

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092823\
 Data File : BN027922.D
 Acq On : 28 Sep 2023 12:51
 Operator : MA/JU
 Sample : 04417-32
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYN1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/29/2023
 Supervised By :mohammad ahmed 09/30/2023

Quant Time: Sep 29 04:21:38 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	7.958	152	3864	0.400	ng/ul	0.00
4) Naphthalene-d8	10.779	136	14453	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.601	164	9602	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.354	188	20117	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.545	240	14988	0.400	ng/ul	# 0.00
23) Perylene-d12	24.030	264	13254	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	23609	4.851	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.357	152	9990	0.456	ng/ul	0.00
18) Fluoranthene-d10	19.381	212	22213	0.485	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.828	128	48117	1.165	ng/ul	99
7) 2-Methylnaphthalene	12.434	142	45196	1.724	ng/ul	100
8) 1-Methylnaphthalene	12.649	142	29923	1.107	ng/ul	99
10) Acenaphthylene	14.328	152	9141	0.218	ng/ul#	82
11) Acenaphthene	14.666	153	6098	0.168	ng/ul	96
12) Fluorene	15.651	166	4603	0.108	ng/ul#	80
15) Phenanthrene	17.396	178	109206	1.728	ng/ul	96
16) Anthracene	17.489	178	23573	0.445	ng/ul#	79
19) Fluoranthene	19.413	202	129795	2.142	ng/ul	98
20) Pyrene	19.780	202	126115m	2.020	ng/ul	
21) Benzo(a)anthracene	21.527	228	80810	1.393	ng/ul#	78
22) Chrysene	21.583	228	111600	1.862	ng/ul#	76
24) Benzo(b)fluoranthene	23.258	252	149902m	2.537	ng/ul	
25) Benzo(k)fluoranthene	23.302	252	55467m	0.969	ng/ul	
26) Benzo(a)pyrene	23.919	252	96390	2.029	ng/ul#	65
27) Indeno(1,2,3-cd)pyrene	26.630	276	93944	1.543	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.647	278	27293	0.557	ng/ul#	7
29) Benzo(g,h,i)perylene	27.455	276	129779	2.510	ng/ul	92

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

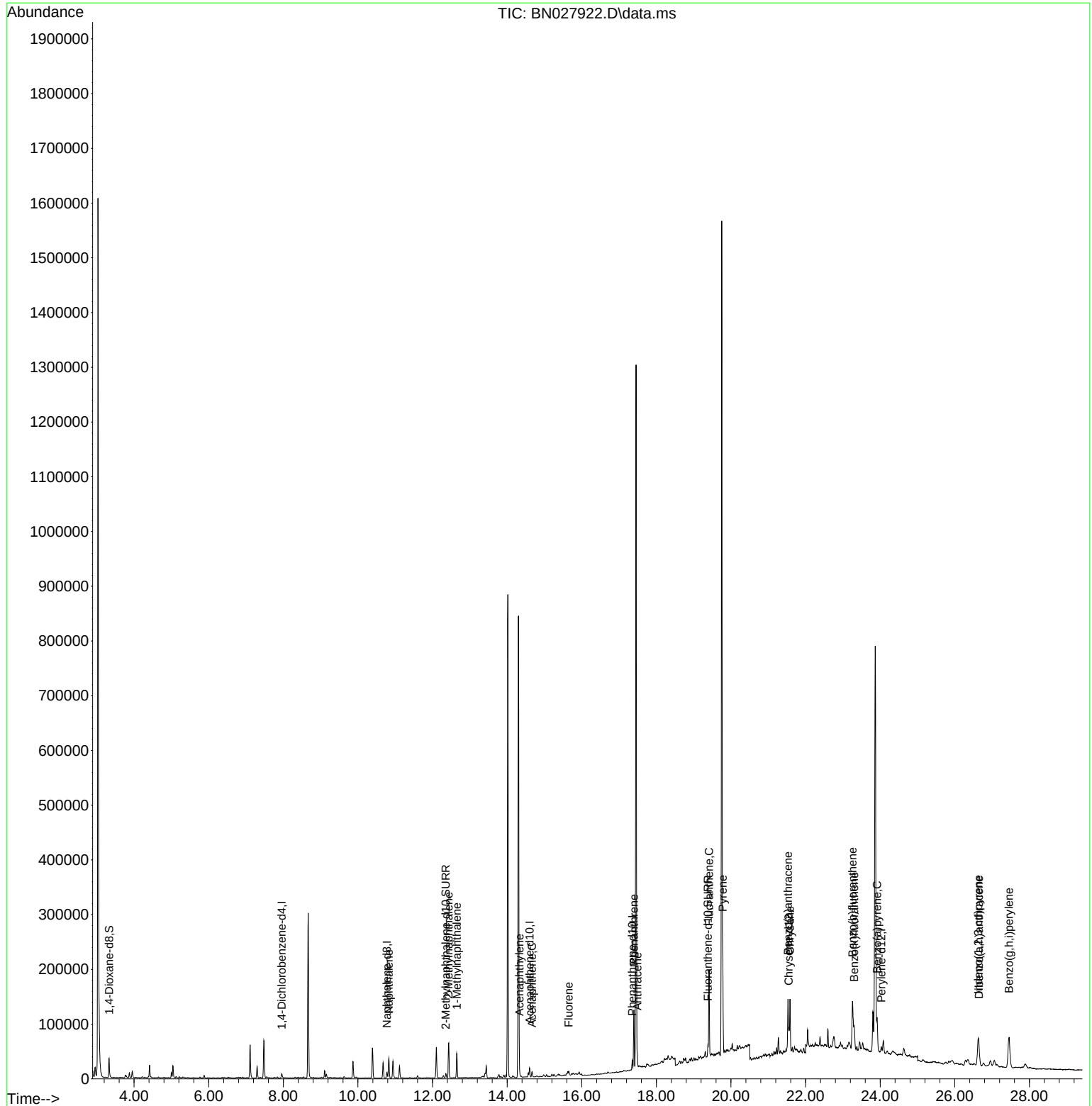
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092823\
Data File : BN027922.D
Acq On : 28 Sep 2023 12:51
Operator : MA/JU
Sample : 04417-32
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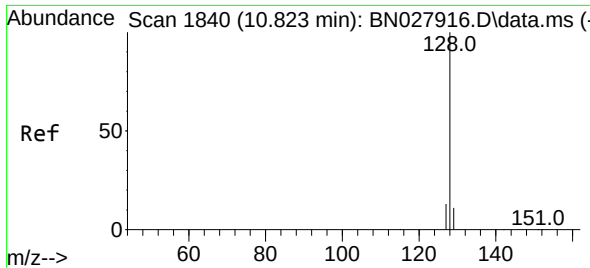
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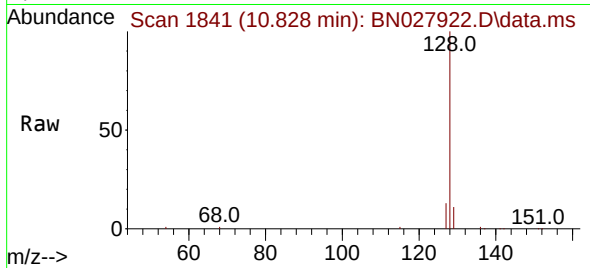
Quant Time: Sep 29 04:21:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 27 03:52:19 2023
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#5
Naphthalene
Concen: 1.165 ng/ul
RT: 10.828 min Scan# 1840
Delta R.T. -0.005 min
Lab File: BN027922.D
Acq: 28 Sep 2023 12:51

