

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
 Data File : BN028073.D
 Acq On : 06 Oct 2023 06:43
 Operator : MA/JU
 Sample : 04527-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYH0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/06/2023
 Supervised By :mohammad ahmed 10/07/2023

Quant Time: Oct 06 07:09:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 06 05:15:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	4676	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.757	136	14838	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.587	164	7890	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.342	188	15994	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.533	240	12782	0.400	ng/ul	# 0.01
23) Perylene-d12	24.012	264	19331	0.400	ng/ul	# 0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	15511	2.641	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.341	152	3756	0.157	ng/ul	0.00
18) Fluoranthene-d10	19.376	212	6400	0.158	ng/ul	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.368	88	1883	0.303	ng/ul#	70
5) Naphthalene	10.806	128	418669	9.940	ng/ul	99
7) 2-Methylnaphthalene	12.412	142	228331	8.587	ng/ul	100
8) 1-Methylnaphthalene	12.632	142	148536	5.399	ng/ul	99
10) Acenaphthylene	14.314	152	60823	1.699	ng/ul	96
11) Acenaphthene	14.647	153	76374	2.681	ng/ul	99
12) Fluorene	15.637	166	147610	4.658	ng/ul	99
15) Phenanthrene	17.384	178	897033	18.818	ng/ul	99
16) Anthracene	17.477	178	165530	3.881	ng/ul#	96
19) Fluoranthene	19.404	202	1108049	22.703	ng/ul	99
20) Pyrene	19.771	202	1189362m	23.512	ng/ul	
21) Benzo(a)anthracene	21.519	228	790662	16.942	ng/ul	96
22) Chrysene	21.571	228	1079979	22.913	ng/ul#	95
24) Benzo(b)fluoranthene	23.249	252	1917718m	26.754	ng/ul	
25) Benzo(k)fluoranthene	23.290	252	597489m	8.377	ng/ul	
26) Benzo(a)pyrene	23.901	252	1229557	20.118	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	26.610	276	1059086	14.321	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.620	278	281702	4.683	ng/ul#	92
29) Benzo(g,h,i)perylene	27.431	276	1126203	18.626	ng/ul	98

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

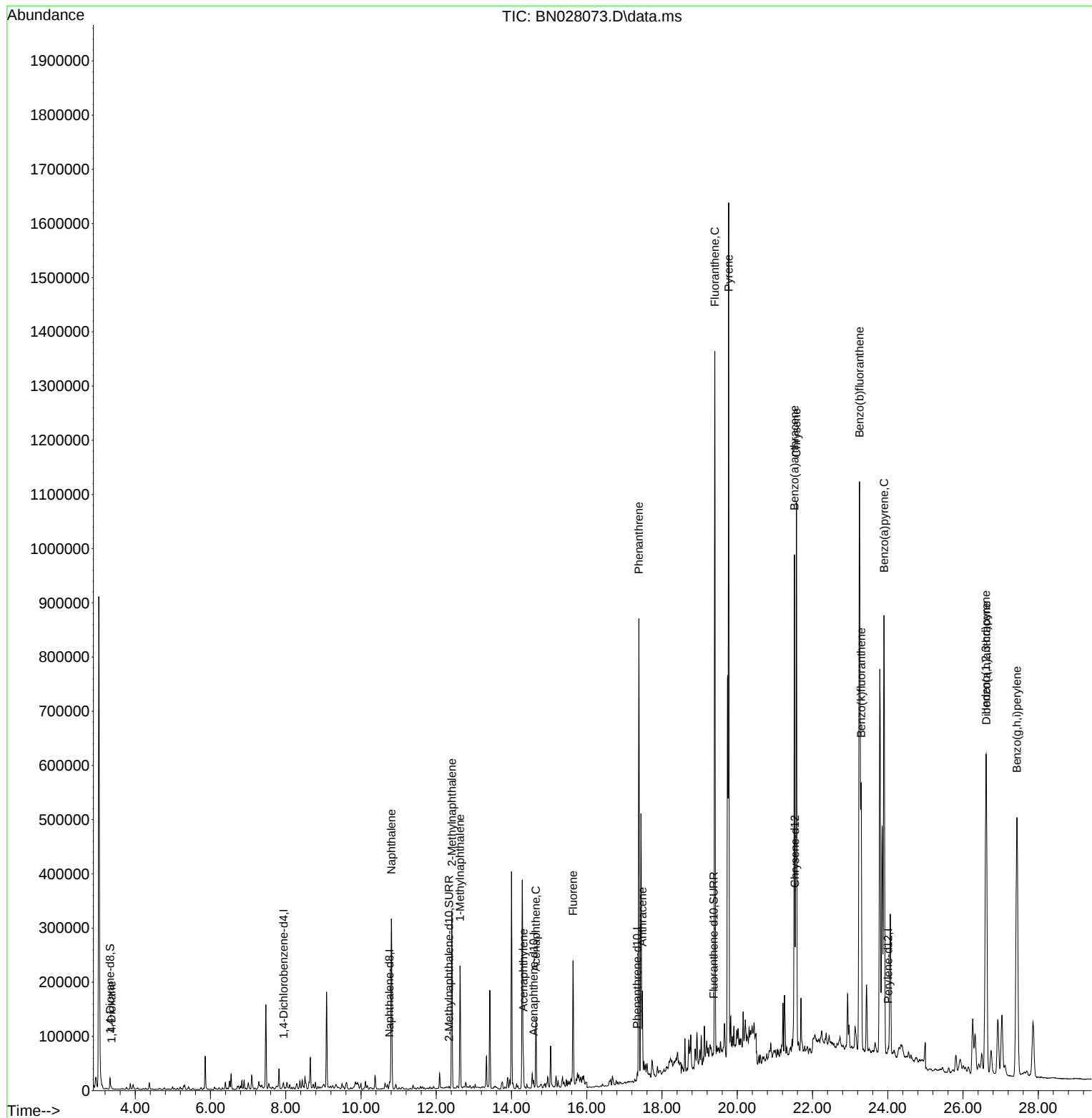
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
Data File : BN028073.D
Acq On : 06 Oct 2023 06:43
Operator : MA/JU
Sample : 04527-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

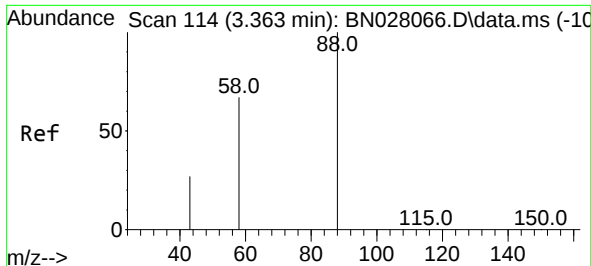
Instrument :
BNA_N
ClientSampleId :
EZYH0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023

