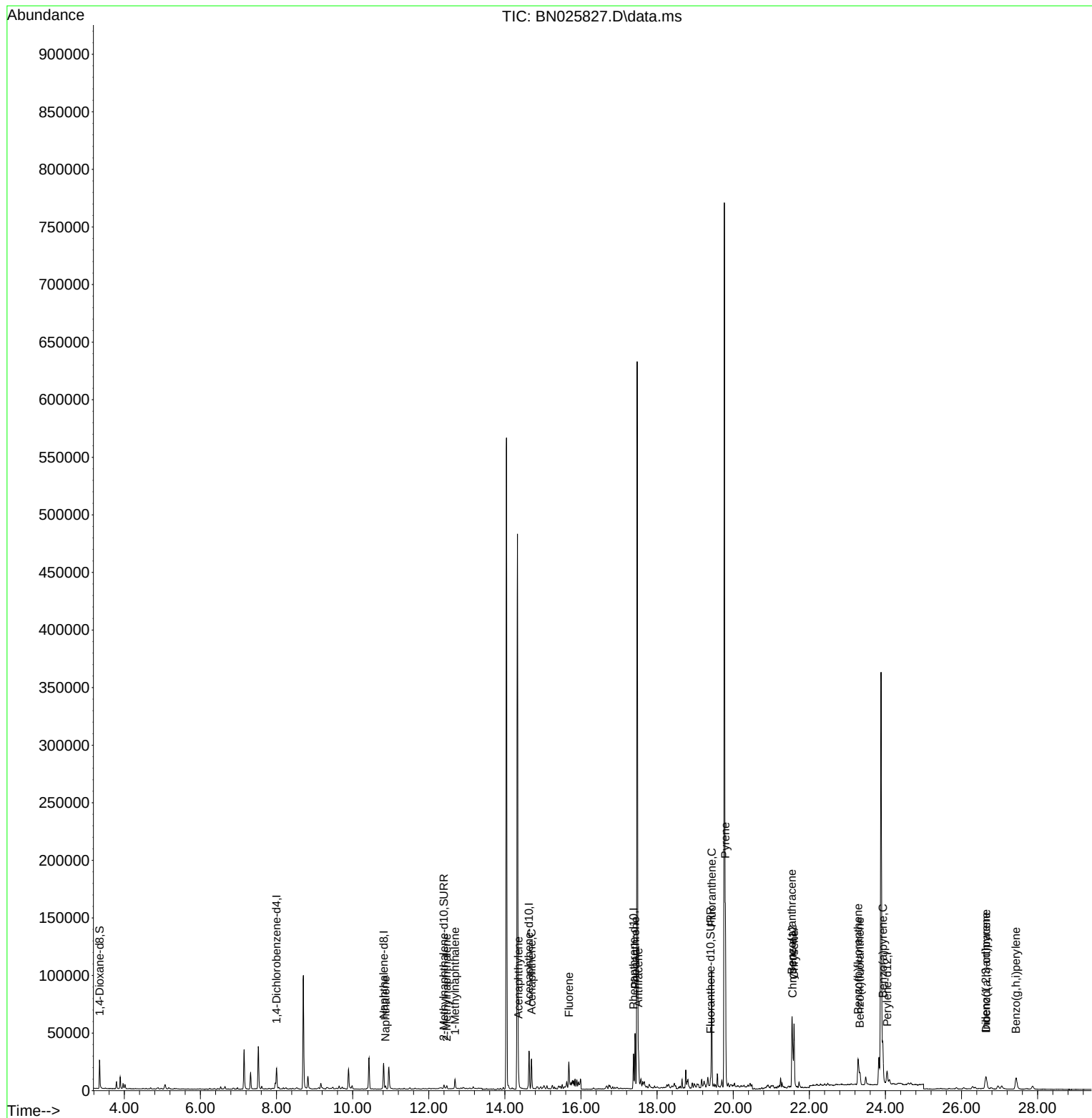
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
Data File : BN025827.D
Acq On : 14 Jun 2023 04:12
Operator : MA/JU
Sample : 02950-21
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ALS Vial : 32 Sample Multiplier: 1

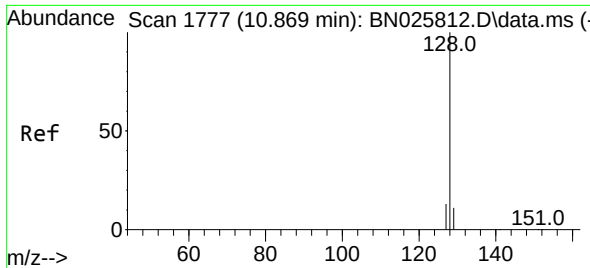
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Supervised By :mohammad ahmed 06/14/2023

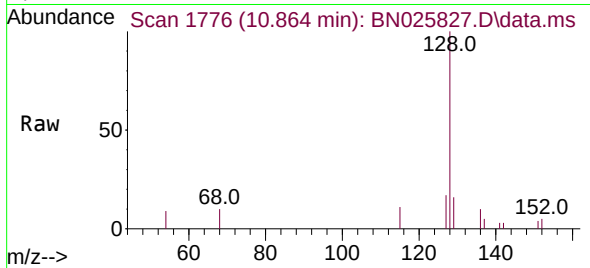
Quant Time: Jun 14 04:51:58 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 10 02:01:49 2023
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#5
Naphthalene
Concen: 0.048 ng/ul
RT: 10.864 min Scan# 1776
Delta R.T. -0.011 min
Lab File: BN025827.D
Acq: 14 Jun 2023 04:12

