

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
 Data File : BN028063.D
 Acq On : 05 Oct 2023 23:59
 Operator : MA/JU
 Sample : 04527-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYK6

Manual Integrations
 APPROVED

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

Quant Time: Oct 06 04:26:41 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 : Tue Oct 03 15:50:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	5023	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.757	136	15400	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.582	164	8536	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.333	188	16951	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.521	240	14143	0.400	ng/ul	#-0.01
23) Perylene-d12	23.989	264	14780	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	21116	3.347	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.335	152	4616	0.186	ng/ul	-0.02
18) Fluoranthene-d10	19.362	212	9221	0.206	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.806	128	19572	0.448	ng/ul	100
7) 2-Methylnaphthalene	12.412	142	29606	1.073	ng/ul	100
8) 1-Methylnaphthalene	12.627	142	9875	0.346	ng/ul	99
10) Acenaphthylene	14.310	152	2182	0.056	ng/ul#	42
11) Acenaphthene	14.643	153	3354	0.109	ng/ul#	87
12) Fluorene	15.633	166	2750	0.080	ng/ul#	50
15) Phenanthrene	17.375	178	71780	1.421	ng/ul#	95
16) Anthracene	17.468	178	14260	0.315	ng/ul#	76
19) Fluoranthene	19.394	202	165425	3.063	ng/ul	99
20) Pyrene	19.761	202	180853	3.231	ng/ul	100
21) Benzo(a)anthracene	21.504	228	58836m	1.139	ng/ul	
22) Chrysene	21.559	228	259834m	4.982	ng/ul	
24) Benzo(b)fluoranthene	23.225	252	266545m	4.864	ng/ul	
25) Benzo(k)fluoranthene	23.272	252	68550m	1.257	ng/ul	
26) Benzo(a)pyrene	23.877	252	78225	1.674	ng/ul#	43
27) Indeno(1,2,3-cd)pyrene	26.573	276	113402	2.006	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.589	278	25666	0.558	ng/ul#	1
29) Benzo(g,h,i)perylene	27.388	276	123966	2.682	ng/ul#	91

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

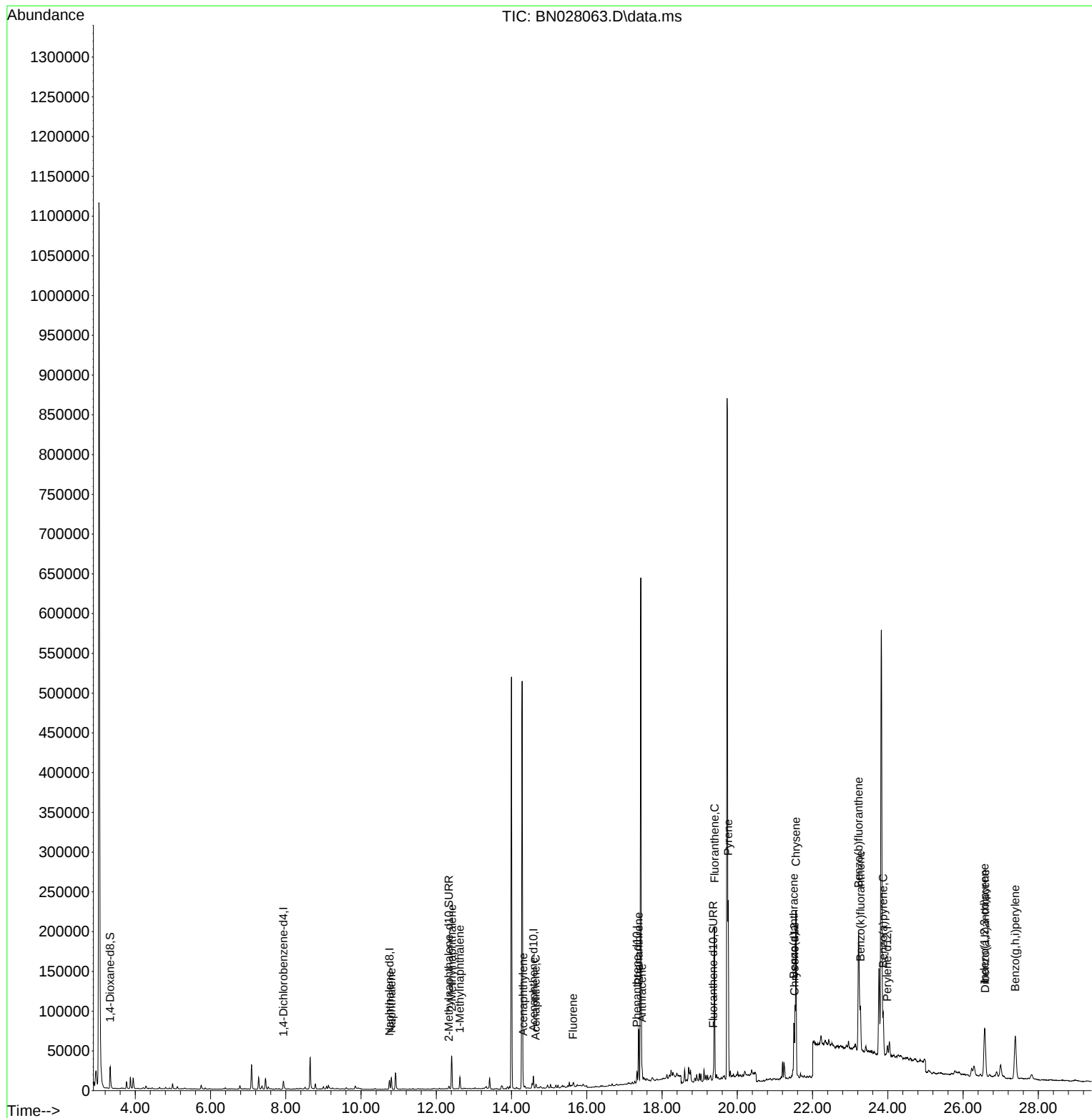
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
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ALS Vial : 15 Sample Multiplier: 1