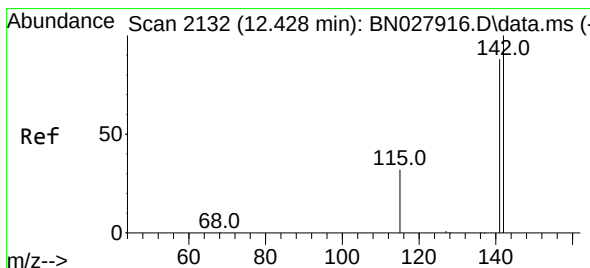
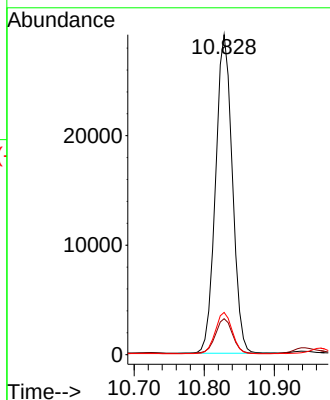
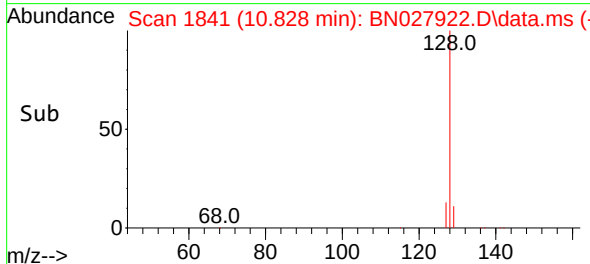
Instrument :
BNA_N
ClientSampleId :
EZYNI



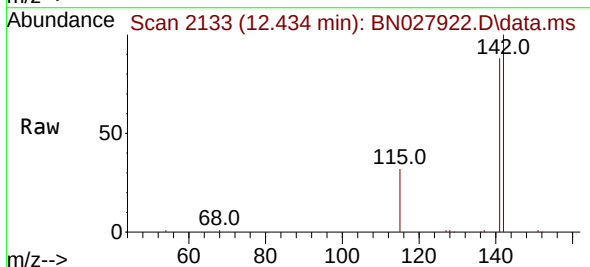
Tgt Ion:128 Resp: 4811
Ion Ratio Lower Upper
128 100
129 11.2 9.3 13.9
127 13.2 10.7 16.1

Manual Integrations
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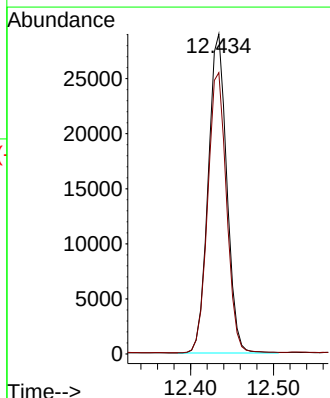
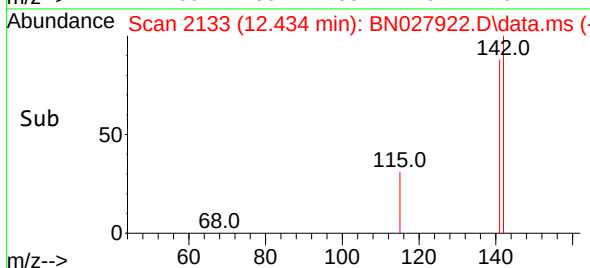
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023

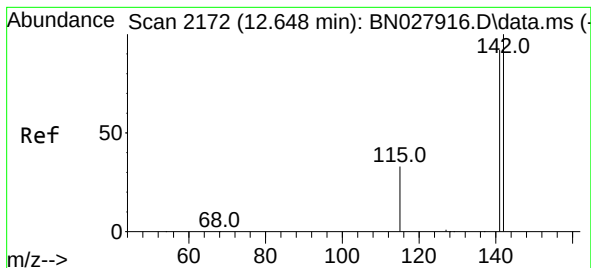


#7
2-Methylnaphthalene
Concen: 1.724 ng/ul
RT: 12.434 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BN027922.D
Acq: 28 Sep 2023 12:51



Tgt Ion:142 Resp: 45196
Ion Ratio Lower Upper
142 100
141 88.8 71.1 106.7





#8

1-Methylnaphthalene

Concen: 1.107 ng/ul

RT: 12.649 min Scan# 2172

Delta R.T. -0.005 min

Lab File: BN027922.D

Acq: 28 Sep 2023 12:51

Instrument :

BNA_N

ClientSampleId :

