

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092823\
 Data File : BN027952.D
 Acq On : 29 Sep 2023 07:32
 Operator : MA/JU
 Sample : 04417-36DL 5X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYX1DL

Manual Integrations
 APPROVED

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

Quant Time: Sep 29 08:00:55 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	7.966	152	4993	0.400	ng/ul	0.00
4) Naphthalene-d8	10.790	136	18219	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.610	164	11027	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.367	188	21880	0.400	ng/ul	# 0.01
17) Chrysene-d12	21.557	240	13923	0.400	ng/ul	# 0.02
23) Perylene-d12	24.044	264	14436	0.400	ng/ul	# 0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	2690	0.428	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.368	152	1584	0.057	ng/ul	0.00
18) Fluoranthene-d10	19.394	212	2646	0.062	ng/ul	0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.839	128	7010	0.135	ng/ul#	91
7) 2-Methylnaphthalene	12.445	142	24329	0.736	ng/ul	100
8) 1-Methylnaphthalene	12.665	142	14305	0.420	ng/ul	99
10) Acenaphthylene	14.333	152	2289	0.048	ng/ul#	1
11) Acenaphthene	14.680	153	2658	0.064	ng/ul#	65
15) Phenanthrene	17.409	178	38250	0.556	ng/ul	97
16) Anthracene	17.506	178	2190	0.038	ng/ul#	34
19) Fluoranthene	19.427	202	15627	0.278	ng/ul	96
20) Pyrene	19.794	202	15472	0.267	ng/ul	97
21) Benzo(a)anthracene	21.539	228	7074	0.131	ng/ul#	2
22) Chrysene	21.595	228	8174	0.147	ng/ul#	9
24) Benzo(b)fluoranthene	23.275	252	13966m	0.217	ng/ul	
25) Benzo(k)fluoranthene	23.322	252	4625m	0.074	ng/ul	
26) Benzo(a)pyrene	23.930	252	7605	0.147	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.666	276	9698	0.146	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.670	278	3179	0.060	ng/ul#	1
29) Benzo(g,h,i)perylene	27.488	276	7956	0.141	ng/ul#	5

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

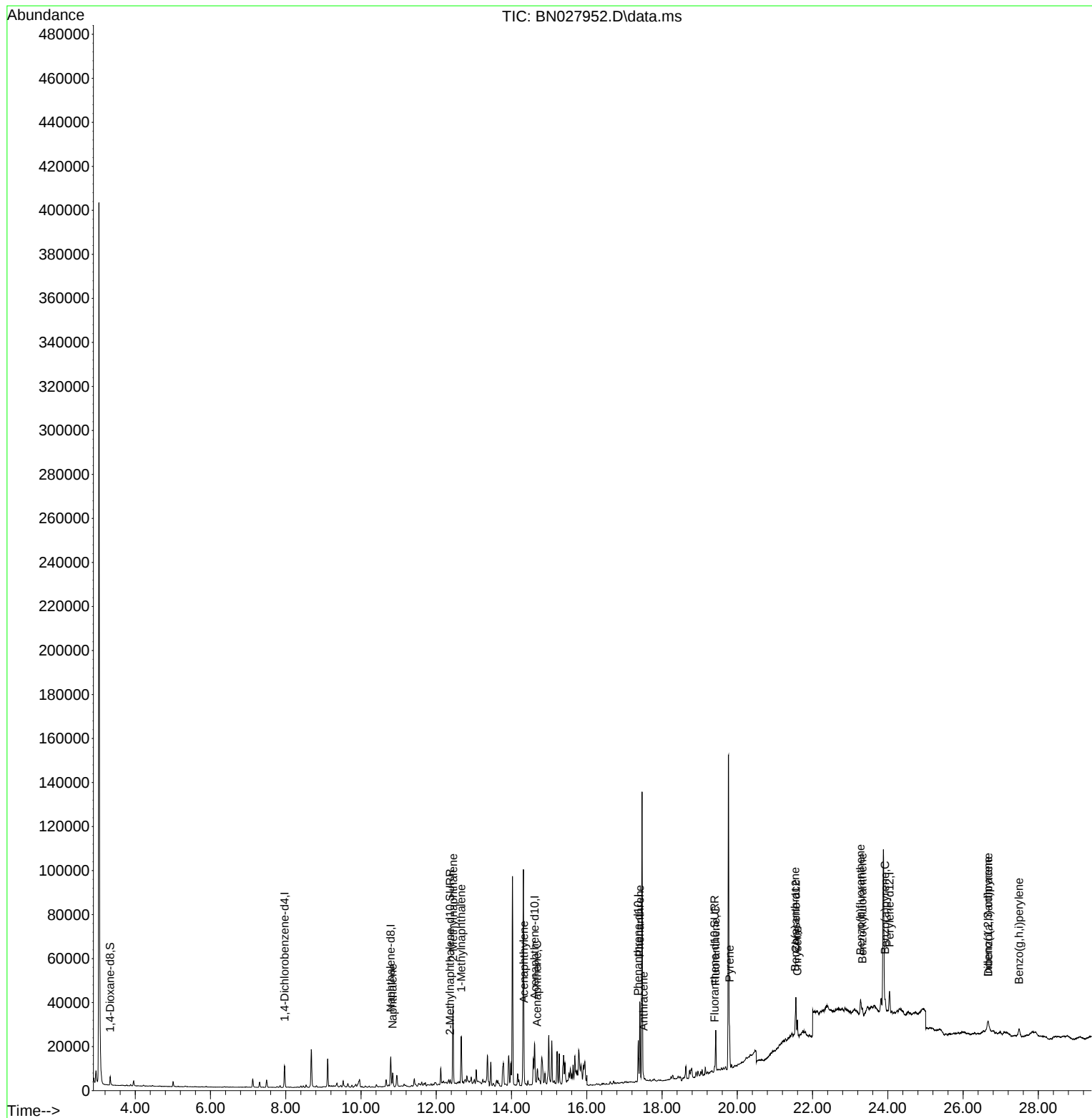
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092823\
Data File : BN027952.D
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ALS Vial : 38 Sample Multiplier: 1