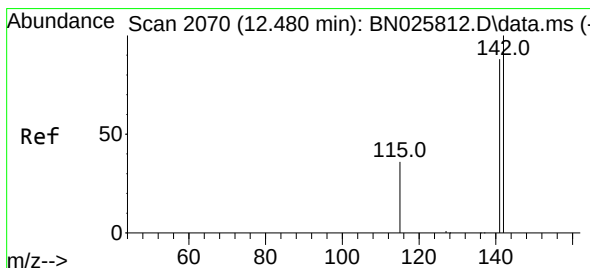
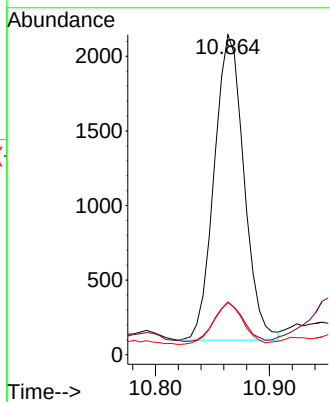
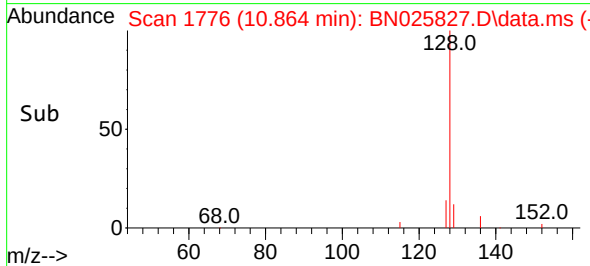
Instrument :
BNA_N
ClientSampleId :
EW997



Tgt Ion:128 Resp: 3712
Ion Ratio Lower Upper
128 100
129 16.3 9.1 13.7
127 16.5 10.5 15.7

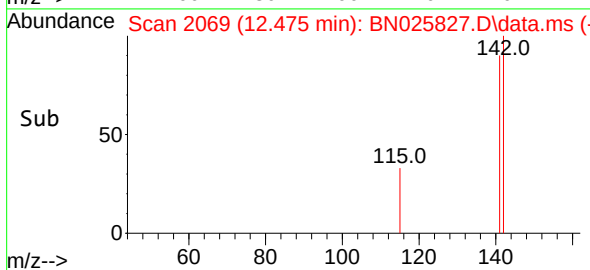
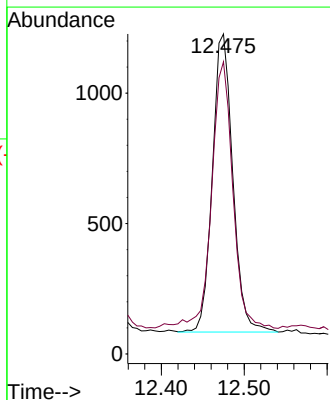
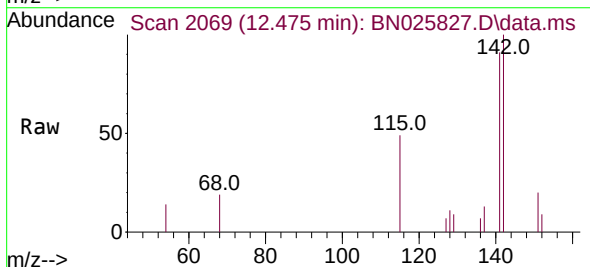
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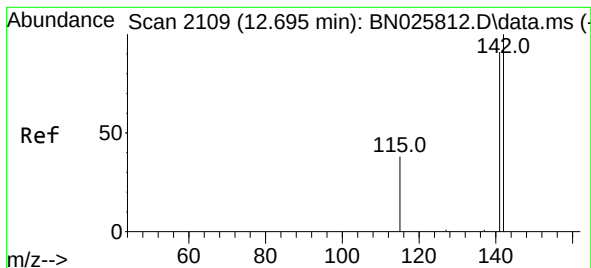
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#7
2-Methylnaphthalene
Concen: 0.042 ng/ul
RT: 12.475 min Scan# 2069
Delta R.T. -0.005 min
Lab File: BN025827.D
Acq: 14 Jun 2023 04:12

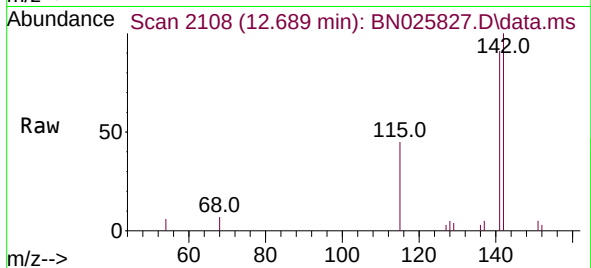
Tgt Ion:142 Resp: 1956
Ion Ratio Lower Upper
142 100
141 93.4 71.4 107.2





#8
1-Methylnaphthalene
Concen: 0.112 ng/ul
RT: 12.689 min Scan# 2109
Delta R.T. -0.011 min
Lab File: BN025827.D
Acq: 14 Jun 2023 04:12

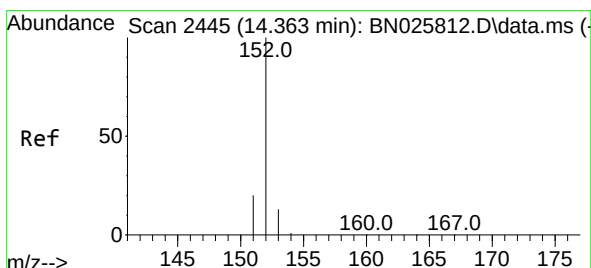
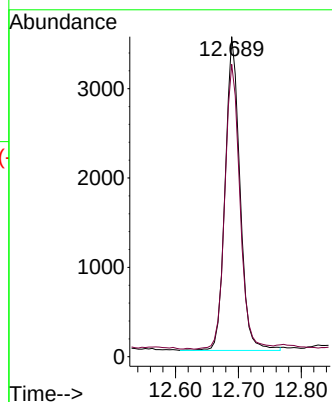
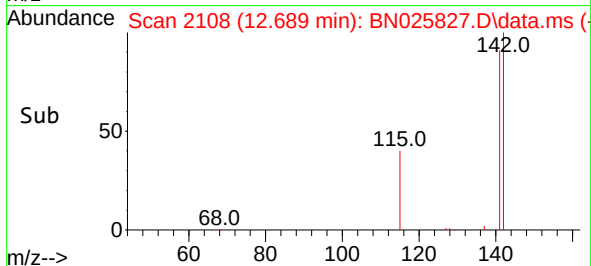
Instrument :
BNA_N
ClientSampleId :
EW997