EZYN1

Tgt Ion:142 Resp: 2992

Ion Ratio Lower Upper

142 100

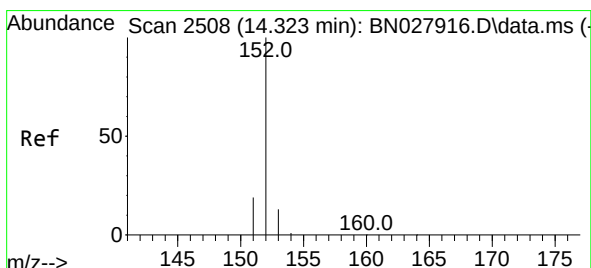
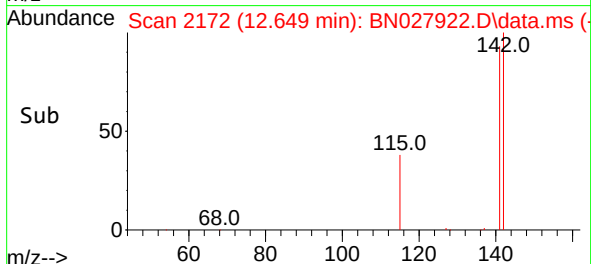
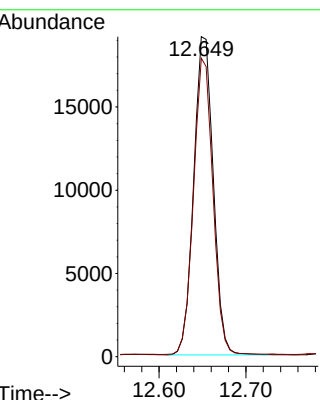
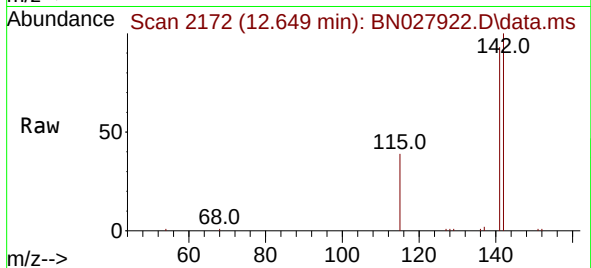
141 91.9 72.8 109.2

Manual Integrations

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#10

Acenaphthylene

Concen: 0.218 ng/ul

RT: 14.328 min Scan# 2509

Delta R.T. -0.005 min

Lab File: BN027922.D

Acq: 28 Sep 2023 12:51

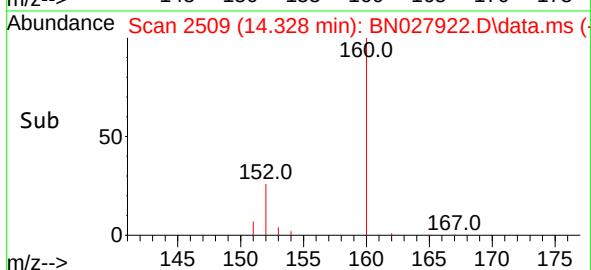
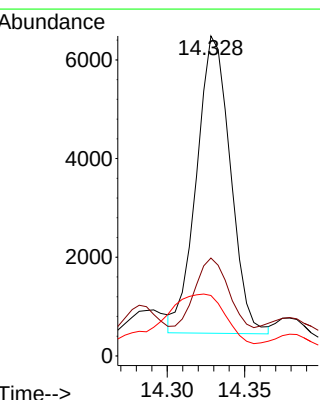
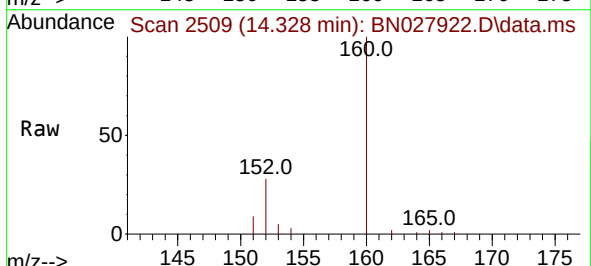
Tgt Ion:152 Resp: 9141

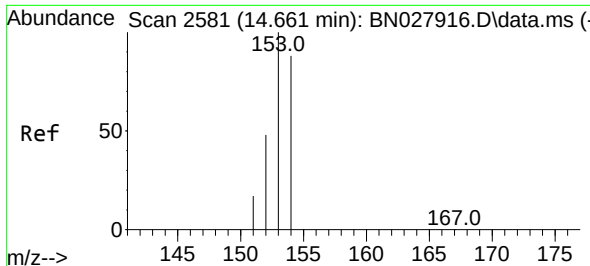
Ion Ratio Lower Upper

152 100

151 30.6 16.6 25.0#

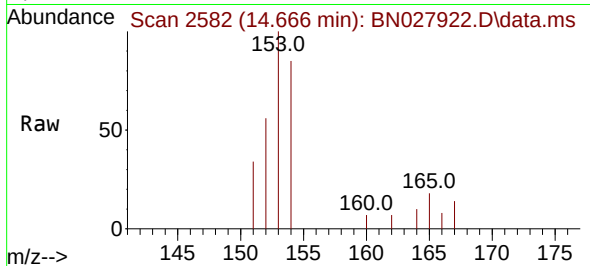
153 18.9 11.0 16.6#





#11
Acenaphthene
Concen: 0.168 ng/ul
RT: 14.666 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN027922.D
Acq: 28 Sep 2023 12:51

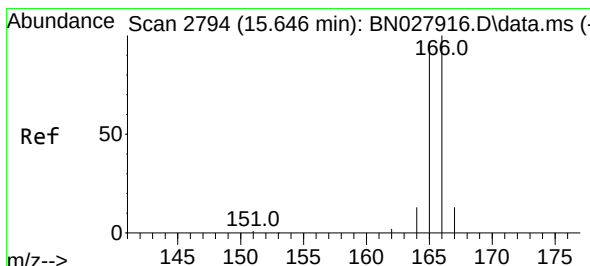
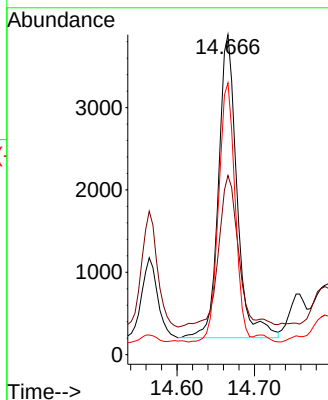
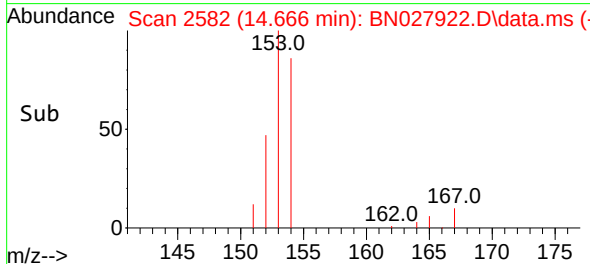
Instrument :
BNA_N
ClientSampleId :
EZYN1