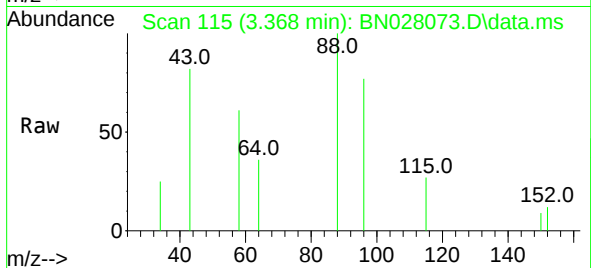
Quant Time: Oct 06 07:09:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 06 05:15:40 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 0.303 ng/ul
RT: 3.368 min Scan# 114
Delta R.T. 0.004 min
Lab File: BN028073.D
Acq: 06 Oct 2023 06:43

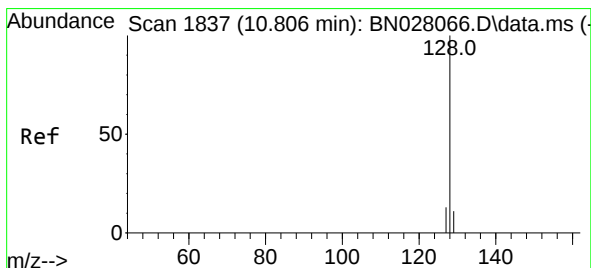
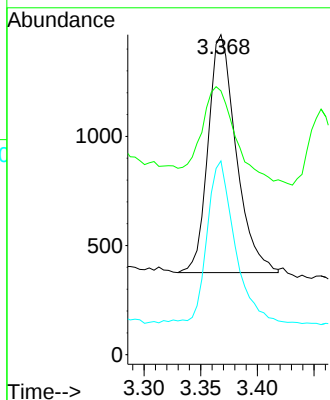
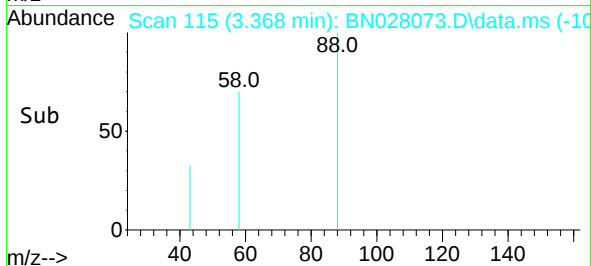
Instrument :
BNA_N
ClientSampleId :
EZYH0



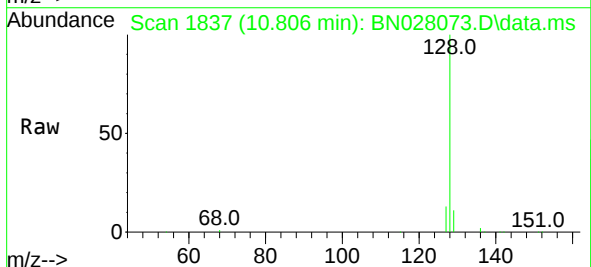
Tgt Ion: 88 Resp: 188
Ion Ratio Lower Upper
88 100
43 82.5 33.4 50.2
58 60.6 45.7 68.5

Manual Integrations
APPROVED

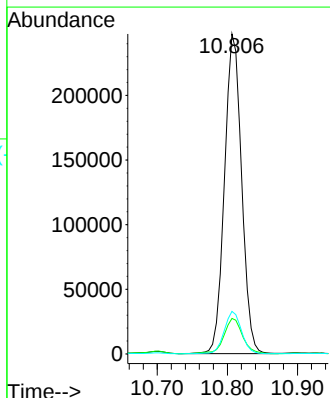
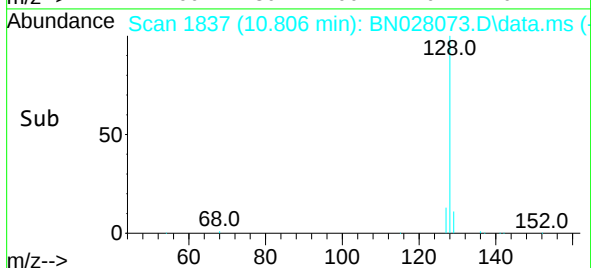
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023

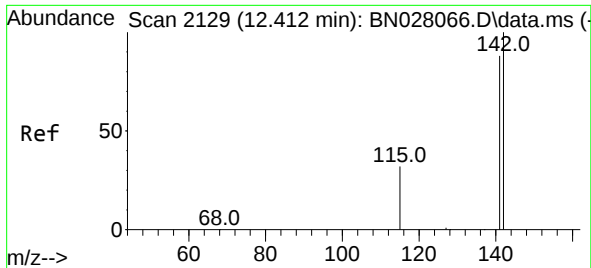


#5
Naphthalene
Concen: 9.940 ng/ul
RT: 10.806 min Scan# 1837
Delta R.T. 0.000 min
Lab File: BN028073.D
Acq: 06 Oct 2023 06:43



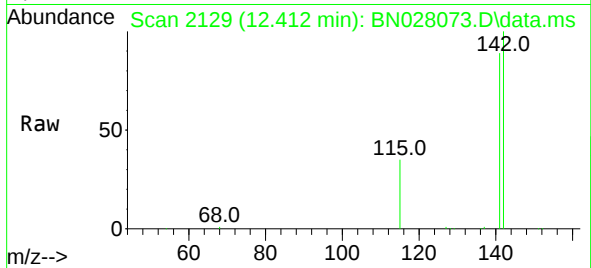
Tgt Ion:128 Resp: 418669
Ion Ratio Lower Upper
128 100
129 11.1 9.4 14.0
127 13.3 11.0 16.4





#7
2-Methylnaphthalene
Concen: 8.587 ng/ul
RT: 12.412 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BN028073.D
Acq: 06 Oct 2023 06:43

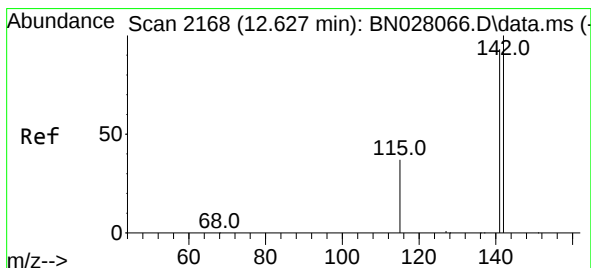
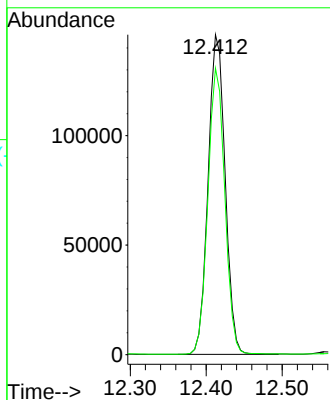
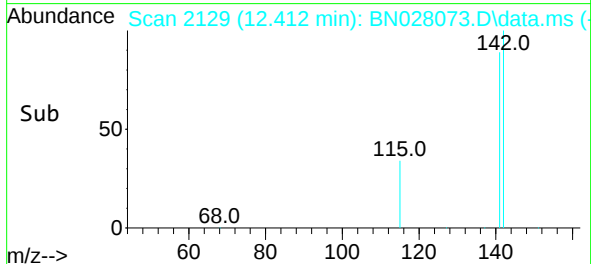
Instrument :
BNA_N
ClientSampleId :
EZYH0



