

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092823\
 Data File : BN027955.D
 Acq On : 29 Sep 2023 09:20
 Operator : MA/JU
 Sample : 04417-33DL 5X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYN2DL

Manual Integrations
 APPROVED

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

Quant Time: Sep 29 10:47:32 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	5041	0.400	ng/ul	0.00
4) Naphthalene-d8	10.784	136	18251	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.610	164	10645	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.363	188	22004	0.400	ng/ul	0.00
17) Chrysene-d12	21.554	240	14058	0.400	ng/ul	# 0.02
23) Perylene-d12	24.038	264	14622	0.400	ng/ul	# 0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	6200	0.976	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.368	152	2489	0.090	ng/ul	0.00
18) Fluoranthene-d10	19.390	212	4741	0.110	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.834	128	12223	0.234	ng/ul	98
7) 2-Methylnaphthalene	12.440	142	11258	0.340	ng/ul	99
8) 1-Methylnaphthalene	12.660	142	4484	0.131	ng/ul	99
10) Acenaphthylene	14.337	152	4955	0.107	ng/ul#	90
11) Acenaphthene	14.671	153	4777	0.119	ng/ul	100
12) Fluorene	15.661	166	2396	0.051	ng/ul#	88
15) Phenanthrene	17.409	178	51550	0.746	ng/ul	98
16) Anthracene	17.498	178	13403	0.232	ng/ul#	95
19) Fluoranthene	19.422	202	137717	2.423	ng/ul	99
20) Pyrene	19.789	202	141708m	2.420	ng/ul	
21) Benzo(a)anthracene	21.533	228	103541	1.903	ng/ul#	94
22) Chrysene	21.592	228	123484	2.197	ng/ul#	93
24) Benzo(b)fluoranthene	23.267	252	206857m	3.174	ng/ul	
25) Benzo(k)fluoranthene	23.316	252	74674m	1.182	ng/ul	
26) Benzo(a)pyrene	23.927	252	155384	2.964	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.650	276	134604	2.004	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.666	278	32660	0.604	ng/ul#	51
29) Benzo(g,h,i)perylene	27.478	276	128100	2.246	ng/ul	96

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

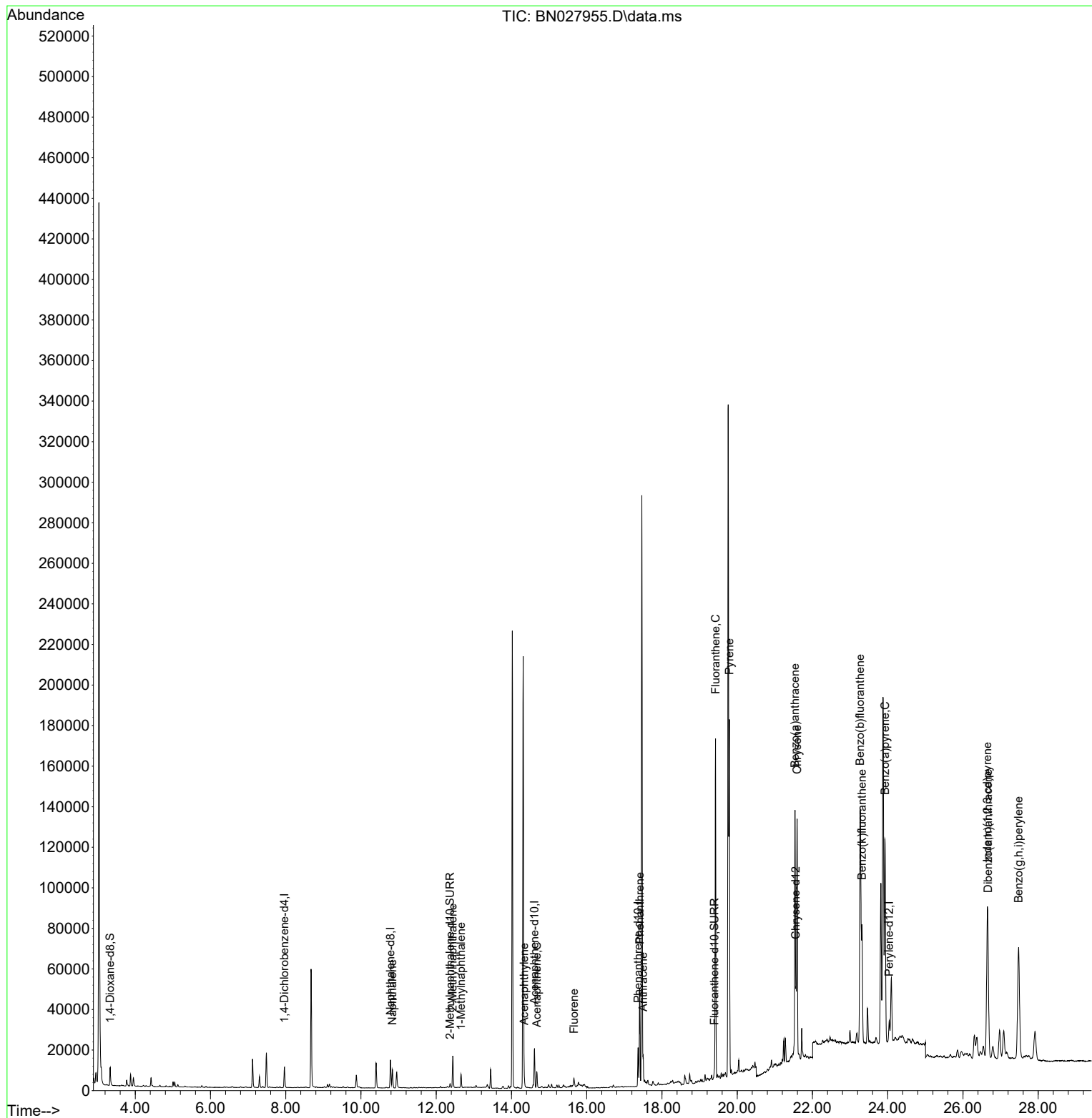
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092823\
Data File : BN027955.D
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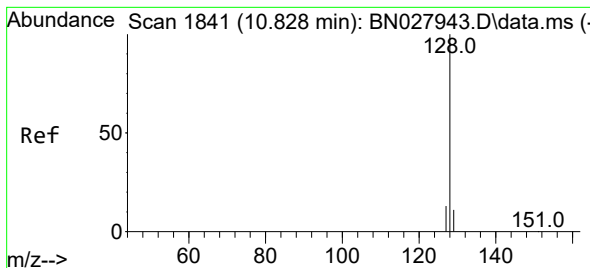
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#5