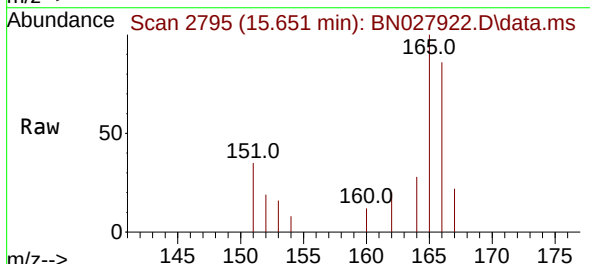
Tgt Ion:153 Resp: 6098
Ion Ratio Lower Upper
153 100
152 56.0 41.7 62.5
154 84.9 70.3 105.5

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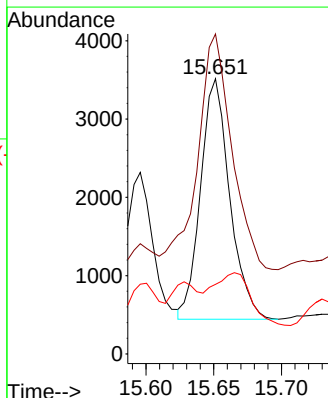
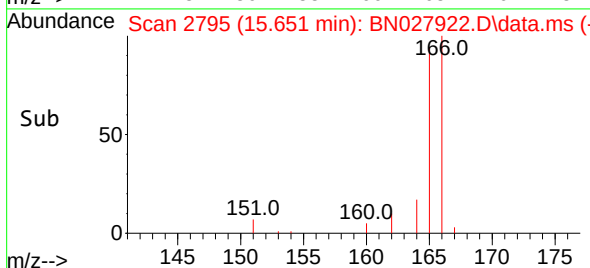
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023

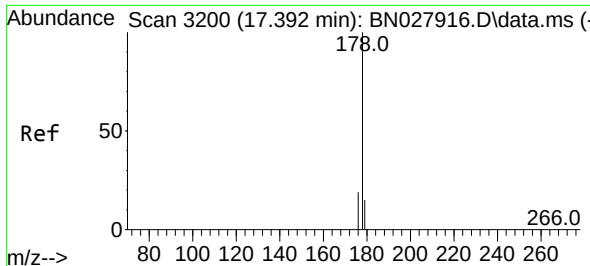


#12
Fluorene
Concen: 0.108 ng/ul
RT: 15.651 min Scan# 2795
Delta R.T. 0.000 min
Lab File: BN027922.D
Acq: 28 Sep 2023 12:51



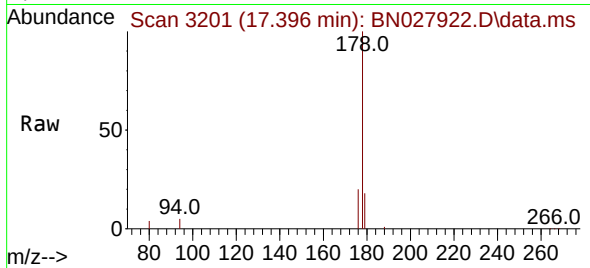
Tgt Ion:166 Resp: 4603
Ion Ratio Lower Upper
166 100
165 116.3 78.0 117.0
167 25.3 11.4 17.2#





#15
Phenanthrene
Concen: 1.728 ng/ul
RT: 17.396 min Scan# 3200
Delta R.T. 0.000 min
Lab File: BN027922.D
Acq: 28 Sep 2023 12:51

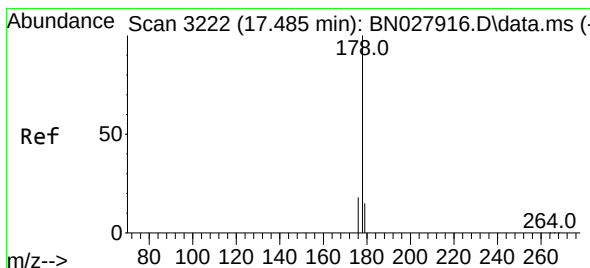
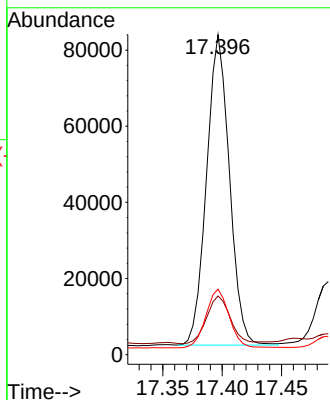
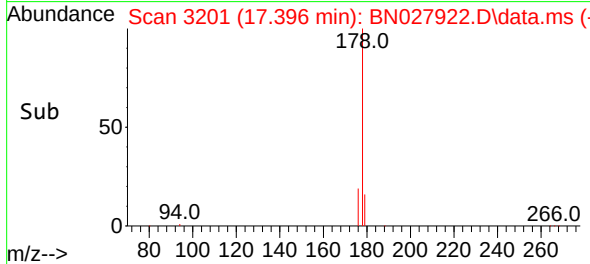
Instrument :
BNA_N
ClientSampleId :
EZYN1



Tgt Ion:178 Resp: 109200
Ion Ratio Lower Upper
178 100
179 18.4 12.4 18.6
176 20.5 16.0 24.0

