

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092823\
 Data File : BN027963.D
 Acq On : 29 Sep 2023 16:22
 Operator : MA/JU
 Sample : 04497-08
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BBJC3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/02/2023
 Supervised By :mohammad ahmed 10/03/2023

Quant Time: Sep 30 05:38:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 27 03:52:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.962	152	7256	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.784	136	25501	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.596	164	167031	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.363	188	32185	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.548	240	22730	0.400	ng/ul	0.01
23) Perylene-d12	24.030	264	21709	0.400	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	11194	1.225	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.368	152	11581	0.300	ng/ul	0.00
18) Fluoranthene-d10	19.390	212	20507	0.295	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.861	128	279483	3.835	ng/ul#	1
7) 2-Methylnaphthalene	12.445	142	558739	12.082	ng/ul	99
8) 1-Methylnaphthalene	12.665	142	2665385	55.873	ng/ul	99
10) Acenaphthylene	14.328	152	38627	0.053	ng/ul#	1
11) Acenaphthene	14.675	153	112824	0.179	ng/ul#	85
12) Fluorene	15.660	166	251710	0.339	ng/ul#	95
15) Phenanthrene	17.405	178	309192	3.057	ng/ul#	96
16) Anthracene	17.498	178	18529	0.219	ng/ul#	59
19) Fluoranthene	19.413	202	6846	0.074	ng/ul#	73
20) Pyrene	19.785	202	15501m	0.164	ng/ul	
21) Benzo(a)anthracene	21.530	228	3592	0.041	ng/ul#	40
22) Chrysene	21.586	228	4295m	0.047	ng/ul	
24) Benzo(b)fluoranthene	23.258	252	2212m	0.023	ng/ul	
26) Benzo(a)pyrene	23.915	252	2196	0.028	ng/ul#	1
29) Benzo(g,h,i)perylene	27.454	276	2878	0.034	ng/ul#	24

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

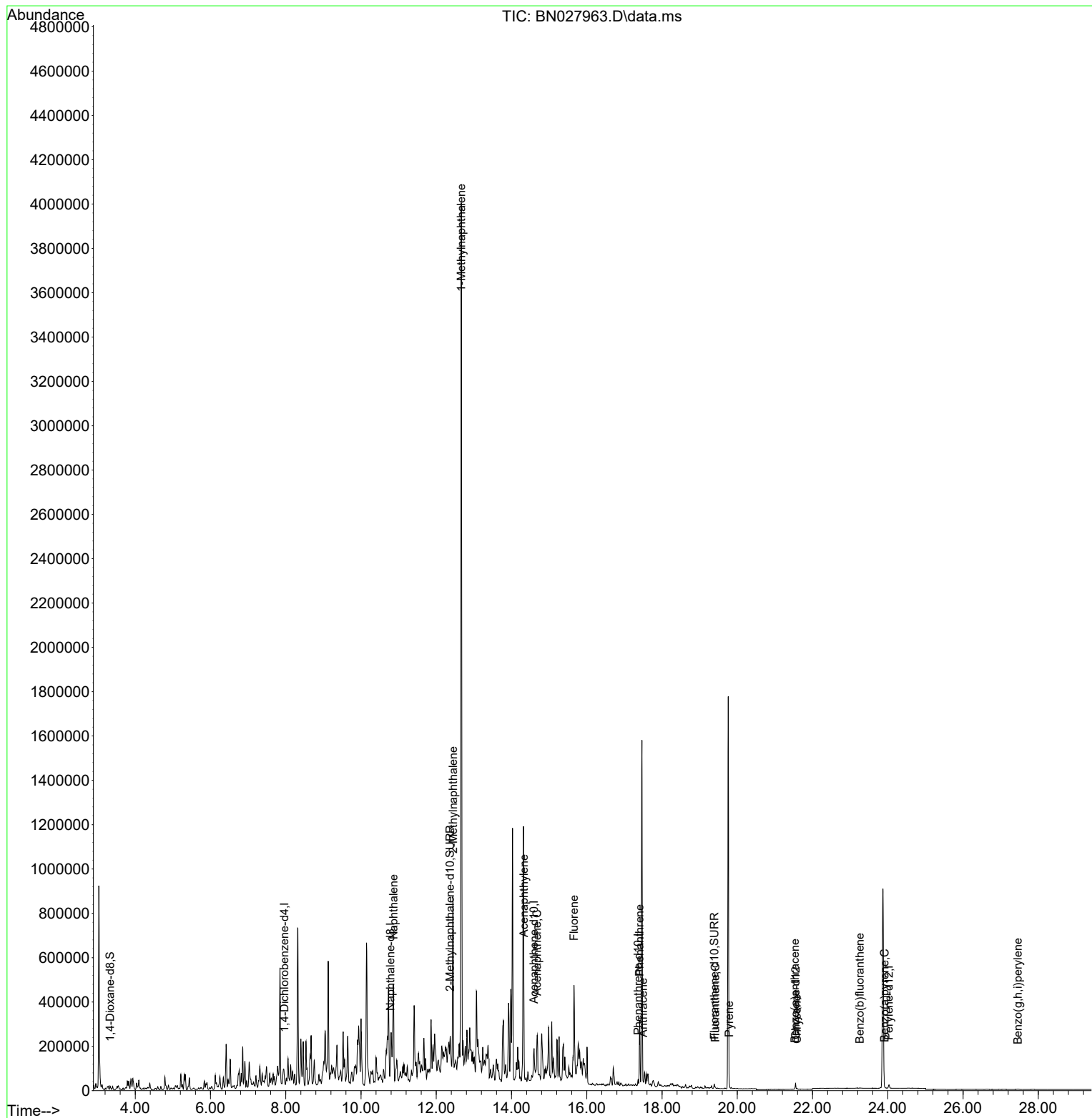
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092823\
Data File : BN027963.D
Acq On : 29 Sep 2023 16:22
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ALS Vial : 50 Sample Multiplier: 1