Naphthalene

Concen: 0.234 ng/ul

RT: 10.834 min Scan# 1842

Delta R.T. 0.000 min

Lab File: BN027955.D

Acq: 29 Sep 2023 09:20

Instrument :

BNA_N

ClientSampleId :

EZYN2DL

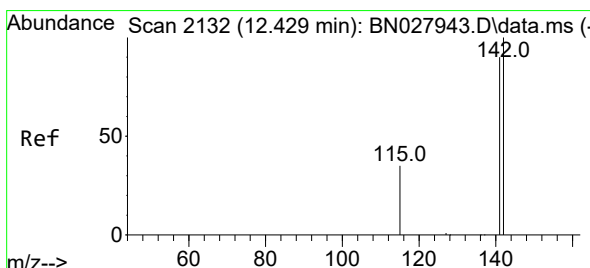
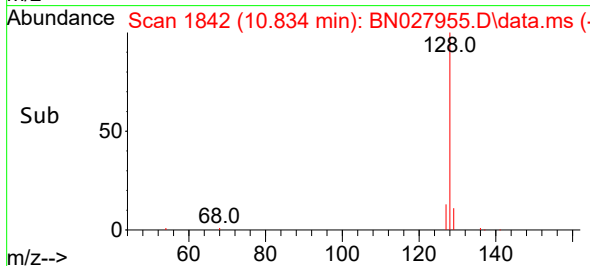
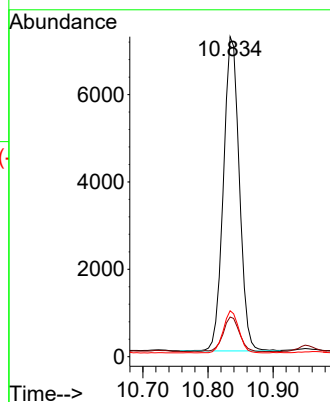
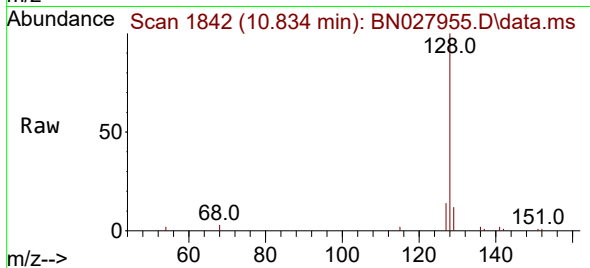
Tgt Ion:128	Resp:	1222
Ion Ratio	Lower	Upper
128	100	
129	12.4	9.3 13.9
127	14.3	10.7 16.1

Manual Integrations

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Supervised By :mohammad ahmed 09/30/2023



#7

2-Methylnaphthalene

Concen: 0.340 ng/ul

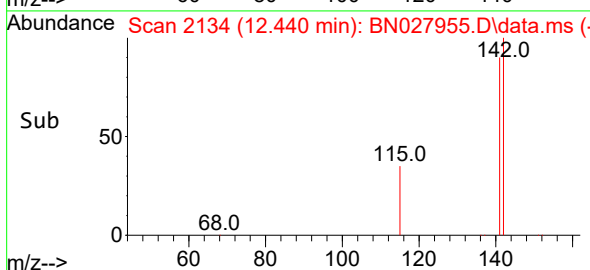
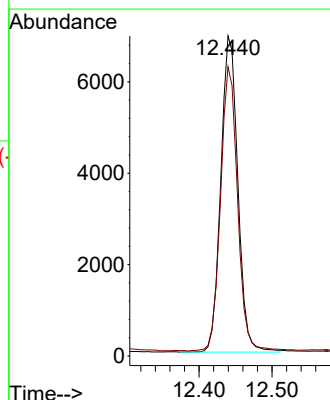
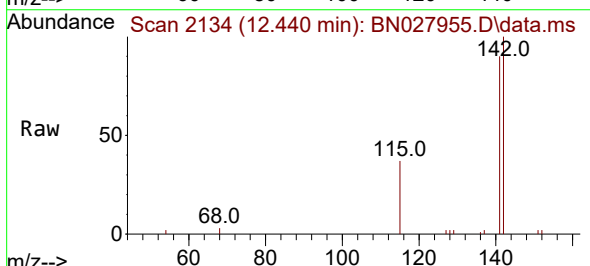
RT: 12.440 min Scan# 2134

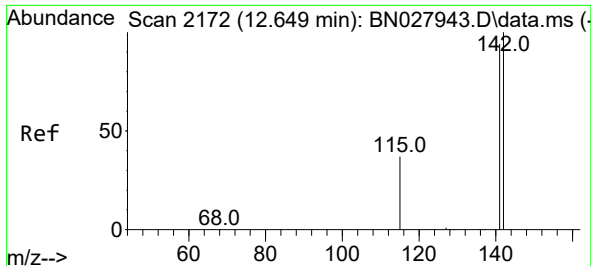
Delta R.T. 0.006 min

Lab File: BN027955.D

Acq: 29 Sep 2023 09:20

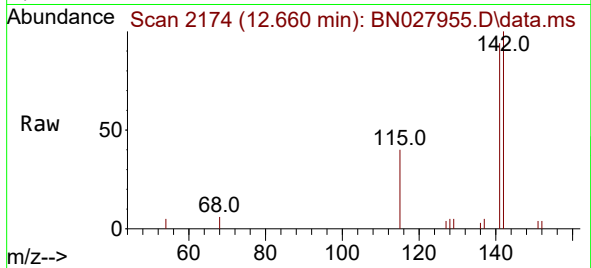
Tgt Ion:142	Resp:	11258
Ion Ratio	Lower	Upper
142	100	
141	89.5	71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.131 ng/ul
RT: 12.660 min Scan# 2172
Delta R.T. 0.006 min
Lab File: BN027955.D
Acq: 29 Sep 2023 09:20

