

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
 Data File : BN025831.D
 Acq On : 14 Jun 2023 08:10
 Operator : MA/JU
 Sample : 02950-01DL 5X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW978DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 14 08:38:53 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	9974	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.813	136	30685	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.635	164	23646	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.380	188	37592	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.566	240	20863	0.400	ng/ul	# 0.00
23) Perylene-d12	24.036	264	21855	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	5023	0.512	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.397	152	1544	0.040	ng/ul	-0.01
18) Fluoranthene-d10	19.404	212	3720	0.057	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.862	128	20560	0.263	ng/ul#	92
7) 2-Methylnaphthalene	12.468	142	13364	0.285	ng/ul	96
8) 1-Methylnaphthalene	12.688	142	558798	10.816	ng/ul	100
10) Acenaphthylene	14.357	152	131328	1.405	ng/ul#	74
11) Acenaphthene	14.699	153	982188	12.592	ng/ul	97
12) Fluorene	15.680	166	682283	7.853	ng/ul	99
15) Phenanthrene	17.422	178	3221874	29.387	ng/ul	99
16) Anthracene	17.511	178	1081952	11.687	ng/ul	99
19) Fluoranthene	19.437	202	1400137	14.672	ng/ul	99
20) Pyrene	19.799	202	2085677	21.113	ng/ul	99
21) Benzo(a)anthracene	21.549	228	625867	9.407	ng/ul	93
22) Chrysene	21.604	228	656769	8.633	ng/ul	97
24) Benzo(b)fluoranthene	23.285	252	317853m	3.556	ng/ul	
25) Benzo(k)fluoranthene	23.323	252	93362m	1.041	ng/ul	
26) Benzo(a)pyrene	23.925	252	362894	4.790	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.610	276	112710	1.305	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.624	278	41781	0.639	ng/ul	98
29) Benzo(g,h,i)perylene	27.405	276	112771	1.455	ng/ul	99

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

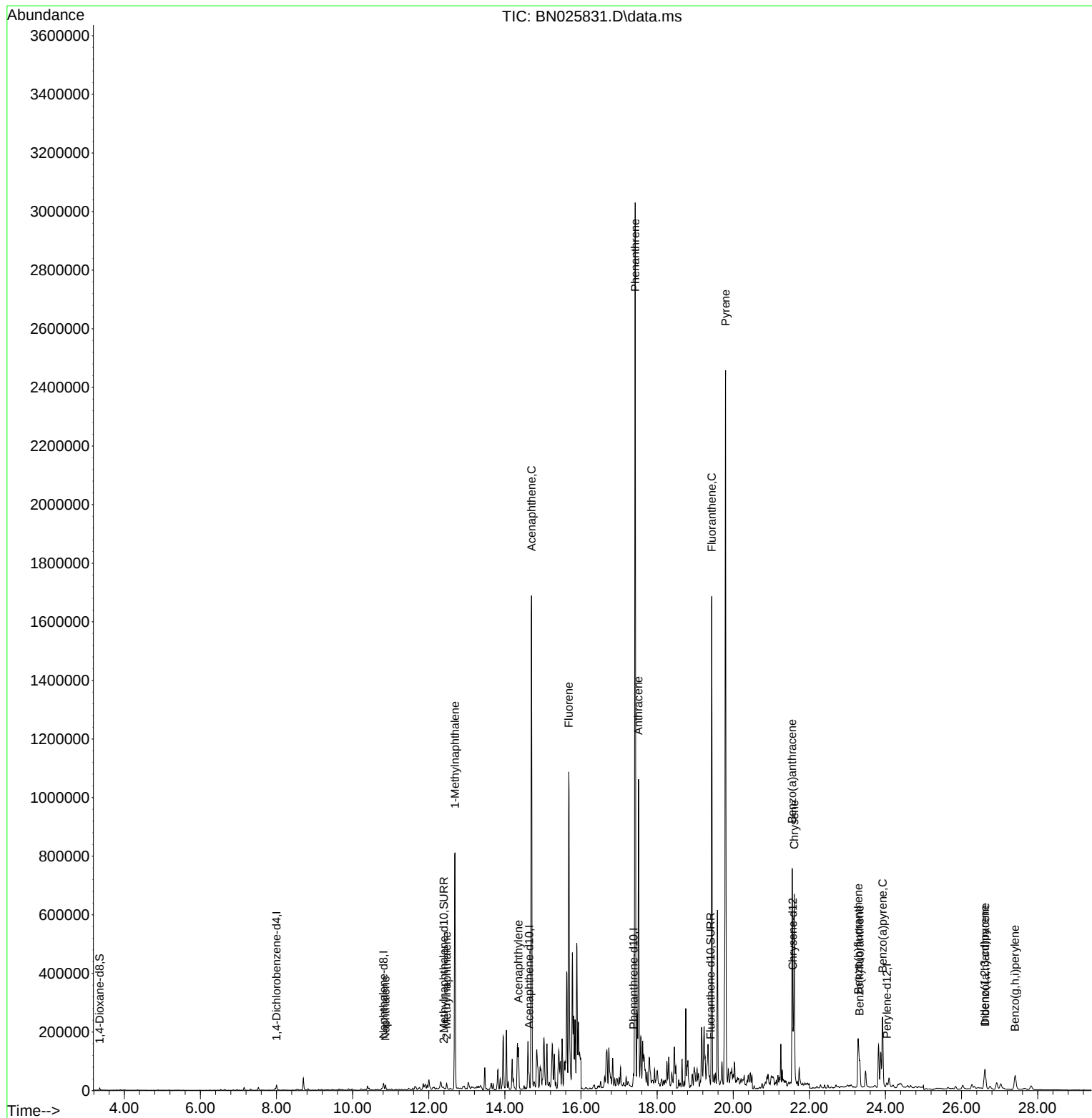
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
Data File : BN025831.D
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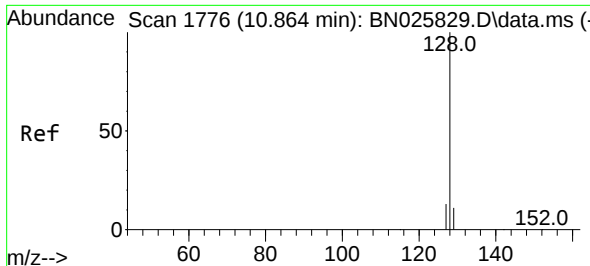
Instrument :
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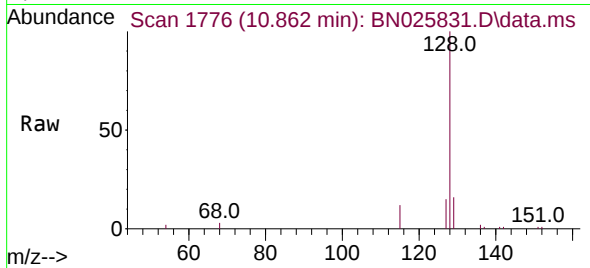
Quant Time: Jun 14 08:38:53 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 10 02:01:49 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.263 ng/ul
RT: 10.862 min Scan# 1776
Delta R.T. -0.013 min
Lab File: BN025831.D
Acq: 14 Jun 2023 08:10