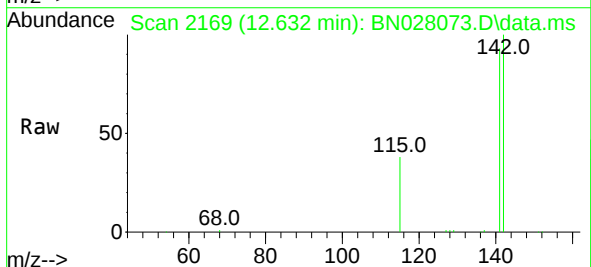
Tgt Ion:142 Resp: 22833
Ion Ratio Lower Upper
142 100
141 88.9 70.9 106.3

Manual Integrations
APPROVED

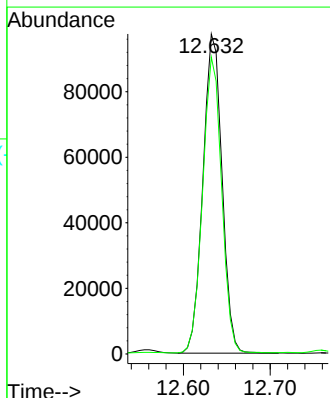
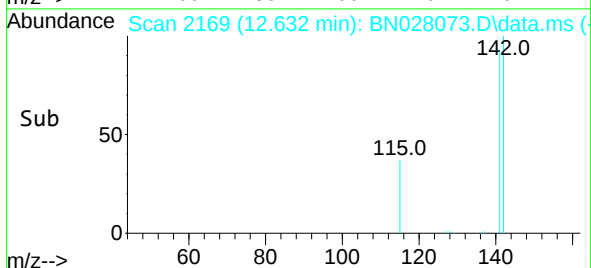
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023

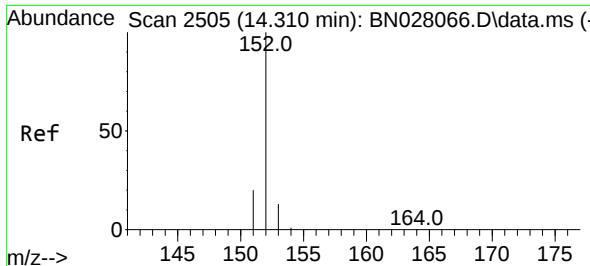


#8
1-Methylnaphthalene
Concen: 5.399 ng/ul
RT: 12.632 min Scan# 2169
Delta R.T. 0.006 min
Lab File: BN028073.D
Acq: 06 Oct 2023 06:43



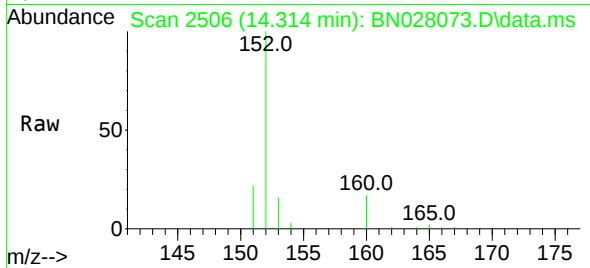
Tgt Ion:142 Resp: 148536
Ion Ratio Lower Upper
142 100
141 92.3 74.4 111.6





#10
Acenaphthylene
Concen: 1.699 ng/ul
RT: 14.314 min Scan# 2506
Delta R.T. 0.005 min
Lab File: BN028073.D
Acq: 06 Oct 2023 06:43

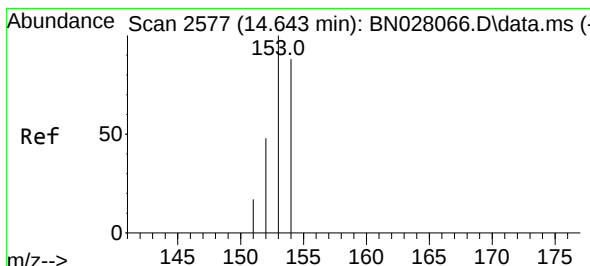
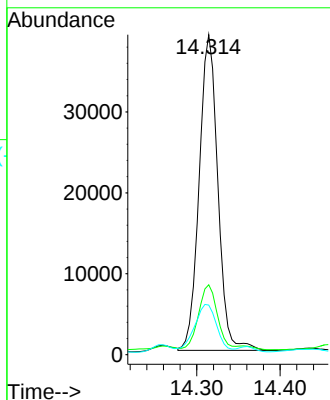
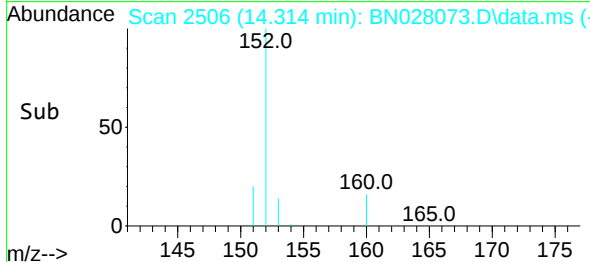
Instrument :
BNA_N
ClientSampleId :
EZYH0



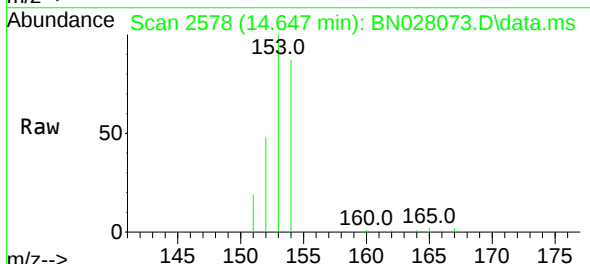
Tgt Ion:152 Resp: 6082
Ion Ratio Lower Upper
152 100
151 21.8 16.4 24.6
153 15.5 10.9 16.3