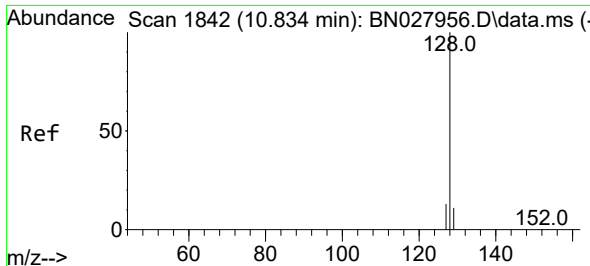
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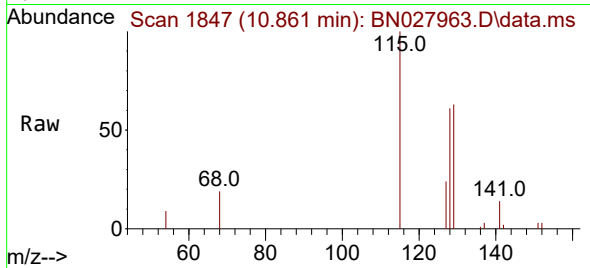
Quant Time: Sep 30 05:38:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 27 03:52:19 2023
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#5
Naphthalene
Concen: 3.835 ng/ul
RT: 10.861 min Scan# 1847
Delta R.T. 0.027 min
Lab File: BN027963.D
Acq: 29 Sep 2023 16:22

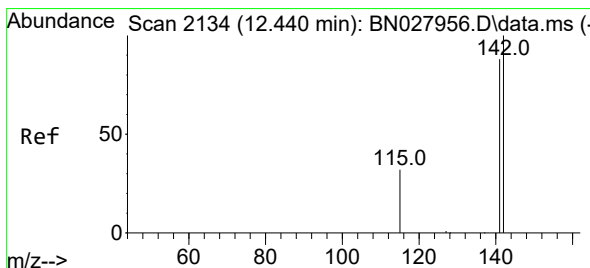
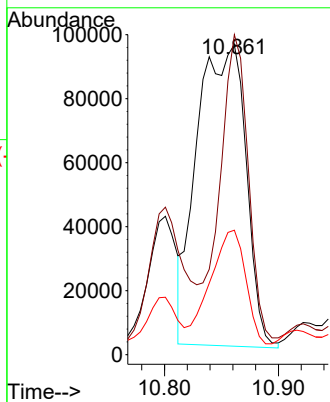
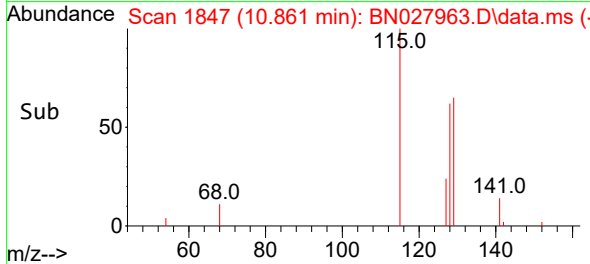
Instrument :
BNA_N
ClientSampleId :
BBJC3



Tgt Ion:128 Resp: 27948
Ion Ratio Lower Upper
128 100
129 103.2 9.3 13.9
127 40.1 10.7 16.1

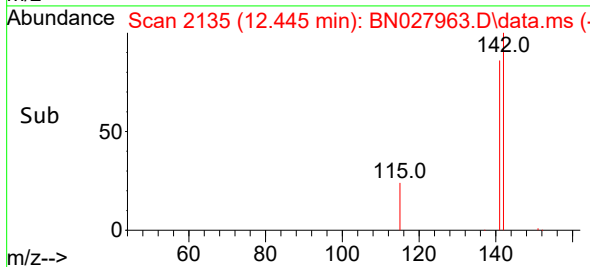
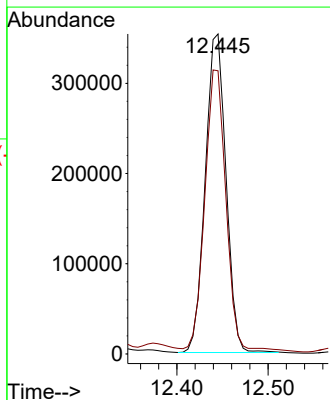
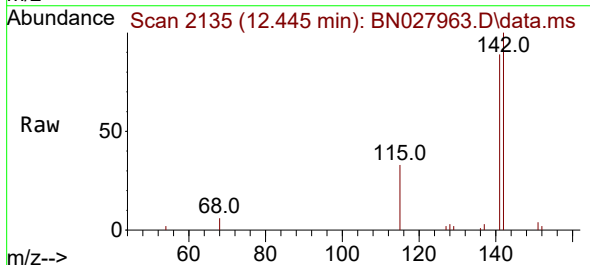
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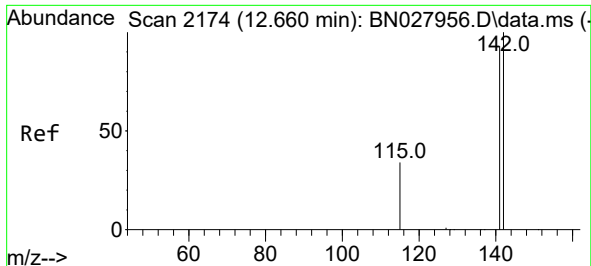
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#7
2-Methylnaphthalene
Concen: 12.082 ng/ul
RT: 12.445 min Scan# 2135
Delta R.T. 0.011 min
Lab File: BN027963.D
Acq: 29 Sep 2023 16:22