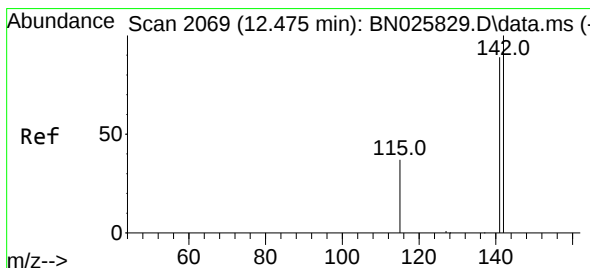
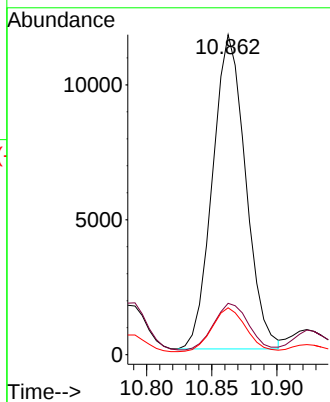
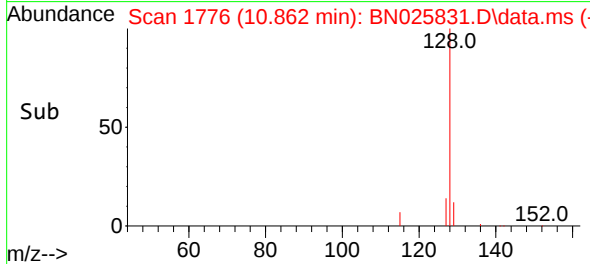
Instrument :
BNA_N
ClientSampleId :
EW978DL



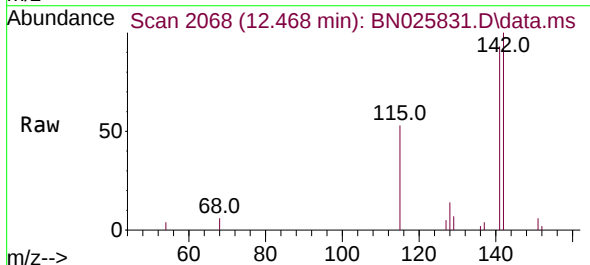
Tgt Ion:128 Resp: 20560
Ion Ratio Lower Upper
128 100
129 16.1 9.1 13.7
127 14.6 10.5 15.7

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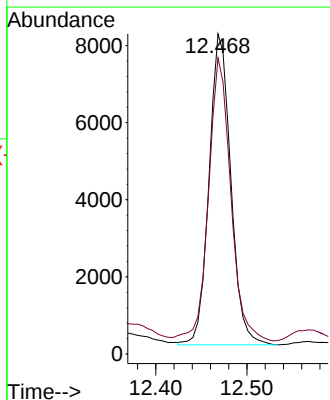
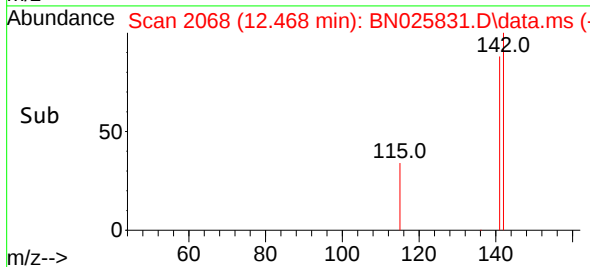
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023

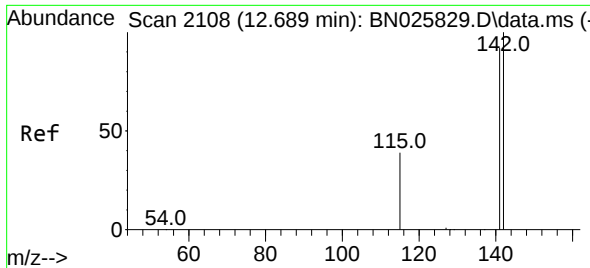


#7
2-Methylnaphthalene
Concen: 0.285 ng/ul
RT: 12.468 min Scan# 2068
Delta R.T. -0.012 min
Lab File: BN025831.D
Acq: 14 Jun 2023 08:10



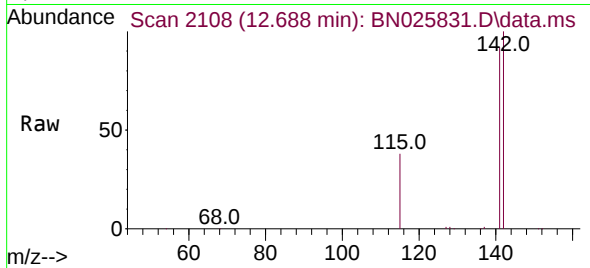
Tgt Ion:142 Resp: 13364
Ion Ratio Lower Upper
142 100
141 92.9 71.4 107.2





#8
1-Methylnaphthalene
Concen: 10.816 ng/ul
RT: 12.688 min Scan# 2108
Delta R.T. -0.012 min
Lab File: BN025831.D
Acq: 14 Jun 2023 08:10

