

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092823\
 Data File : BN027954.D
 Acq On : 29 Sep 2023 08:44
 Operator : MA/JU
 Sample : 04417-32DL 5X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYN1DL

Manual Integrations
 APPROVED

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

Quant Time: Sep 29 09:12:39 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	5532	0.400	ng/ul	0.00
4) Naphthalene-d8	10.784	136	19955	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.610	164	11764	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.367	188	23543	0.400	ng/ul	# 0.01
17) Chrysene-d12	21.557	240	14769	0.400	ng/ul	# 0.02
23) Perylene-d12	24.044	264	15093	0.400	ng/ul	# 0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	6867	0.985	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.368	152	2751	0.091	ng/ul	0.00
18) Fluoranthene-d10	19.394	212	4813	0.107	ng/ul	0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.834	128	13515	0.237	ng/ul	98
7) 2-Methylnaphthalene	12.440	142	12375	0.342	ng/ul	100
8) 1-Methylnaphthalene	12.660	142	8201	0.220	ng/ul	99
10) Acenaphthylene	14.337	152	2254	0.044	ng/ul#	75
11) Acenaphthene	14.675	153	1676	0.038	ng/ul	92
12) Fluorene	15.661	166	1265	0.024	ng/ul#	72
15) Phenanthrene	17.409	178	27111	0.366	ng/ul#	95
16) Anthracene	17.498	178	6405	0.103	ng/ul#	74
19) Fluoranthene	19.422	202	28171	0.472	ng/ul	96
20) Pyrene	19.789	202	26754m	0.435	ng/ul	
21) Benzo(a)anthracene	21.539	228	16283	0.285	ng/ul#	49
22) Chrysene	21.595	228	22924m	0.388	ng/ul	
24) Benzo(b)fluoranthene	23.272	252	36024m	0.535	ng/ul	
25) Benzo(k)fluoranthene	23.319	252	10717m	0.164	ng/ul	
26) Benzo(a)pyrene	23.933	252	20964	0.387	ng/ul#	6
27) Indeno(1,2,3-cd)pyrene	26.663	276	22014	0.318	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.670	278	6282	0.113	ng/ul#	1
29) Benzo(g,h,i)perylene	27.485	276	30925	0.525	ng/ul#	68

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

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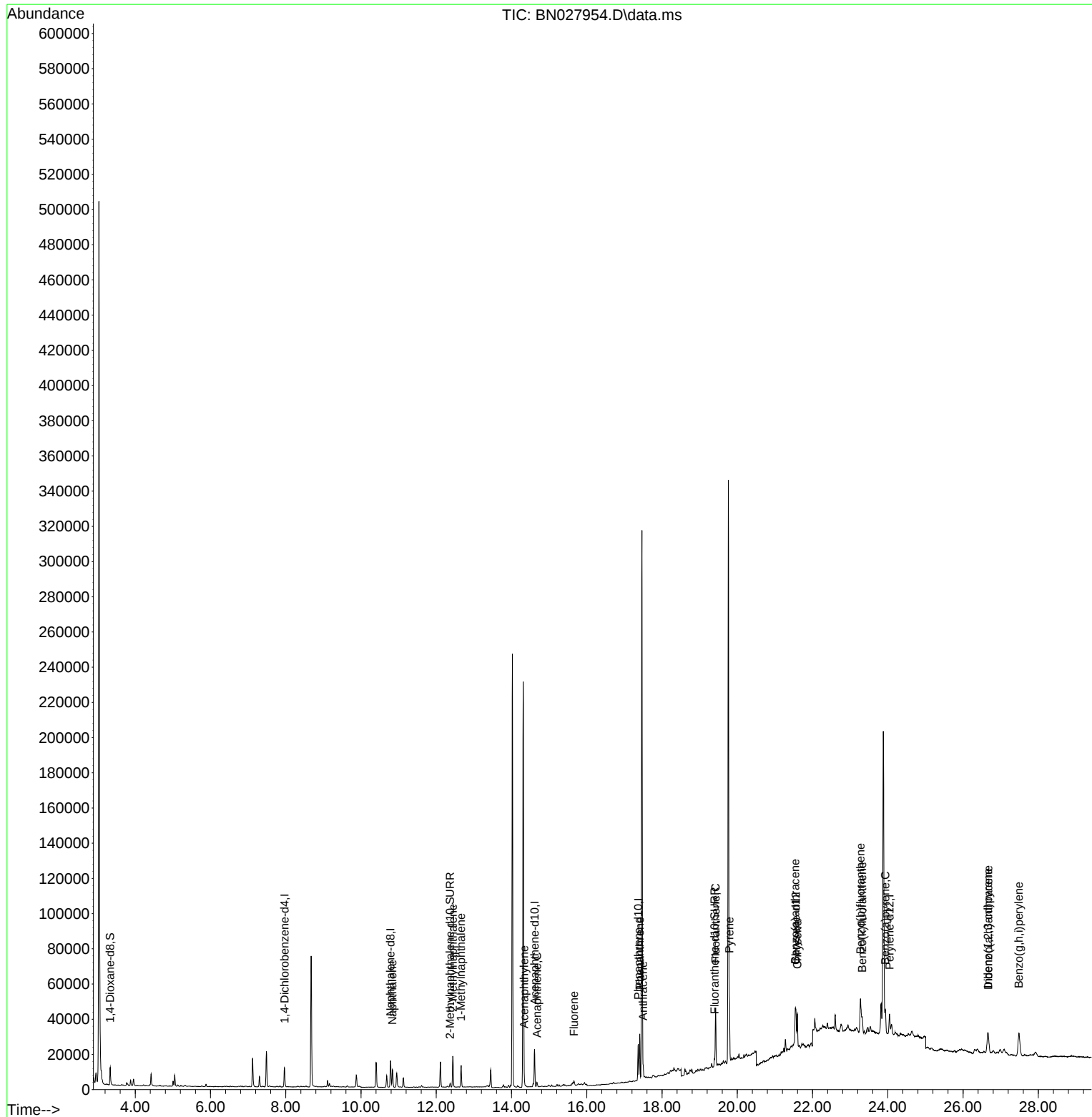
Quant Time: Sep 29 09:12:39 2023