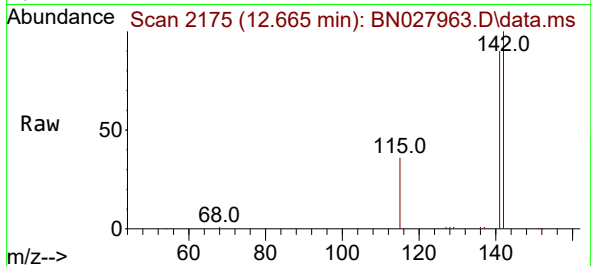
Tgt Ion:142 Resp: 558739
Ion Ratio Lower Upper
142 100
141 88.1 71.1 106.7





#8
1-Methylnaphthalene
Concen: 55.873 ng/ul
RT: 12.665 min Scan# 2174
Delta R.T. 0.011 min
Lab File: BN027963.D
Acq: 29 Sep 2023 16:22

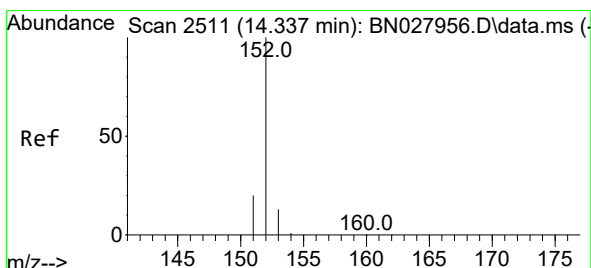
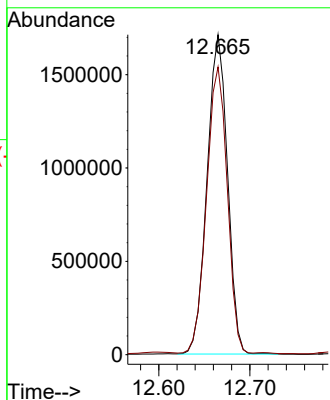
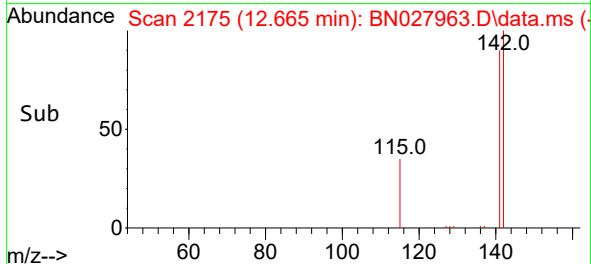
Instrument :
BNA_N
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Tgt Ion:142 Resp: 266538
Ion Ratio Lower Upper
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141 90.5 72.8 109.2

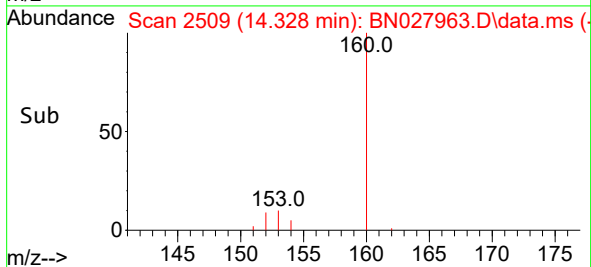
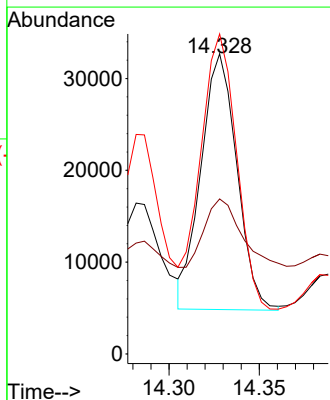
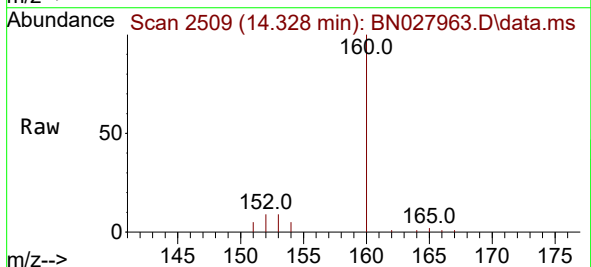
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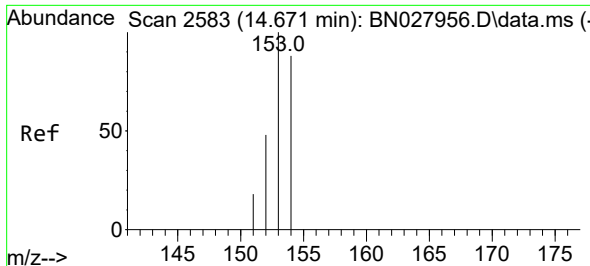
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#10
Acenaphthylene
Concen: 0.053 ng/ul
RT: 14.328 min Scan# 2509
Delta R.T. -0.005 min
Lab File: BN027963.D
Acq: 29 Sep 2023 16:22