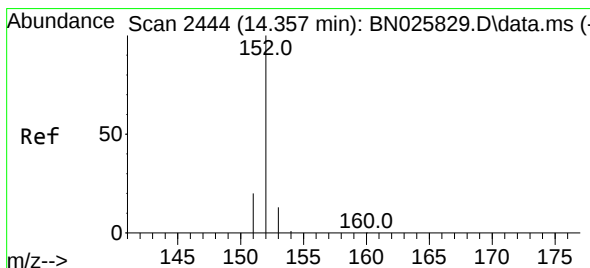
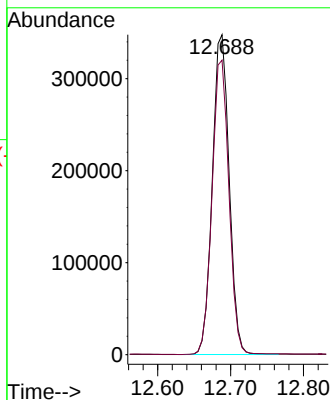
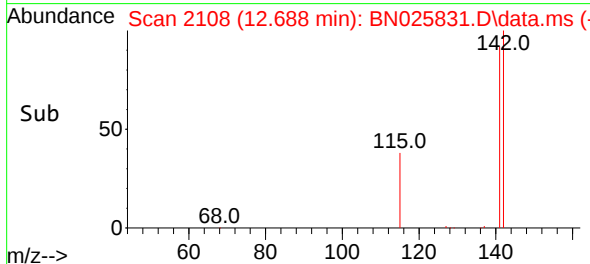
Instrument :
BNA_N
ClientSampleId :
EW978DL



Tgt Ion:142 Resp: 558798
Ion Ratio Lower Upper
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141 92.5 74.0 111.0

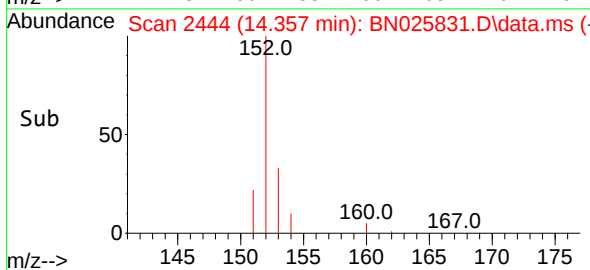
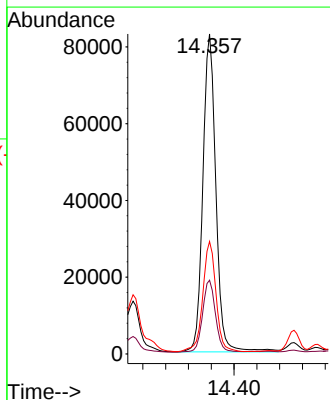
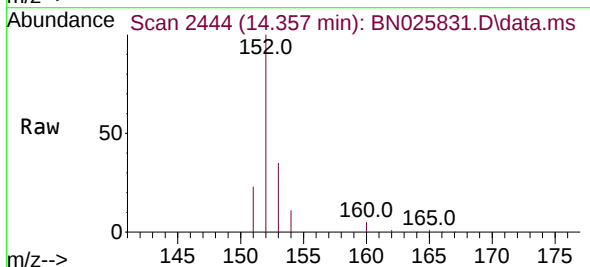
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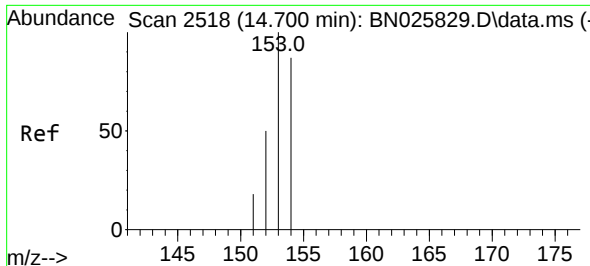
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#10
Acenaphthylene
Concen: 1.405 ng/ul
RT: 14.357 min Scan# 2444
Delta R.T. -0.009 min
Lab File: BN025831.D
Acq: 14 Jun 2023 08:10

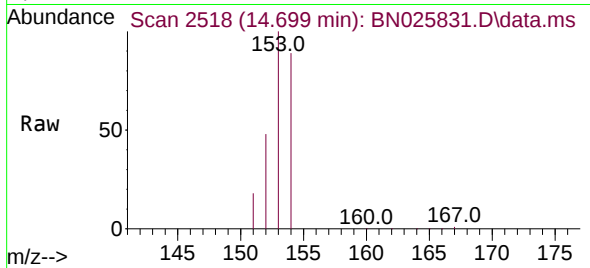
Tgt Ion:152 Resp: 131328
Ion Ratio Lower Upper
152 100
151 23.0 16.0 24.0
153 35.1 10.7 16.1#





#11
Acenaphthene
Concen: 12.592 ng/ul
RT: 14.699 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN025831.D
Acq: 14 Jun 2023 08:10

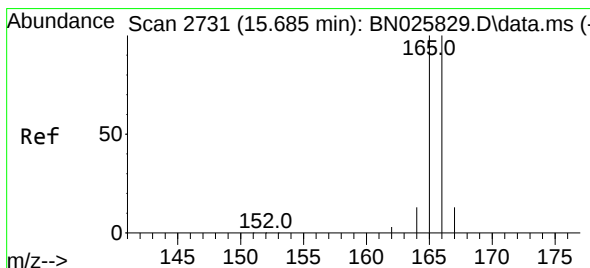
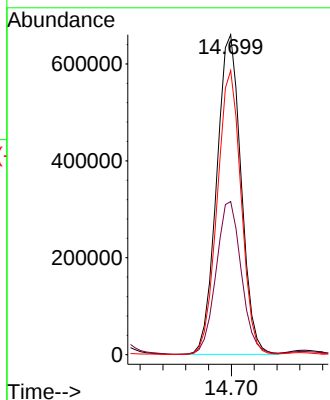
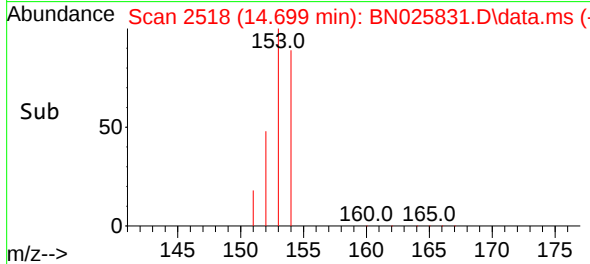
Instrument :
BNA_N
ClientSampleId :
EW978DL