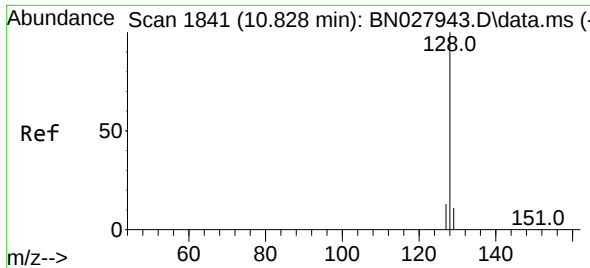
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Sep 27 03:52:19 2023

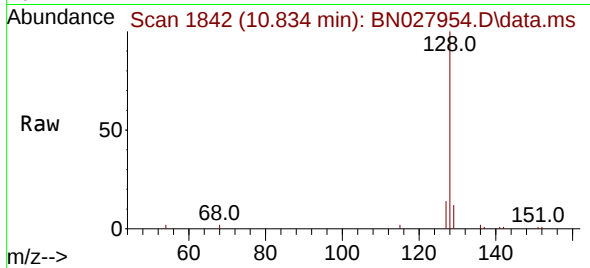
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.237 ng/ul
RT: 10.834 min Scan# 1841
Delta R.T. 0.000 min
Lab File: BN027954.D
Acq: 29 Sep 2023 08:44

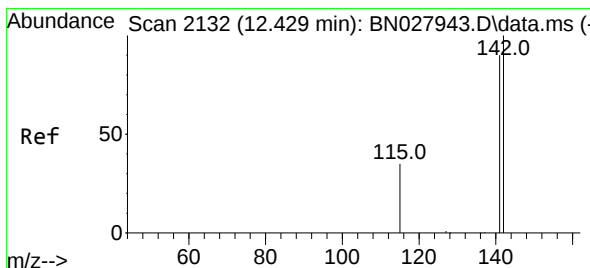
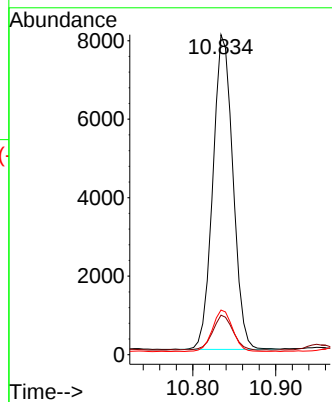
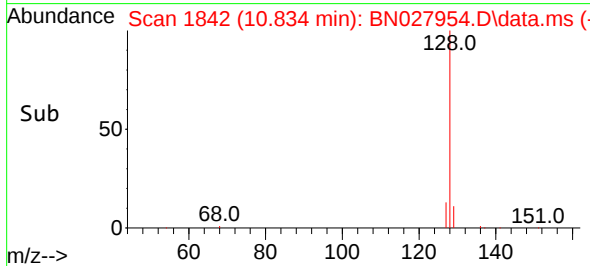
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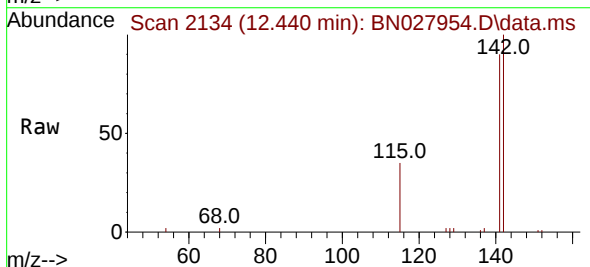
Tgt Ion:128 Resp: 1351
Ion Ratio Lower Upper
128 100
129 12.3 9.3 13.9
127 13.9 10.7 16.1