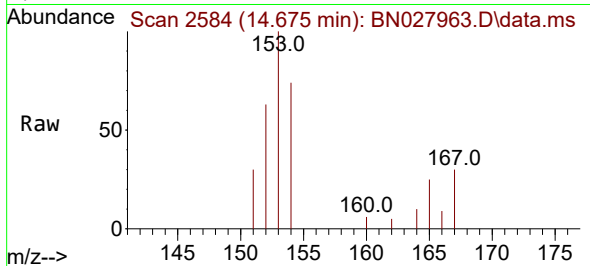
Tgt Ion:152 Resp: 38627
Ion Ratio Lower Upper
152 100
151 51.7 16.6 25.0#
153 106.6 11.0 16.6#





#11
Acenaphthene
Concen: 0.179 ng/ul
RT: 14.675 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN027963.D
Acq: 29 Sep 2023 16:22

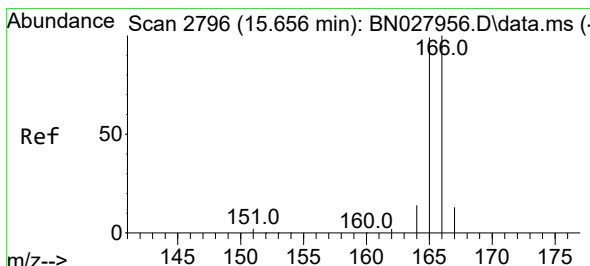
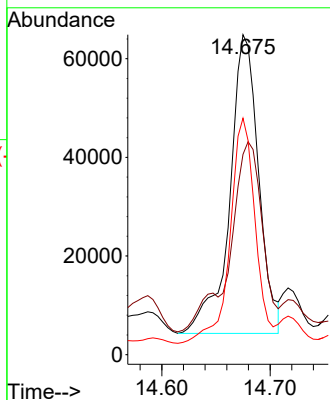
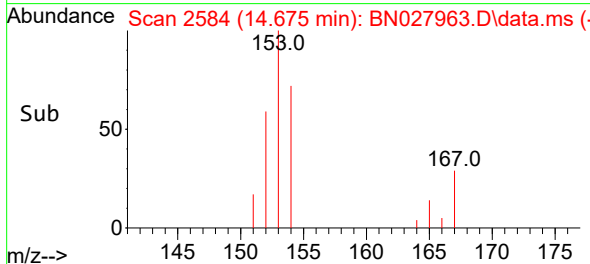
Instrument :
BNA_N
ClientSampleId :
BBJC3



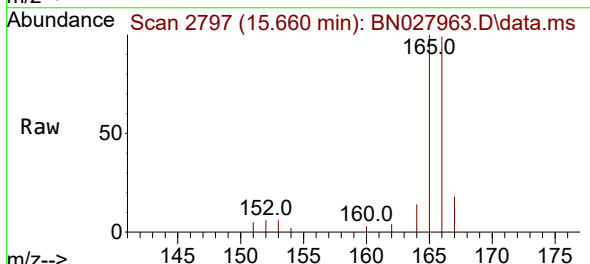
Tgt Ion:153 Resp: 112824
Ion Ratio Lower Upper
153 100
152 62.6 41.7 62.5
154 73.9 70.3 105.5

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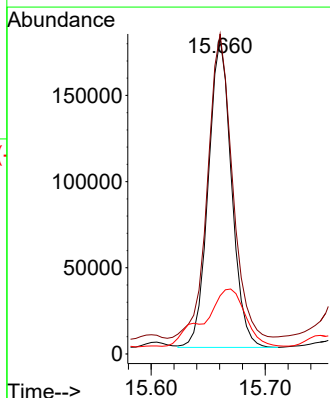
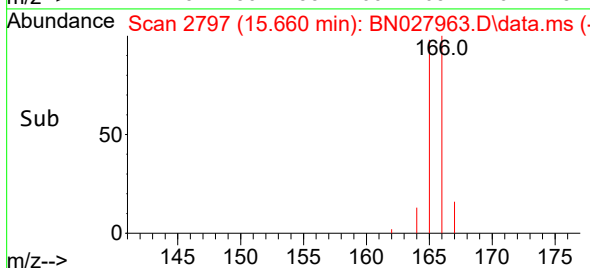
Reviewed By :Yogesh Patel 10/02/2023
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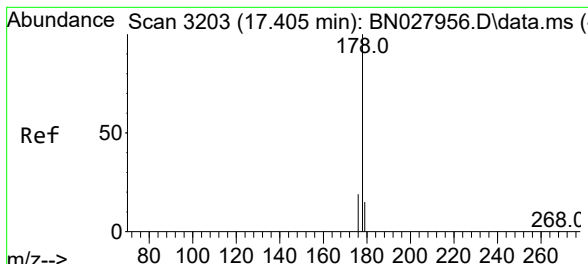


#12
Fluorene
Concen: 0.339 ng/ul
RT: 15.660 min Scan# 2797
Delta R.T. 0.009 min
Lab File: BN027963.D
Acq: 29 Sep 2023 16:22