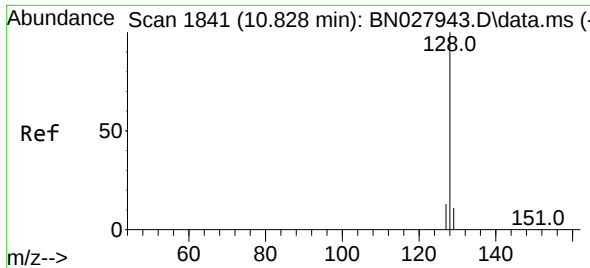
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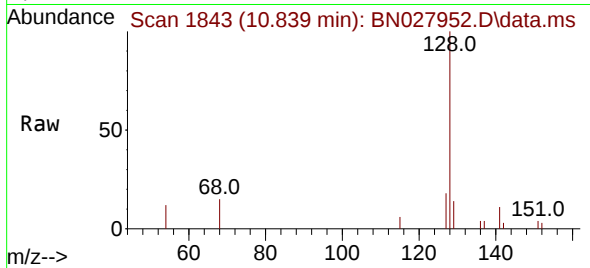
Quant Time: Sep 29 08:00:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 27 03:52:19 2023
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#5
Naphthalene
Concen: 0.135 ng/u1
RT: 10.839 min Scan# 1843
Delta R.T. 0.005 min
Lab File: BN027952.D
Acq: 29 Sep 2023 07:32

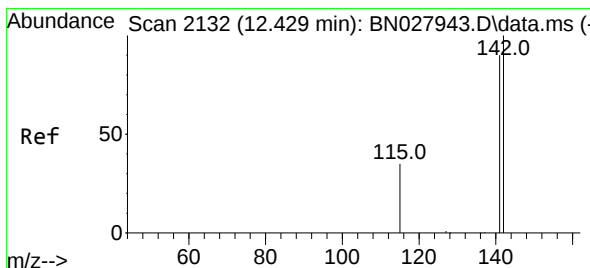
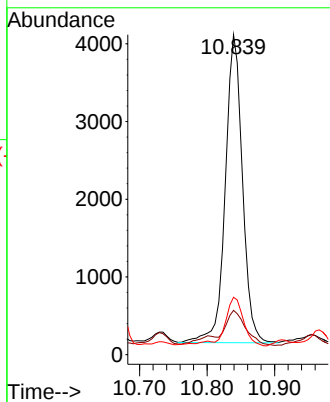
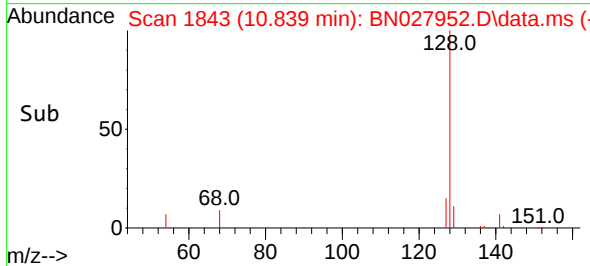
Instrument :
BNA_N
ClientSampleId :
EZYX1DL



Tgt Ion:128 Resp: 7010
Ion Ratio Lower Upper
128 100
129 13.8 9.3 13.9
127 17.9 10.7 16.1

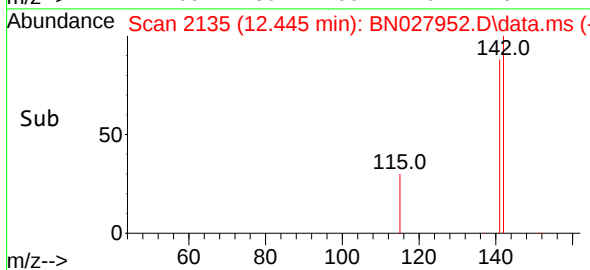
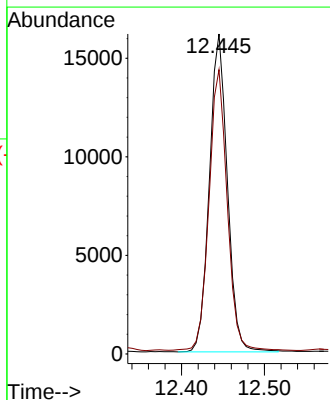
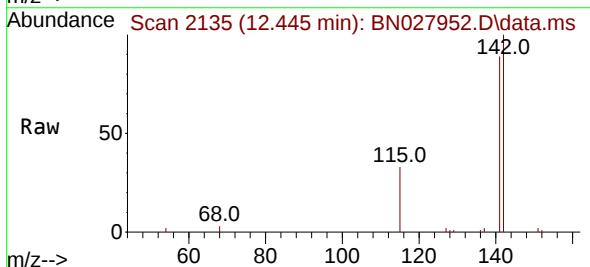
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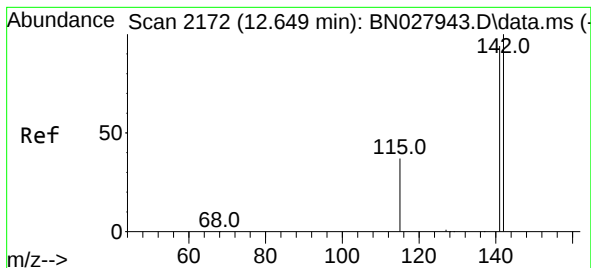
Reviewed By :Yogesh Patel 09/30/2023
Supervised By :mohammad ahmed 09/30/2023



#7
2-Methylnaphthalene
Concen: 0.736 ng/u1
RT: 12.445 min Scan# 2135
Delta R.T. 0.011 min
Lab File: BN027952.D
Acq: 29 Sep 2023 07:32

Tgt Ion:142 Resp: 24329
Ion Ratio Lower Upper
142 100
141 88.9 71.1 106.7





#8

1-Methylnaphthalene

Concen: 0.420 ng/ul

RT: 12.665 min Scan# 2175

Delta R.T. 0.011 min

Lab File: BN027952.D

Acq: 29 Sep 2023 07:32

Instrument :

BNA_N

ClientSampleId :