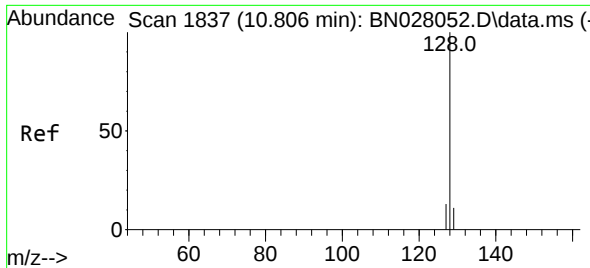
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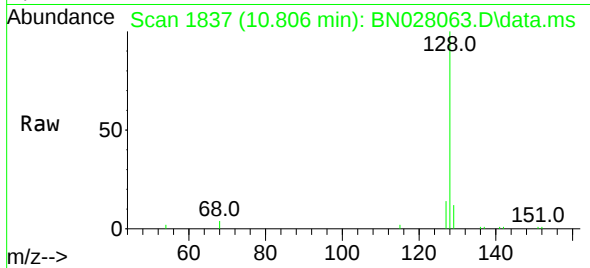
Quant Time: Oct 06 04:26:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 03 15:50:04 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.448 ng/ul
RT: 10.806 min Scan# 1837
Delta R.T. -0.011 min
Lab File: BN028063.D
Acq: 05 Oct 2023 23:59

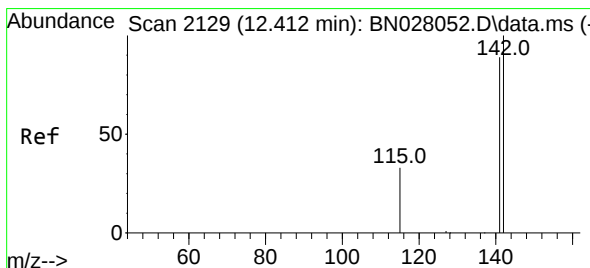
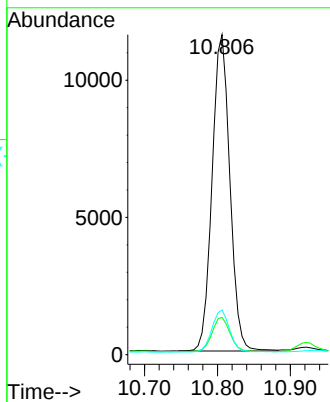
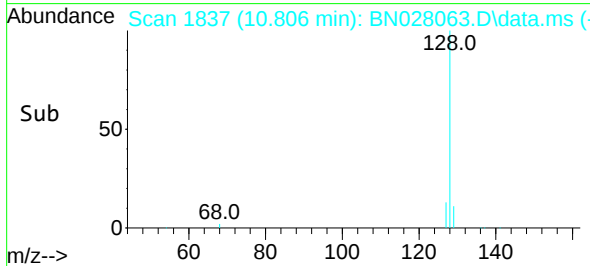
Instrument :
BNA_N
ClientSampleId :
EZYK6



Tgt Ion:128 Resp: 19572
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.0
127 14.0 11.0 16.4

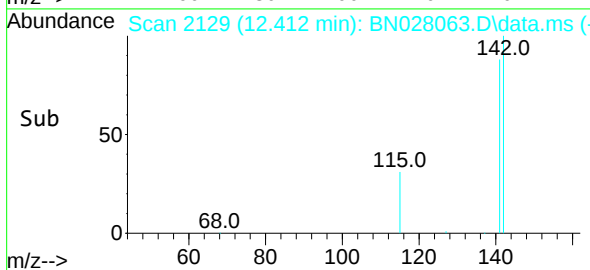
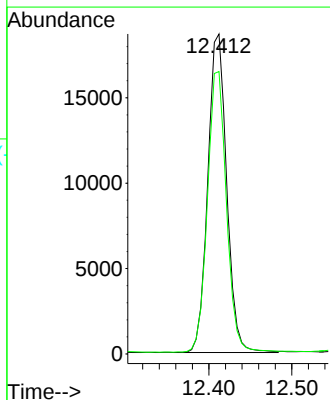
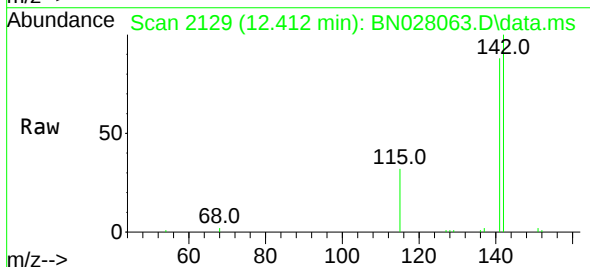
Manual Integrations
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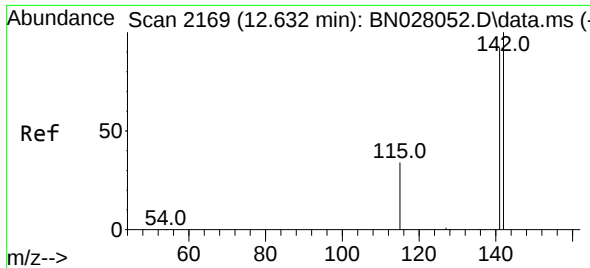
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023



#7
2-Methylnaphthalene
Concen: 1.073 ng/ul
RT: 12.412 min Scan# 2129
Delta R.T. -0.011 min
Lab File: BN028063.D
Acq: 05 Oct 2023 23:59

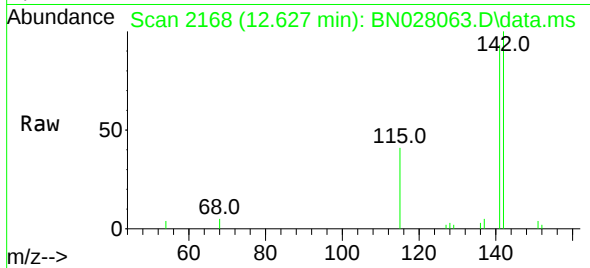
Tgt Ion:142 Resp: 29606
Ion Ratio Lower Upper
142 100
141 88.8 70.9 106.3





#8
1-Methylnaphthalene
Concen: 0.346 ng/ul
RT: 12.627 min Scan# 2168
Delta R.T. -0.017 min
Lab File: BN028063.D
Acq: 05 Oct 2023 23:59