Tgt Ion:166 Resp: 251710
Ion Ratio Lower Upper
166 100
165 101.3 78.0 117.0
167 18.4 11.4 17.2#





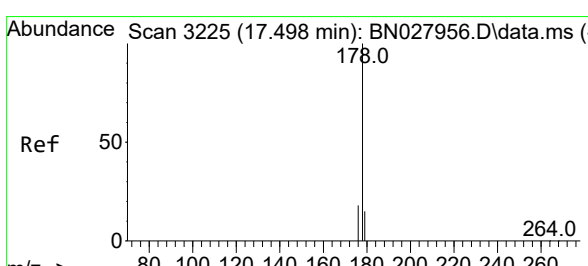
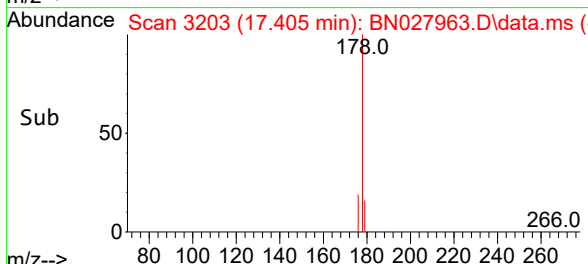
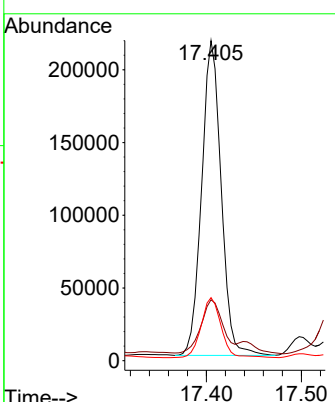
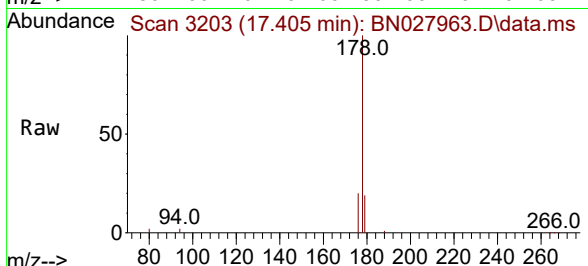
#15
 Phenanthrene
 Concen: 3.057 ng/ul
 RT: 17.405 min Scan# 3203
 Delta R.T. 0.008 min
 Lab File: BN027963.D
 Acq: 29 Sep 2023 16:22

Instrument : BNA_N
 ClientSampleId : BBJC3

Tgt Ion:178 Resp: 309192

Ion	Ratio	Lower	Upper
178	100		
179	19.1	12.4	18.6
176	19.7	16.0	24.0

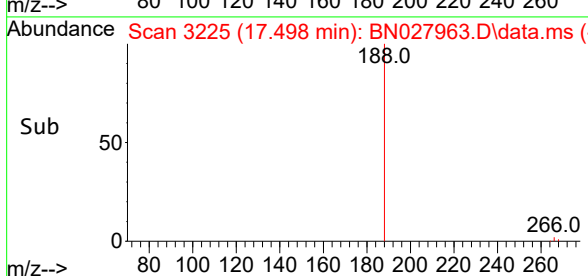
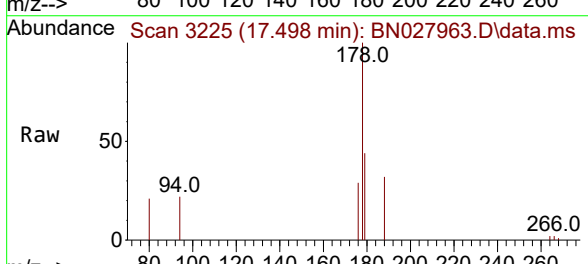
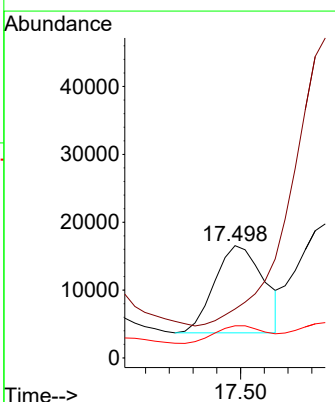
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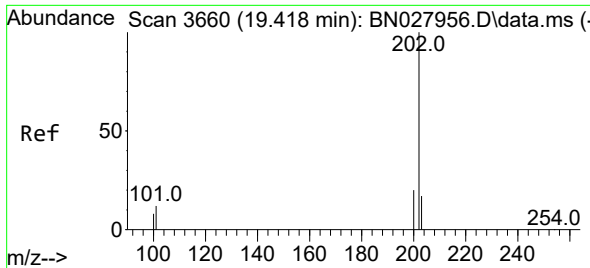


#16
 Anthracene
 Concen: 0.219 ng/ul
 RT: 17.498 min Scan# 3225
 Delta R.T. 0.008 min
 Lab File: BN027963.D
 Acq: 29 Sep 2023 16:22

Tgt Ion:178 Resp: 18529

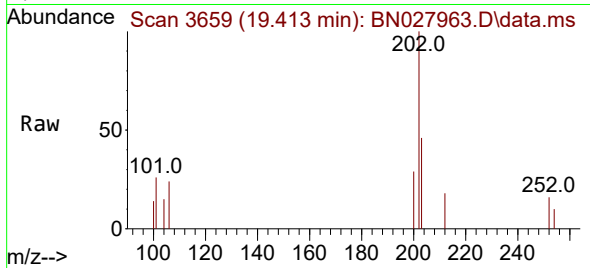
Ion	Ratio	Lower	Upper
178	100		
179	43.6	12.6	19.0#
176	28.7	15.5	23.3#