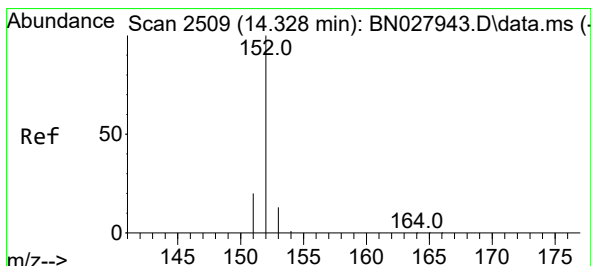
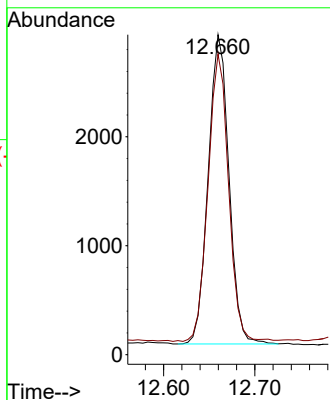
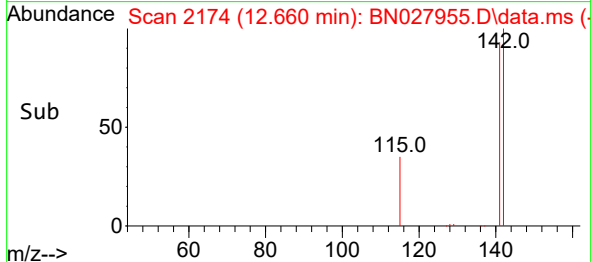
Instrument :
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Tgt Ion:142 Resp: 4484
Ion Ratio Lower Upper
142 100
141 92.0 72.8 109.2

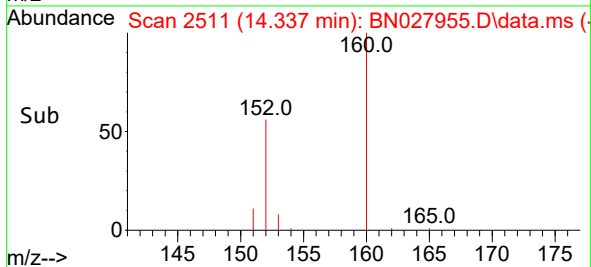
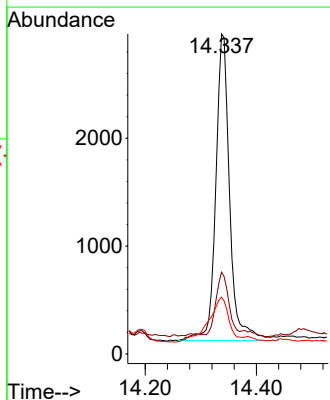
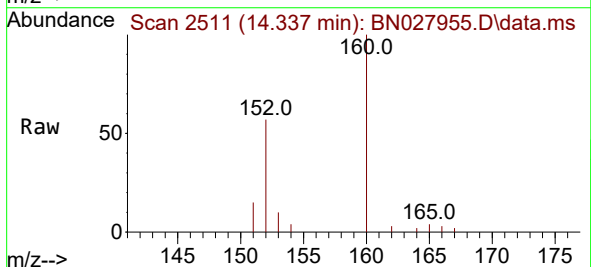
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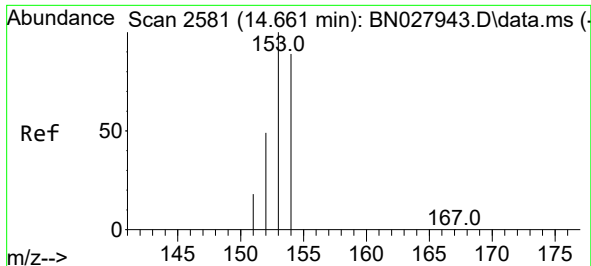
Reviewed By :Yogesh Patel 09/30/2023
Supervised By :mohammad ahmed 09/30/2023



#10
Acenaphthylene
Concen: 0.107 ng/ul
RT: 14.337 min Scan# 2511
Delta R.T. 0.005 min
Lab File: BN027955.D
Acq: 29 Sep 2023 09:20

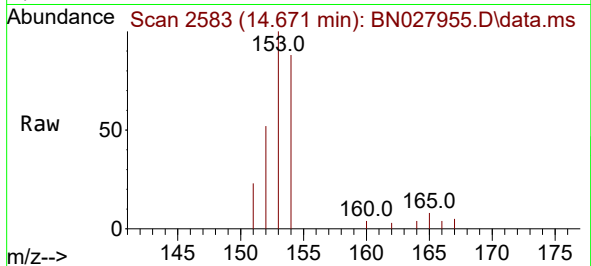
Tgt Ion:152 Resp: 4955
Ion Ratio Lower Upper
152 100
151 25.5 16.6 25.0#
153 17.8 11.0 16.6#





#11
Acenaphthene
Concen: 0.119 ng/ul
RT: 14.671 min Scan# 21
Delta R.T. 0.005 min
Lab File: BN027955.D
Acq: 29 Sep 2023 09:20

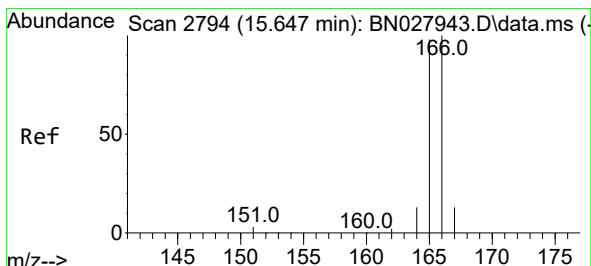
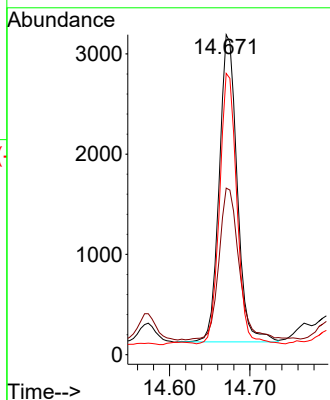
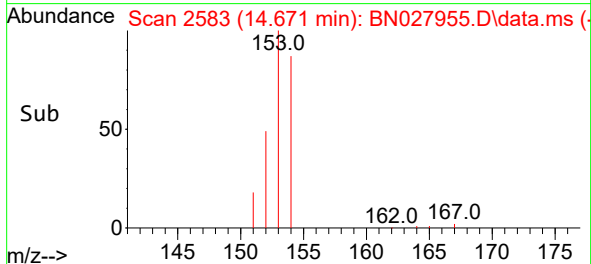
Instrument :
BNA_N
ClientSampleId :
EZYN2DL