Tgt Ion:153 Resp: 982188
Ion Ratio Lower Upper
153 100
152 47.8 39.5 59.3
154 88.8 68.8 103.2

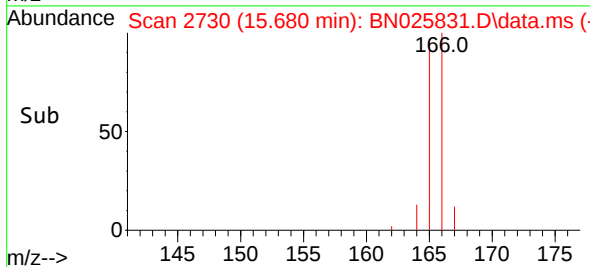
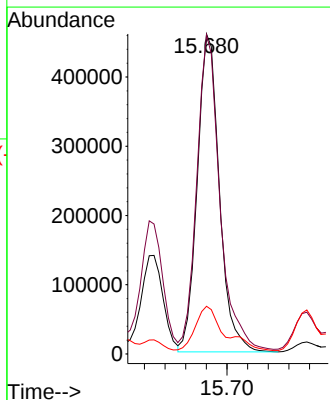
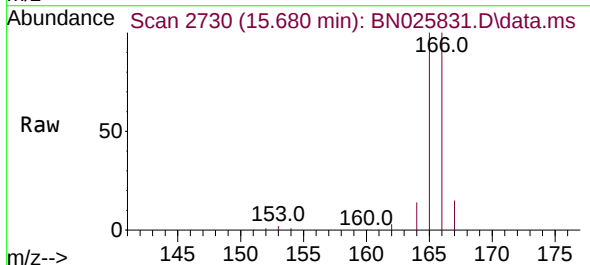
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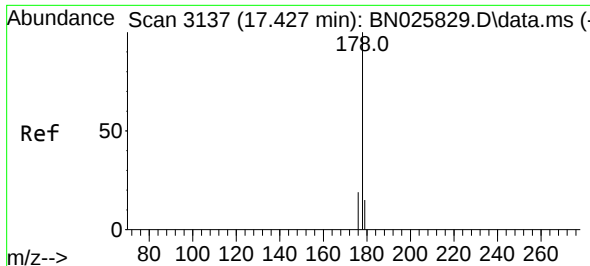
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#12
Fluorene
Concen: 7.853 ng/ul
RT: 15.680 min Scan# 2730
Delta R.T. -0.010 min
Lab File: BN025831.D
Acq: 14 Jun 2023 08:10

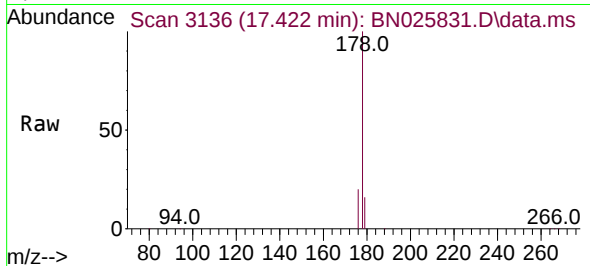
Tgt Ion:166 Resp: 682283
Ion Ratio Lower Upper
166 100
165 99.8 79.2 118.8
167 14.9 11.0 16.6





#15
Phenanthrene
Concen: 29.387 ng/ul
RT: 17.422 min Scan# 3136
Delta R.T. -0.009 min
Lab File: BN025831.D
Acq: 14 Jun 2023 08:10

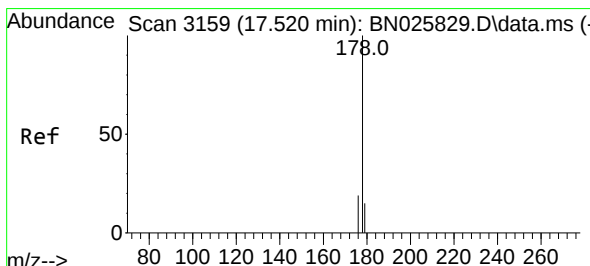
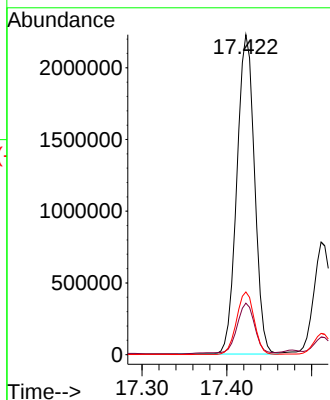
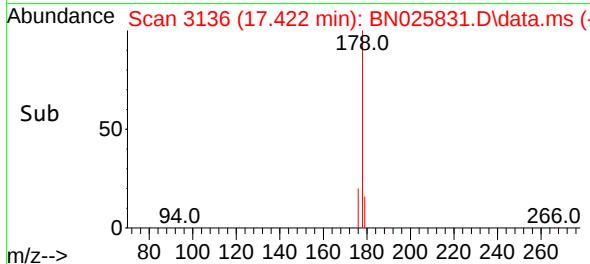
Instrument :
BNA_N
ClientSampleId :
EW978DL



Tgt Ion:178 Resp: 3221874
Ion Ratio Lower Upper
178 100
179 16.1 12.6 18.8
176 19.6 15.8 23.8