#19
Fluoranthene
Concen: 0.074 ng/ul
RT: 19.413 min Scan# 3659
Delta R.T. 0.005 min
Lab File: BN027963.D
Acq: 29 Sep 2023 16:22

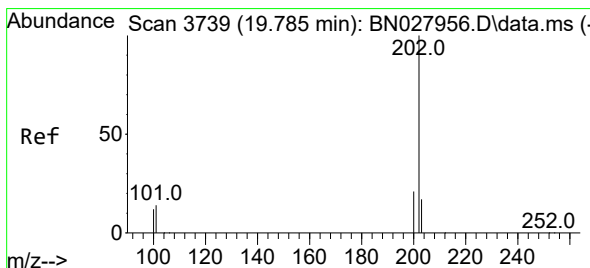
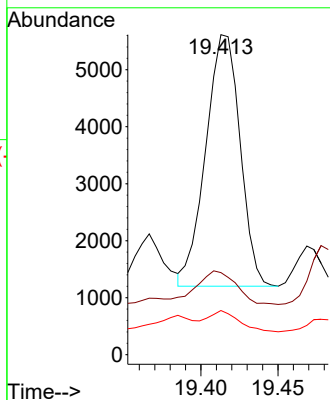
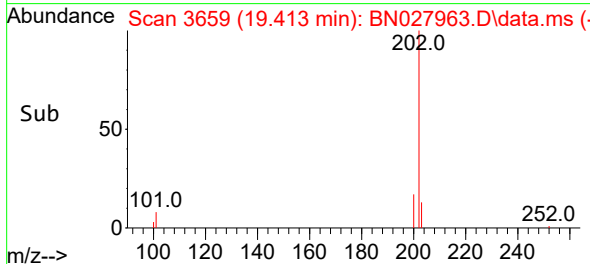
Instrument :
BNA_N
ClientSampleId :
BBJC3



Tgt Ion:202 Resp: 6840
Ion Ratio Lower Upper
202 100
101 25.7 9.3 13.9
100 13.8 7.0 10.4

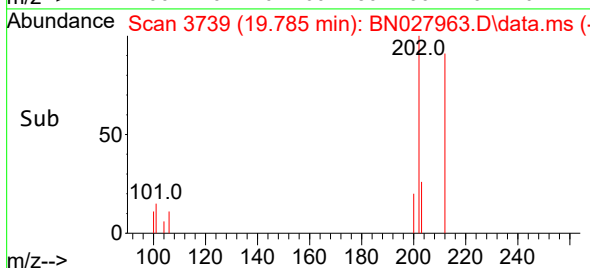
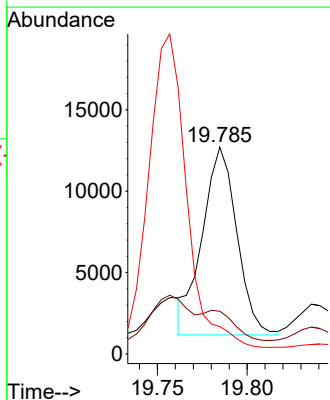
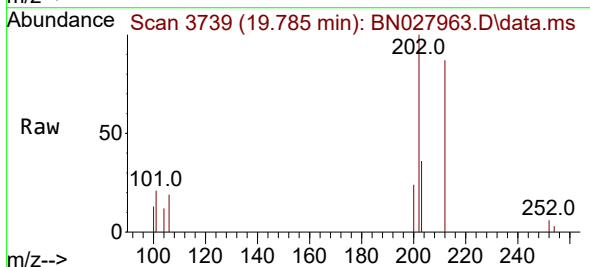
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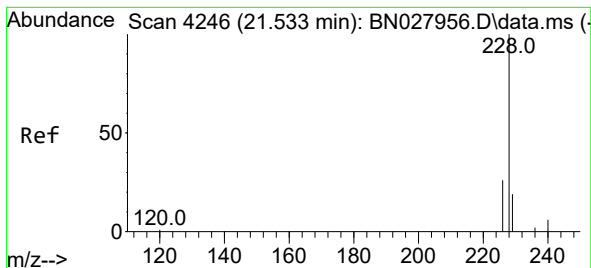
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#20
Pyrene
Concen: 0.164 ng/ul m
RT: 19.785 min Scan# 3739
Delta R.T. 0.009 min
Lab File: BN027963.D
Acq: 29 Sep 2023 16:22

Tgt Ion:202 Resp: 15501
Ion Ratio Lower Upper
202 100
101 20.6 11.4 17.0
100 13.2 9.1 13.7





#21

Benzo(a)anthracene

Concen: 0.041 ng/ul

RT: 21.530 min Scan# 4245

Delta R.T. 0.012 min

Lab File: BN027963.D

Acq: 29 Sep 2023 16:22

Instrument :

BNA_N

ClientSampleId :