Tgt Ion:142 Resp: 573
Ion Ratio Lower Upper
142 100
141 93.5 74.0 111.0

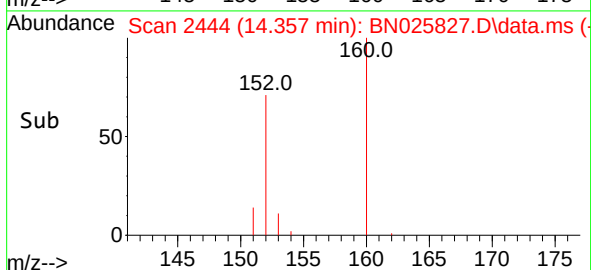
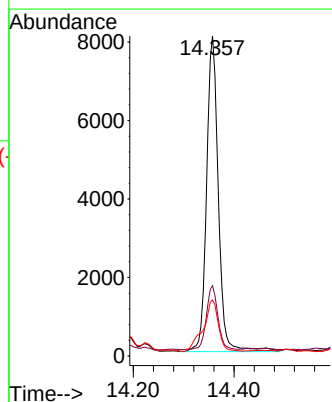
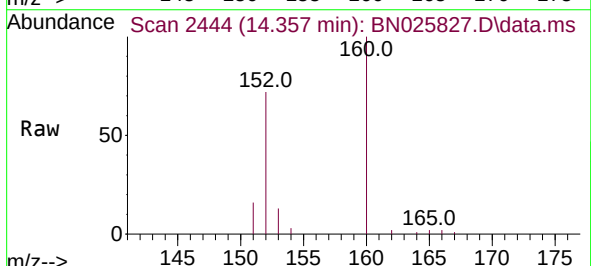
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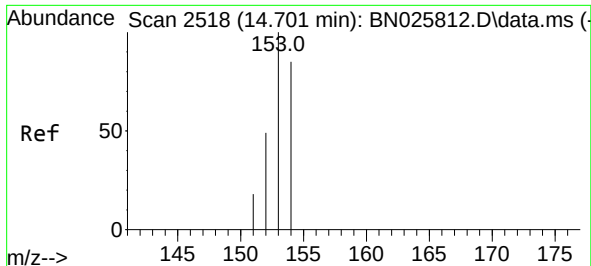
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#10
Acenaphthylene
Concen: 0.189 ng/ul
RT: 14.357 min Scan# 2444
Delta R.T. -0.009 min
Lab File: BN025827.D
Acq: 14 Jun 2023 04:12

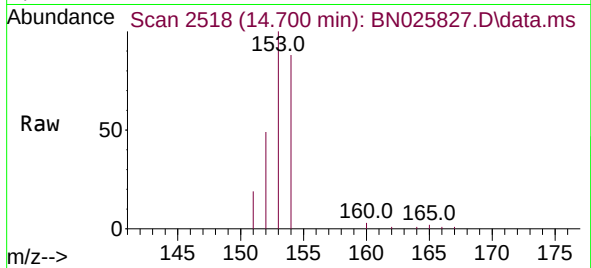
Tgt Ion:152 Resp: 13118
Ion Ratio Lower Upper
152 100
151 21.9 16.0 24.0
153 17.5 10.7 16.1#





#11
Acenaphthene
Concen: 0.269 ng/u1
RT: 14.700 min Scan# 2157
Delta R.T. -0.004 min
Lab File: BN025827.D
Acq: 14 Jun 2023 04:12

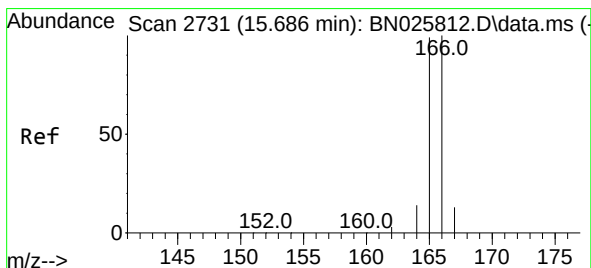
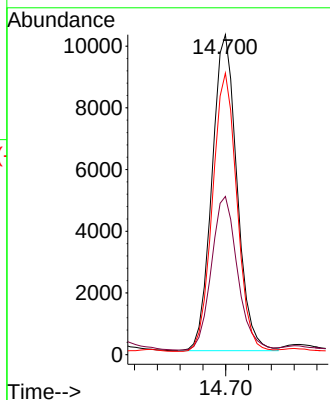
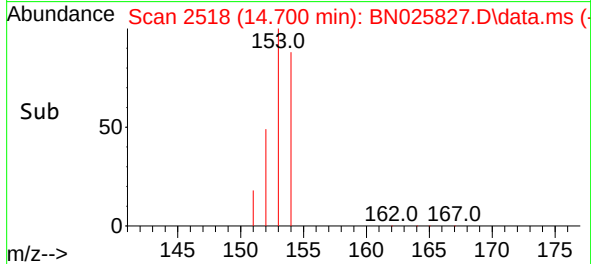
Instrument :
BNA_N
ClientSampleId :
EW997



Tgt Ion:153 Resp: 1557
Ion Ratio Lower Upper
153 100
152 49.4 39.5 59.3
154 88.0 68.8 103.2