EZYX1DL

Tgt Ion:142 Resp: 1430

Ion Ratio Lower Upper

142 100

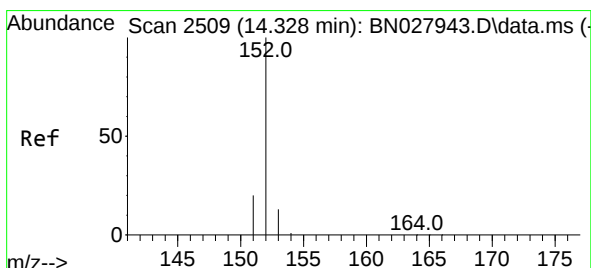
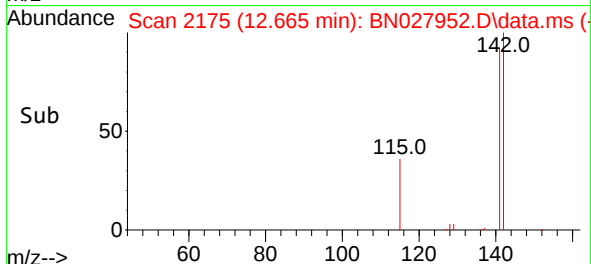
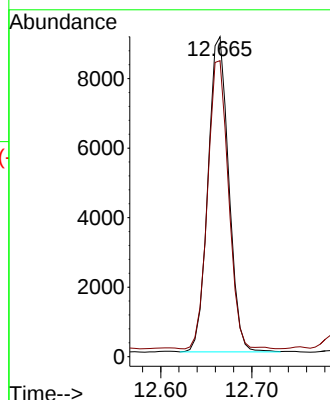
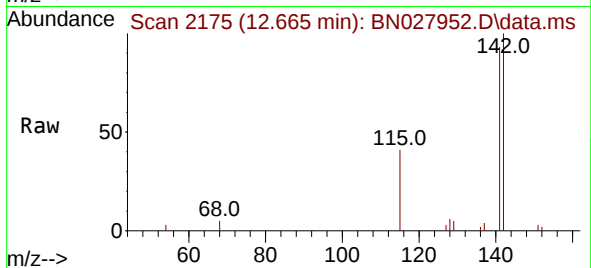
141 92.0 72.8 109.2

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#10

Acenaphthylene

Concen: 0.048 ng/ul

RT: 14.333 min Scan# 2510

Delta R.T. -0.000 min

Lab File: BN027952.D

Acq: 29 Sep 2023 07:32

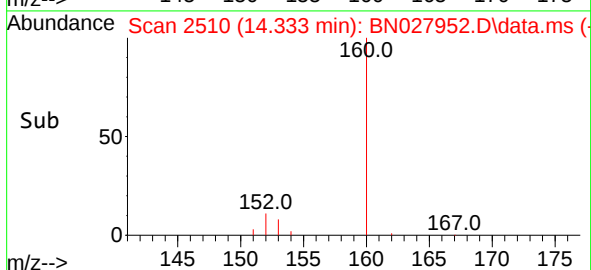
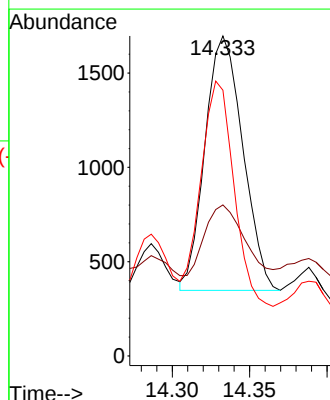
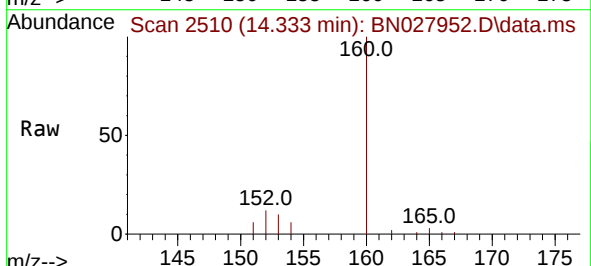
Tgt Ion:152 Resp: 2289

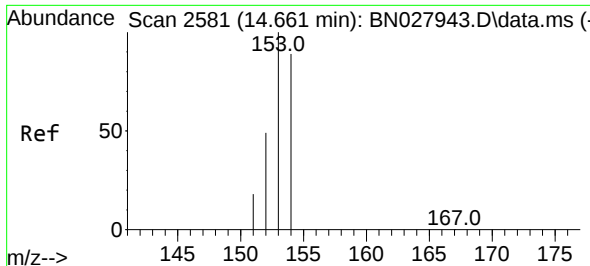
Ion Ratio Lower Upper

152 100

151 47.2 16.6 25.0#

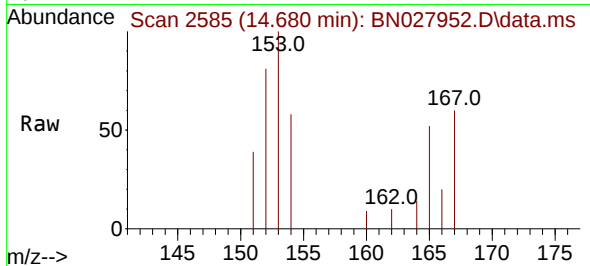
153 83.0 11.0 16.6#





#11
Acenaphthene
Concen: 0.064 ng/u1
RT: 14.680 min Scan# 21
Delta R.T. 0.014 min
Lab File: BN027952.D
Acq: 29 Sep 2023 07:32