BBJC3

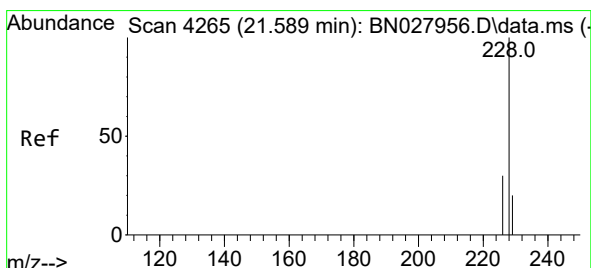
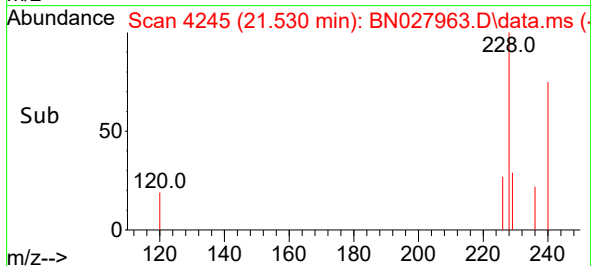
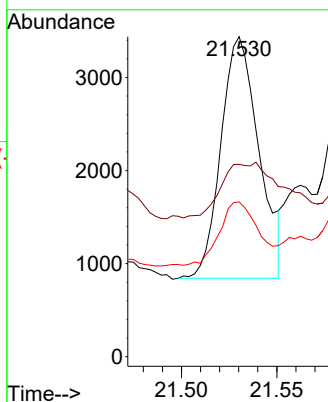
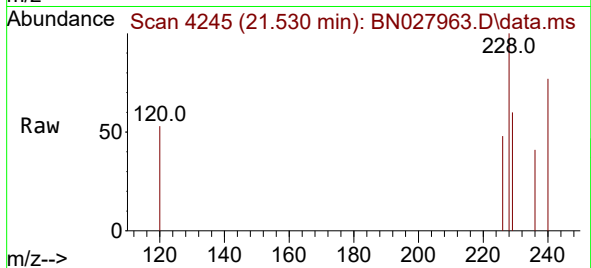
Tgt Ion:	228	Resp:	3592
Ion Ratio	Lower	Upper	
228	100		
229	60.1	15.8	23.8
226	48.3	22.0	33.0

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Supervised By :mohammad ahmed 10/03/2023



#22

Chrysene

Concen: 0.047 ng/ul m

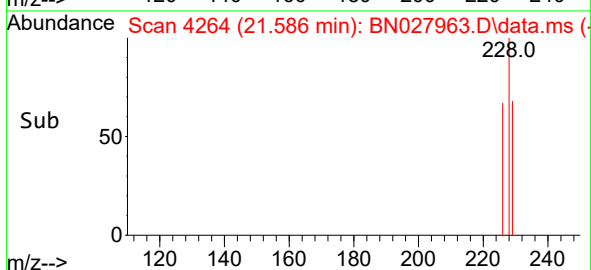
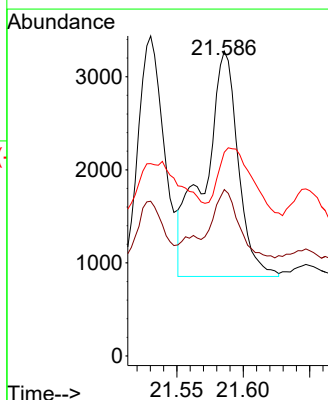
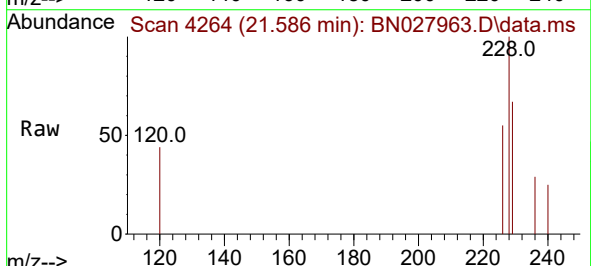
RT: 21.586 min Scan# 4264

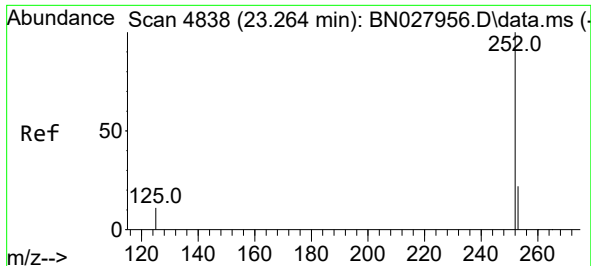
Delta R.T. 0.012 min

Lab File: BN027963.D

Acq: 29 Sep 2023 16:22

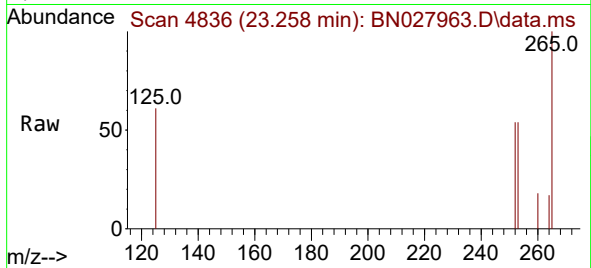
Tgt Ion:	228	Resp:	4295
Ion Ratio	Lower	Upper	
228	100		
226	54.6	24.5	36.7
229	66.8	16.0	24.0





#24
Benzo(b)fluoranthene
Concen: 0.023 ng/ul m
RT: 23.258 min Scan# 4838
Delta R.T. 0.018 min
Lab File: BN027963.D
Acq: 29 Sep 2023 16:22