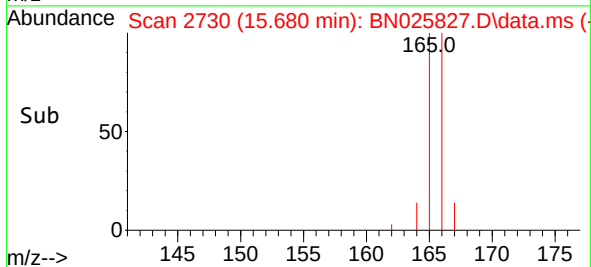
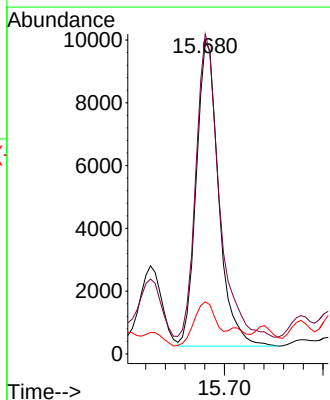
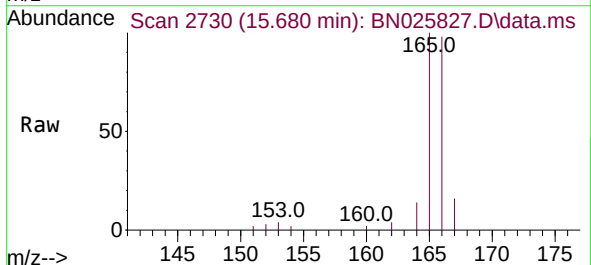
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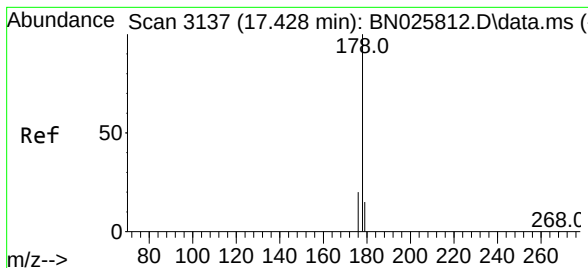
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#12
Fluorene
Concen: 0.238 ng/u1
RT: 15.680 min Scan# 2730
Delta R.T. -0.010 min
Lab File: BN025827.D
Acq: 14 Jun 2023 04:12

Tgt Ion:166 Resp: 15322
Ion Ratio Lower Upper
166 100
165 102.4 79.2 118.8
167 16.7 11.0 16.6#





#15

Phenanthrene

Concen: 0.500 ng/u1

RT: 17.423 min Scan# 3136

Delta R.T. -0.008 min

Lab File: BN025827.D

Acq: 14 Jun 2023 04:12

Instrument :

BNA_N

ClientSampleId :

EW997

Tgt Ion:178 Resp: 50028

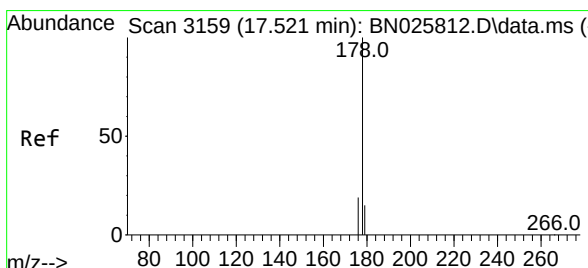
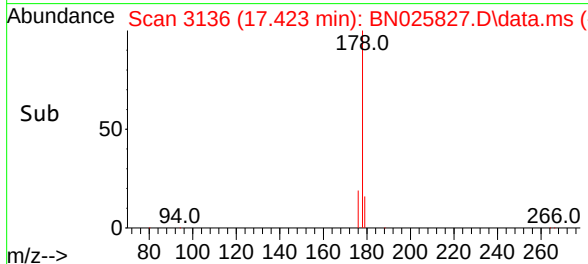
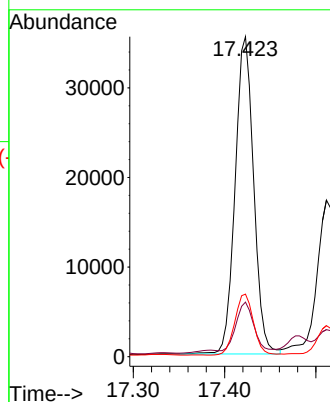
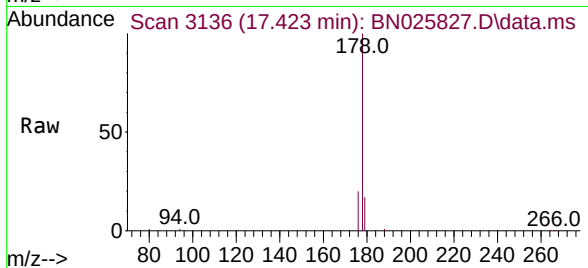
Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.6	18.8
176	19.6	15.8	23.8

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Supervised By :mohammad ahmed 06/14/2023



#16

Anthracene

Concen: 0.297 ng/u1

RT: 17.511 min Scan# 3157

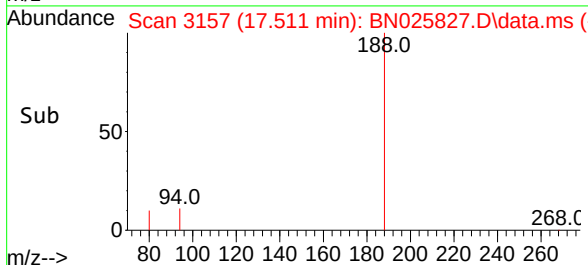
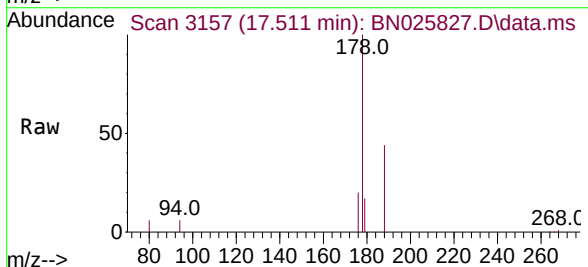
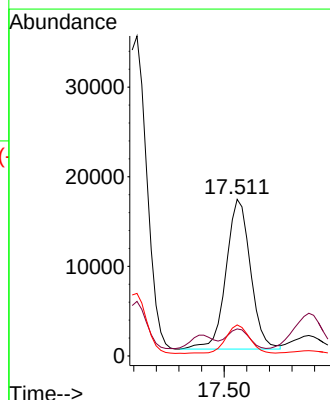
Delta R.T. -0.013 min