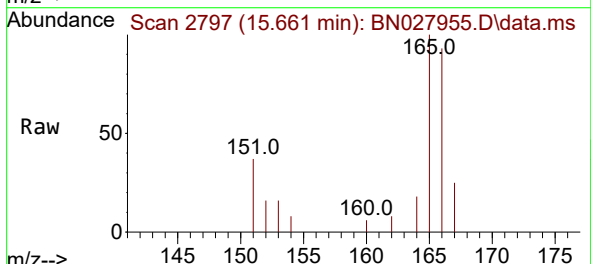
Tgt Ion:153 Resp: 477
Ion Ratio Lower Upper
153 100
152 52.1 41.7 62.5
154 87.9 70.3 105.5

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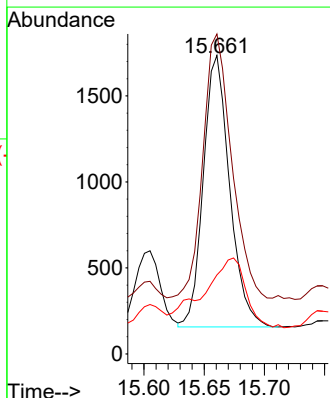
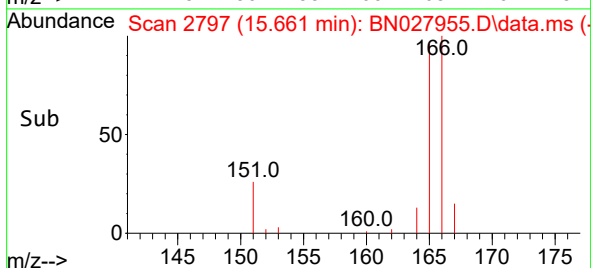
Reviewed By :Yogesh Patel 09/30/2023
Supervised By :mohammad ahmed 09/30/2023

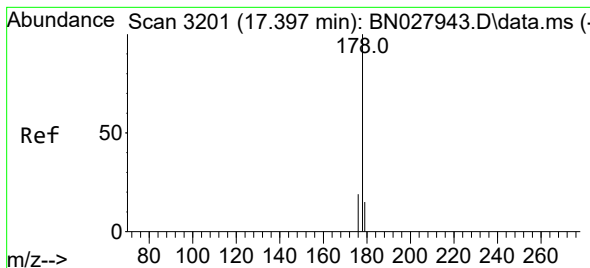


#12
Fluorene
Concen: 0.051 ng/ul
RT: 15.661 min Scan# 2797
Delta R.T. 0.009 min
Lab File: BN027955.D
Acq: 29 Sep 2023 09:20



Tgt Ion:166 Resp: 2396
Ion Ratio Lower Upper
166 100
165 107.2 78.0 117.0
167 26.5 11.4 17.2#





#15

Phenanthrene

Concen: 0.746 ng/u1

RT: 17.409 min Scan# 3204

Delta R.T. 0.013 min

Lab File: BN027955.D

Acq: 29 Sep 2023 09:20

Instrument :

BNA_N

ClientSampleId :

EZYN2DL

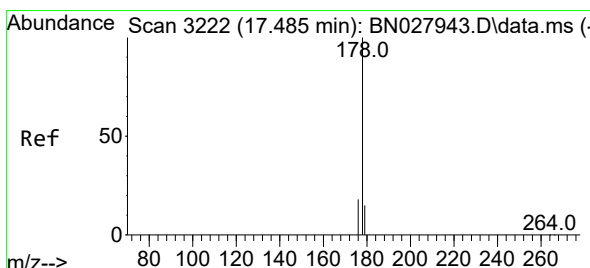
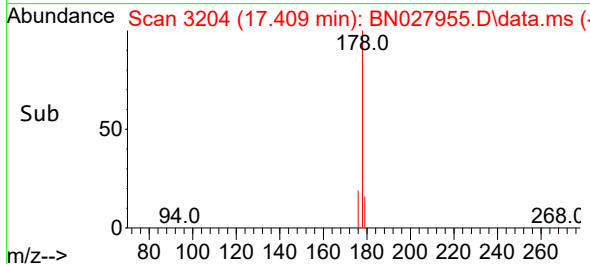
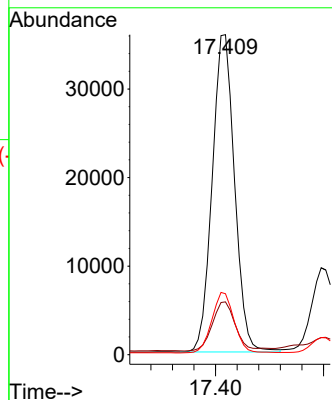
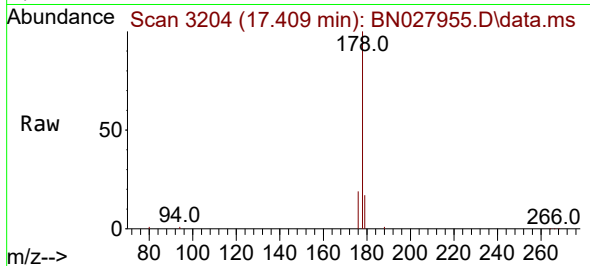
Tgt Ion:178	Resp:	51550
Ion Ratio	Lower	Upper
178	100	
179	16.5	12.4 18.6
176	19.1	16.0 24.0

Manual Integrations

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Reviewed By :Yogesh Patel 09/30/2023