Manual Integrations
APPROVED

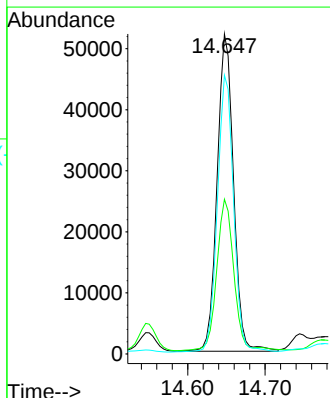
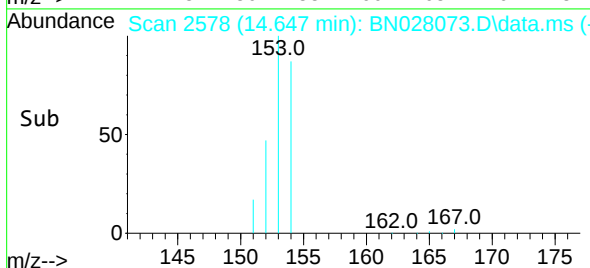
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023

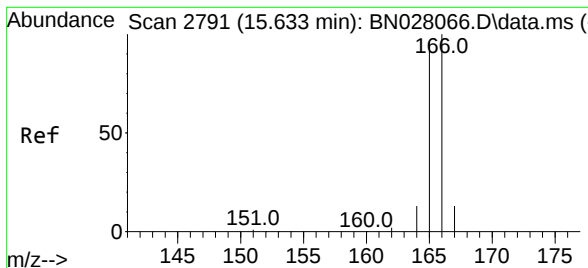


#11
Acenaphthene
Concen: 2.681 ng/ul
RT: 14.647 min Scan# 2578
Delta R.T. 0.005 min
Lab File: BN028073.D
Acq: 06 Oct 2023 06:43



Tgt Ion:153 Resp: 76374
Ion Ratio Lower Upper
153 100
152 48.3 39.4 59.0
154 87.1 70.2 105.4





#12

Fluorene

Concen: 4.658 ng/uI

RT: 15.637 min Scan# 21

Delta R.T. 0.005 min

Lab File: BN028073.D

Acq: 06 Oct 2023 06:43

Instrument :

BNA_N

ClientSampleId :

EZYH0

Tgt Ion:166 Resp: 147610

Ion Ratio Lower Upper

166 100

165 97.5 78.5 117.7

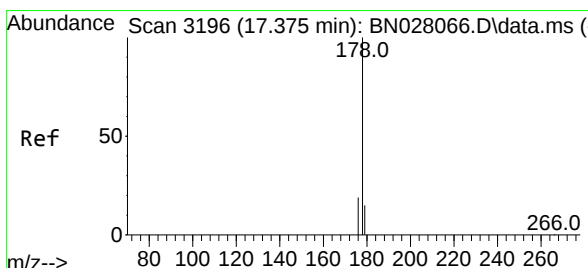
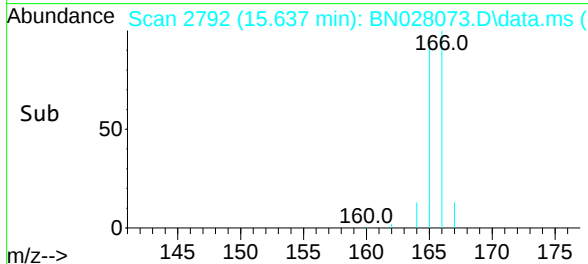
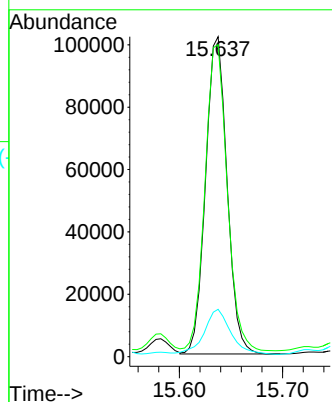
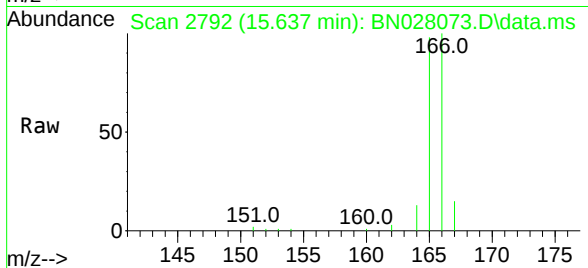
167 14.8 11.2 16.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/06/2023

Supervised By :mohammad ahmed 10/07/2023



#15

Phenanthrene

Concen: 18.818 ng/uI

RT: 17.384 min Scan# 3198

Delta R.T. 0.009 min

Lab File: BN028073.D

Acq: 06 Oct 2023 06:43

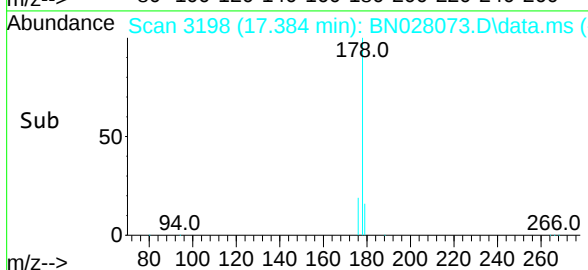
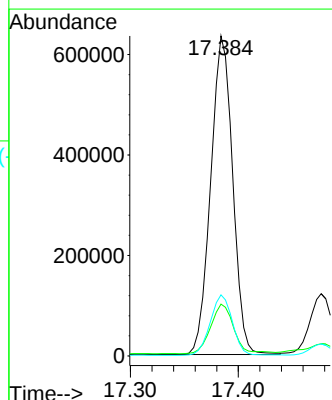
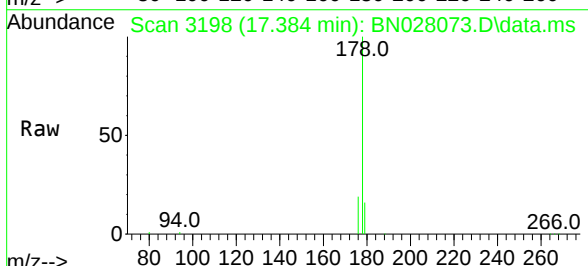
Tgt Ion:178 Resp: 897033