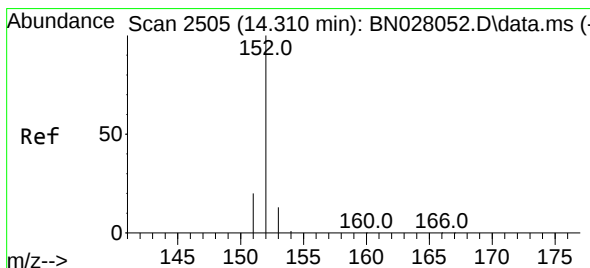
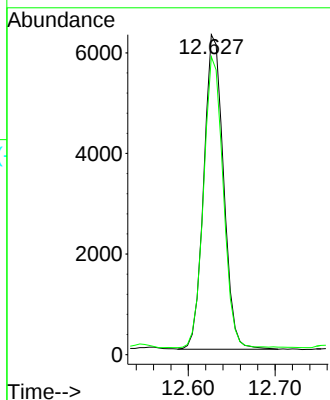
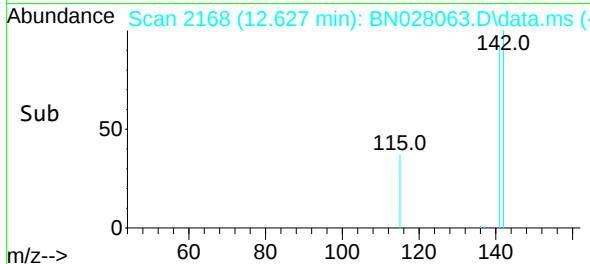
Instrument :
BNA_N
ClientSampleId :
EZYK6



Tgt Ion:142 Resp: 987
Ion Ratio Lower Upper
142 100
141 91.7 74.4 111.6

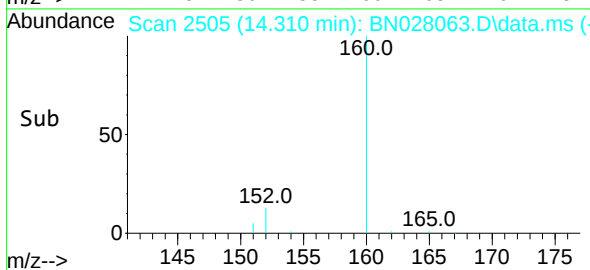
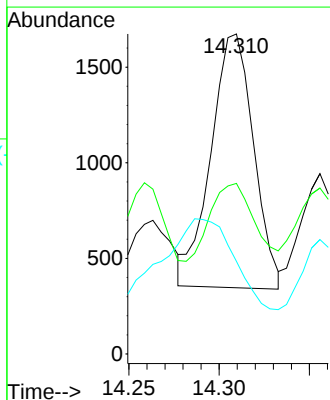
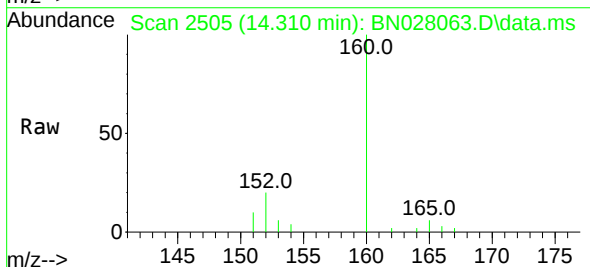
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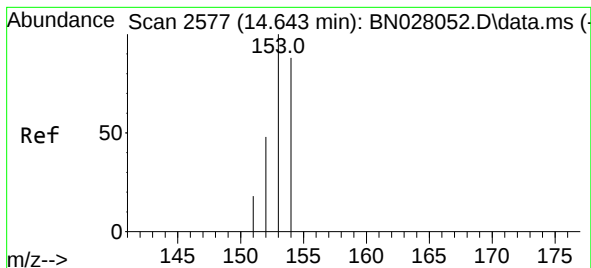
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023



#10
Acenaphthylene
Concen: 0.056 ng/ul
RT: 14.310 min Scan# 2505
Delta R.T. -0.010 min
Lab File: BN028063.D
Acq: 05 Oct 2023 23:59

Tgt Ion:152 Resp: 2182
Ion Ratio Lower Upper
152 100
151 53.3 16.4 24.6#
153 29.0 10.9 16.3#





#11

Acenaphthene

Concen: 0.109 ng/u1

RT: 14.643 min Scan# 21

Delta R.T. -0.014 min

Lab File: BN028063.D

Acq: 05 Oct 2023 23:59

Instrument :

BNA_N

ClientSampleId :

EZYK6

Tgt Ion:153 Resp: 3354

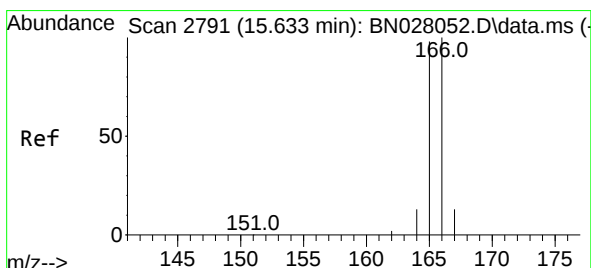
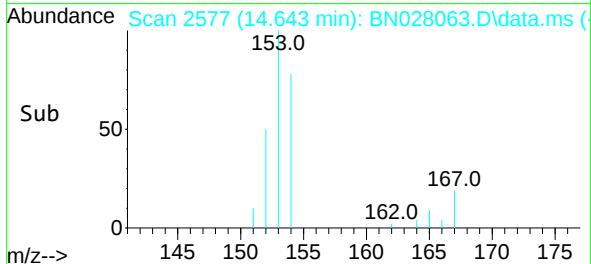
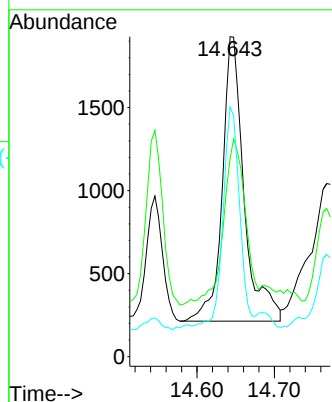
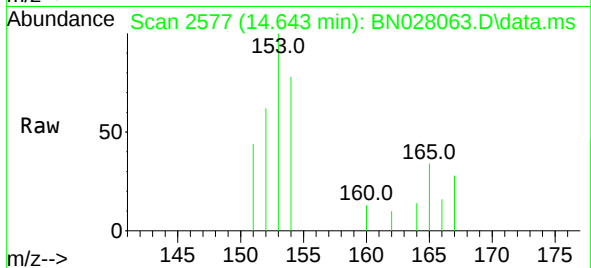
Ion	Ratio	Lower	Upper
153	100		
152	62.0	39.4	59.0#
154	78.0	70.2	105.4#