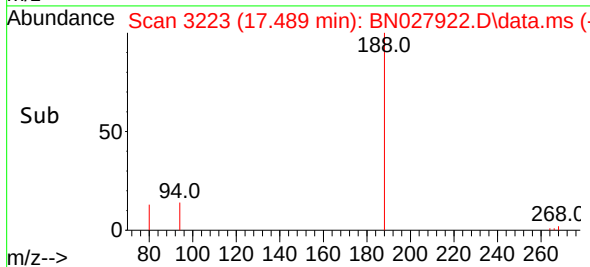
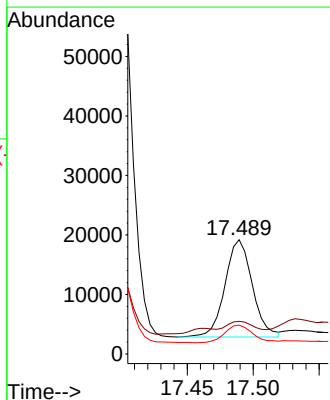
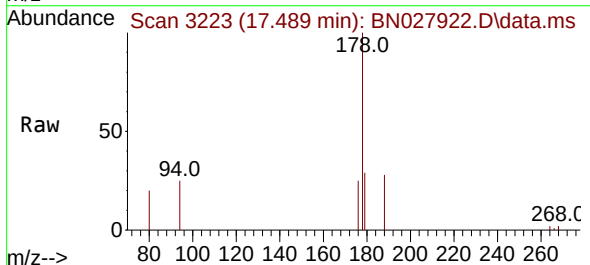
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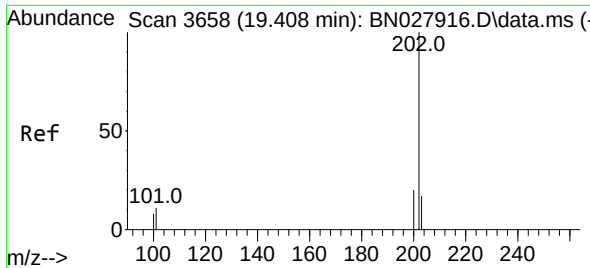
Reviewed By :Yogesh Patel 09/29/2023
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#16
Anthracene
Concen: 0.445 ng/ul
RT: 17.489 min Scan# 3223
Delta R.T. 0.000 min
Lab File: BN027922.D
Acq: 28 Sep 2023 12:51

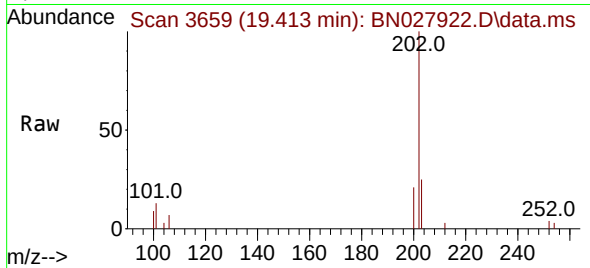
Tgt Ion:178 Resp: 23573
Ion Ratio Lower Upper
178 100
179 28.6 12.6 19.0#
176 25.2 15.5 23.3#





#19
Fluoranthene
Concen: 2.142 ng/u1
RT: 19.413 min Scan# 3659
Delta R.T. 0.005 min
Lab File: BN027922.D
Acq: 28 Sep 2023 12:51

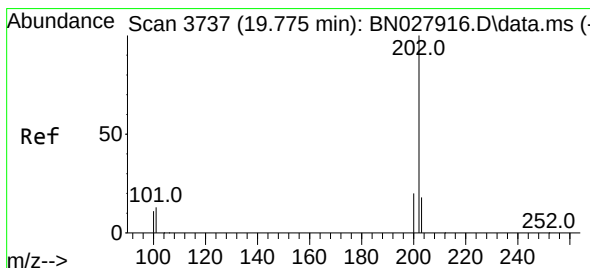
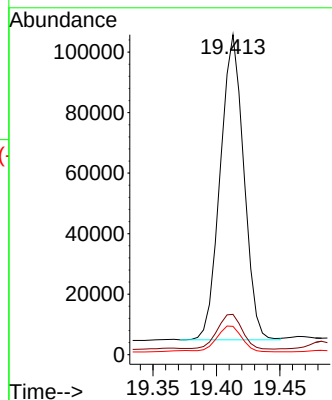
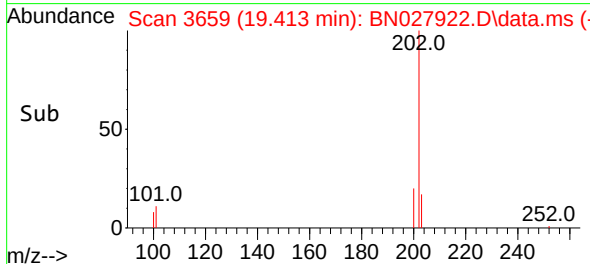
Instrument :
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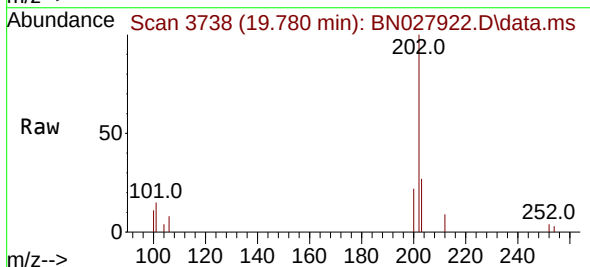
Tgt Ion:202 Resp: 12979
Ion Ratio Lower Upper
202 100
101 12.6 9.3 13.9
100 8.8 7.0 10.4

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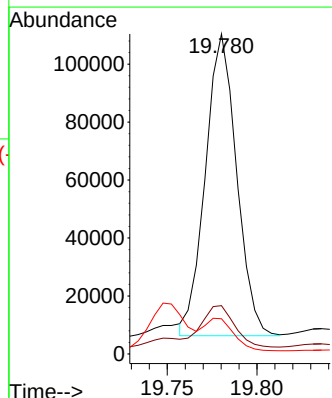
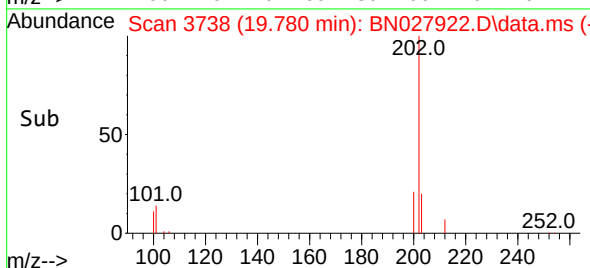
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Supervised By :mohammad ahmed 09/30/2023

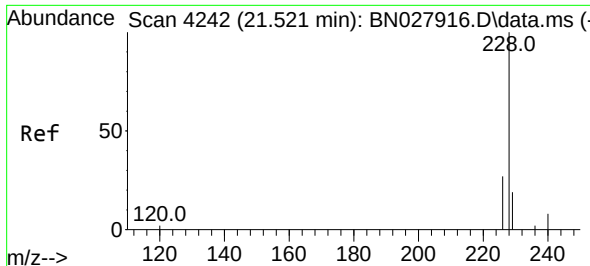


#20
Pyrene
Concen: 2.020 ng/u1 m
RT: 19.780 min Scan# 3738
Delta R.T. 0.005 min
Lab File: BN027922.D
Acq: 28 Sep 2023 12:51