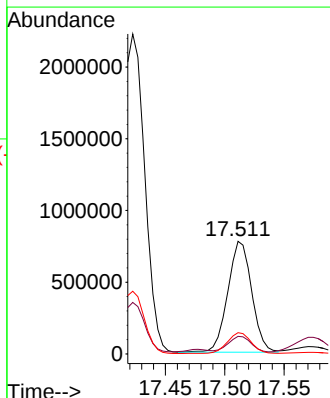
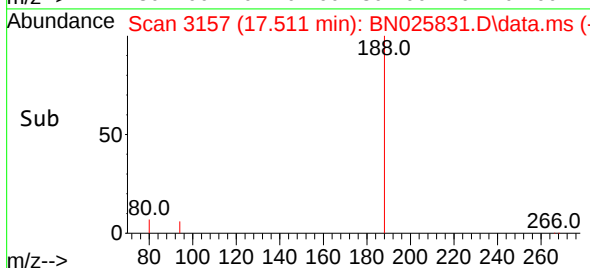
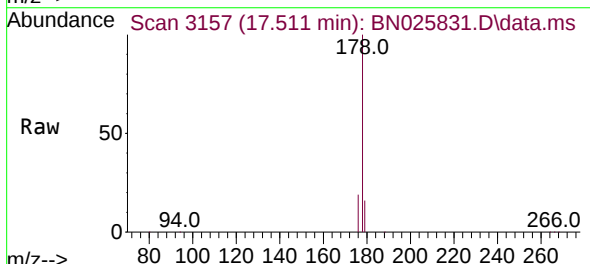
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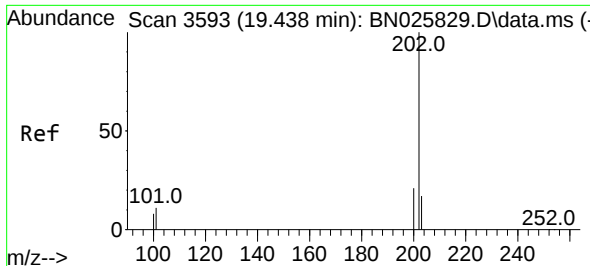
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#16
Anthracene
Concen: 11.687 ng/ul
RT: 17.511 min Scan# 3157
Delta R.T. -0.013 min
Lab File: BN025831.D
Acq: 14 Jun 2023 08:10

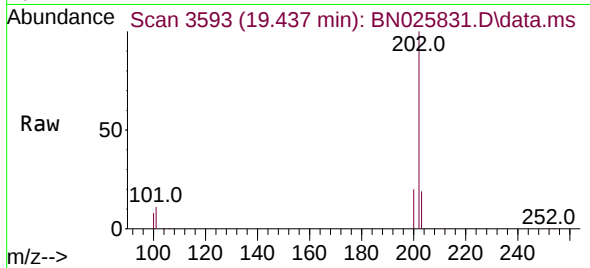
Tgt Ion:178 Resp: 1081952
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 18.9 15.4 23.2





#19
Fluoranthene
Concen: 14.672 ng/u1
RT: 19.437 min Scan# 3593
Delta R.T. -0.005 min
Lab File: BN025831.D
Acq: 14 Jun 2023 08:10

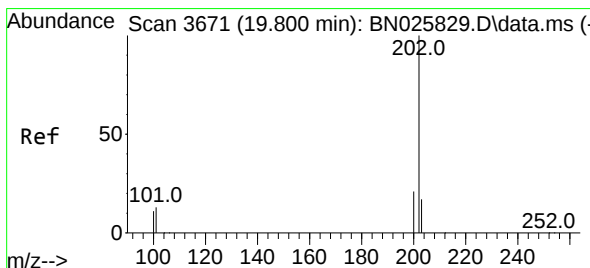
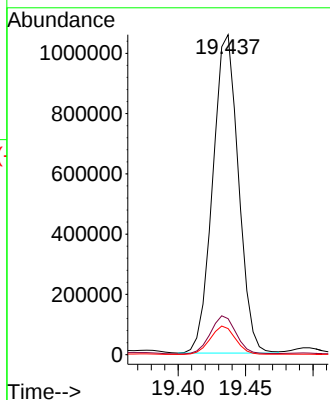
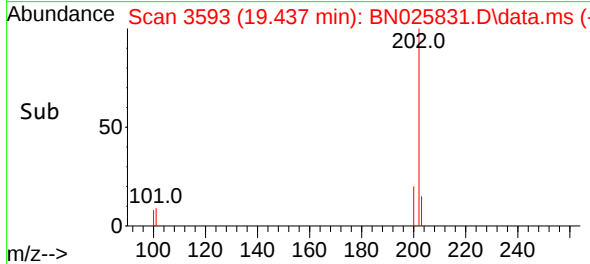
Instrument :
BNA_N
ClientSampleId :
EW978DL



Tgt Ion:202 Resp: 140013
Ion Ratio Lower Upper
202 100
101 11.2 9.1 13.7
100 8.1 7.0 10.6

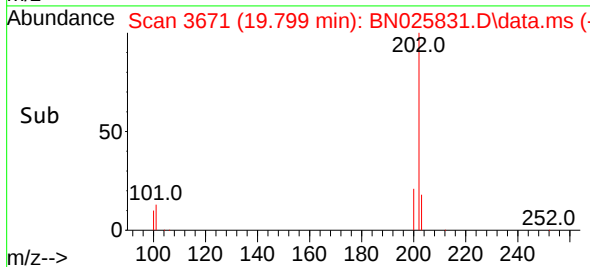
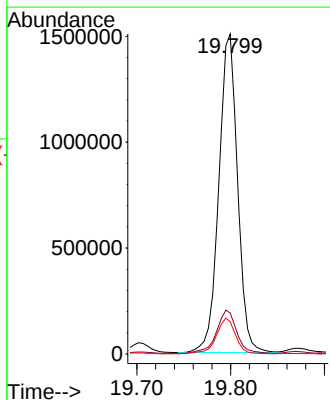
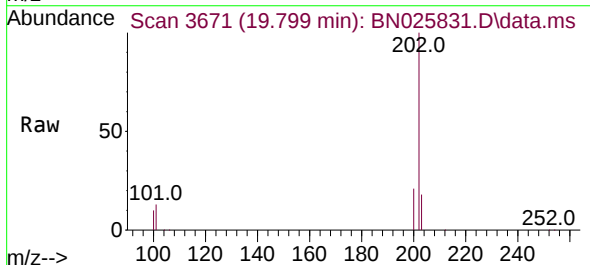
Manual Integrations
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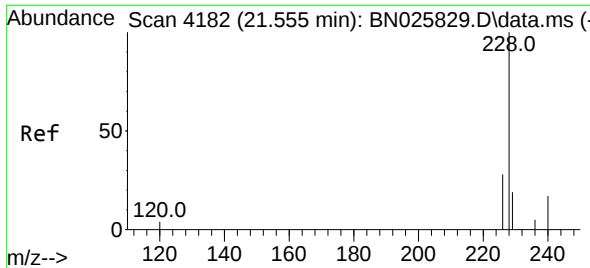
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#20
Pyrene
Concen: 21.113 ng/u1
RT: 19.799 min Scan# 3671
Delta R.T. -0.006 min
Lab File: BN025831.D
Acq: 14 Jun 2023 08:10