Manual Integrations

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#12

Fluorene

Concen: 0.080 ng/u1

RT: 15.633 min Scan# 2791

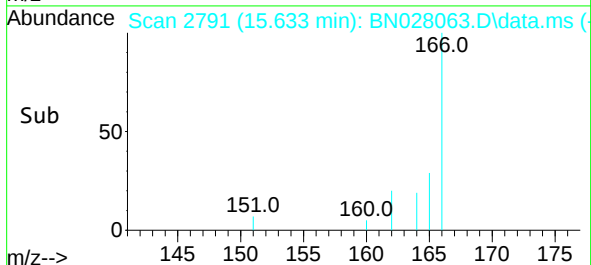
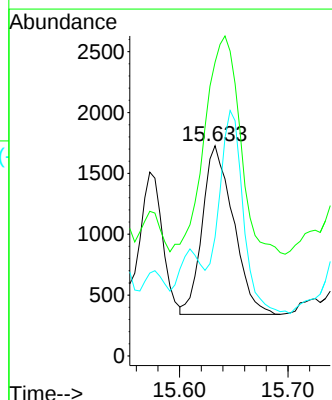
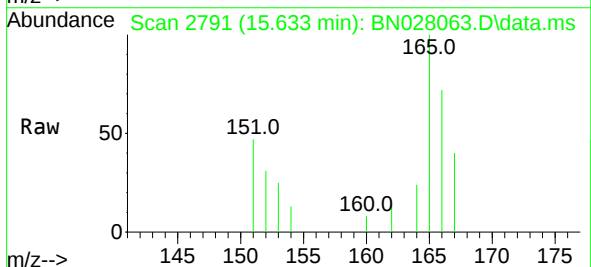
Delta R.T. -0.010 min

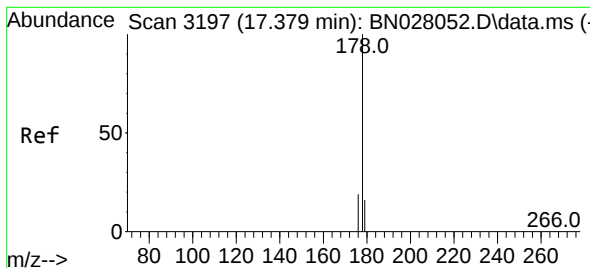
Lab File: BN028063.D

Acq: 05 Oct 2023 23:59

Tgt Ion:166 Resp: 2750

Ion	Ratio	Lower	Upper
166	100		
165	139.8	78.5	117.7#
167	56.5	11.2	16.8#





#15

Phenanthrene

Concen: 1.421 ng/ul

RT: 17.375 min Scan# 3197

Delta R.T. -0.013 min

Lab File: BN028063.D

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Instrument :

BNA_N

ClientSampleId :

EZYK6

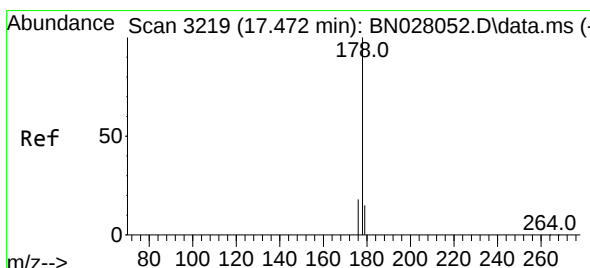
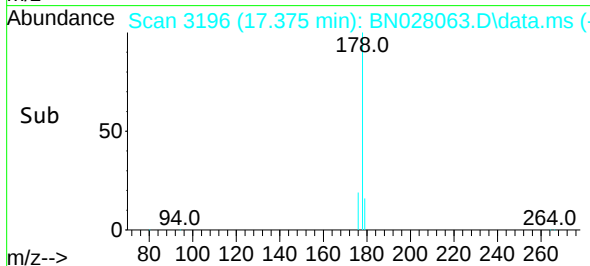
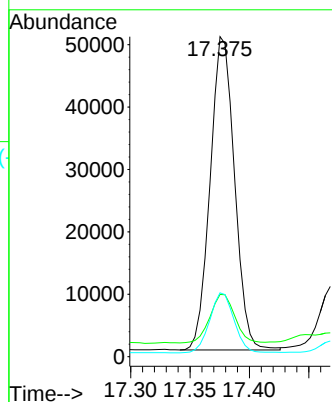
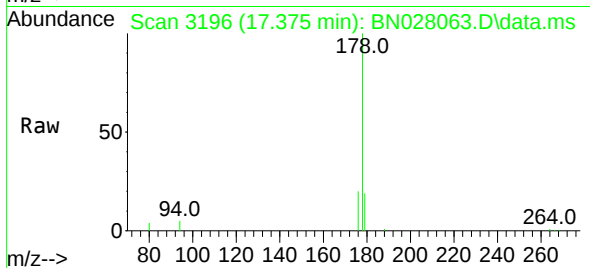
Tgt Ion:	178	Resp:	71780
Ion Ratio	Lower	Upper	
178	100		
179	19.5	12.6	19.0
176	20.0	15.5	23.3

Manual Integrations

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Supervised By :mohammad ahmed 10/07/2023



#16

Anthracene

Concen: 0.315 ng/ul

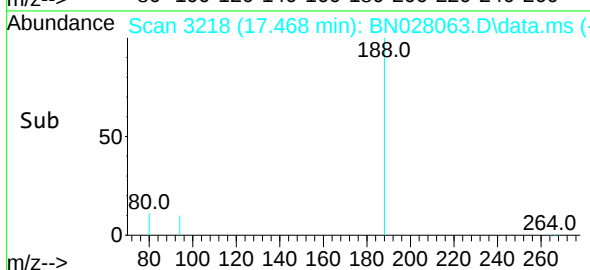
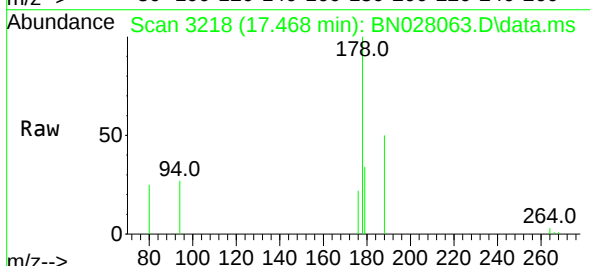
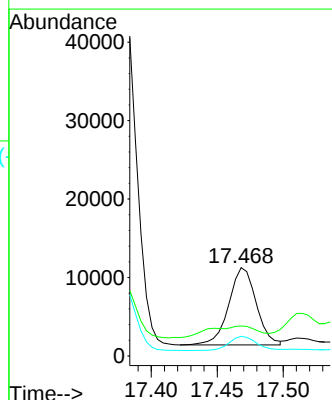
RT: 17.468 min Scan# 3218