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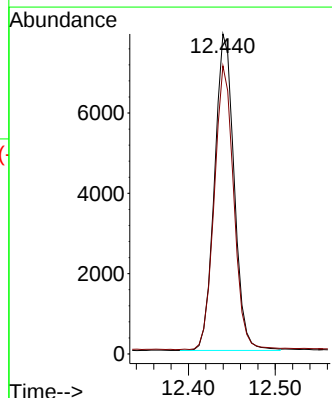
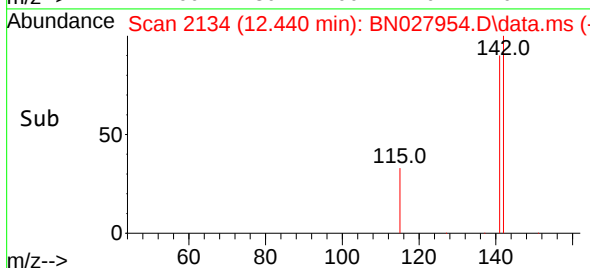
Reviewed By :Yogesh Patel 09/30/2023
Supervised By :mohammad ahmed 09/30/2023

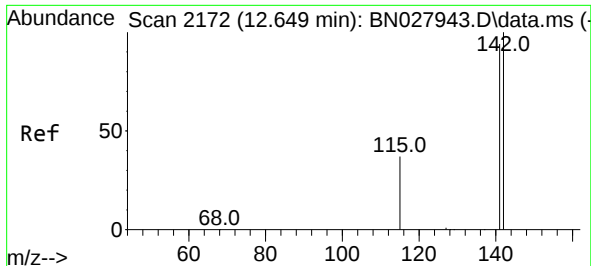


#7
2-Methylnaphthalene
Concen: 0.342 ng/ul
RT: 12.440 min Scan# 2134
Delta R.T. 0.006 min
Lab File: BN027954.D
Acq: 29 Sep 2023 08:44



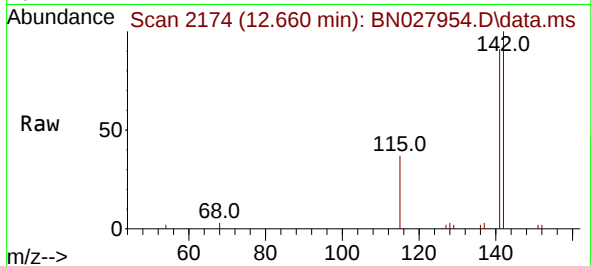
Tgt Ion:142 Resp: 12375
Ion Ratio Lower Upper
142 100
141 88.9 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.220 ng/ul
RT: 12.660 min Scan# 2172
Delta R.T. 0.006 min
Lab File: BN027954.D
Acq: 29 Sep 2023 08:44

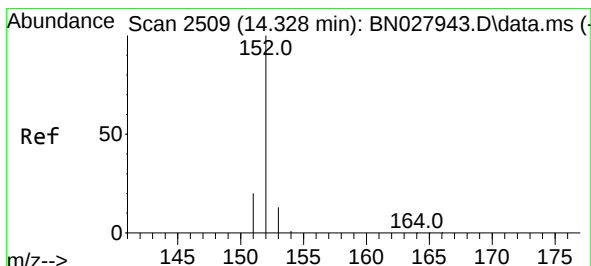
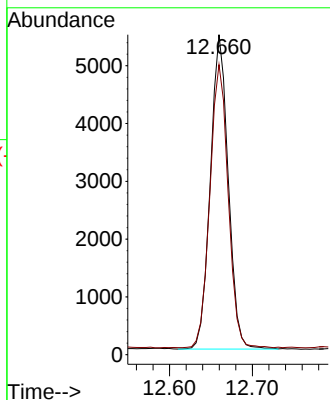
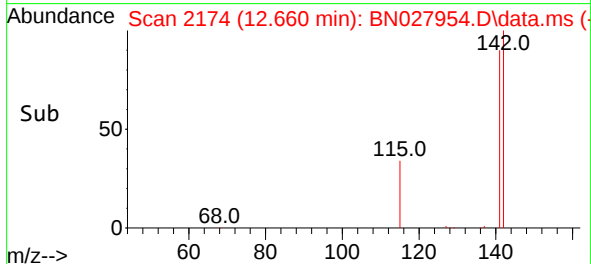
Instrument :
BNA_N
ClientSampleId :
EZYN1DL



Tgt Ion:142 Resp: 820
Ion Ratio Lower Upper
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141 91.6 72.8 109.2