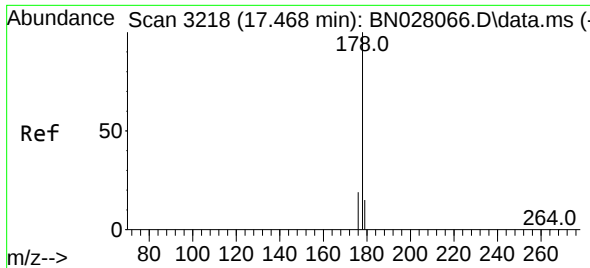
Ion Ratio Lower Upper

178 100

179 16.2 12.6 19.0

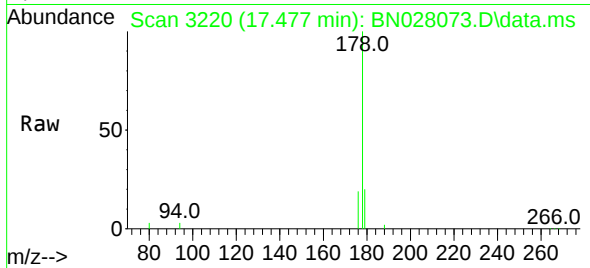
176 19.1 15.5 23.3





#16
 Anthracene
 Concen: 3.881 ng/ul
 RT: 17.477 min Scan# 31
 Delta R.T. 0.009 min
 Lab File: BN028073.D
 Acq: 06 Oct 2023 06:43

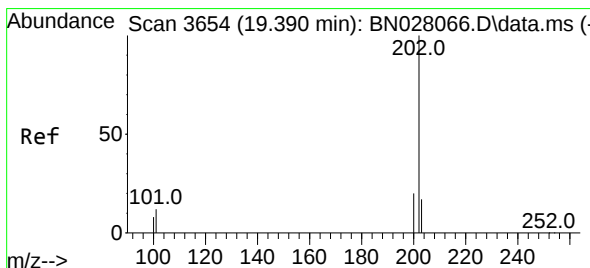
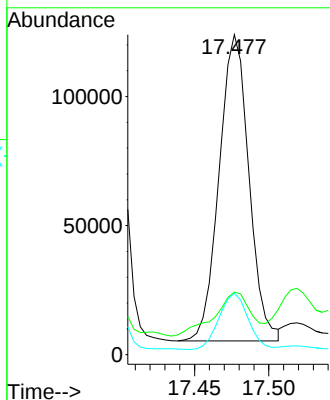
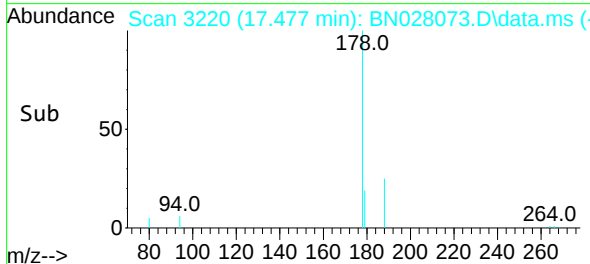
Instrument :
 BNA_N
 ClientSampleId :
 EZYH0



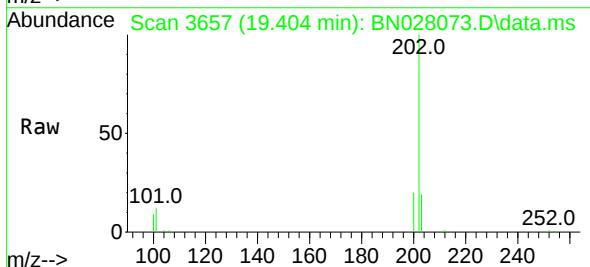
Tgt Ion:178 Resp: 165530
 Ion Ratio Lower Upper
 178 100
 179 19.5 12.8 19.2
 176 19.2 15.0 22.6

Manual Integrations
 APPROVED

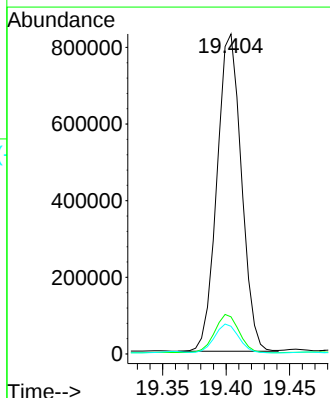
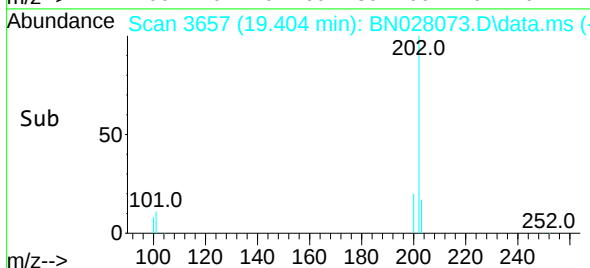
Reviewed By :Yogesh Patel 10/06/2023
 Supervised By :mohammad ahmed 10/07/2023

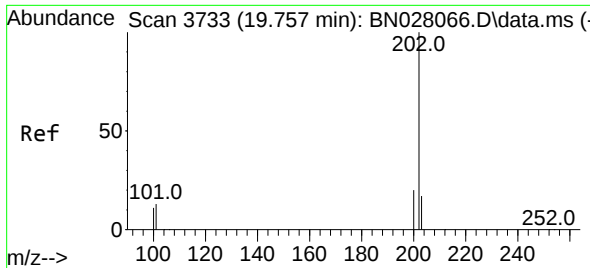


#19
 Fluoranthene
 Concen: 22.703 ng/ul
 RT: 19.404 min Scan# 3657
 Delta R.T. 0.014 min
 Lab File: BN028073.D
 Acq: 06 Oct 2023 06:43



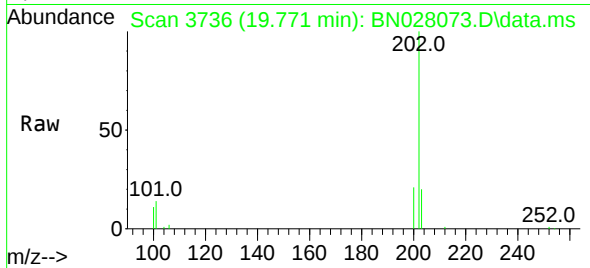
Tgt Ion:202 Resp: 1108049
 Ion Ratio Lower Upper
 202 100
 101 11.6 9.6 14.4
 100 8.7 7.4 11.0





#20
Pyrene
Concen: 23.512 ng/ul m
RT: 19.771 min Scan# 31
Delta R.T. 0.014 min
Lab File: BN028073.D
Acq: 06 Oct 2023 06:43