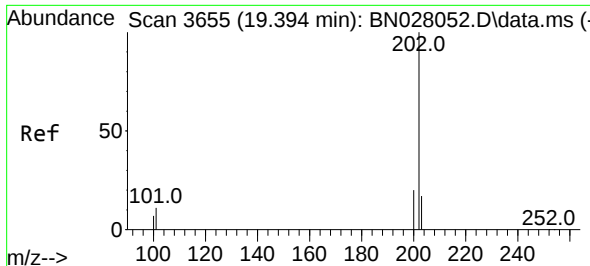
Delta R.T. -0.013 min

Lab File: BN028063.D

Acq: 05 Oct 2023 23:59

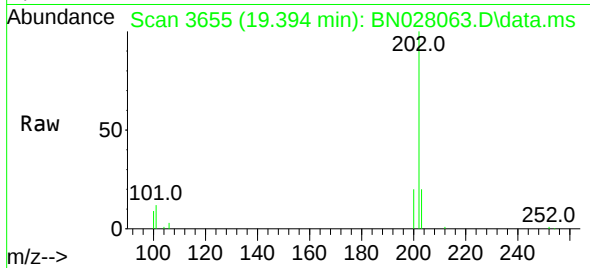
Tgt Ion:	178	Resp:	14260
Ion Ratio	Lower	Upper	
178	100		
179	33.9	12.8	19.2
176	22.3	15.0	22.6





#19
Fluoranthene
Concen: 3.063 ng/u1
RT: 19.394 min Scan# 3655
Delta R.T. -0.009 min
Lab File: BN028063.D
Acq: 05 Oct 2023 23:59

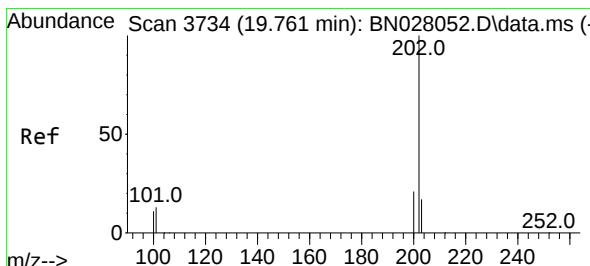
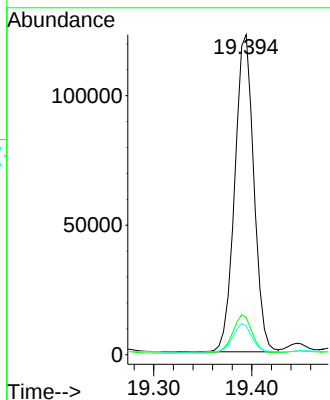
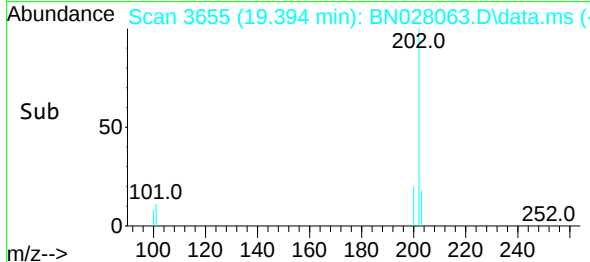
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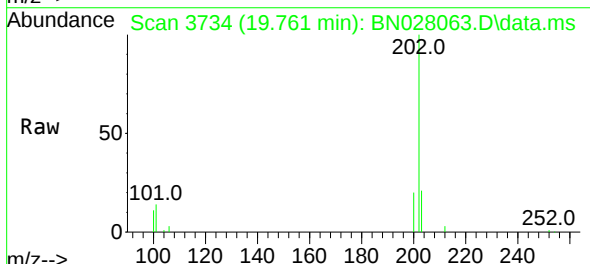
Tgt Ion:202 Resp: 165425
Ion Ratio Lower Upper
202 100
101 11.6 9.6 14.4
100 8.9 7.4 11.0

Manual Integrations
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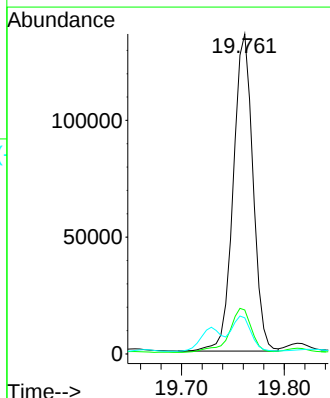
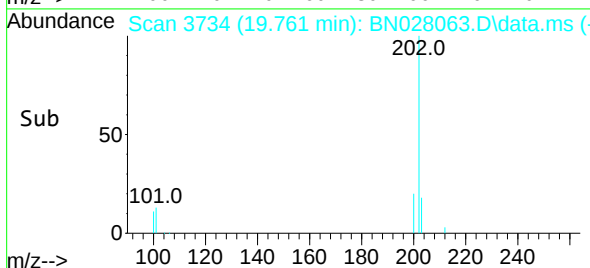
Reviewed By :Yogesh Patel 10/06/2023
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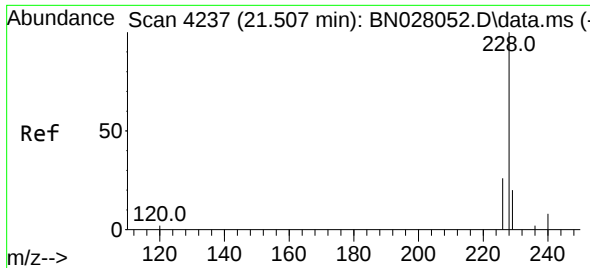