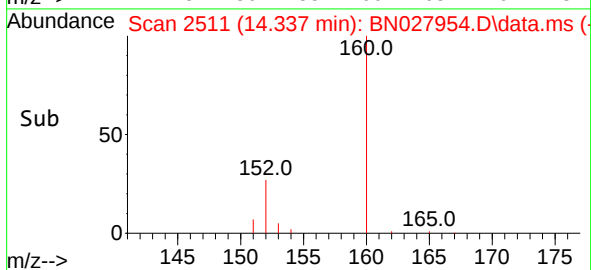
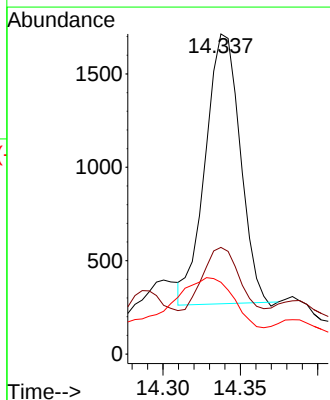
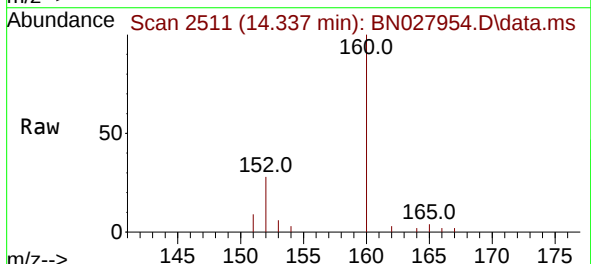
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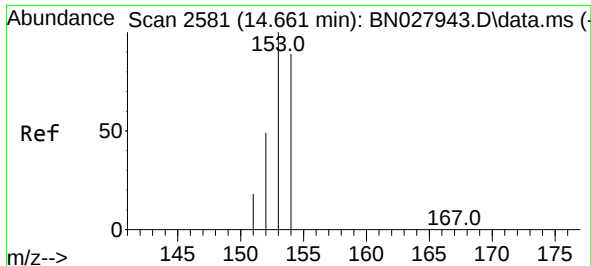
Reviewed By :Yogesh Patel 09/30/2023
Supervised By :mohammad ahmed 09/30/2023



#10
Acenaphthylene
Concen: 0.044 ng/ul
RT: 14.337 min Scan# 2511
Delta R.T. 0.005 min
Lab File: BN027954.D
Acq: 29 Sep 2023 08:44

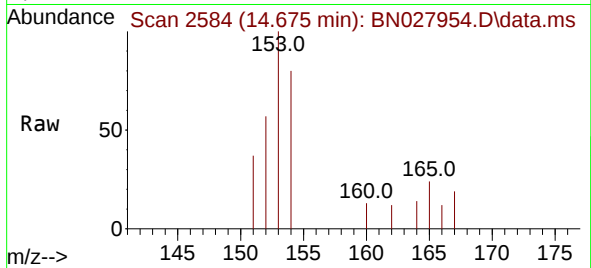
Tgt Ion:152 Resp: 2254
Ion Ratio Lower Upper
152 100
151 33.3 16.6 25.0#
153 22.4 11.0 16.6#





#11
Acenaphthene
Concen: 0.038 ng/u1
RT: 14.675 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN027954.D
Acq: 29 Sep 2023 08:44

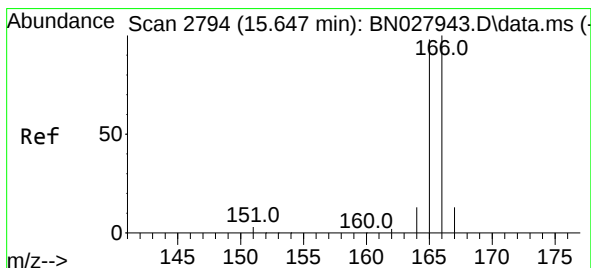
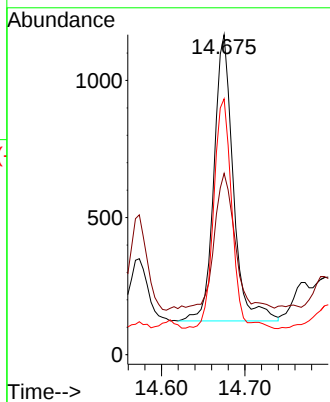
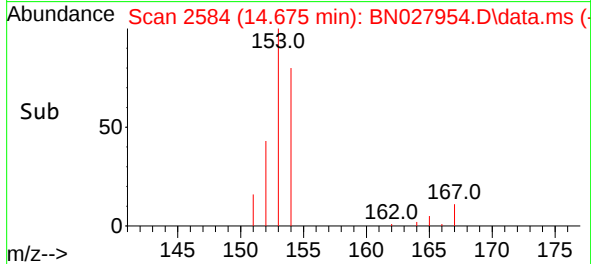
Instrument :
BNA_N
ClientSampleId :
EZYN1DL



Tgt Ion:153 Resp: 1670
Ion Ratio Lower Upper
153 100
152 56.6 41.7 62.5
154 79.9 70.3 105.5