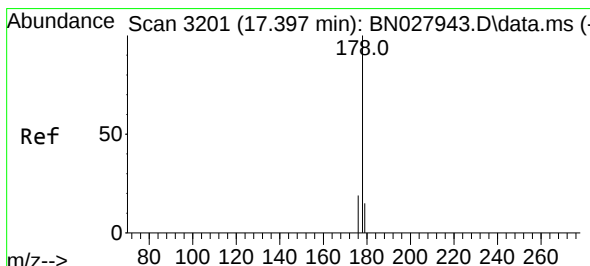
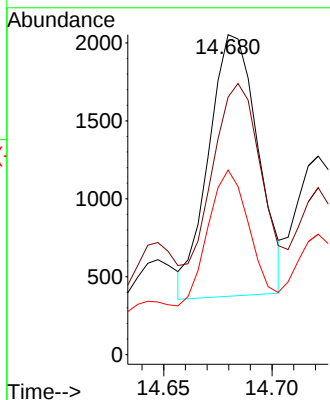
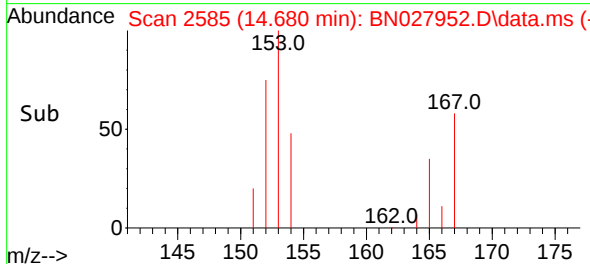
Instrument :
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ClientSampleId :
EZYX1DL



Tgt Ion:153 Resp: 2658
Ion Ratio Lower Upper
153 100
152 80.5 41.7 62.5
154 57.7 70.3 105.5

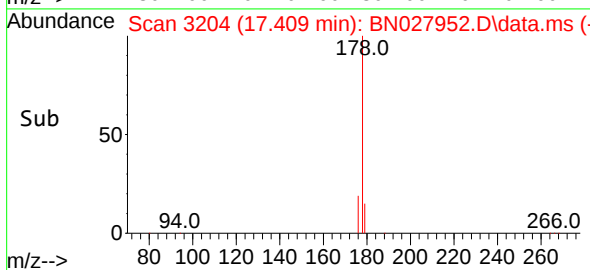
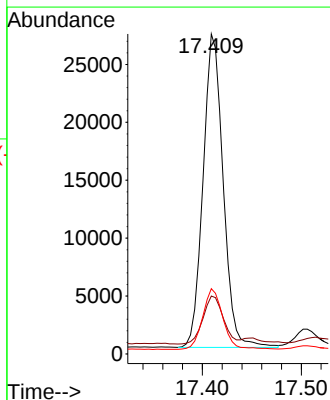
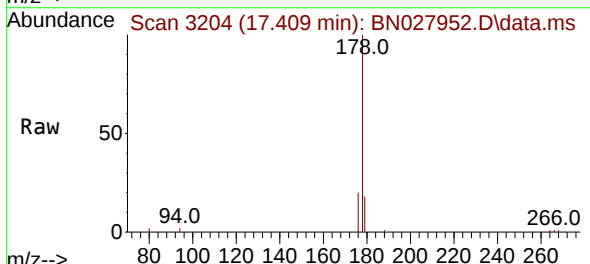
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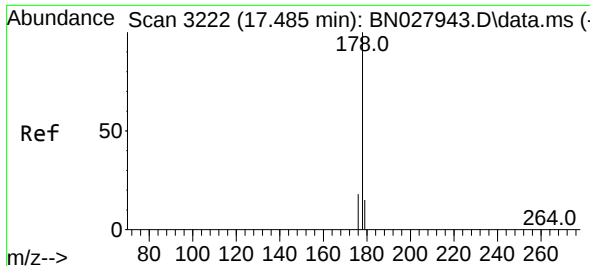
Reviewed By :Yogesh Patel 09/30/2023
Supervised By :mohammad ahmed 09/30/2023



#15
Phenanthrene
Concen: 0.556 ng/u1
RT: 17.409 min Scan# 3204
Delta R.T. 0.013 min
Lab File: BN027952.D
Acq: 29 Sep 2023 07:32

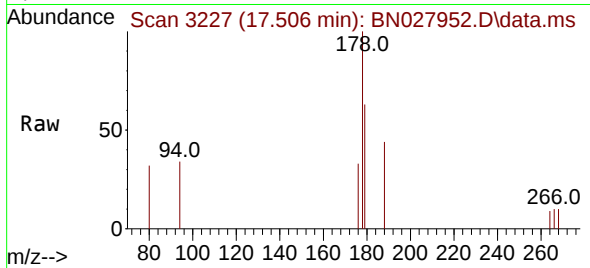
Tgt Ion:178 Resp: 38250
Ion Ratio Lower Upper
178 100
179 18.1 12.4 18.6
176 20.4 16.0 24.0





#16
 Anthracene
 Concen: 0.038 ng/ul
 RT: 17.506 min Scan# 31
 Delta R.T. 0.017 min
 Lab File: BN027952.D
 Acq: 29 Sep 2023 07:32

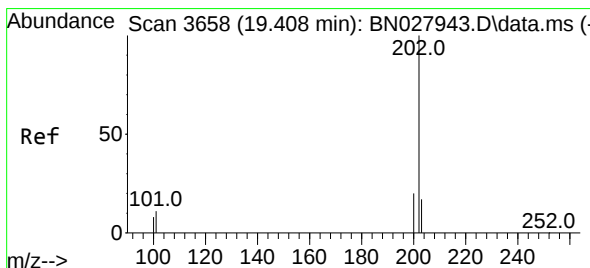
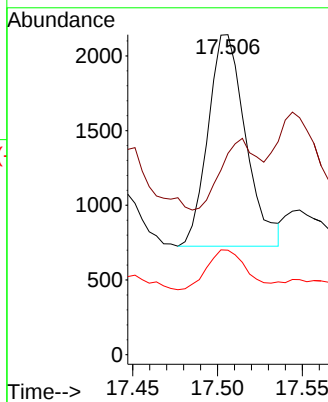
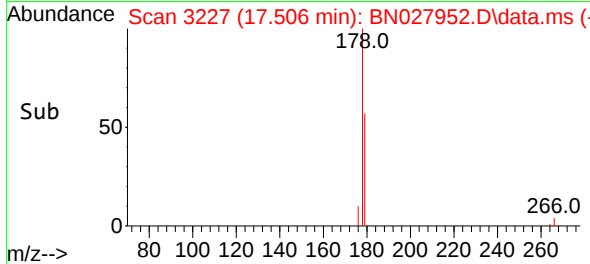
Instrument :
 BNA_N
 ClientSampleId :
 EZYX1DL