#20
Pyrene
Concen: 3.231 ng/u1
RT: 19.761 min Scan# 3734
Delta R.T. -0.009 min
Lab File: BN028063.D
Acq: 05 Oct 2023 23:59



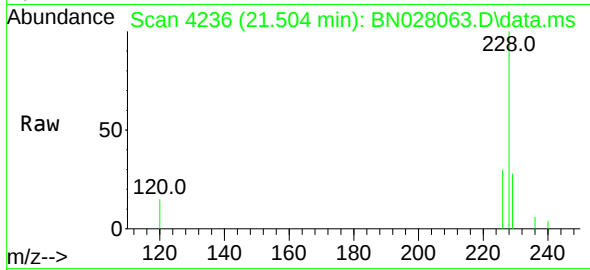
Tgt Ion:202 Resp: 180853
Ion Ratio Lower Upper
202 100
101 13.8 11.2 16.8
100 11.3 9.1 13.7





#21
Benzo(a)anthracene
Concen: 1.139 ng/ul m
RT: 21.504 min Scan# 4236
Delta R.T. -0.014 min
Lab File: BN028063.D
Acq: 05 Oct 2023 23:59

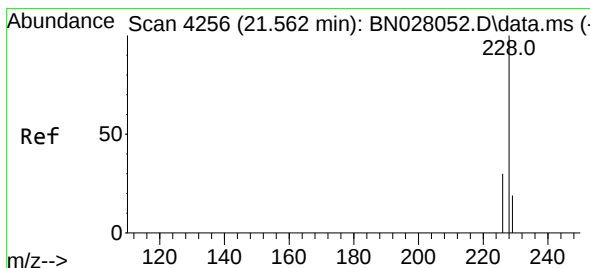
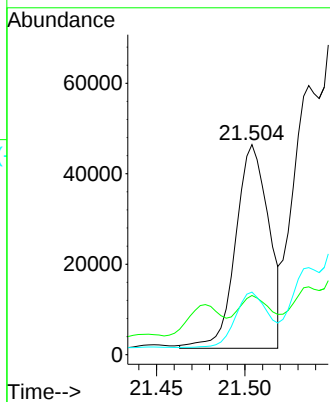
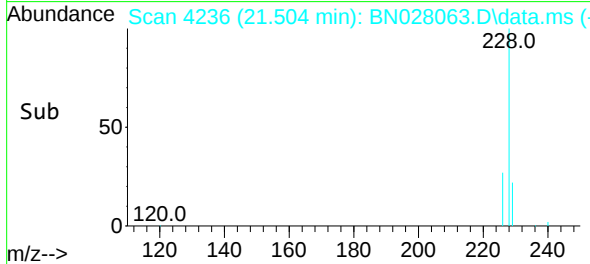
Instrument :
BNA_N
ClientSampleId :
EZYK6



Tgt Ion:228 Resp: 58834
Ion Ratio Lower Upper
228 100
229 28.2 16.0 24.0
226 29.8 21.5 32.3

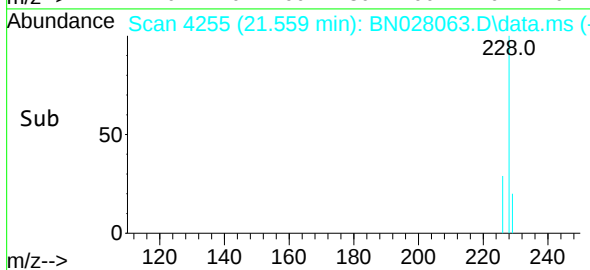
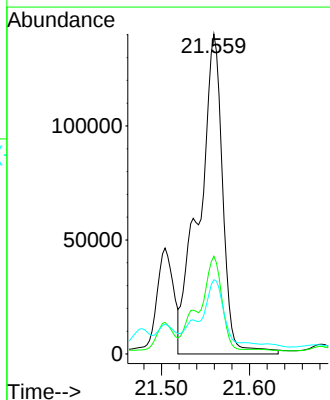
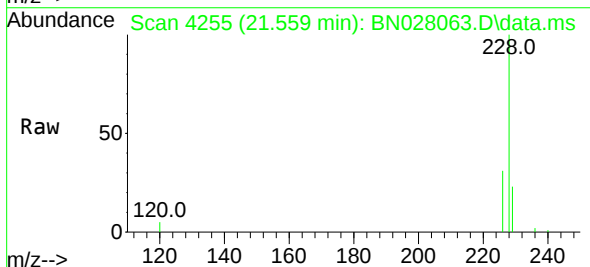
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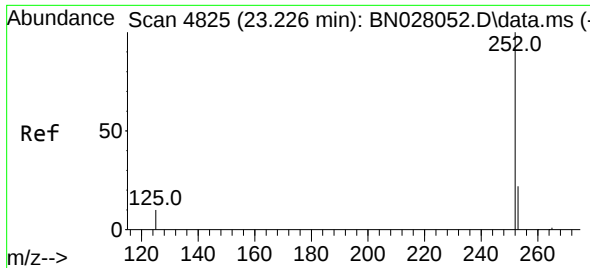
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023



#22
Chrysene
Concen: 4.982 ng/ul m
RT: 21.559 min Scan# 4255
Delta R.T. -0.014 min
Lab File: BN028063.D
Acq: 05 Oct 2023 23:59

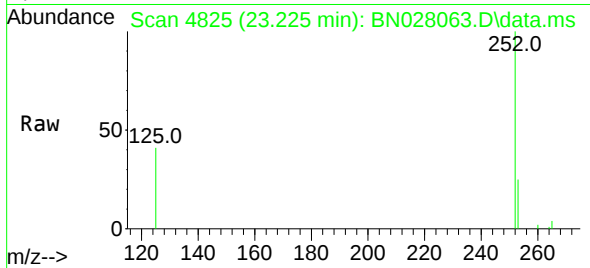
Tgt Ion:228 Resp: 259834
Ion Ratio Lower Upper
228 100
226 30.6 23.8 35.8
229 23.2 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 4.864 ng/ul m
RT: 23.225 min Scan# 4825
Delta R.T. -0.015 min
Lab File: BN028063.D
Acq: 05 Oct 2023 23:59