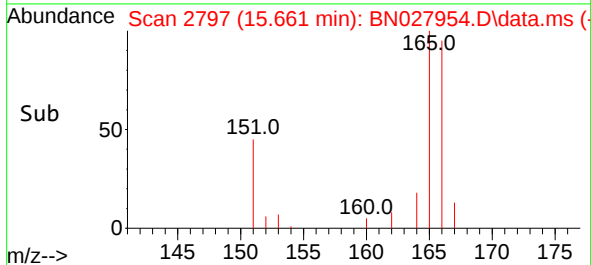
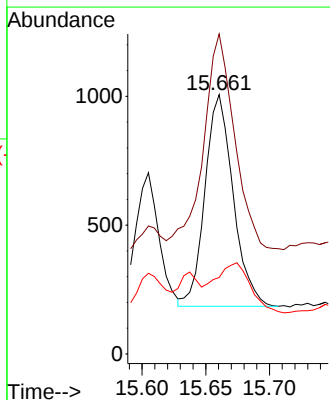
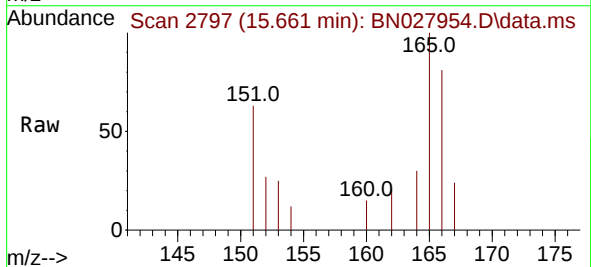
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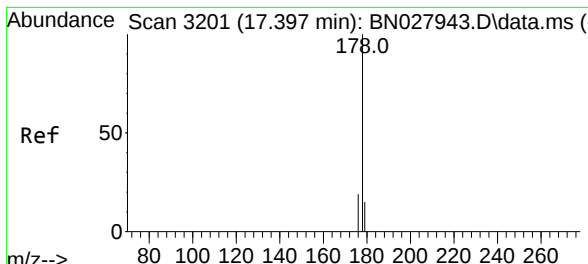
Reviewed By :Yogesh Patel 09/30/2023
Supervised By :mohammad ahmed 09/30/2023



#12
Fluorene
Concen: 0.024 ng/u1
RT: 15.661 min Scan# 2797
Delta R.T. 0.009 min
Lab File: BN027954.D
Acq: 29 Sep 2023 08:44

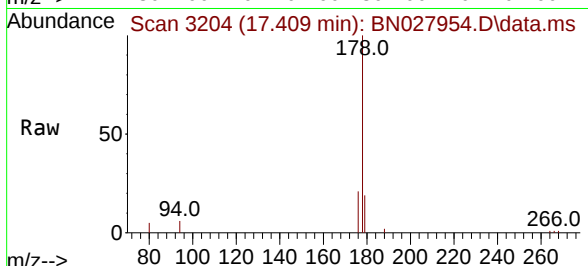
Tgt Ion:166 Resp: 1265
Ion Ratio Lower Upper
166 100
165 123.3 78.0 117.0#
167 29.5 11.4 17.2#





#15
Phenanthrene
Concen: 0.366 ng/u1
RT: 17.409 min Scan# 3204
Delta R.T. 0.013 min
Lab File: BN027954.D
Acq: 29 Sep 2023 08:44

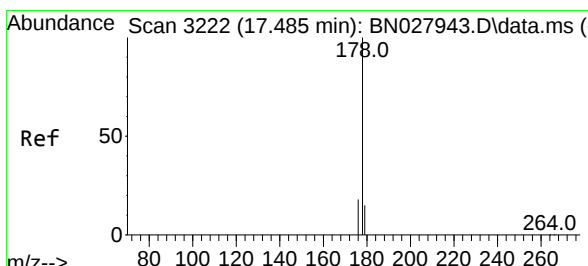
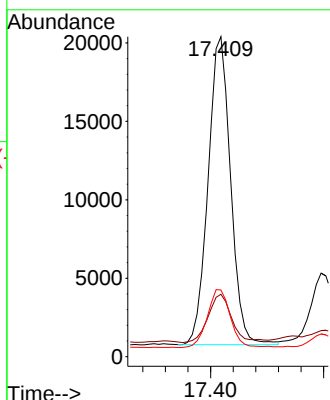
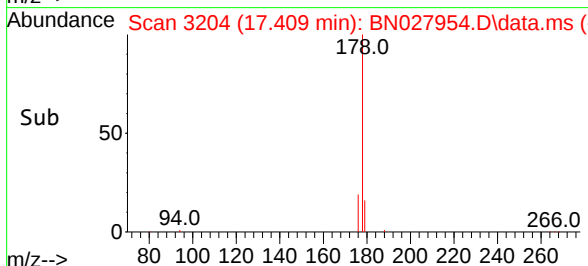
Instrument :
BNA_N
ClientSampleId :
EZYN1DL



Tgt Ion:178 Resp: 2711
Ion Ratio Lower Upper
178 100
179 19.5 12.4 18.6
176 20.9 16.0 24.0