Supervised By :mohammad ahmed 09/30/2023



#16

Anthracene

Concen: 0.232 ng/u1

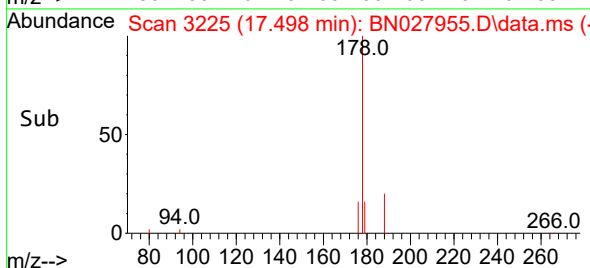
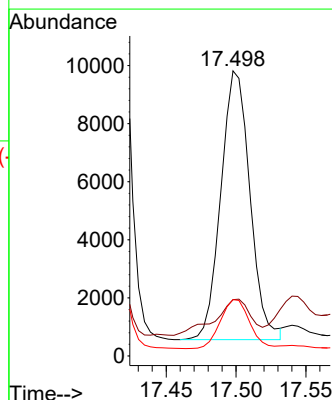
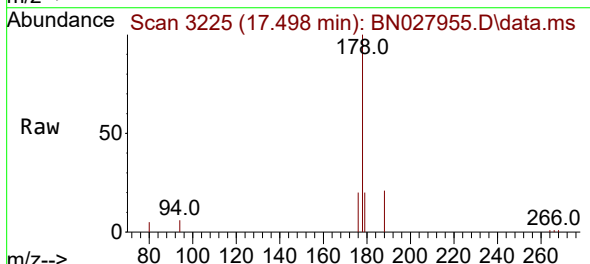
RT: 17.498 min Scan# 3225

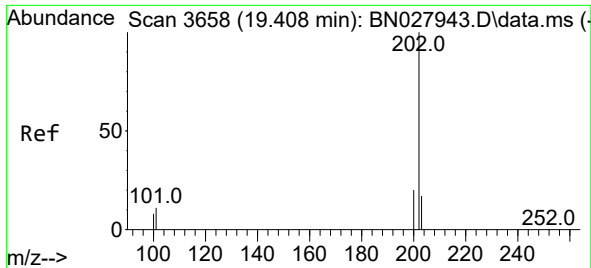
Delta R.T. 0.009 min

Lab File: BN027955.D

Acq: 29 Sep 2023 09:20

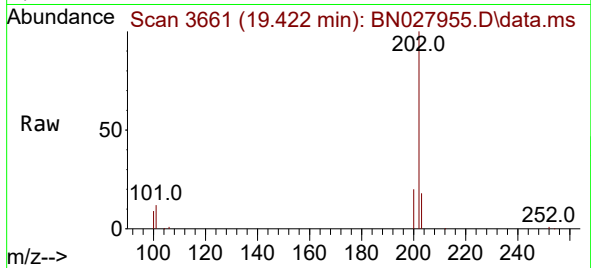
Tgt Ion:178	Resp:	13403
Ion Ratio	Lower	Upper
178	100	
179	19.8	12.6 19.0#
176	19.7	15.5 23.3





#19
Fluoranthene
Concen: 2.423 ng/ul
RT: 19.422 min Scan# 3661
Delta R.T. 0.014 min
Lab File: BN027955.D
Acq: 29 Sep 2023 09:20

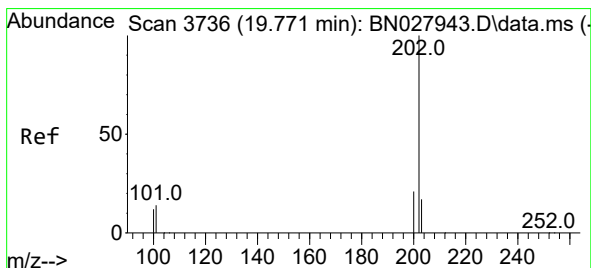
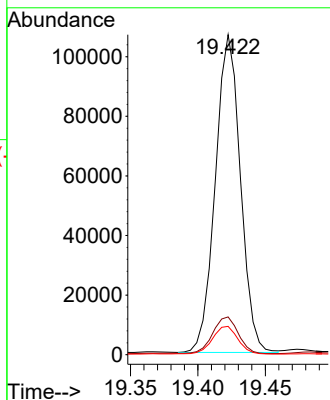
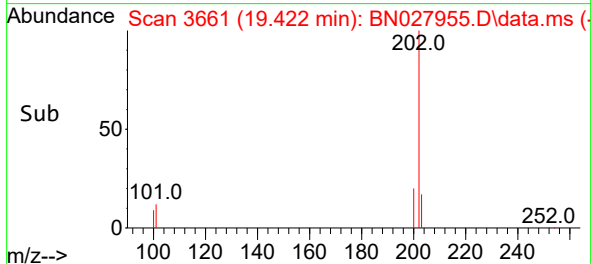
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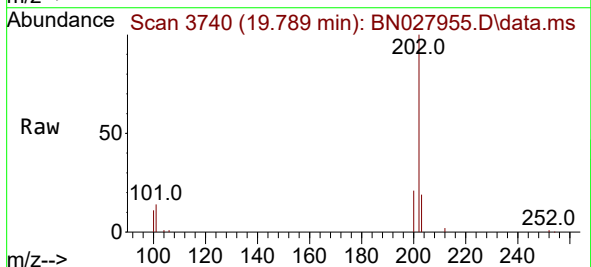
Tgt Ion:202 Resp: 13771
Ion Ratio Lower Upper
202 100
101 11.8 9.3 13.9
100 8.9 7.0 10.4

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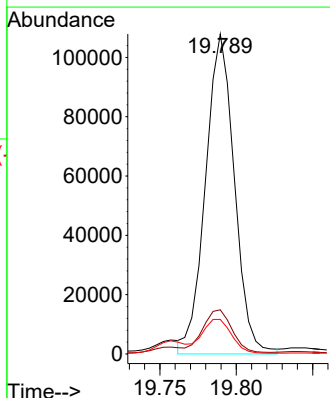
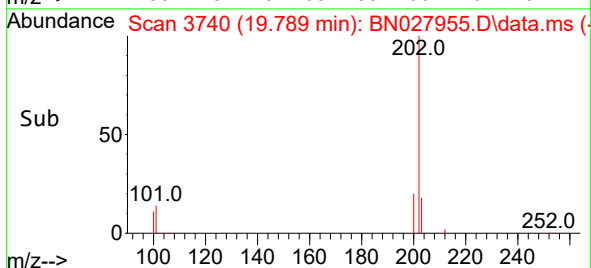
Reviewed By :Yogesh Patel 09/30/2023
Supervised By :mohammad ahmed 09/30/2023