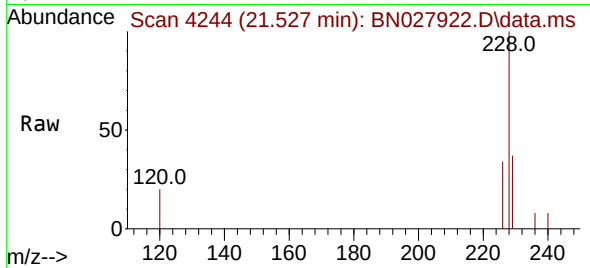
Tgt Ion:202 Resp: 126115
Ion Ratio Lower Upper
202 100
101 15.1 11.4 17.0
100 11.0 9.1 13.7





#21
Benzo(a)anthracene
Concen: 1.393 ng/ul
RT: 21.527 min Scan# 4242
Delta R.T. 0.009 min
Lab File: BN027922.D
Acq: 28 Sep 2023 12:51

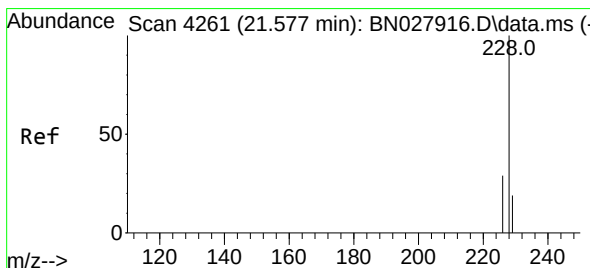
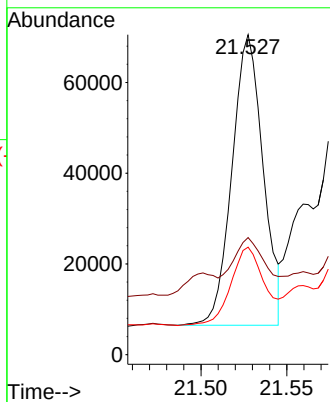
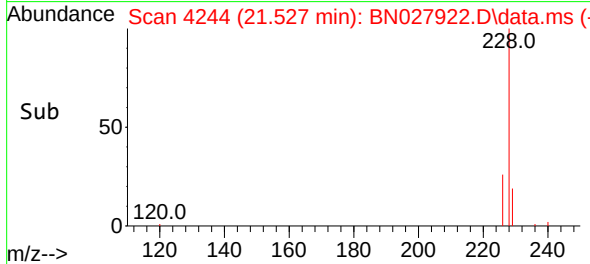
Instrument :
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Tgt Ion:228 Resp: 80810
Ion Ratio Lower Upper
228 100
229 36.6 15.8 23.8
226 33.6 22.0 33.0

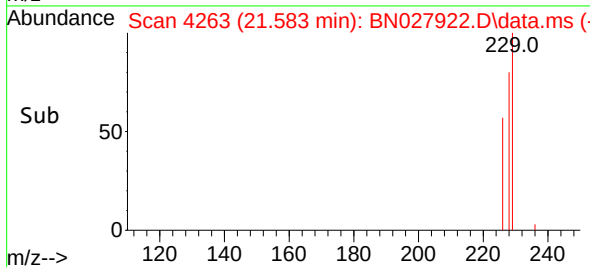
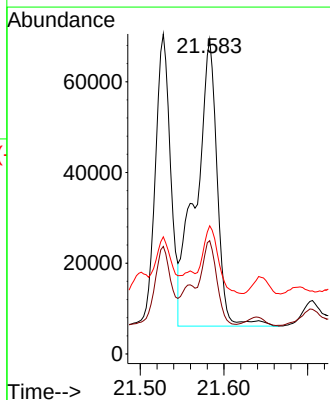
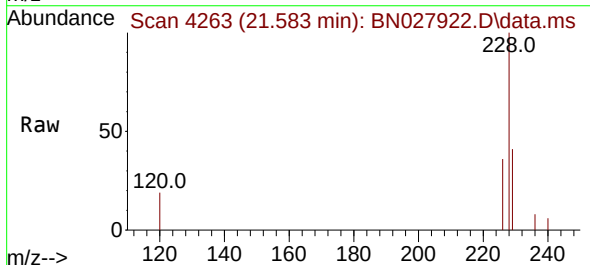
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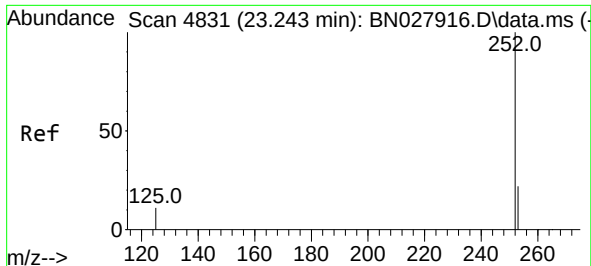
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023



#22
Chrysene
Concen: 1.862 ng/ul
RT: 21.583 min Scan# 4263
Delta R.T. 0.009 min
Lab File: BN027922.D
Acq: 28 Sep 2023 12:51

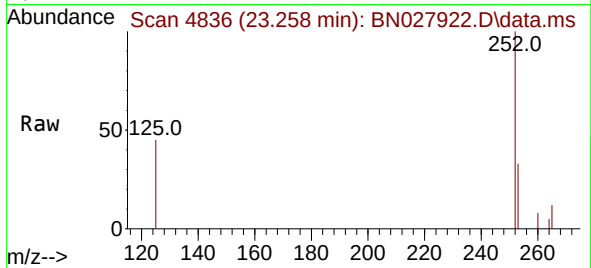
Tgt Ion:228 Resp: 111600
Ion Ratio Lower Upper
228 100
226 36.0 24.5 36.7
229 40.7 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 2.537 ng/ul m
RT: 23.258 min Scan# 4836
Delta R.T. 0.018 min
Lab File: BN027922.D
Acq: 28 Sep 2023 12:51