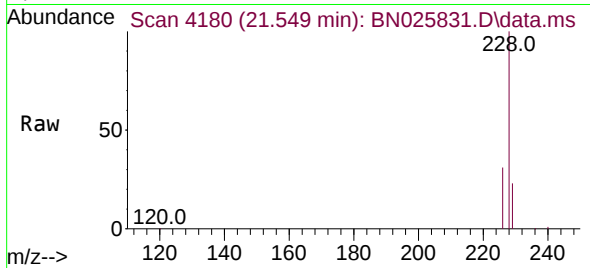
Tgt Ion:202 Resp: 2085677
Ion Ratio Lower Upper
202 100
101 12.8 10.4 15.6
100 10.1 8.8 13.2





#21
Benzo(a)anthracene
Concen: 9.407 ng/u1
RT: 21.549 min Scan# 4182
Delta R.T. -0.003 min
Lab File: BN025831.D
Acq: 14 Jun 2023 08:10

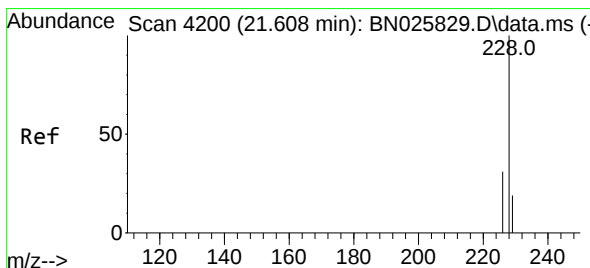
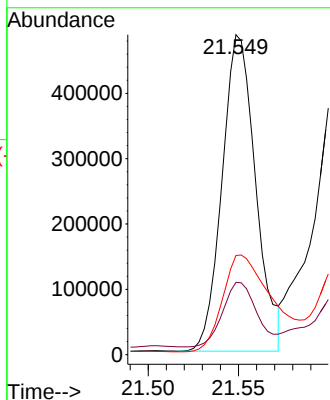
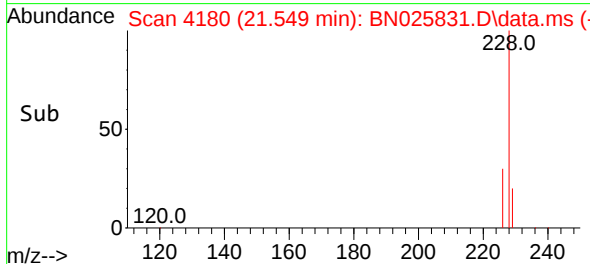
Instrument :
BNA_N
ClientSampleId :
EW978DL



Tgt Ion:228 Resp: 62586
Ion Ratio Lower Upper
228 100
229 22.6 15.5 23.3
226 31.0 22.0 33.0

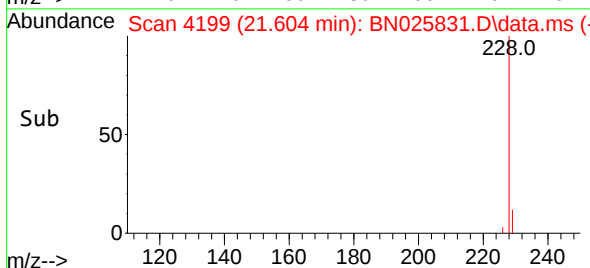
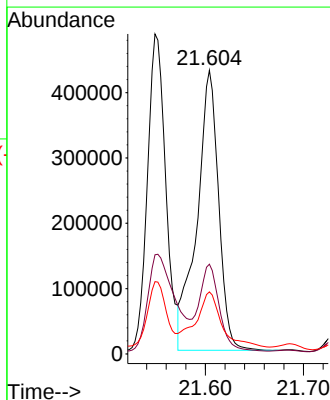
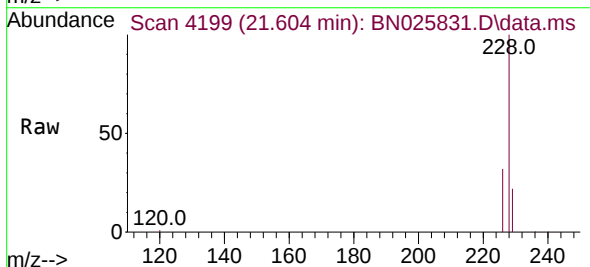
Manual Integrations
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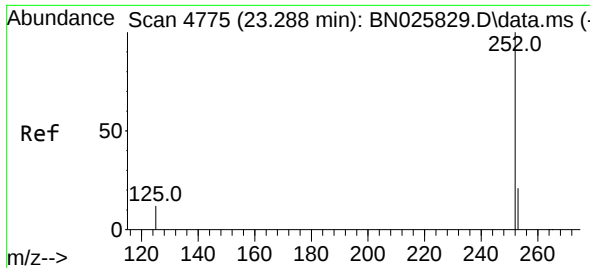
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#22
Chrysene
Concen: 8.633 ng/u1
RT: 21.604 min Scan# 4199
Delta R.T. -0.004 min
Lab File: BN025831.D
Acq: 14 Jun 2023 08:10

Tgt Ion:228 Resp: 656769
Ion Ratio Lower Upper
228 100
226 31.6 24.7 37.1
229 21.9 15.7 23.5