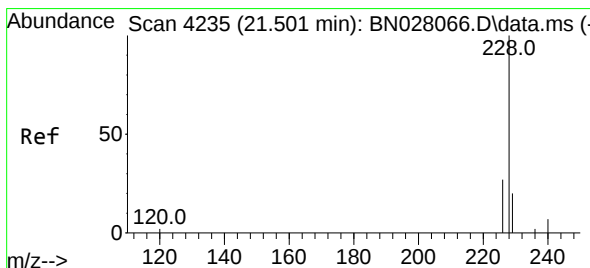
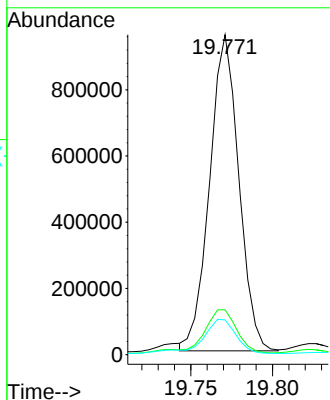
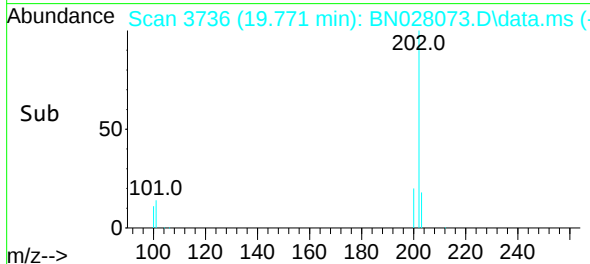
Instrument :
BNA_N
ClientSampleId :
EZYH0



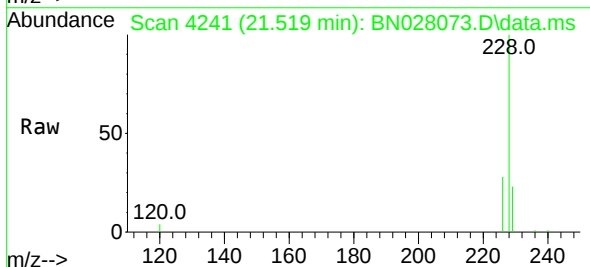
Tgt Ion:202 Resp: 118936
Ion Ratio Lower Upper
202 100
101 14.0 11.2 16.8
100 10.8 9.1 13.7

Manual Integrations
APPROVED

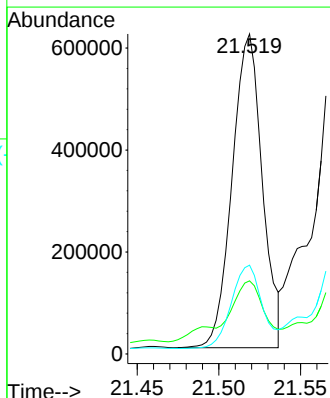
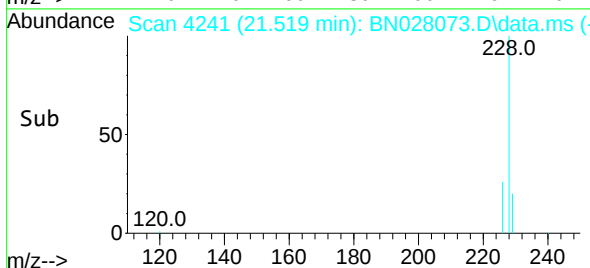
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023

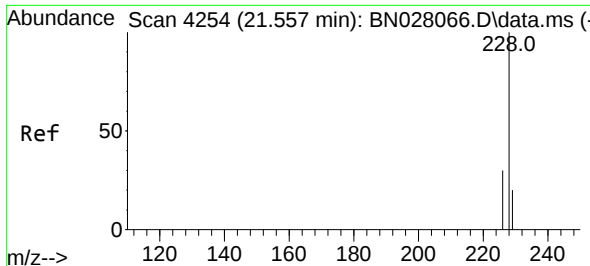


#21
Benzo(a)anthracene
Concen: 16.942 ng/ul
RT: 21.519 min Scan# 4241
Delta R.T. 0.018 min
Lab File: BN028073.D
Acq: 06 Oct 2023 06:43



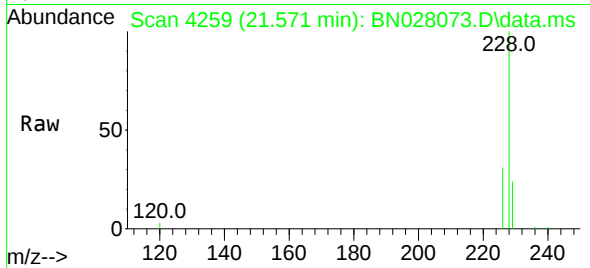
Tgt Ion:228 Resp: 790662
Ion Ratio Lower Upper
228 100
229 22.9 16.0 24.0
226 27.8 21.5 32.3





#22
Chrysene
Concen: 22.913 ng/u1
RT: 21.571 min Scan# 41
Delta R.T. 0.015 min
Lab File: BN028073.D
Acq: 06 Oct 2023 06:43

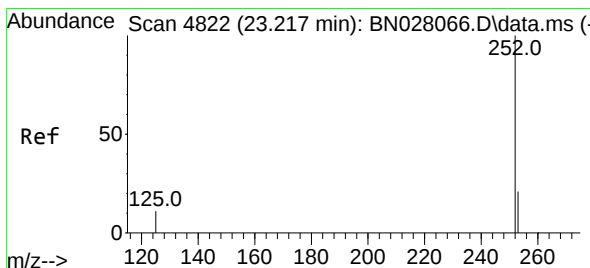
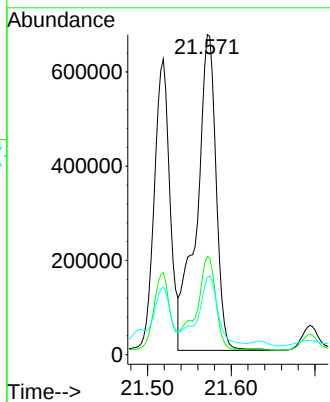
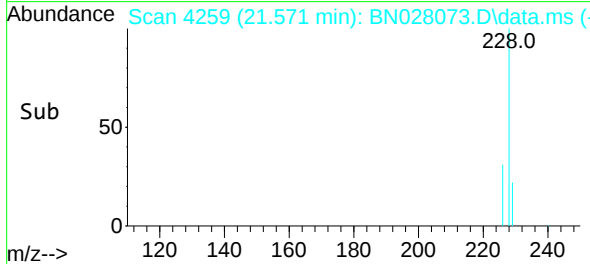
Instrument :
BNA_N
ClientSampleId :
EZYH0



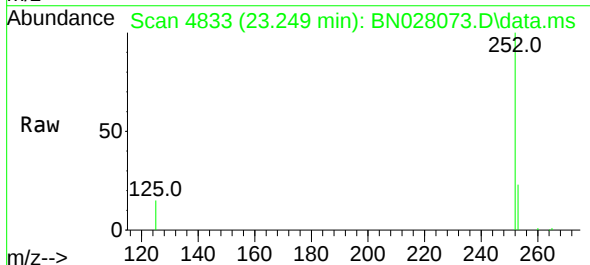
Tgt Ion:228 Resp: 1079979
Ion Ratio Lower Upper
228 100
226 30.8 23.8 35.8
229 24.1 16.0 24.0