Tgt Ion:178 Resp: 2190
 Ion Ratio Lower Upper
 178 100
 179 62.9 12.6 19.0
 176 32.7 15.5 23.3

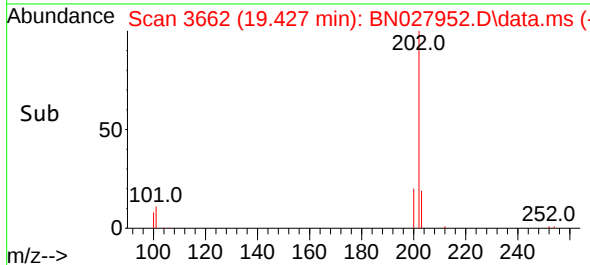
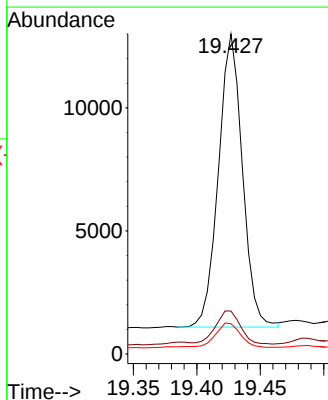
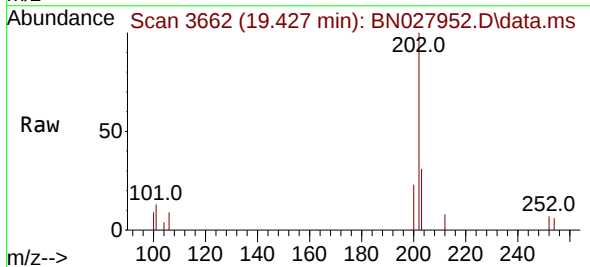
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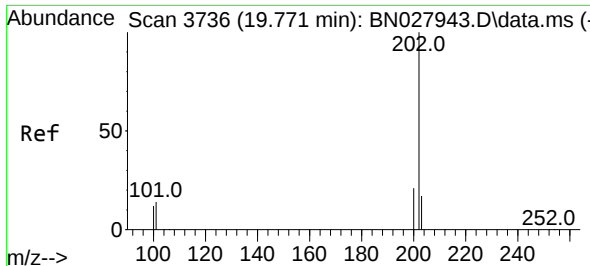
Reviewed By :Yogesh Patel 09/30/2023
 Supervised By :mohammad ahmed 09/30/2023



#19
 Fluoranthene
 Concen: 0.278 ng/ul
 RT: 19.427 min Scan# 3662
 Delta R.T. 0.019 min
 Lab File: BN027952.D
 Acq: 29 Sep 2023 07:32

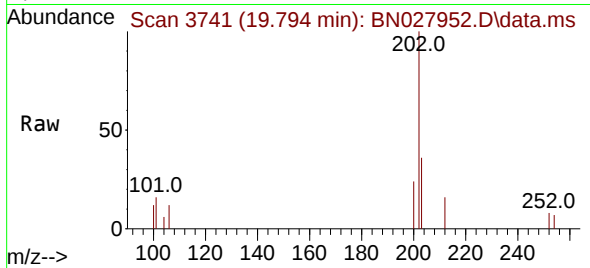
Tgt Ion:202 Resp: 15627
 Ion Ratio Lower Upper
 202 100
 101 13.4 9.3 13.9
 100 9.4 7.0 10.4





#20
Pyrene
Concen: 0.267 ng/u1
RT: 19.794 min Scan# 31
Delta R.T. 0.019 min
Lab File: BN027952.D
Acq: 29 Sep 2023 07:32

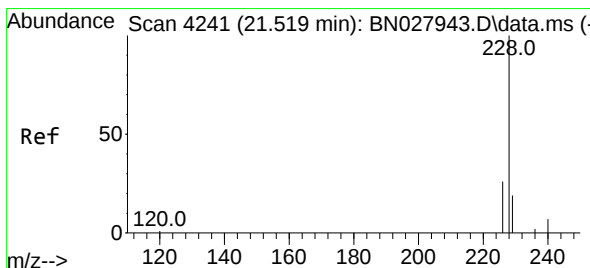
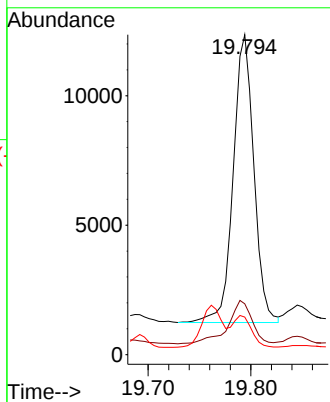
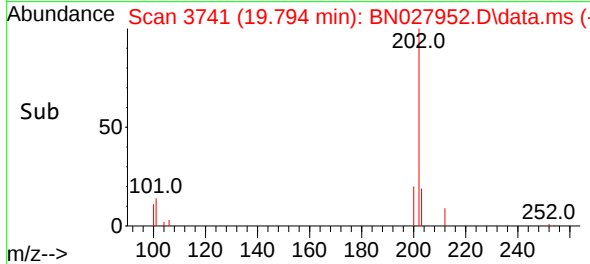
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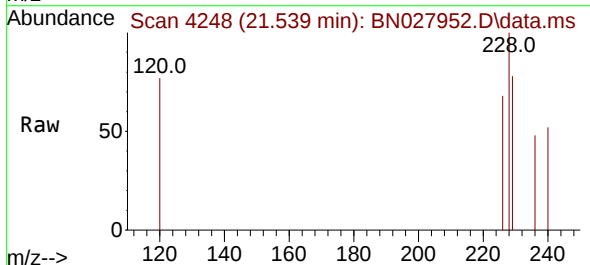
Tgt Ion:202 Resp: 15472
Ion Ratio Lower Upper
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101 15.9 11.4 17.0
100 11.7 9.1 13.7