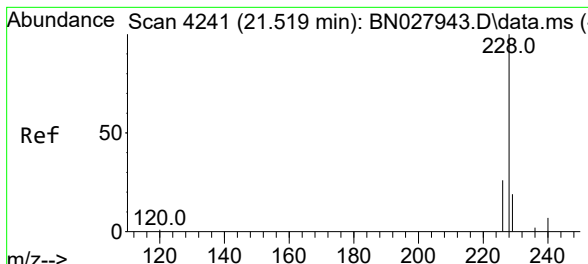


#20
Pyrene
Concen: 2.420 ng/ul m
RT: 19.789 min Scan# 3740
Delta R.T. 0.014 min
Lab File: BN027955.D
Acq: 29 Sep 2023 09:20



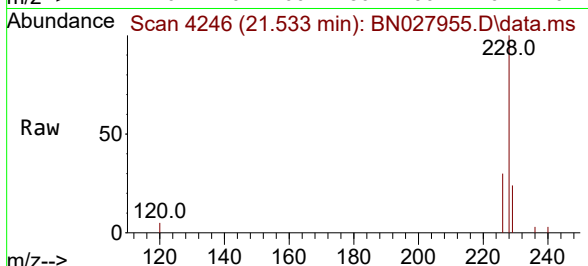
Tgt Ion:202 Resp: 141708
Ion Ratio Lower Upper
202 100
101 13.8 11.4 17.0
100 10.8 9.1 13.7





#21
 Benzo(a)anthracene
 Concen: 1.903 ng/ul
 RT: 21.533 min Scan# 4241
 Delta R.T. 0.015 min
 Lab File: BN027955.D
 Acq: 29 Sep 2023 09:20

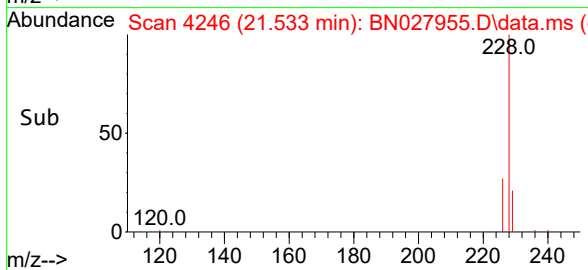
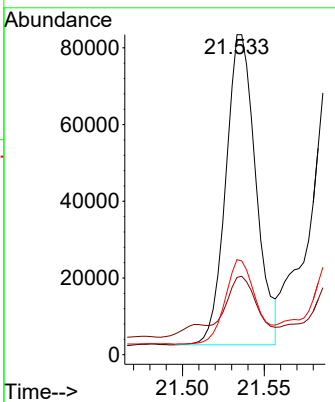
Instrument :
 BNA_N
 ClientSampleId :
 EZYN2DL



Tgt Ion:228 Resp: 10354
 Ion Ratio Lower Upper
 228 100
 229 24.1 15.8 23.8
 226 29.7 22.0 33.0

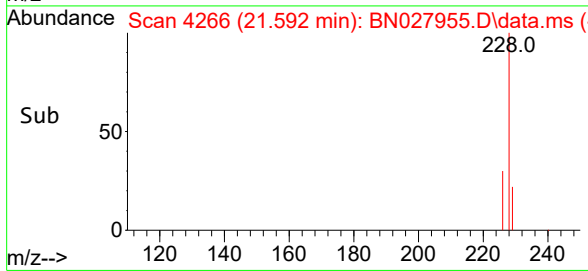
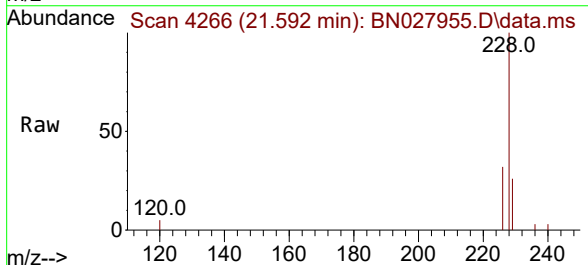
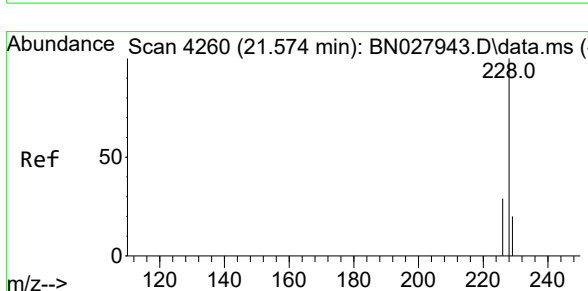
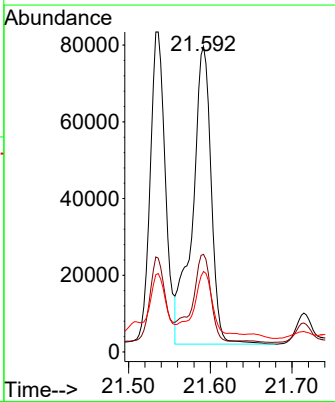
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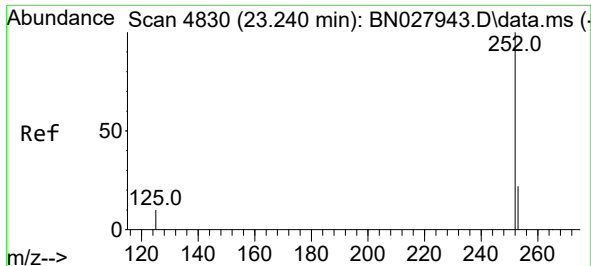
Reviewed By :Yogesh Patel 09/30/2023
 Supervised By :mohammad ahmed 09/30/2023



#22
 Chrysene
 Concen: 2.197 ng/ul
 RT: 21.592 min Scan# 4266
 Delta R.T. 0.018 min
 Lab File: BN027955.D
 Acq: 29 Sep 2023 09:20

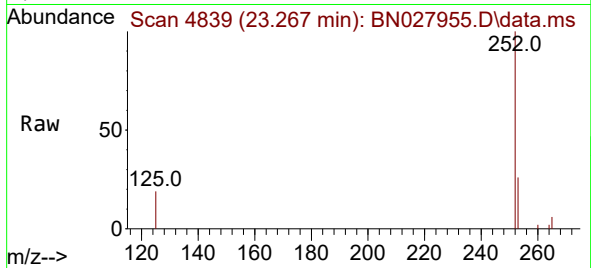
Tgt Ion:228 Resp: 123484
 Ion Ratio Lower Upper
 228 100
 226 31.9 24.5 36.7
 229 26.3 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 3.174 ng/ul m
RT: 23.267 min Scan# 4839
Delta R.T. 0.026 min
Lab File: BN027955.D
Acq: 29 Sep 2023 09:20