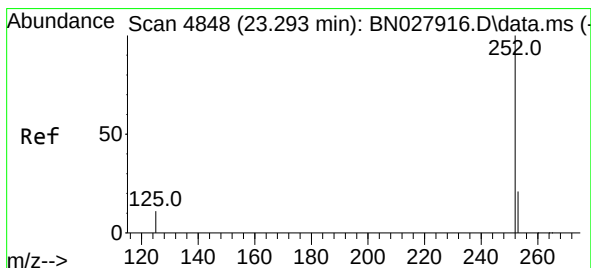
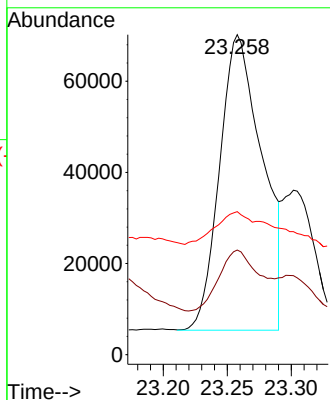
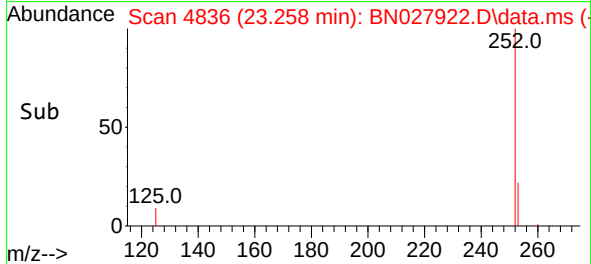
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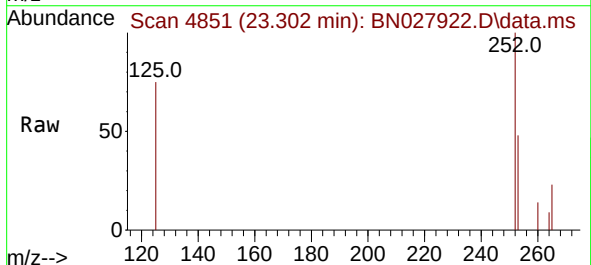
Tgt Ion:252 Resp: 149902
Ion Ratio Lower Upper
252 100
253 32.7 0.0 50.2
125 44.7 0.0 31.4

Manual Integrations
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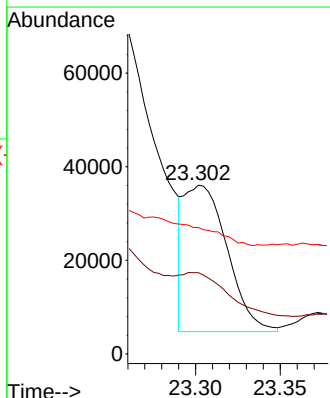
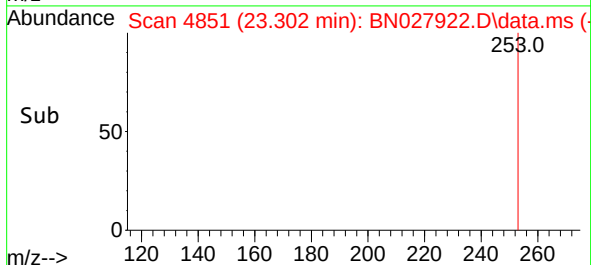
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023

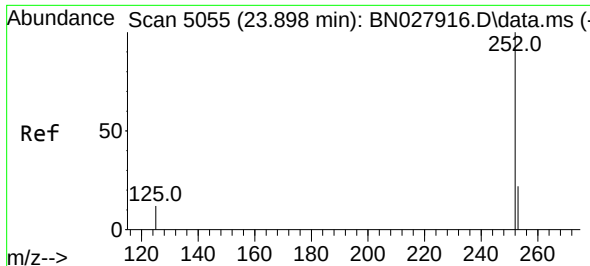


#25
Benzo(k)fluoranthene
Concen: 0.969 ng/ul m
RT: 23.302 min Scan# 4851
Delta R.T. 0.009 min
Lab File: BN027922.D
Acq: 28 Sep 2023 12:51



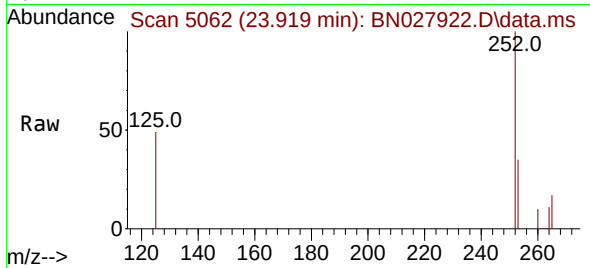
Tgt Ion:252 Resp: 55467
Ion Ratio Lower Upper
252 100
253 48.1 19.9 29.9#
125 74.8 12.6 19.0#





#26
Benzo(a)pyrene
Concen: 2.029 ng/u1
RT: 23.919 min Scan# 5055
Delta R.T. 0.023 min
Lab File: BN027922.D
Acq: 28 Sep 2023 12:51

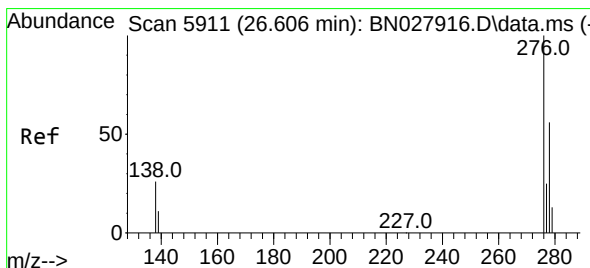
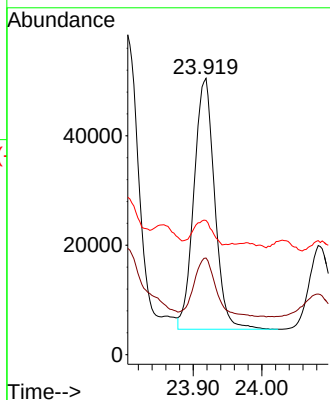
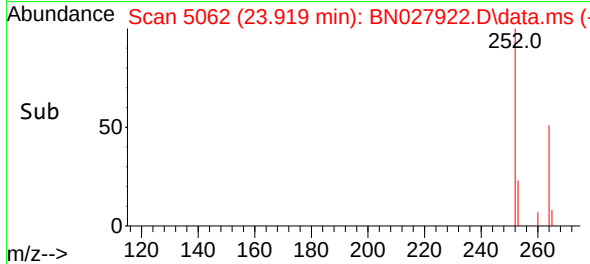
Instrument :
BNA_N
ClientSampleId :
EZYNI