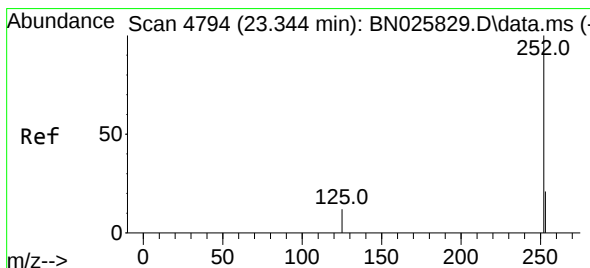
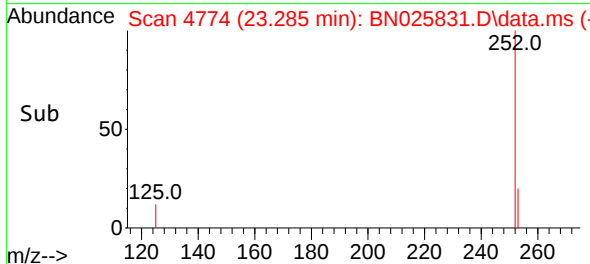
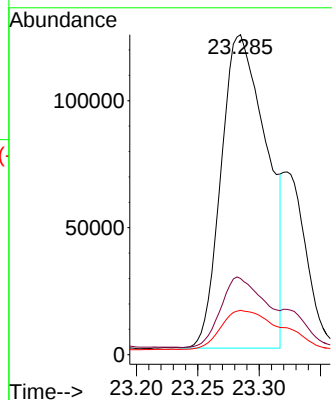
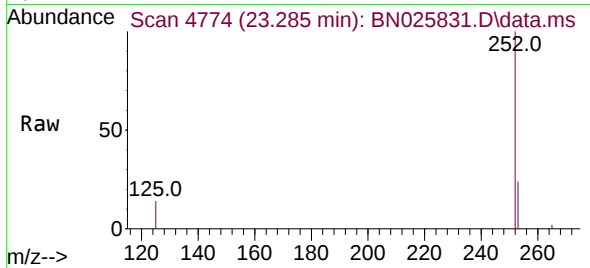
#24
Benzo(b)fluoranthene
Concen: 3.556 ng/ul m
RT: 23.285 min Scan# 4775
Delta R.T. -0.006 min
Lab File: BN025831.D
Acq: 14 Jun 2023 08:10

Instrument :
BNA_N
ClientSampleId :
EW978DL

Tgt Ion:252 Resp: 31785
Ion Ratio Lower Upper
252 100
253 23.8 0.0 56.0
125 13.8 0.0 28.0

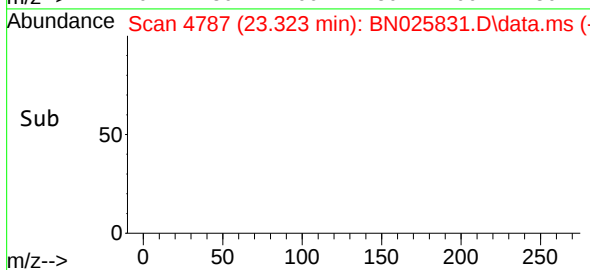
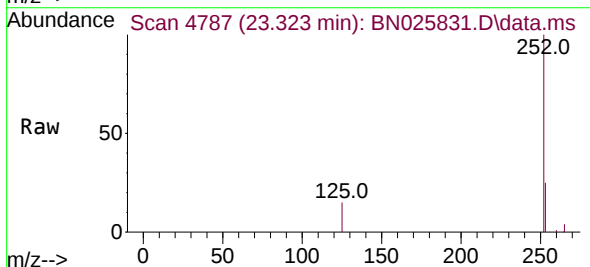
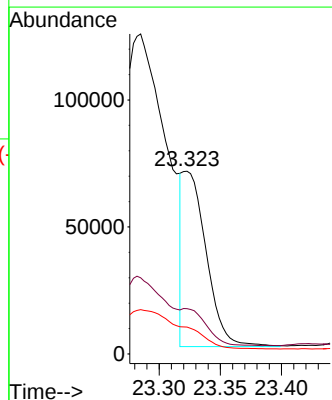
Manual Integrations
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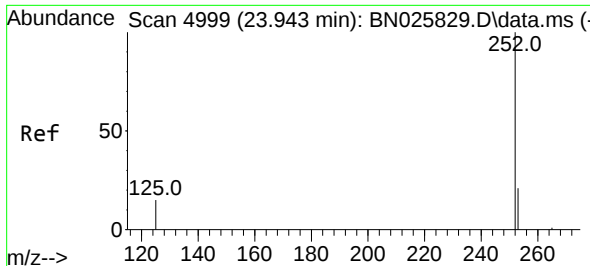
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#25
Benzo(k)fluoranthene
Concen: 1.041 ng/ul m
RT: 23.323 min Scan# 4787
Delta R.T. -0.018 min
Lab File: BN025831.D
Acq: 14 Jun 2023 08:10

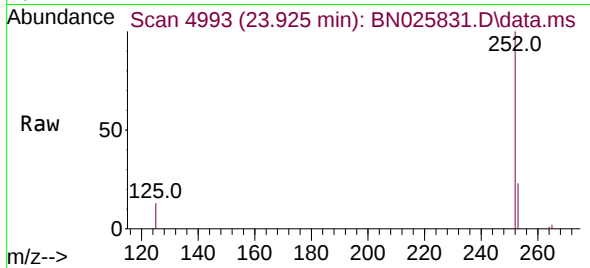
Tgt Ion:252 Resp: 93362
Ion Ratio Lower Upper
252 100
253 24.8 23.3 34.9
125 14.7 11.6 17.4





#26
Benzo(a)pyrene
Concen: 4.790 ng/ul
RT: 23.925 min Scan# 4999
Delta R.T. -0.018 min
Lab File: BN025831.D
Acq: 14 Jun 2023 08:10

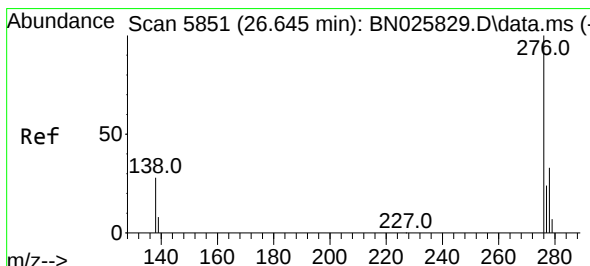
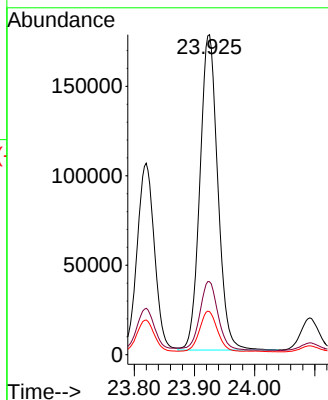
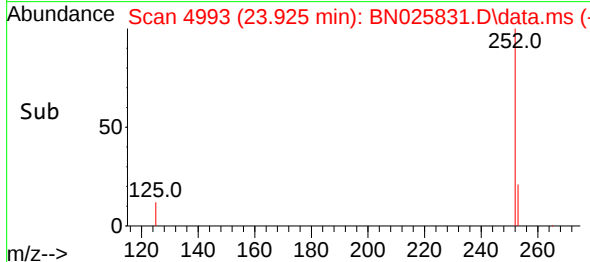
Instrument :
BNA_N
ClientSampleId :
EW978DL