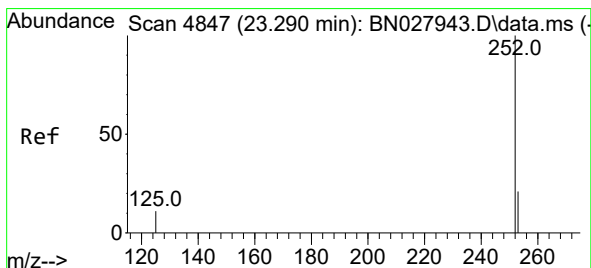
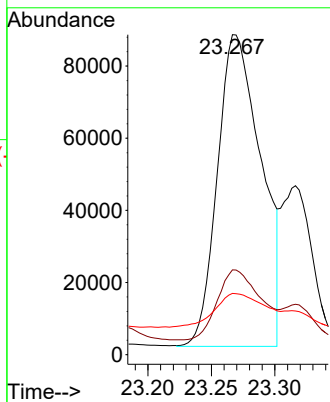
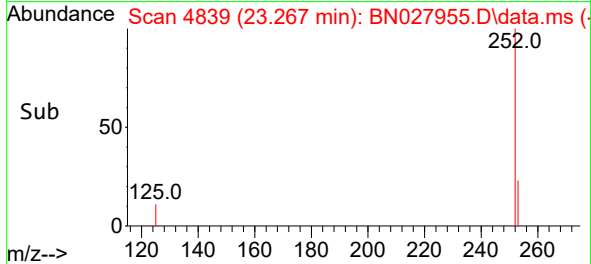
Instrument :
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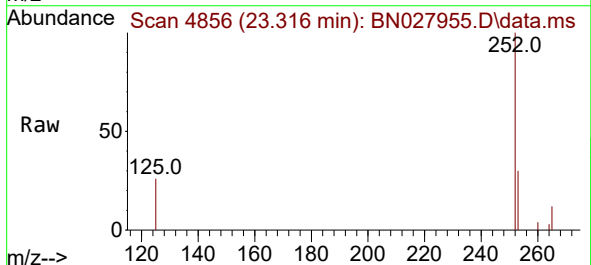
Tgt Ion:252 Resp: 20685
Ion Ratio Lower Upper
252 100
253 26.5 0.0 50.2
125 19.1 0.0 31.4

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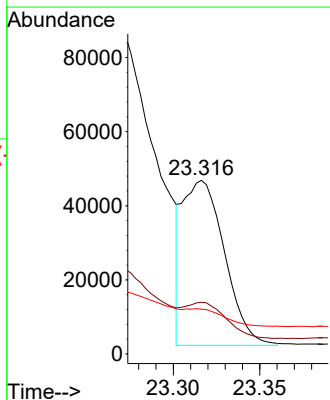
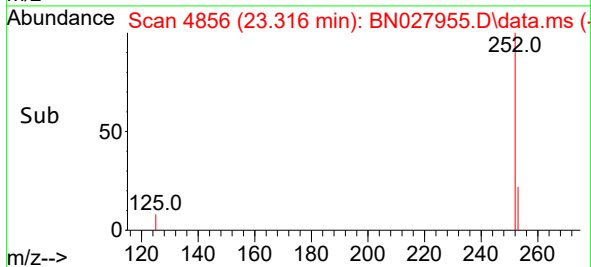
Reviewed By :Yogesh Patel 09/30/2023
Supervised By :mohammad ahmed 09/30/2023

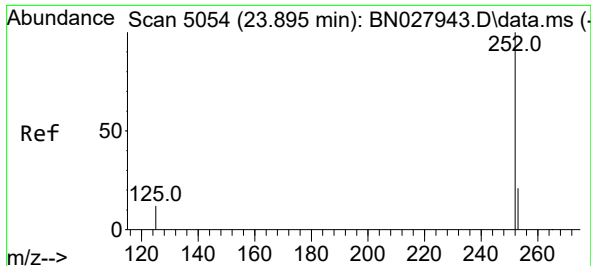


#25
Benzo(k)fluoranthene
Concen: 1.182 ng/ul m
RT: 23.316 min Scan# 4856
Delta R.T. 0.023 min
Lab File: BN027955.D
Acq: 29 Sep 2023 09:20



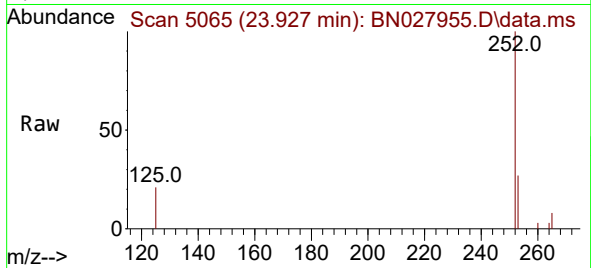
Tgt Ion:252 Resp: 74674
Ion Ratio Lower Upper
252 100
253 29.8 19.9 29.9
125 25.8 12.6 19.0#





#26
Benzo(a)pyrene
Concen: 2.964 ng/ul
RT: 23.927 min Scan# 5054
Delta R.T. 0.032 min
Lab File: BN027955.D
Acq: 29 Sep 2023 09:20

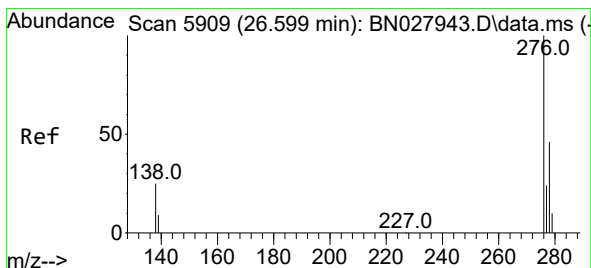
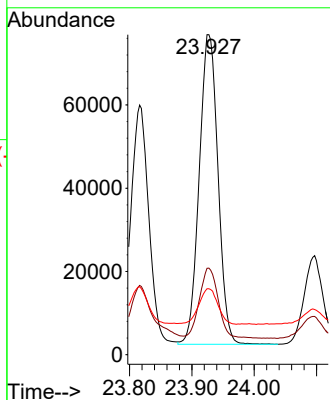
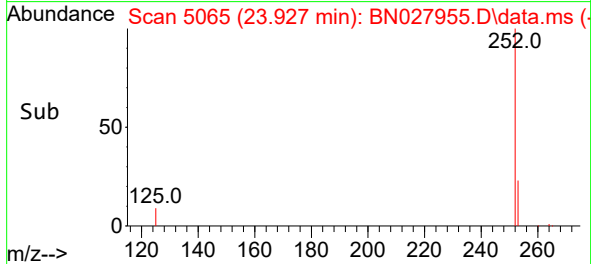
Instrument :
BNA_N
ClientSampleId :
EZY2DL