Manual Integrations
APPROVED

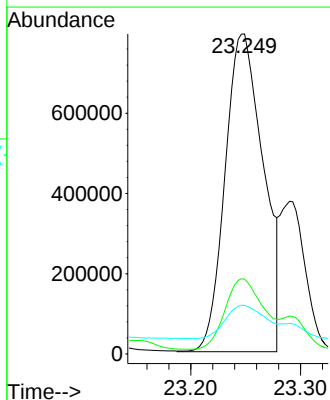
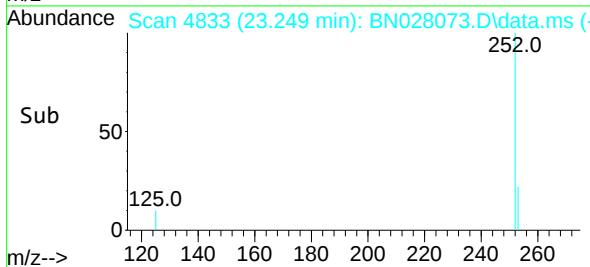
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023

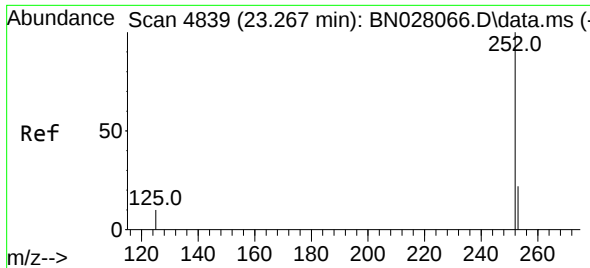


#24
Benzo(b)fluoranthene
Concen: 26.754 ng/u1 m
RT: 23.249 min Scan# 4833
Delta R.T. 0.032 min
Lab File: BN028073.D
Acq: 06 Oct 2023 06:43



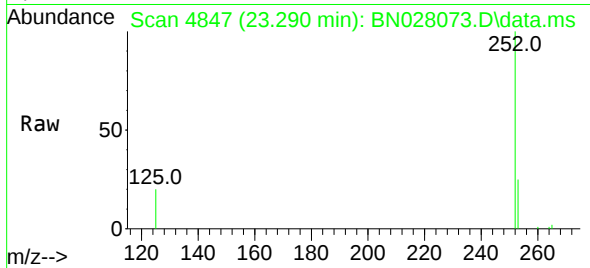
Tgt Ion:252 Resp: 1917718
Ion Ratio Lower Upper
252 100
253 23.4 0.0 54.0
125 15.1 0.0 31.4





#25
Benzo(k)fluoranthene
Concen: 8.377 ng/ul m
RT: 23.290 min Scan# 4839
Delta R.T. 0.023 min
Lab File: BN028073.D
Acq: 06 Oct 2023 06:43

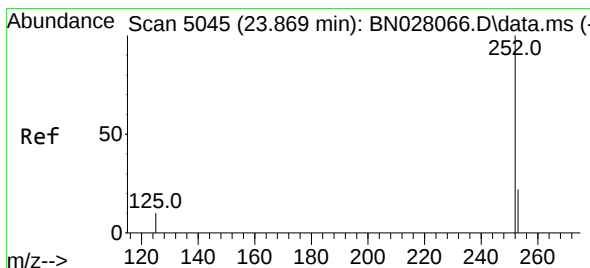
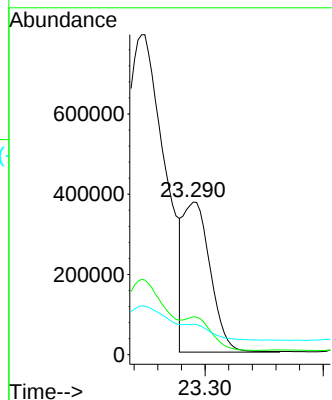
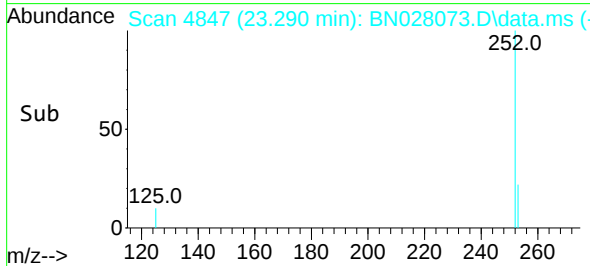
Instrument :
BNA_N
ClientSampleId :
EZYH0



Tgt Ion:252 Resp: 597489
Ion Ratio Lower Upper
252 100
253 24.8 21.8 32.8
125 20.0 12.8 19.2

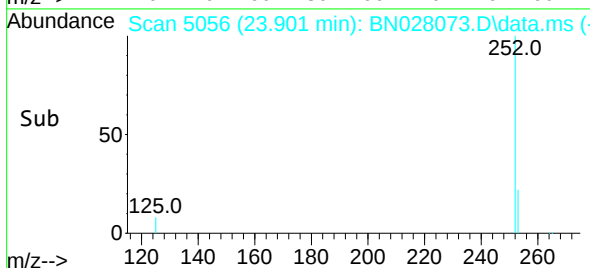
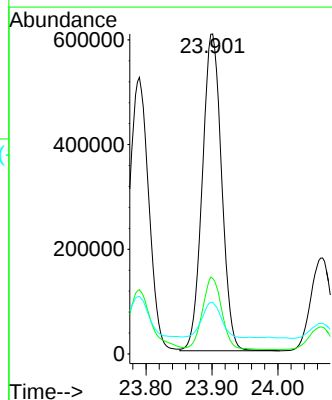
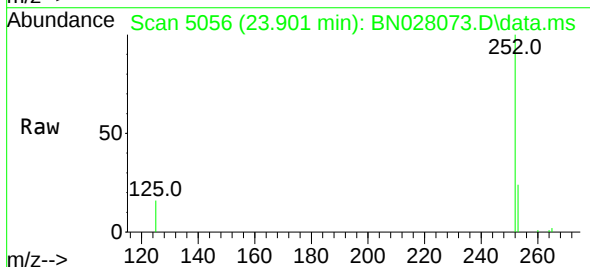
Manual Integrations
APPROVED

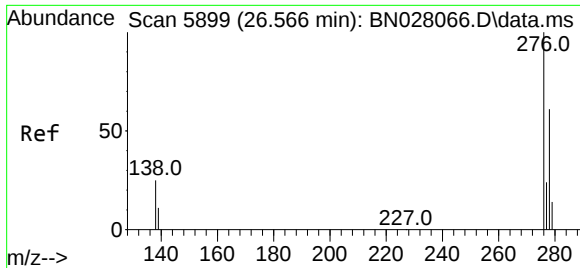
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023