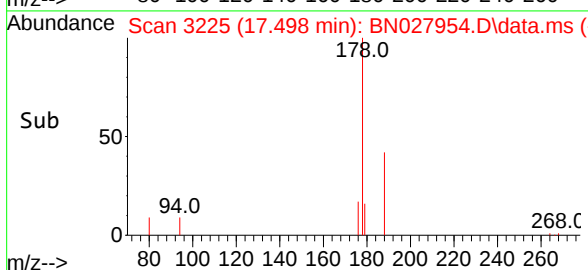
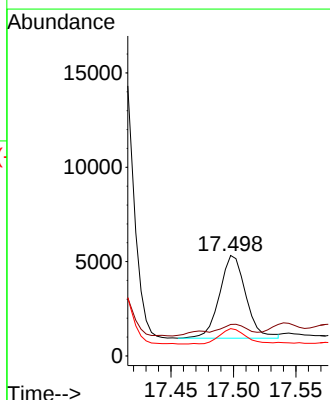
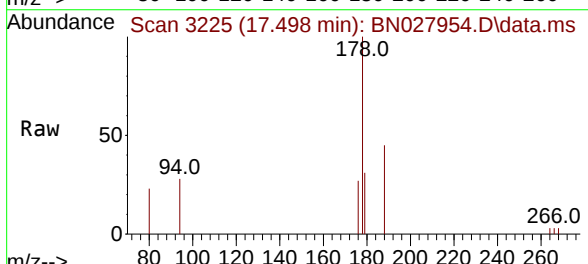
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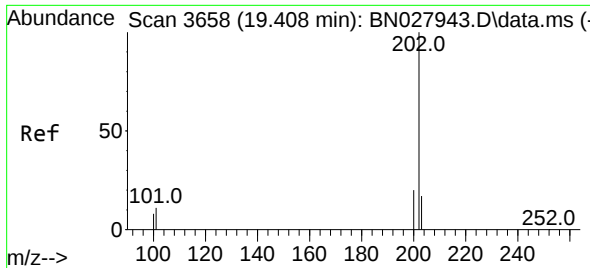
Reviewed By :Yogesh Patel 09/30/2023
Supervised By :mohammad ahmed 09/30/2023



#16
Anthracene
Concen: 0.103 ng/u1
RT: 17.498 min Scan# 3225
Delta R.T. 0.008 min
Lab File: BN027954.D
Acq: 29 Sep 2023 08:44

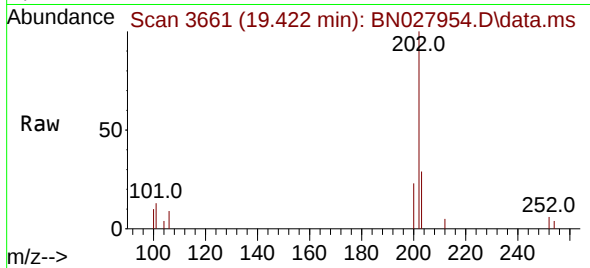
Tgt Ion:178 Resp: 6405
Ion Ratio Lower Upper
178 100
179 31.3 12.6 19.0#
176 27.3 15.5 23.3#





#19
Fluoranthene
Concen: 0.472 ng/ul
RT: 19.422 min Scan# 3661
Delta R.T. 0.014 min
Lab File: BN027954.D
Acq: 29 Sep 2023 08:44

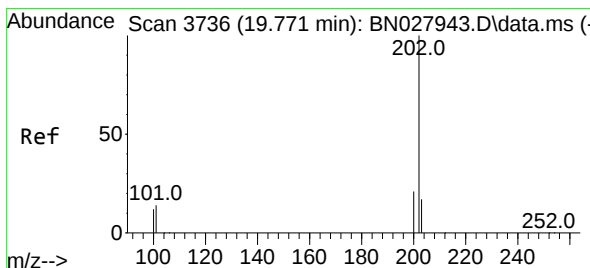
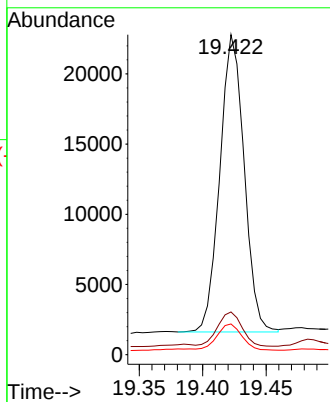
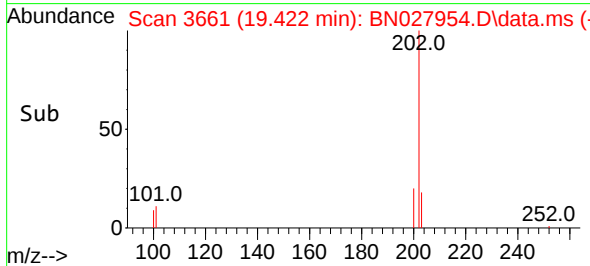
Instrument :
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ClientSampleId :
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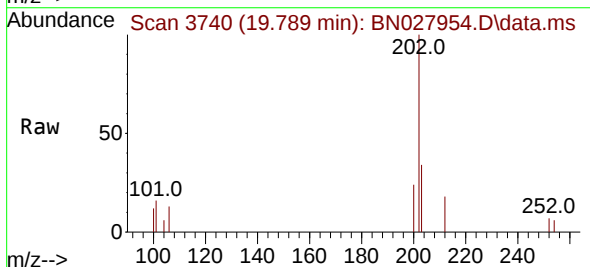
Tgt Ion:202 Resp: 2817
Ion Ratio Lower Upper
202 100
101 13.4 9.3 13.9
100 9.6 7.0 10.4