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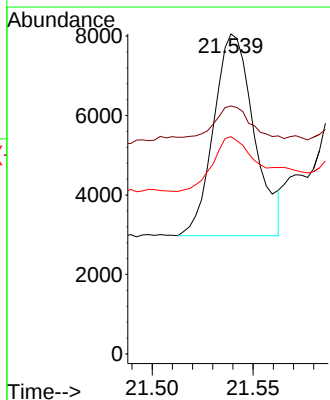
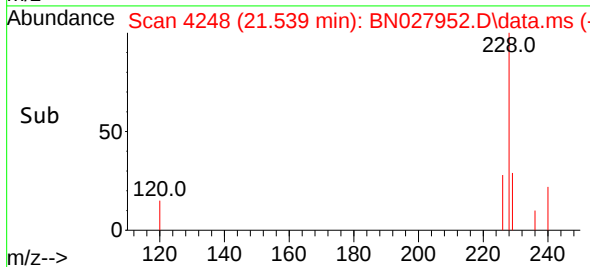
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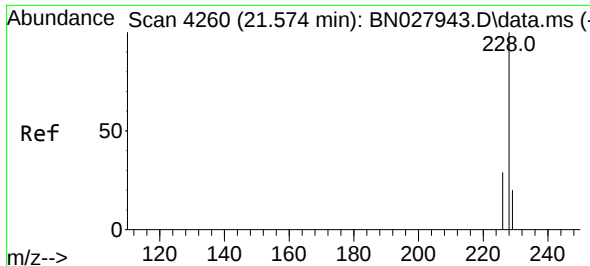


#21
Benzo(a)anthracene
Concen: 0.131 ng/u1
RT: 21.539 min Scan# 4248
Delta R.T. 0.020 min
Lab File: BN027952.D
Acq: 29 Sep 2023 07:32



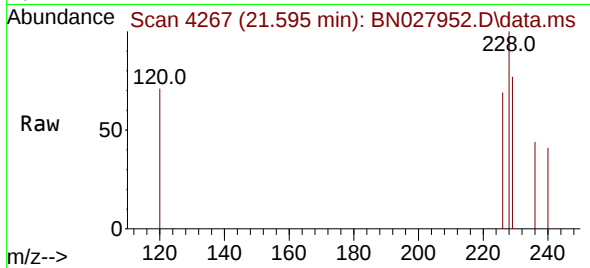
Tgt Ion:228 Resp: 7074
Ion Ratio Lower Upper
228 100
229 77.5 15.8 23.8#
226 67.9 22.0 33.0#





#22
Chrysene
Concen: 0.147 ng/ul
RT: 21.595 min Scan# 41
Delta R.T. 0.020 min
Lab File: BN027952.D
Acq: 29 Sep 2023 07:32

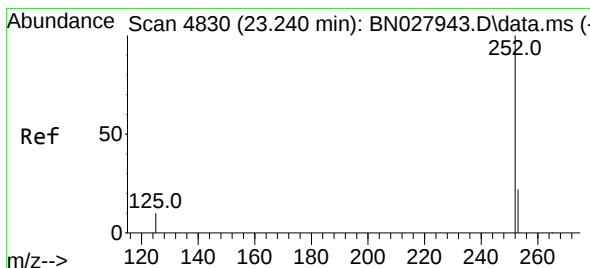
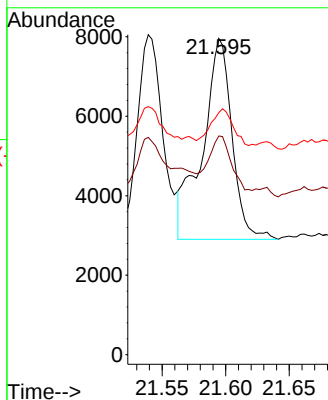
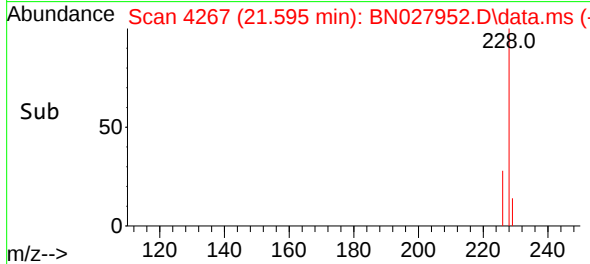
Instrument :
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EZYX1DL



Tgt Ion:228 Resp: 8174
Ion Ratio Lower Upper
228 100
226 69.2 24.5 36.7#
229 76.6 16.0 24.0#

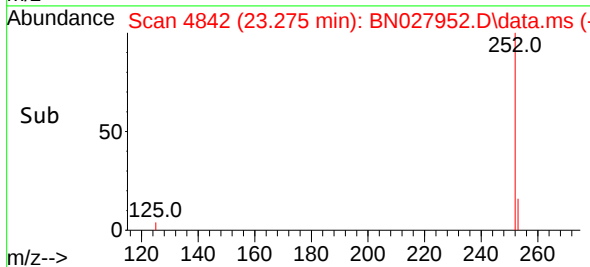
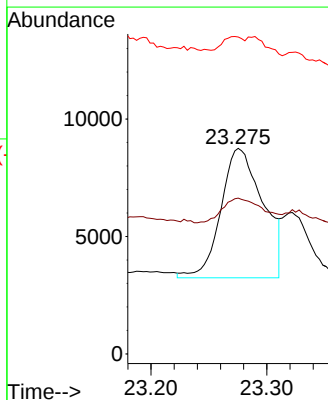
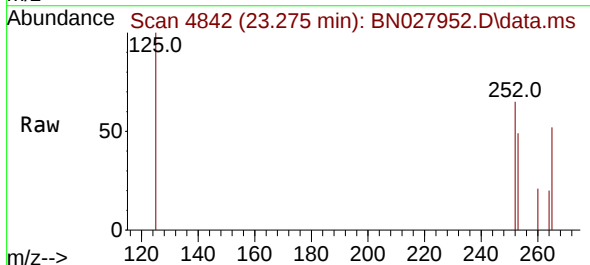
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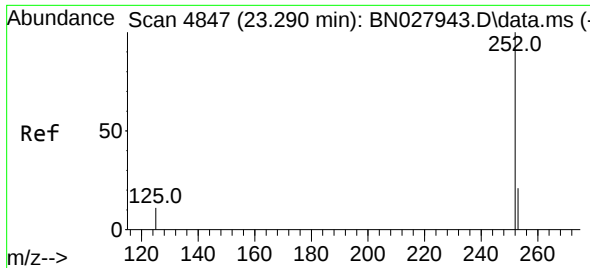
Reviewed By :Yogesh Patel 09/30/2023
Supervised By :mohammad ahmed 09/30/2023