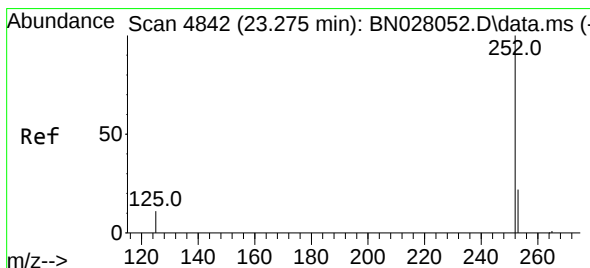
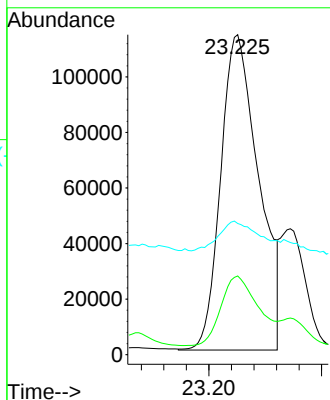
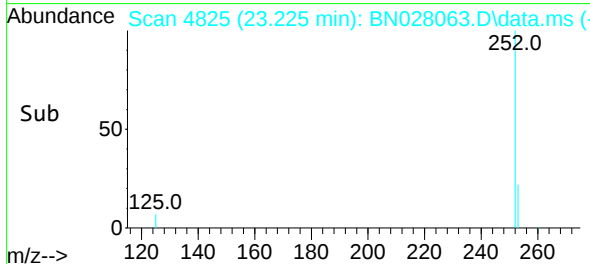
Instrument :
BNA_N
ClientSampleId :
EZYK6



Tgt Ion:252 Resp: 26654
Ion Ratio Lower Upper
252 100
253 24.6 0.0 54.0
125 41.0 0.0 31.4

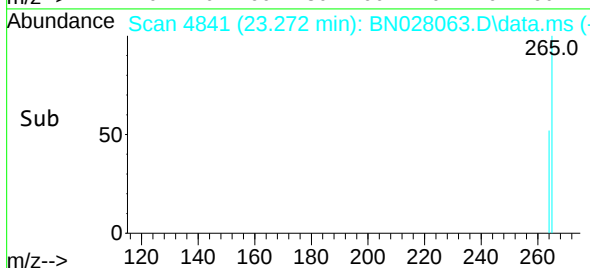
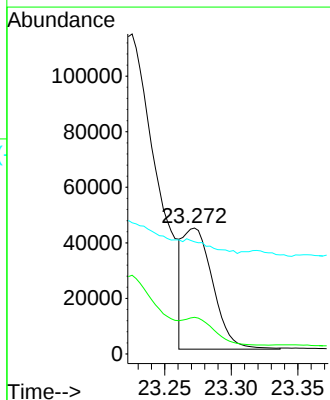
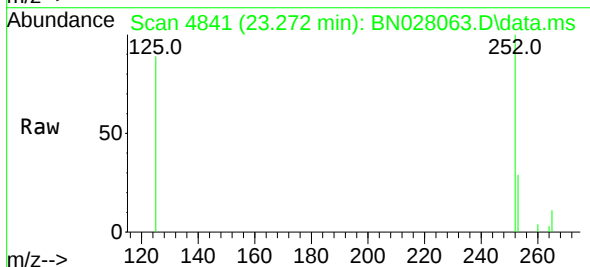
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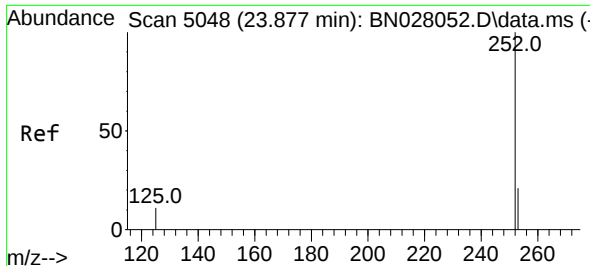
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023



#25
Benzo(k)fluoranthene
Concen: 1.257 ng/ul m
RT: 23.272 min Scan# 4841
Delta R.T. -0.017 min
Lab File: BN028063.D
Acq: 05 Oct 2023 23:59

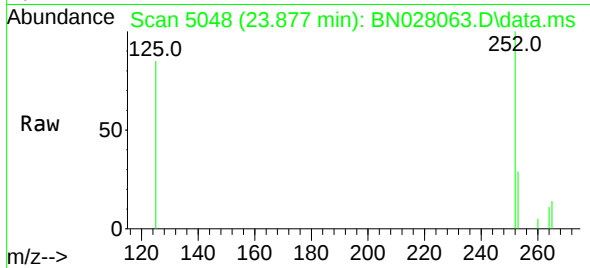
Tgt Ion:252 Resp: 68550
Ion Ratio Lower Upper
252 100
253 29.1 21.8 32.8
125 89.0 12.8 19.2





#26
Benzo(a)pyrene
Concen: 1.674 ng/ul
RT: 23.877 min Scan# 5048
Delta R.T. -0.017 min
Lab File: BN028063.D
Acq: 05 Oct 2023 23:59

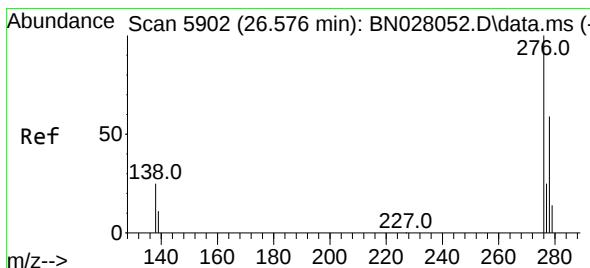
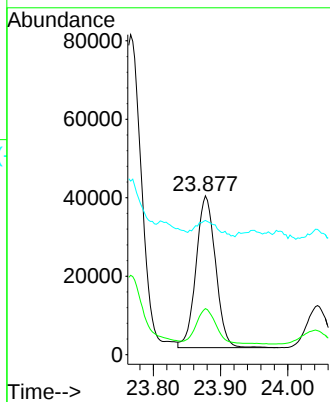
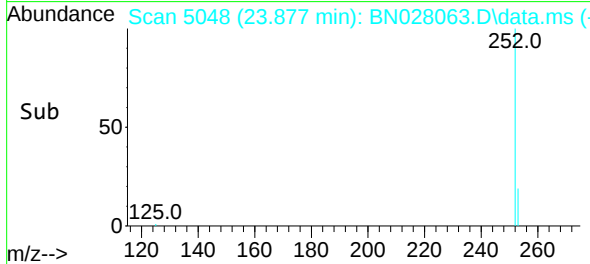
Instrument :
BNA_N
ClientSampleId :
EZYK6