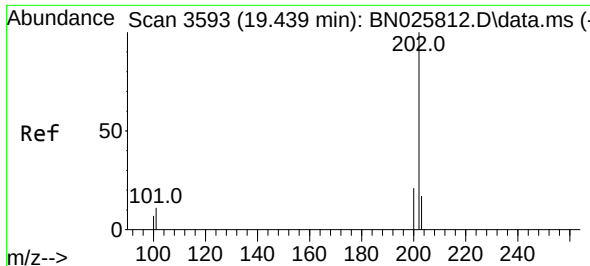
Lab File: BN025827.D

Acq: 14 Jun 2023 04:12

Tgt Ion:178 Resp: 25098

Ion	Ratio	Lower	Upper
178	100		
179	17.3	12.6	19.0
176	19.8	15.4	23.2





#19

Fluoranthene

Concen: 1.015 ng/ul

RT: 19.433 min Scan# 3593

Delta R.T. -0.009 min

Lab File: BN025827.D

Acq: 14 Jun 2023 04:12

Instrument :

BNA_N

ClientSampleId :

EW997

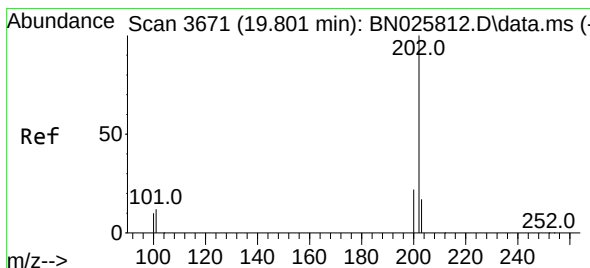
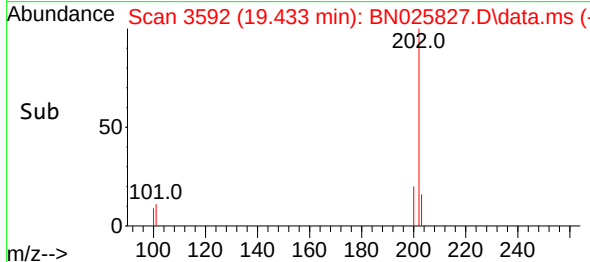
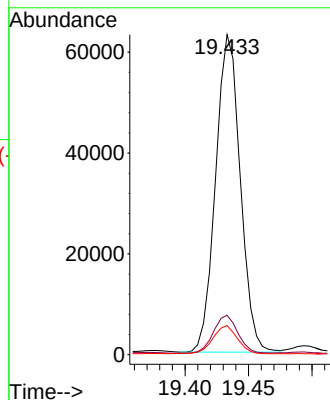
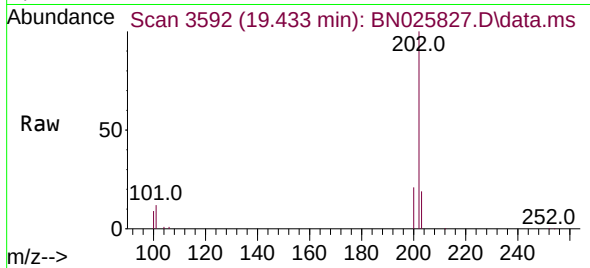
Tgt Ion:202	Resp:	85075
Ion Ratio	Lower	Upper
202	100	
101	12.3	9.1 13.7
100	9.1	7.0 10.6

Manual Integrations

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Supervised By :mohammad ahmed 06/14/2023



#20

Pyrene

Concen: 1.481 ng/ul

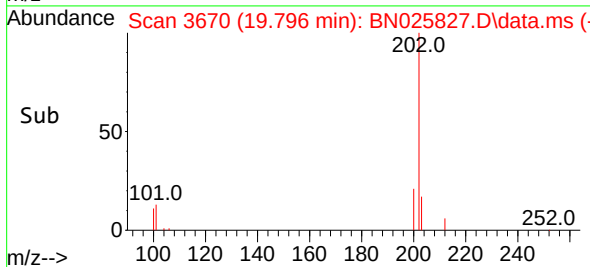
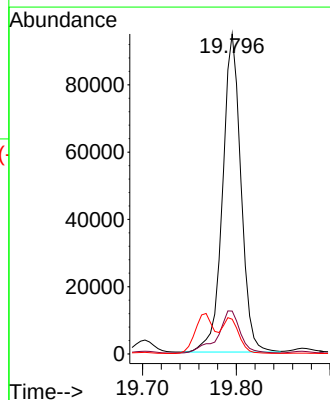
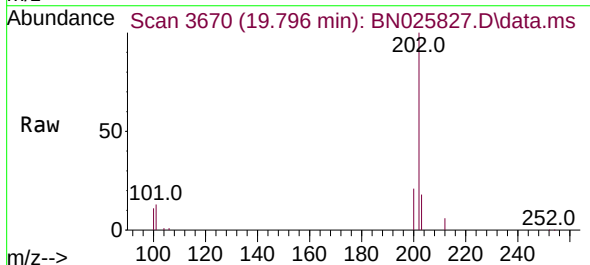
RT: 19.796 min Scan# 3670

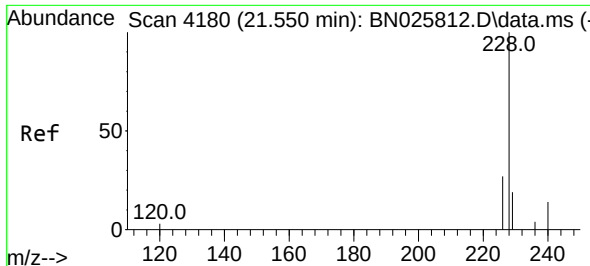
Delta R.T. -0.009 min

Lab File: BN025827.D

Acq: 14 Jun 2023 04:12

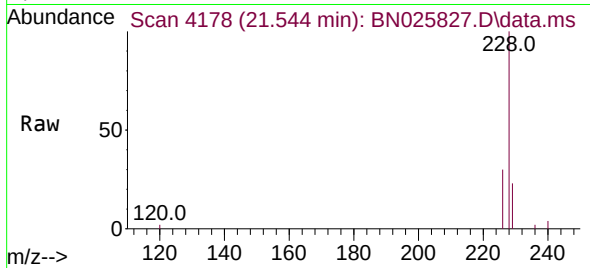
Tgt Ion:202	Resp:	128524
Ion Ratio	Lower	Upper
202	100	
101	13.4	10.4 15.6
100	10.9	8.8 13.2