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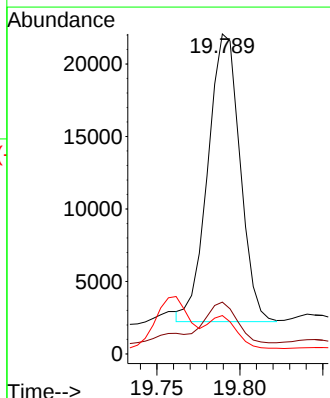
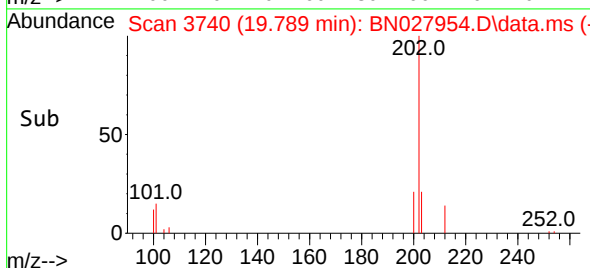
Reviewed By :Yogesh Patel 09/30/2023
Supervised By :mohammad ahmed 09/30/2023

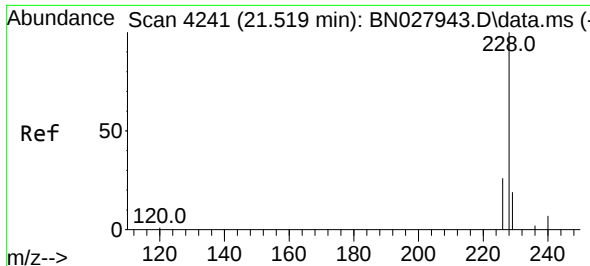


#20
Pyrene
Concen: 0.435 ng/ul m
RT: 19.789 min Scan# 3740
Delta R.T. 0.014 min
Lab File: BN027954.D
Acq: 29 Sep 2023 08:44



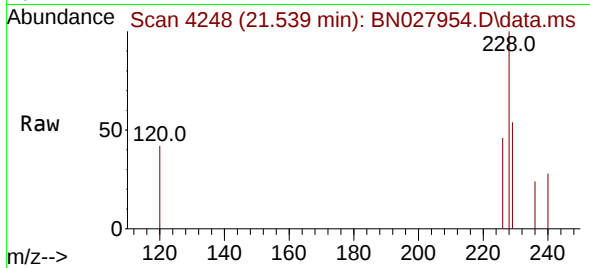
Tgt Ion:202 Resp: 26754
Ion Ratio Lower Upper
202 100
101 16.2 11.4 17.0
100 12.0 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.285 ng/ul
RT: 21.539 min Scan# 4241
Delta R.T. 0.021 min
Lab File: BN027954.D
Acq: 29 Sep 2023 08:44

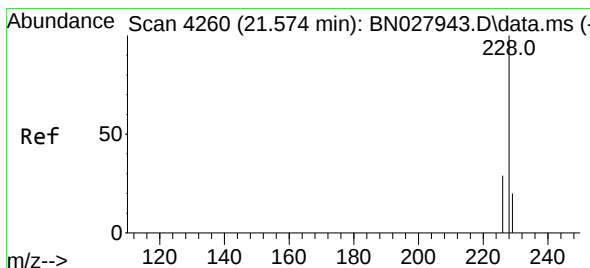
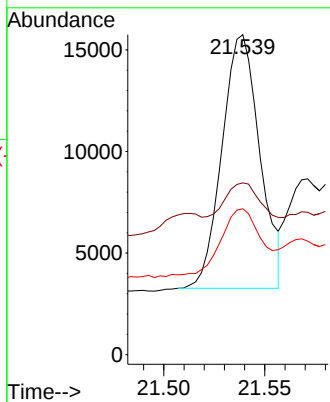
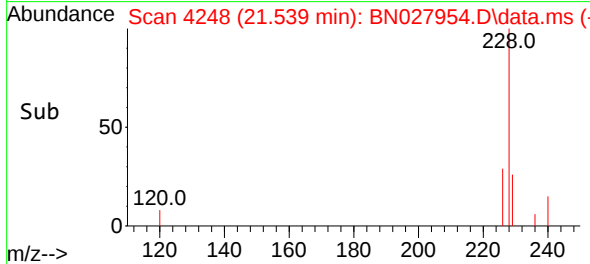
Instrument :
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EZYN1DL



Tgt Ion:228 Resp: 1628
Ion Ratio Lower Upper
228 100
229 53.7 15.8 23.8
226 45.6 22.0 33.0