#24
Benzo(b)fluoranthene
Concen: 0.217 ng/ul m
RT: 23.275 min Scan# 4842
Delta R.T. 0.035 min
Lab File: BN027952.D
Acq: 29 Sep 2023 07:32

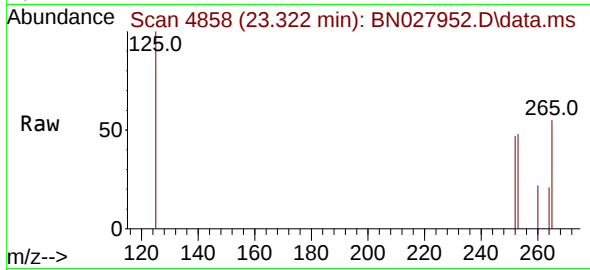
Tgt Ion:252 Resp: 13966
Ion Ratio Lower Upper
252 100
253 75.8 0.0 50.2#
125 154.2 0.0 31.4#





#25
Benzo(k)fluoranthene
Concen: 0.074 ng/ul m
RT: 23.322 min Scan# 4858
Delta R.T. 0.029 min
Lab File: BN027952.D
Acq: 29 Sep 2023 07:32

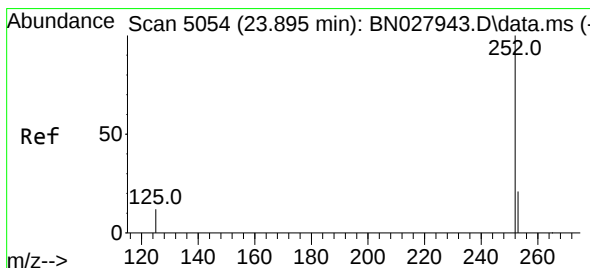
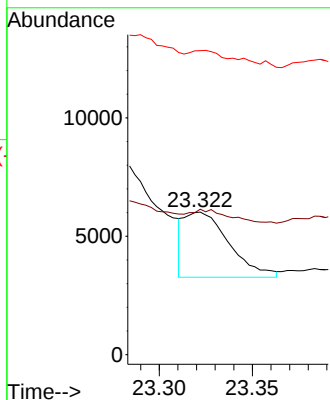
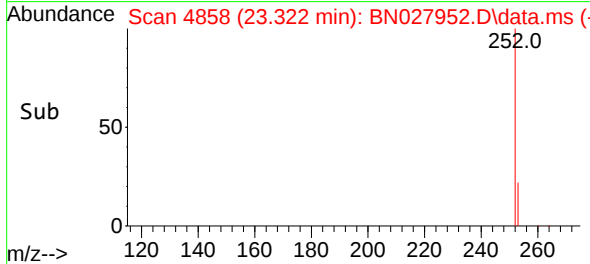
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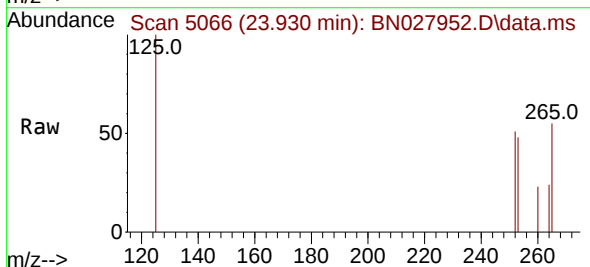
Tgt Ion:252 Resp: 4629
Ion Ratio Lower Upper
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253 102.1 19.9 29.9#
125 213.3 12.6 19.0#

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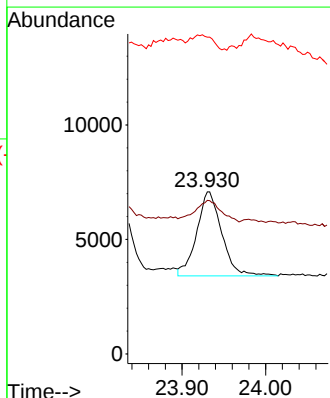
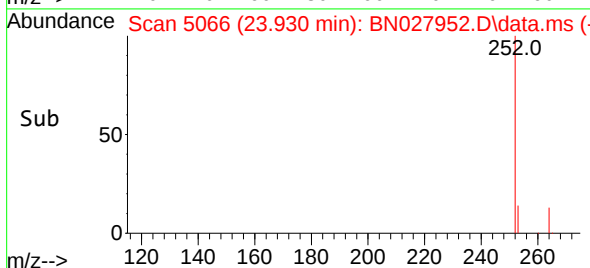
Reviewed By :Yogesh Patel 09/30/2023
Supervised By :mohammad ahmed 09/30/2023

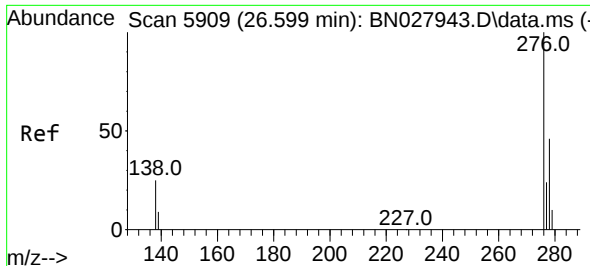


#26
Benzo(a)pyrene
Concen: 0.147 ng/ul
RT: 23.930 min Scan# 5066
Delta R.T. 0.035 min
Lab File: BN027952.D
Acq: 29 Sep 2023 07:32