Tgt Ion:252 Resp: 78225
Ion Ratio Lower Upper
252 100
253 29.0 23.4 35.2
125 84.5 15.3 22.9

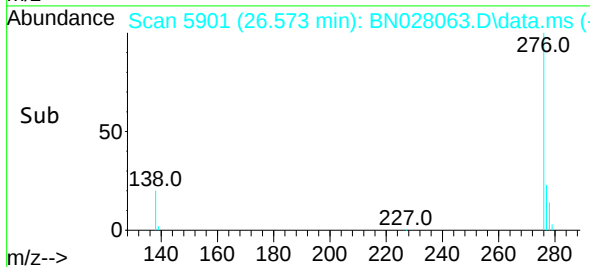
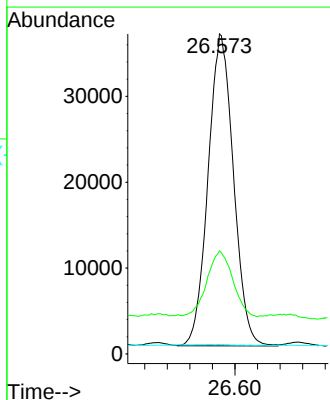
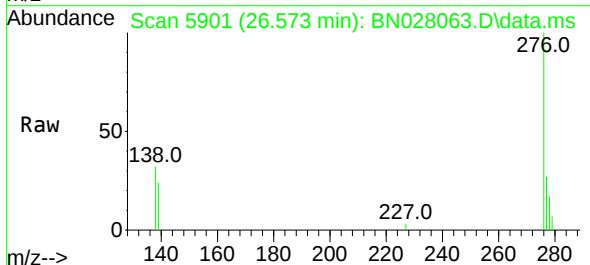
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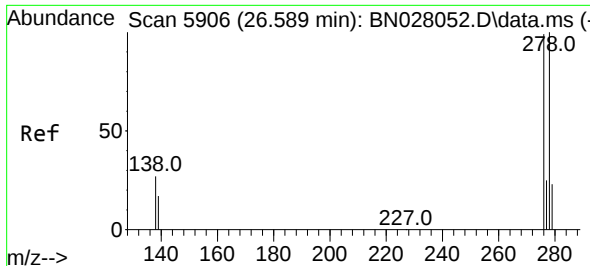
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.006 ng/ul
RT: 26.573 min Scan# 5901
Delta R.T. -0.030 min
Lab File: BN028063.D
Acq: 05 Oct 2023 23:59

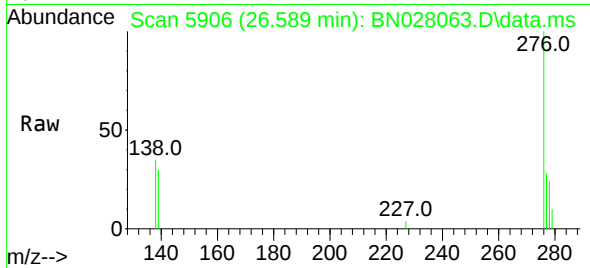
Tgt Ion:276 Resp: 113402
Ion Ratio Lower Upper
276 100
138 21.5 21.6 32.4#
227 0.0 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.558 ng/ul
RT: 26.589 min Scan# 5906
Delta R.T. -0.030 min
Lab File: BN028063.D
Acq: 05 Oct 2023 23:59

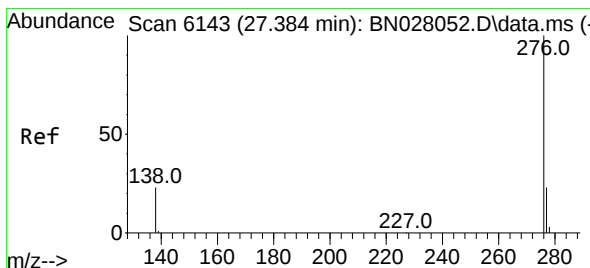
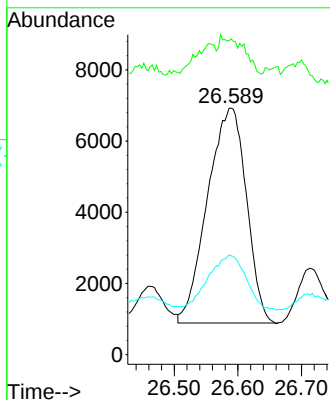
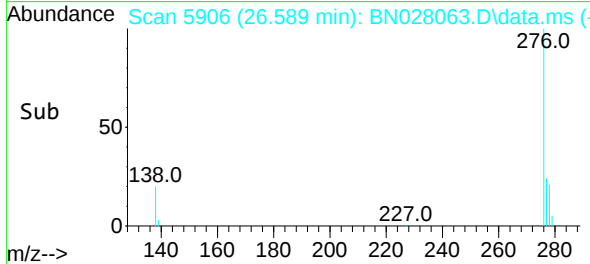
Instrument :
BNA_N
ClientSampleId :
EZYK6



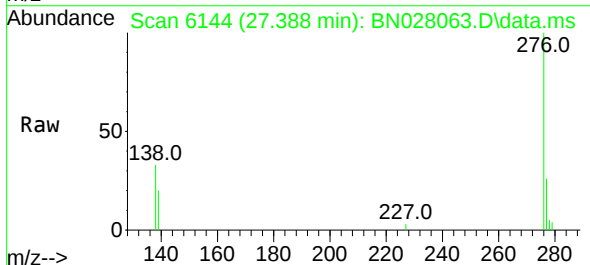
Tgt Ion:278 Resp: 2566
Ion Ratio Lower Upper
278 100
139 128.1 15.9 23.9
279 40.1 22.8 34.2

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 2.682 ng/ul
RT: 27.388 min Scan# 6144
Delta R.T. -0.033 min
Lab File: BN028063.D
Acq: 05 Oct 2023 23:59



Tgt Ion:276 Resp: 123966
Ion Ratio Lower Upper
276 100
138 33.1 19.8 29.6
277 26.2 20.6 31.0