Tgt Ion:252 Resp: 96390
Ion Ratio Lower Upper
252 100
253 35.0 21.9 32.9
125 48.6 15.5 23.3

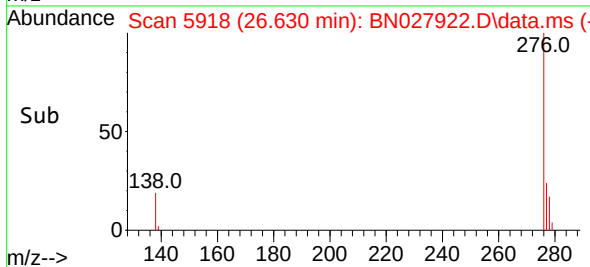
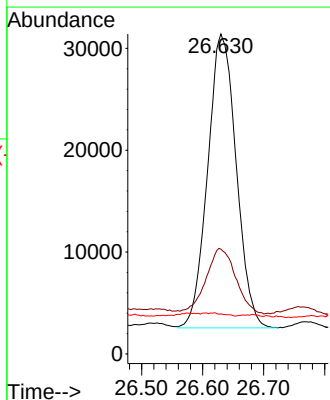
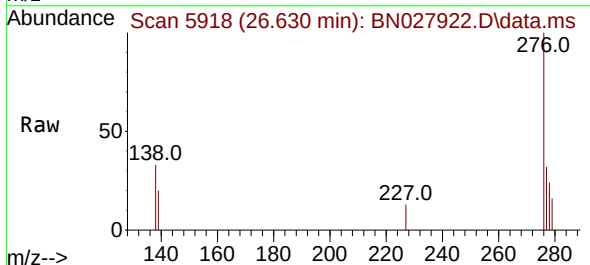
Manual Integrations
APPROVED

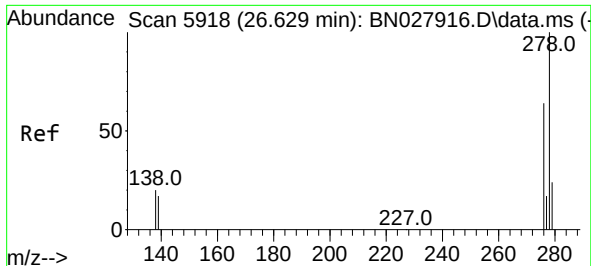
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.543 ng/u1
RT: 26.630 min Scan# 5918
Delta R.T. 0.031 min
Lab File: BN027922.D
Acq: 28 Sep 2023 12:51

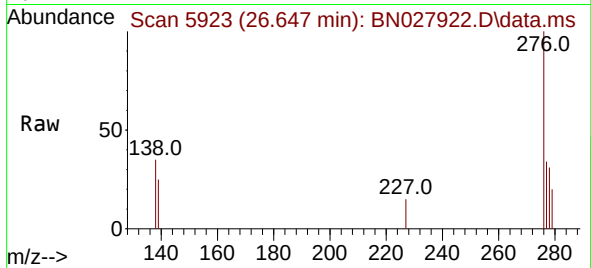
Tgt Ion:276 Resp: 93944
Ion Ratio Lower Upper
276 100
138 22.9 24.3 36.5
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.557 ng/ul
RT: 26.647 min Scan# 5918
Delta R.T. 0.024 min
Lab File: BN027922.D
Acq: 28 Sep 2023 12:51

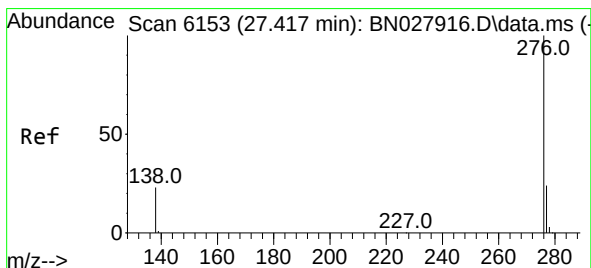
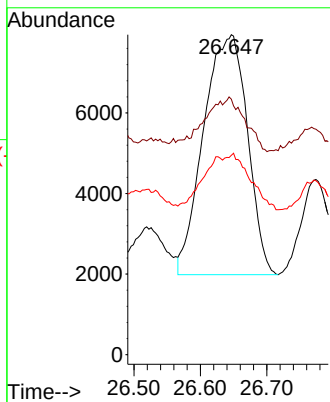
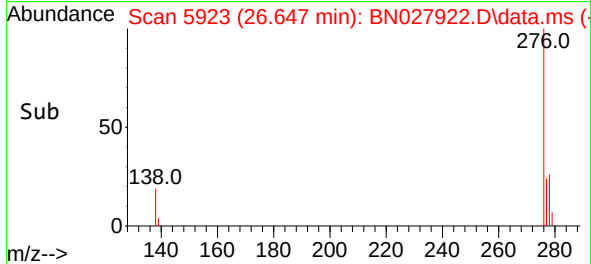
Instrument :
BNA_N
ClientSampleId :
EZYN1



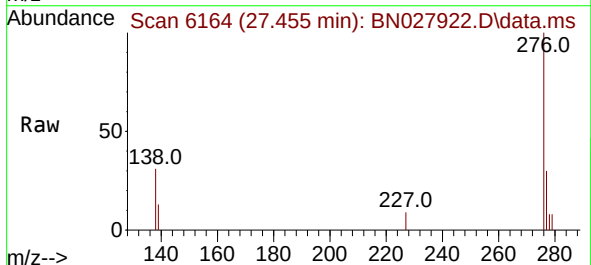
Tgt Ion:278 Resp: 2729
Ion Ratio Lower Upper
278 100
139 79.9 17.2 25.8
279 62.3 21.4 32.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023



#29
Benzo(g,h,i)perylene
Concen: 2.510 ng/ul
RT: 27.455 min Scan# 6164
Delta R.T. 0.044 min
Lab File: BN027922.D
Acq: 28 Sep 2023 12:51



Tgt Ion:276 Resp: 129779
Ion Ratio Lower Upper
276 100
138 31.2 21.7 32.5
277 29.6 20.2 30.2