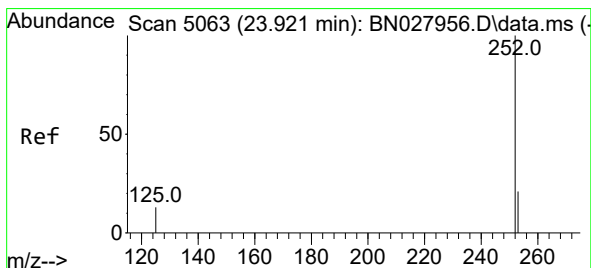
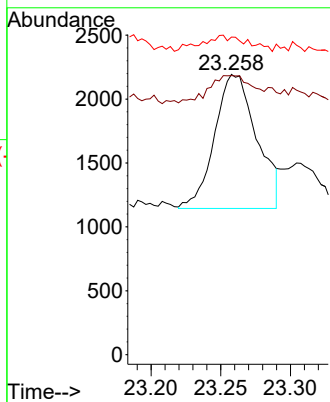
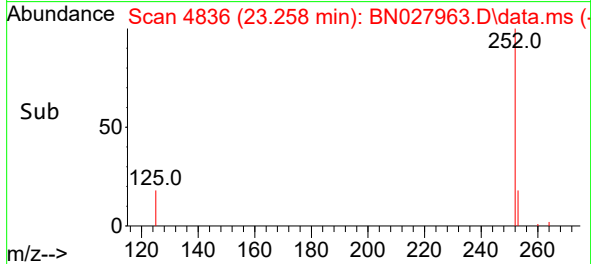
Instrument :
BNA_N
ClientSampleId :
BBJC3



Tgt Ion:252 Resp: 221
Ion Ratio Lower Upper
252 100
253 99.5 0.0 50.2
125 113.3 0.0 31.4

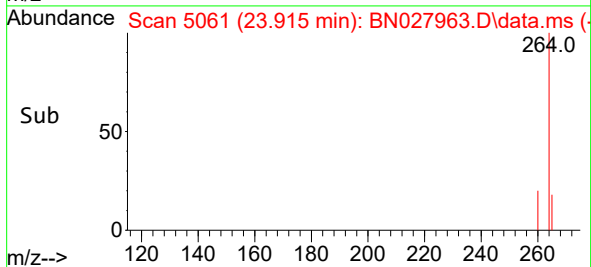
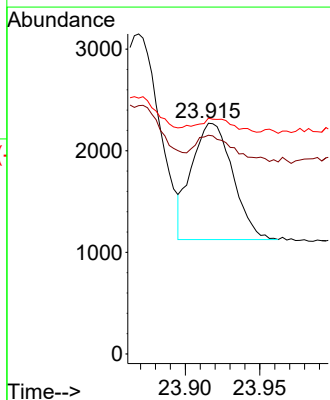
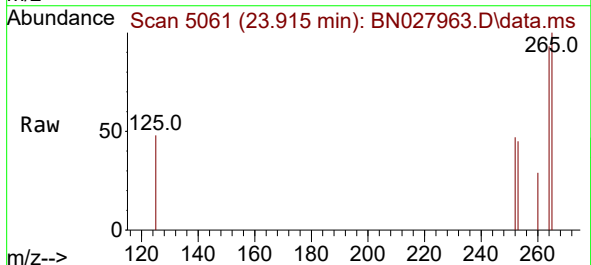
Manual Integrations
APPROVED

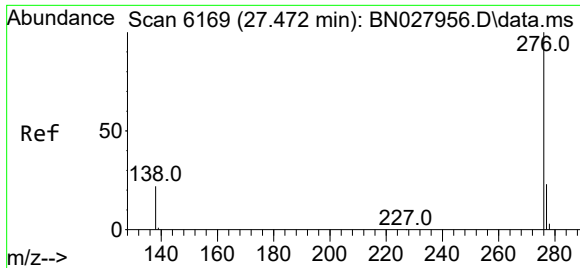
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#26
Benzo(a)pyrene
Concen: 0.028 ng/ul
RT: 23.915 min Scan# 5061
Delta R.T. 0.020 min
Lab File: BN027963.D
Acq: 29 Sep 2023 16:22

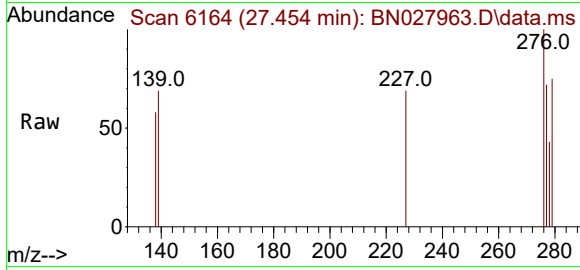
Tgt Ion:252 Resp: 2196
Ion Ratio Lower Upper
252 100
253 94.8 21.9 32.9#
125 102.2 15.5 23.3#





#29
Benzo(g,h,i)perylene
Concen: 0.034 ng/ul
RT: 27.454 min Scan# 6164
Delta R.T. 0.044 min
Lab File: BN027963.D
Acq: 29 Sep 2023 16:22

Instrument :
BNA_N
ClientSampleId :
BBJC3



Tgt Ion:276 Resp: 2878
Ion Ratio Lower Upper
276 100
138 58.3 21.7 32.5
277 71.6 20.2 30.2

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 10/03/2023