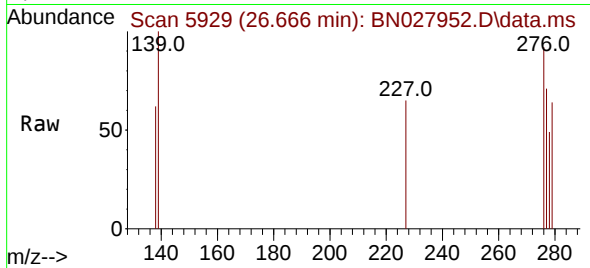
Tgt Ion:252 Resp: 7605
Ion Ratio Lower Upper
252 100
253 94.7 21.9 32.9#
125 195.4 15.5 23.3#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.146 ng/ul
 RT: 26.666 min Scan# 5929
 Delta R.T. 0.067 min
 Lab File: BN027952.D
 Acq: 29 Sep 2023 07:32

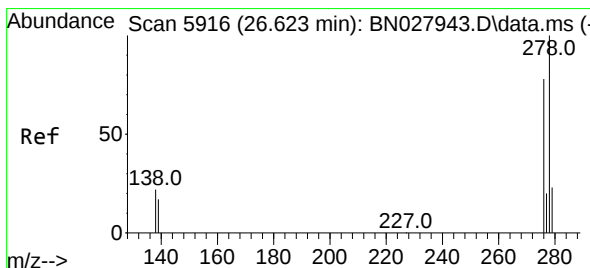
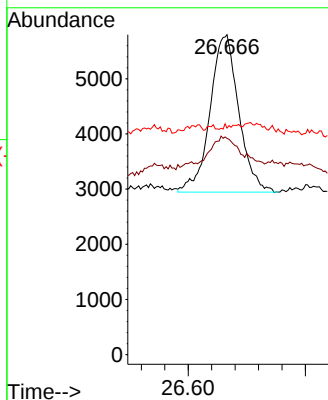
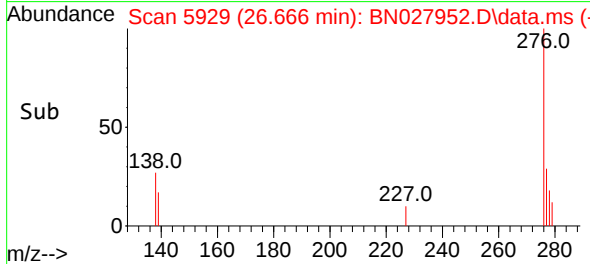
Instrument :
 BNA_N
 ClientSampleId :
 EZYX1DL



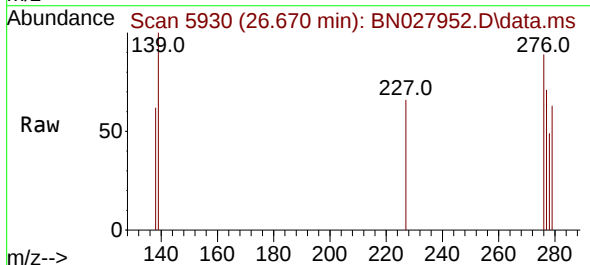
Tgt Ion:276 Resp: 9698
 Ion Ratio Lower Upper
 276 100
 138 33.2 24.3 36.5
 227 0.0 0.0 0.0

Manual Integrations
 APPROVED

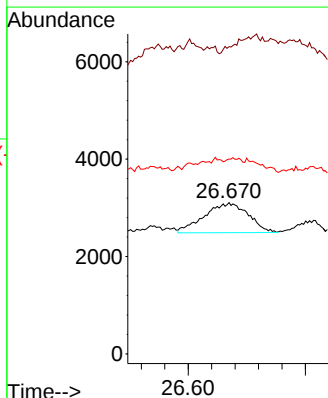
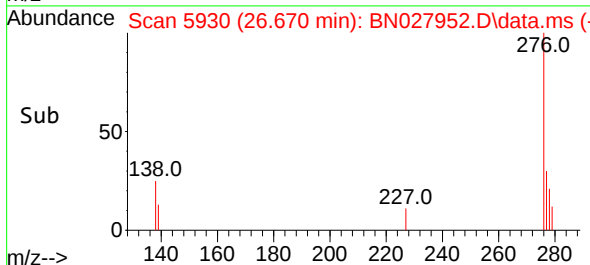
Reviewed By :Yogesh Patel 09/30/2023
 Supervised By :mohammad ahmed 09/30/2023

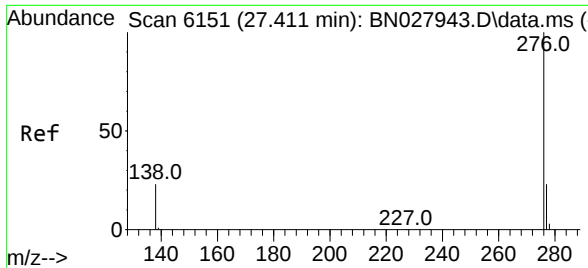


#28
 Dibenzo(a,h)anthracene
 Concen: 0.060 ng/ul
 RT: 26.670 min Scan# 5930
 Delta R.T. 0.047 min
 Lab File: BN027952.D
 Acq: 29 Sep 2023 07:32



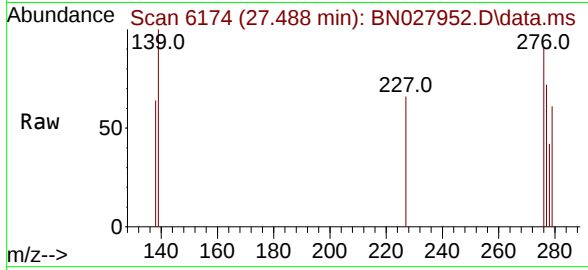
Tgt Ion:278 Resp: 3179
 Ion Ratio Lower Upper
 278 100
 139 203.0 17.2 25.8#
 279 128.7 21.4 32.0#





#29
 Benzo(g,h,i)perylene
 Concen: 0.141 ng/ul
 RT: 27.488 min Scan# 61
 Delta R.T. 0.077 min
 Lab File: BN027952.D
 Acq: 29 Sep 2023 07:32

Instrument :
 BNA_N
 ClientSampleId :
 EZYX1DL



Tgt Ion: 276 Resp: 7950

Ion	Ratio	Lower	Upper
276	100		
138	70.2	21.7	32.5
277	79.1	20.2	30.2

Manual Integrations
 APPROVED

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