Tgt Ion:252 Resp: 155384
Ion Ratio Lower Upper
252 100
253 27.1 21.9 32.9
125 20.6 15.5 23.3

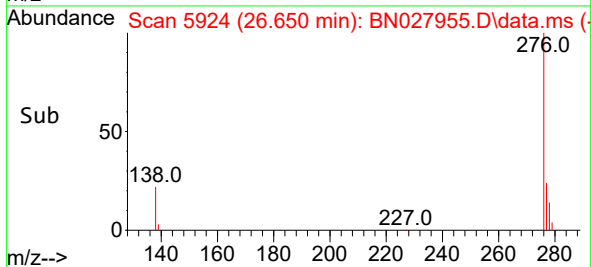
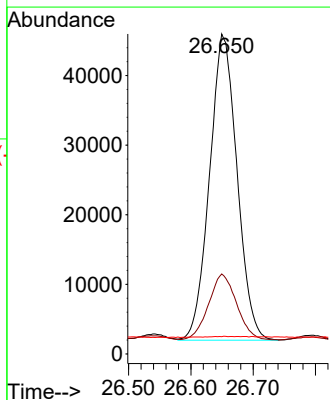
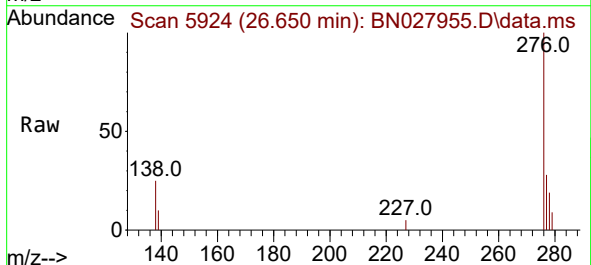
Manual Integrations
APPROVED

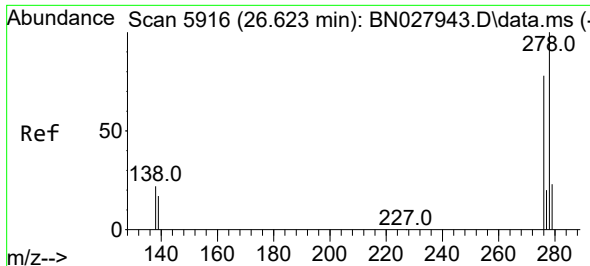
Reviewed By :Yogesh Patel 09/30/2023
Supervised By :mohammad ahmed 09/30/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.004 ng/ul
RT: 26.650 min Scan# 5924
Delta R.T. 0.050 min
Lab File: BN027955.D
Acq: 29 Sep 2023 09:20

Tgt Ion:276 Resp: 134604
Ion Ratio Lower Upper
276 100
138 21.8 24.3 36.5#
227 0.1 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.604 ng/ul

RT: 26.666 min Scan# 5916

Delta R.T. 0.044 min

Lab File: BN027955.D

Acq: 29 Sep 2023 09:20

Instrument :

BNA_N

ClientSampleId :

EZYN2DL

Tgt Ion:278 Resp: 32660

Ion Ratio Lower Upper

278 100

139 49.7 17.2 25.8

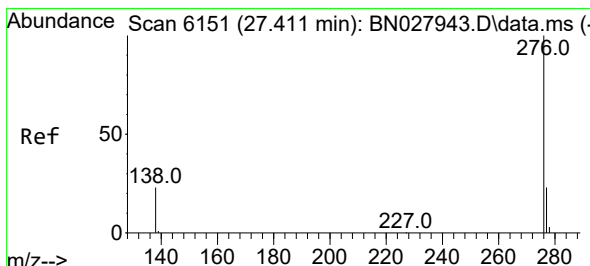
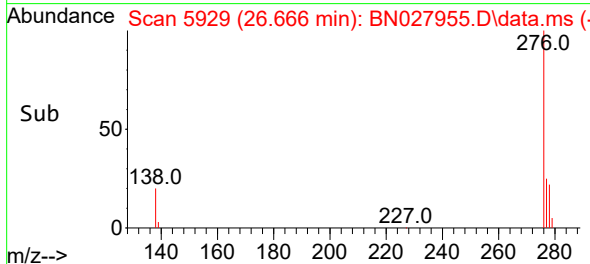
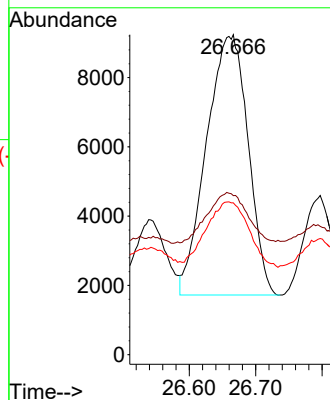
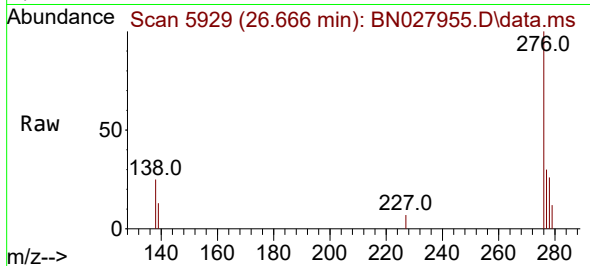
279 47.5 21.4 32.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/30/2023

Supervised By :mohammad ahmed 09/30/2023



#29

Benzo(g,h,i)perylene

Concen: 2.246 ng/ul

RT: 27.478 min Scan# 6171

Delta R.T. 0.067 min

Lab File: BN027955.D

Acq: 29 Sep 2023 09:20

Tgt Ion:276 Resp: 128100

Ion Ratio Lower Upper

276 100

138 26.5 21.7 32.5

277 29.2 20.2 30.2