#21
Benzo(a)anthracene
Concen: 0.905 ng/ul
RT: 21.544 min Scan# 4180
Delta R.T. -0.008 min
Lab File: BN025827.D
Acq: 14 Jun 2023 04:12

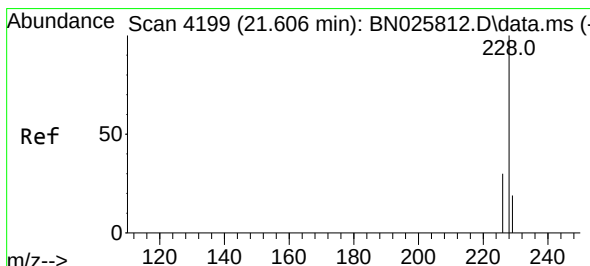
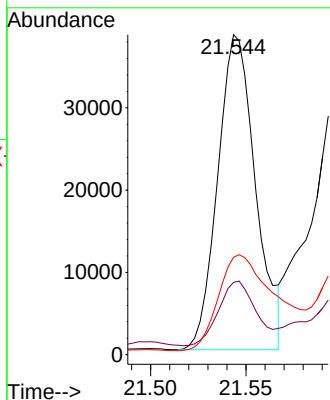
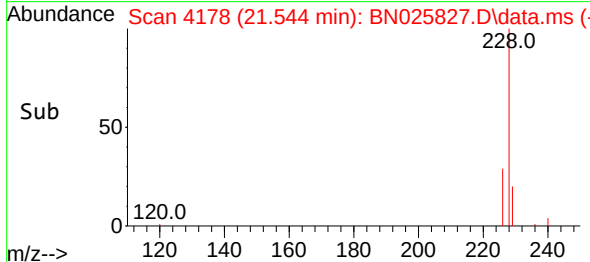
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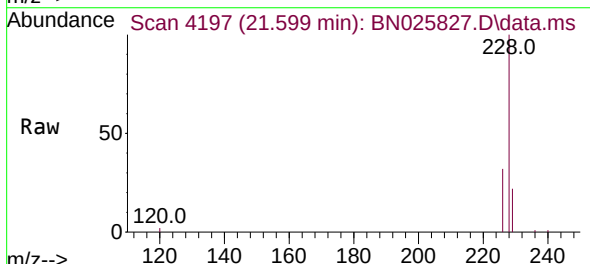
Tgt Ion:228 Resp: 52870
Ion Ratio Lower Upper
228 100
229 22.6 15.5 23.3
226 30.5 22.0 33.0

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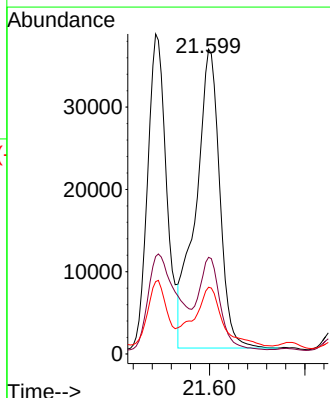
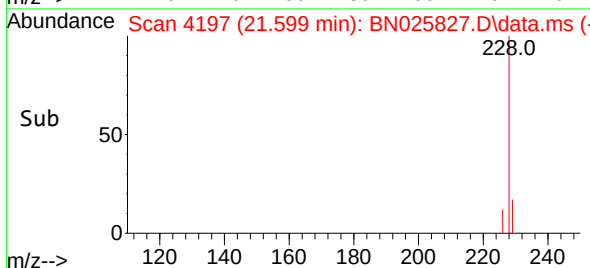
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023

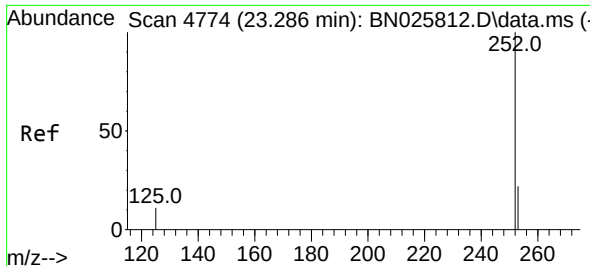


#22
Chrysene
Concen: 0.950 ng/ul
RT: 21.599 min Scan# 4197
Delta R.T. -0.009 min
Lab File: BN025827.D
Acq: 14 Jun 2023 04:12



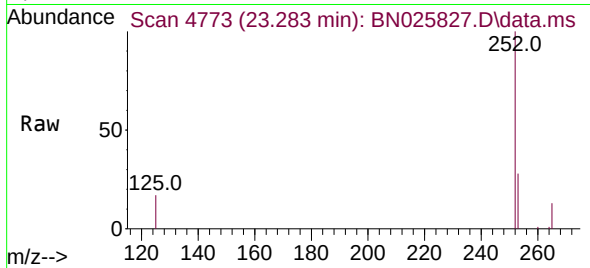
Tgt Ion:228 Resp: 63524
Ion Ratio Lower Upper
228 100
226 31.7 24.7 37.1
229 21.9 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.616 ng/ul m
RT: 23.283 min Scan# 4773
Delta R.T. -0.008 min
Lab File: BN025827.D
Acq: 14 Jun 2023 04:12