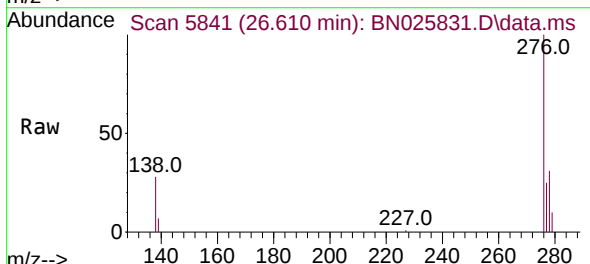
Tgt Ion:252 Resp: 362894
Ion Ratio Lower Upper
252 100
253 22.8 25.8 38.8
125 13.5 13.5 20.3

Manual Integrations
APPROVED

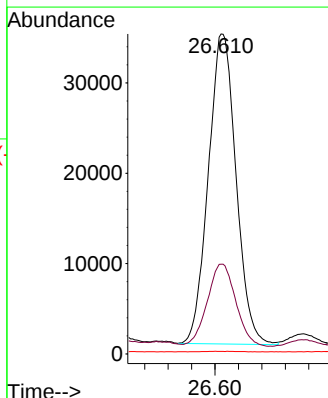
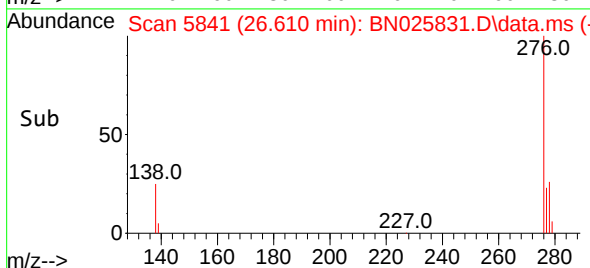
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023

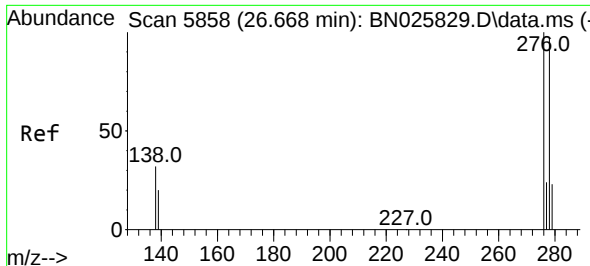


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.305 ng/ul
RT: 26.610 min Scan# 5841
Delta R.T. -0.048 min
Lab File: BN025831.D
Acq: 14 Jun 2023 08:10



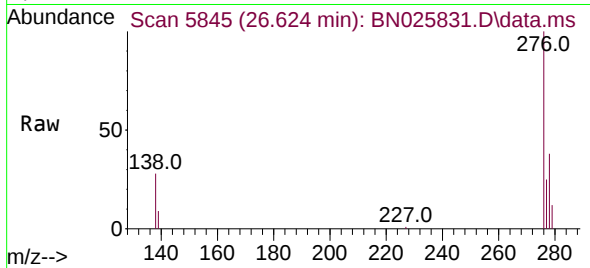
Tgt Ion:276 Resp: 112710
Ion Ratio Lower Upper
276 100
138 27.3 24.6 36.8
227 0.2 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.639 ng/ul
RT: 26.624 min Scan# 5845
Delta R.T. -0.061 min
Lab File: BN025831.D
Acq: 14 Jun 2023 08:10

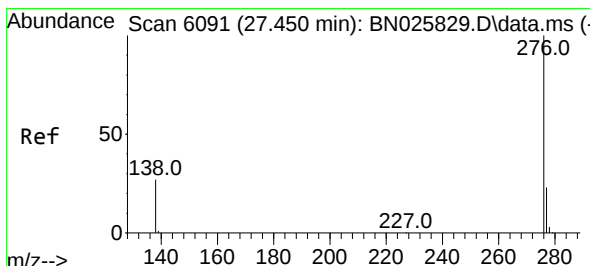
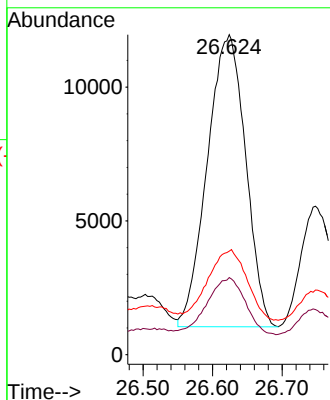
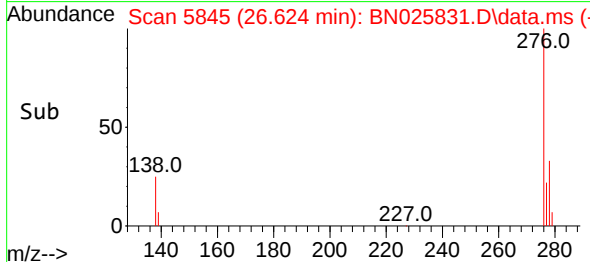
Instrument :
BNA_N
ClientSampleId :
EW978DL



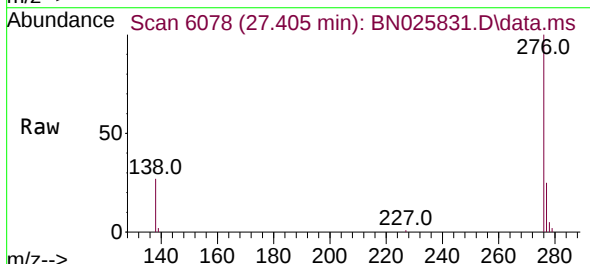
Tgt Ion:278 Resp: 4178
Ion Ratio Lower Upper
278 100
139 24.1 17.9 26.9
279 32.3 25.3 37.9

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 1.455 ng/ul
RT: 27.405 min Scan# 6078
Delta R.T. -0.044 min
Lab File: BN025831.D
Acq: 14 Jun 2023 08:10



Tgt Ion:276 Resp: 112771
Ion Ratio Lower Upper
276 100
138 27.0 21.8 32.8
277 24.8 19.4 29.2