#26
Benzo(a)pyrene
Concen: 20.118 ng/ul
RT: 23.901 min Scan# 5056
Delta R.T. 0.032 min
Lab File: BN028073.D
Acq: 06 Oct 2023 06:43

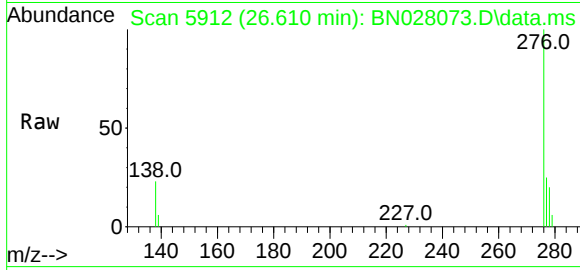
Tgt Ion:252 Resp: 1229557
Ion Ratio Lower Upper
252 100
253 23.6 23.4 35.2
125 16.1 15.3 22.9





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 14.321 ng/ul
 RT: 26.610 min Scan# 5912
 Delta R.T. 0.044 min
 Lab File: BN028073.D
 Acq: 06 Oct 2023 06:43

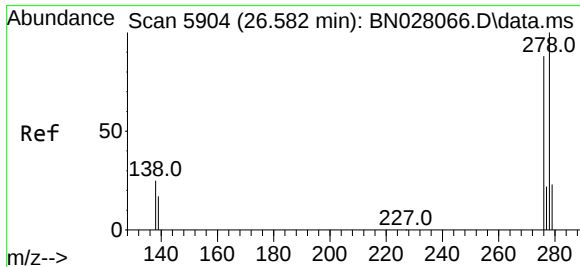
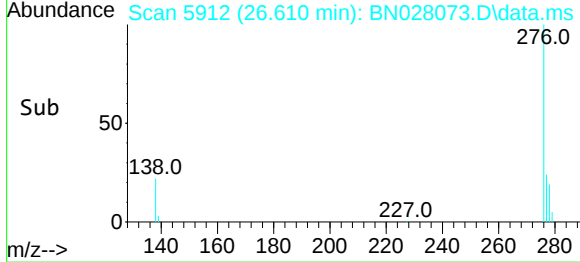
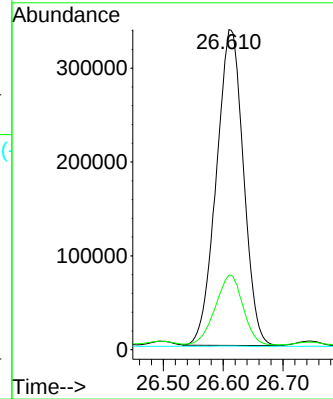
Instrument :
 BNA_N
 ClientSampleId :
 EZYH0



Tgt Ion: 276 Resp: 105908
 Ion Ratio Lower Upper
 276 100
 138 22.5 21.6 32.4
 227 0.1 0.2 0.2

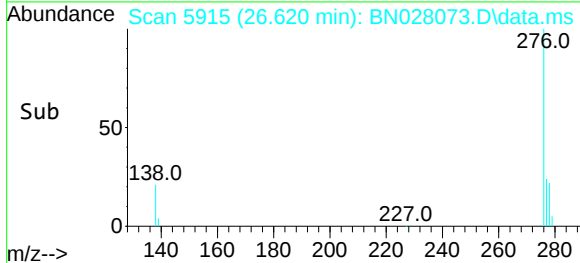
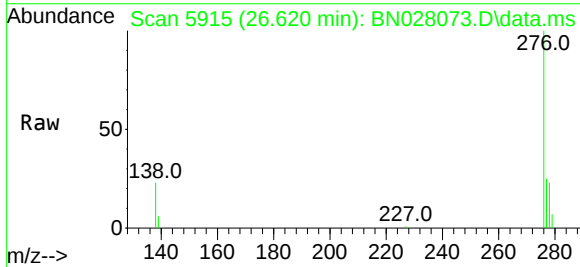
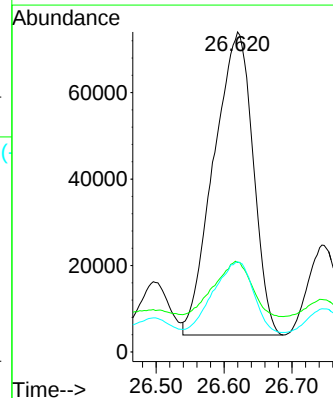
Manual Integrations
 APPROVED

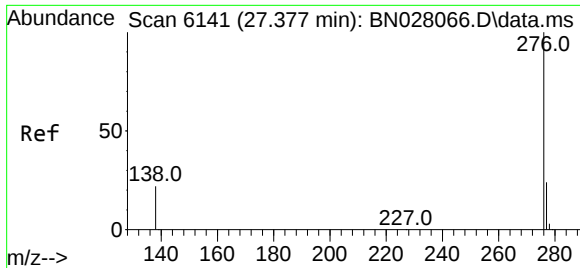
Reviewed By :Yogesh Patel 10/06/2023
 Supervised By :mohammad ahmed 10/07/2023



#28
 Dibenzo(a,h)anthracene
 Concen: 4.683 ng/ul
 RT: 26.620 min Scan# 5915
 Delta R.T. 0.037 min
 Lab File: BN028073.D
 Acq: 06 Oct 2023 06:43

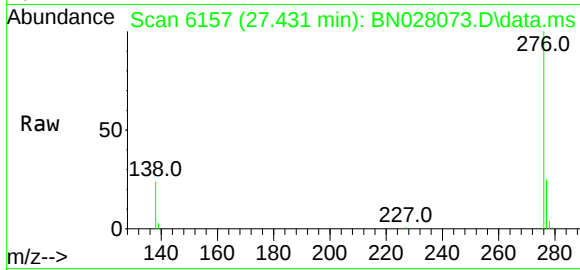
Tgt Ion: 278 Resp: 281702
 Ion Ratio Lower Upper
 278 100
 139 27.9 15.9 23.9
 279 28.2 22.8 34.2





#29
 Benzo(g,h,i)perylene
 Concen: 18.626 ng/ul
 RT: 27.431 min Scan# 6157
 Delta R.T. 0.054 min
 Lab File: BN028073.D
 Acq: 06 Oct 2023 06:43

Instrument :
 BNA_N
 ClientSampleId :
 EZYH0



Tgt Ion: 276 Resp: 112620

Ion	Ratio	Lower	Upper
276	100		
138	23.5	19.8	29.6
277	24.9	20.6	31.0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/06/2023
 Supervised By :mohammad ahmed 10/07/2023