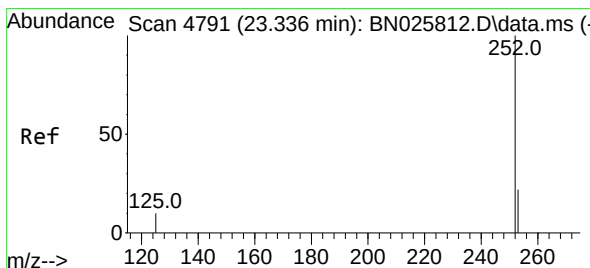
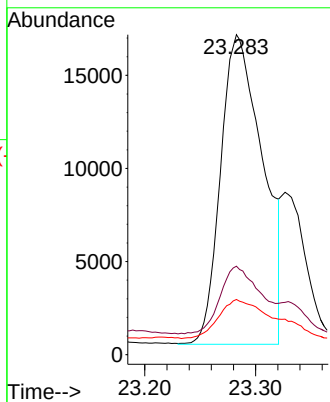
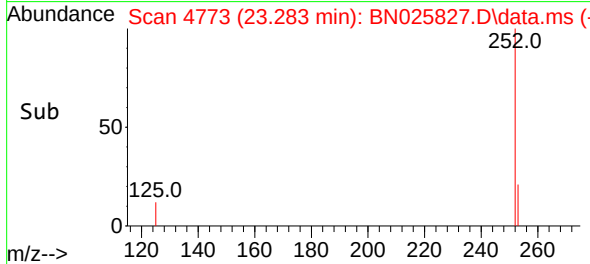
Instrument :
BNA_N
ClientSampleId :
EW997



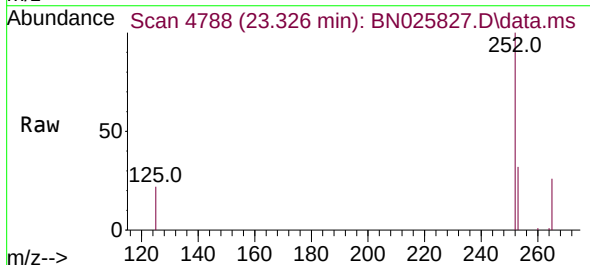
Tgt Ion:252 Resp: 4378
Ion Ratio Lower Upper
252 100
253 27.6 0.0 56.0
125 17.3 0.0 28.0

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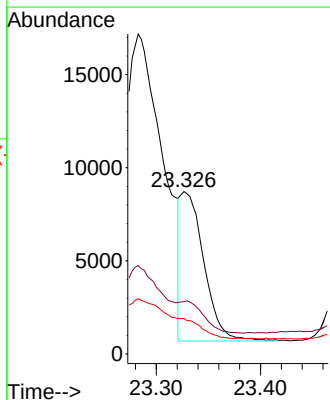
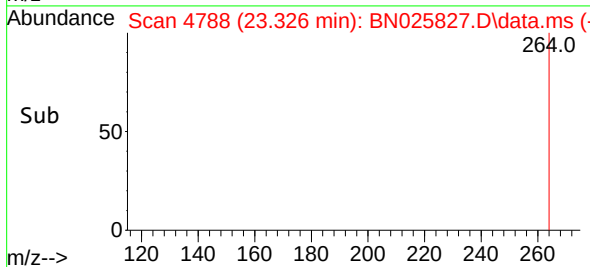
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023

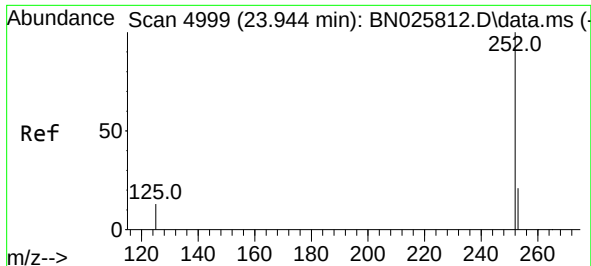


#25
Benzo(k)fluoranthene
Concen: 0.178 ng/ul m
RT: 23.326 min Scan# 4788
Delta R.T. -0.015 min
Lab File: BN025827.D
Acq: 14 Jun 2023 04:12



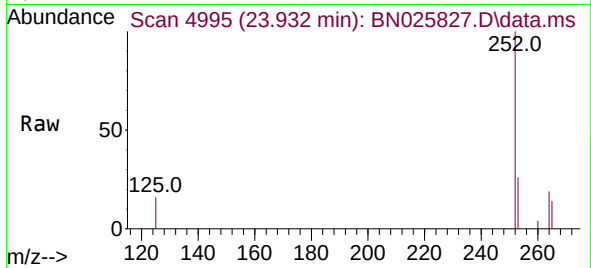
Tgt Ion:252 Resp: 12654
Ion Ratio Lower Upper
252 100
253 32.2 23.3 34.9
125 21.8 11.6 17.4#





#26
Benzo(a)pyrene
Concen: 0.772 ng/ul
RT: 23.932 min Scan# 4995
Delta R.T. -0.011 min
Lab File: BN025827.D
Acq: 14 Jun 2023 04:12

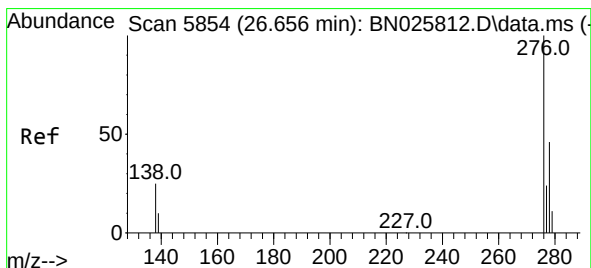
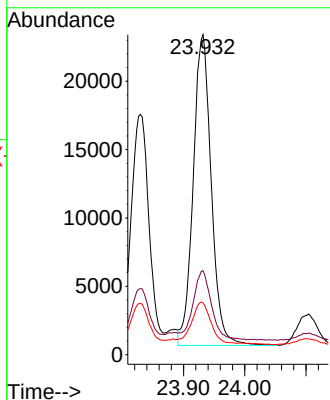
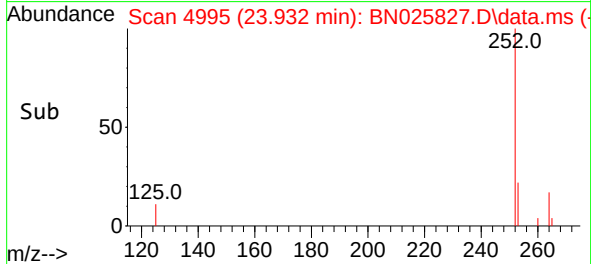
Instrument :
BNA_N
ClientSampleId :
EW997



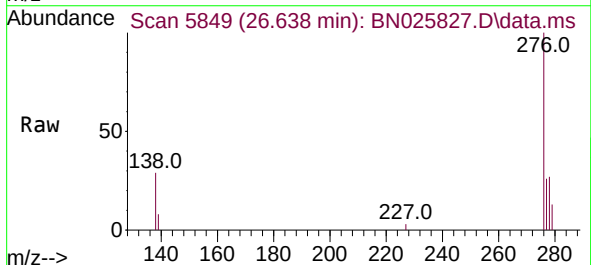
Tgt Ion:252 Resp: 4649
Ion Ratio Lower Upper
252 100
253 26.3 25.8 38.8
125 16.2 13.5 20.3

Manual Integrations
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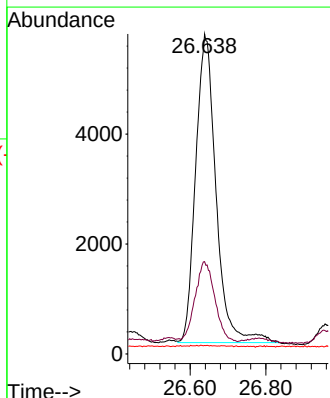
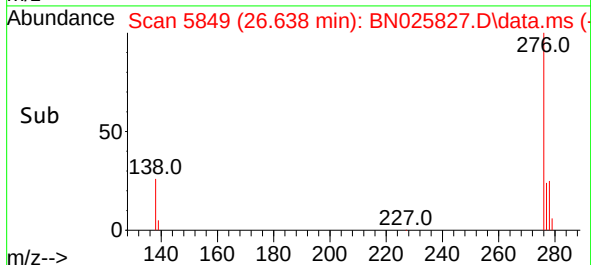
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023

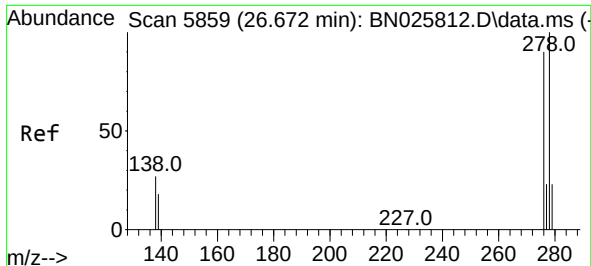


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.305 ng/ul
RT: 26.638 min Scan# 5849
Delta R.T. -0.020 min
Lab File: BN025827.D
Acq: 14 Jun 2023 04:12



Tgt Ion:276 Resp: 20920
Ion Ratio Lower Upper
276 100
138 25.0 24.6 36.8
227 0.3 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.117 ng/ul

RT: 26.648 min Scan# 5085

Delta R.T. -0.037 min

Lab File: BN025827.D

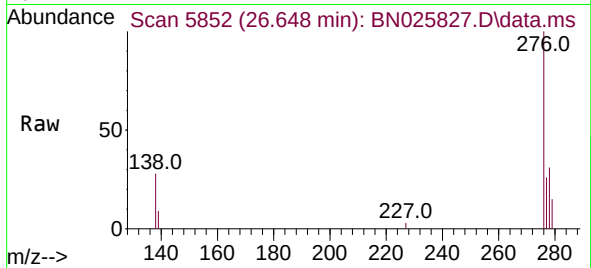
Acq: 14 Jun 2023 04:12

Instrument :

BNA_N

ClientSampleId :

EW997



Tgt Ion:278 Resp: 6085

Ion Ratio Lower Upper

278 100

139 30.1 17.9 26.9

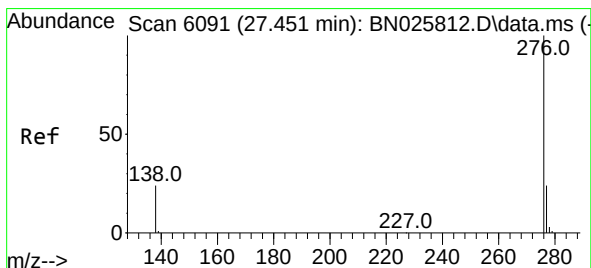
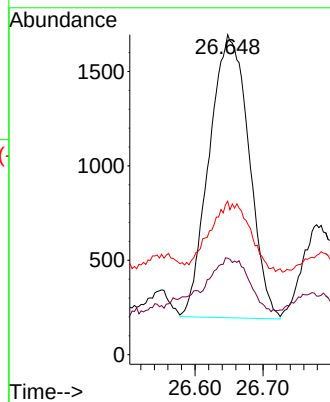
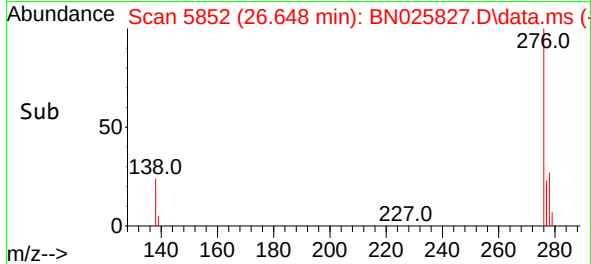
279 48.0 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/14/2023



#29

Benzo(g,h,i)perylene

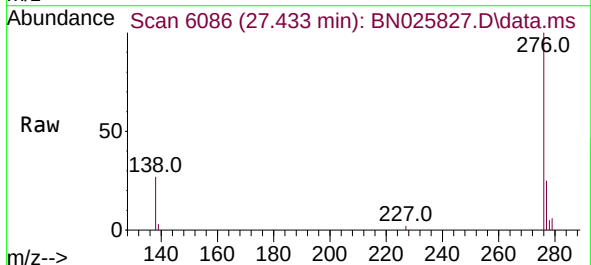
Concen: 0.368 ng/ul

RT: 27.433 min Scan# 6086

Delta R.T. -0.016 min

Lab File: BN025827.D

Acq: 14 Jun 2023 04:12



Tgt Ion:276 Resp: 22657

Ion Ratio Lower Upper

276 100

138 27.1 21.8 32.8

277 25.1 19.4 29.2