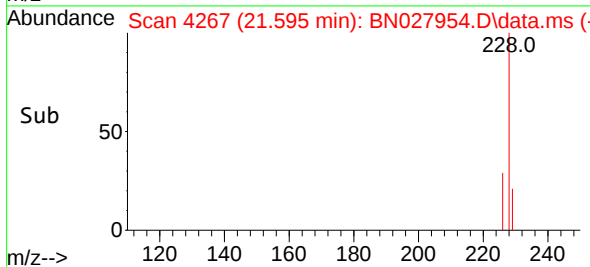
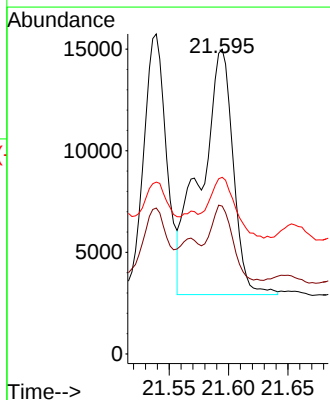
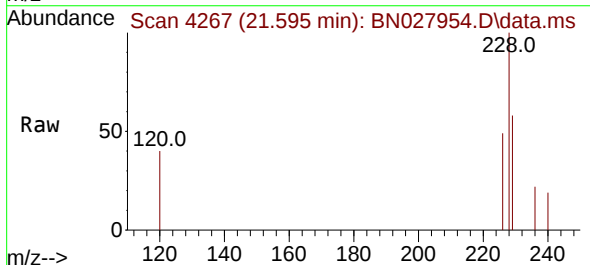
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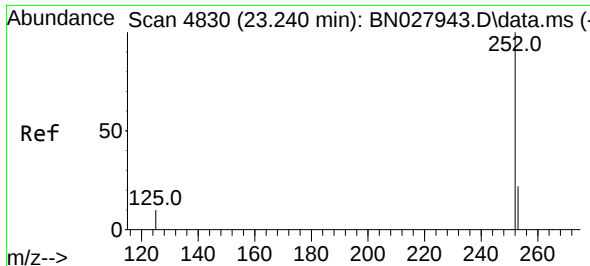
Reviewed By :Yogesh Patel 09/30/2023
Supervised By :mohammad ahmed 09/30/2023



#22
Chrysene
Concen: 0.388 ng/ul m
RT: 21.595 min Scan# 4267
Delta R.T. 0.020 min
Lab File: BN027954.D
Acq: 29 Sep 2023 08:44

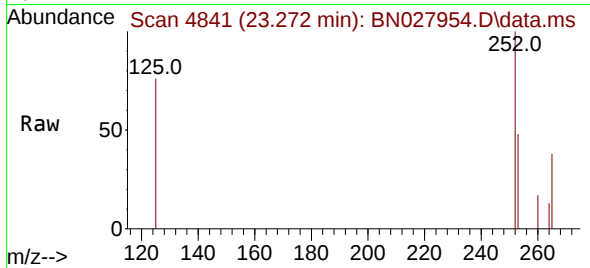
Tgt Ion:228 Resp: 22924
Ion Ratio Lower Upper
228 100
226 48.5 24.5 36.7#
229 57.9 16.0 24.0#





#24
Benzo(b)fluoranthene
Concen: 0.535 ng/ul m
RT: 23.272 min Scan# 4841
Delta R.T. 0.032 min
Lab File: BN027954.D
Acq: 29 Sep 2023 08:44

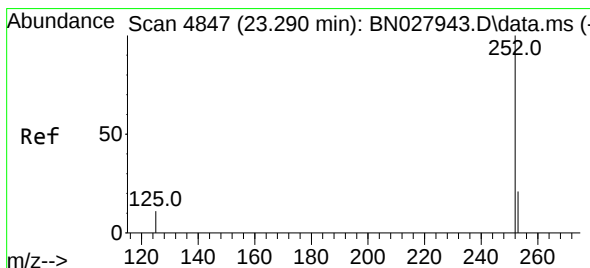
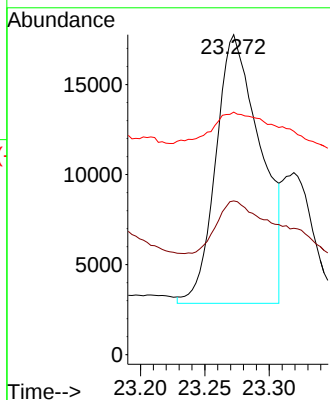
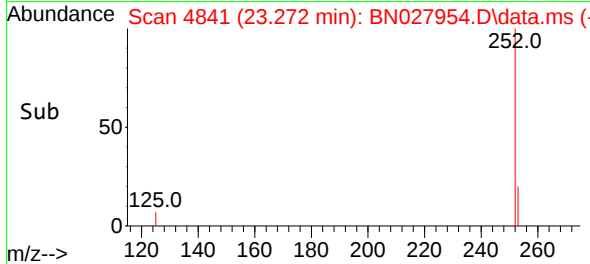
Instrument :
BNA_N
ClientSampleId :
EZYN1DL



Tgt Ion:252 Resp: 36024
Ion Ratio Lower Upper
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253 48.1 0.0 50.2
125 75.8 0.0 31.4

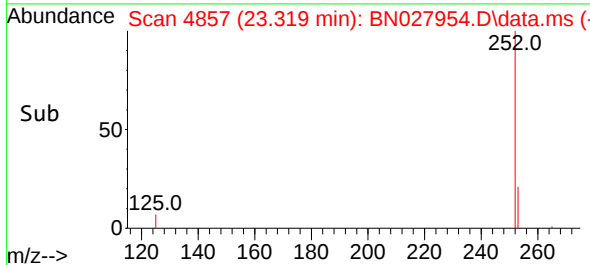
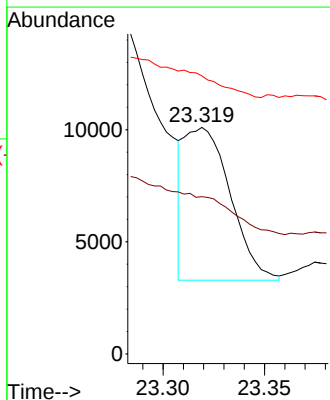
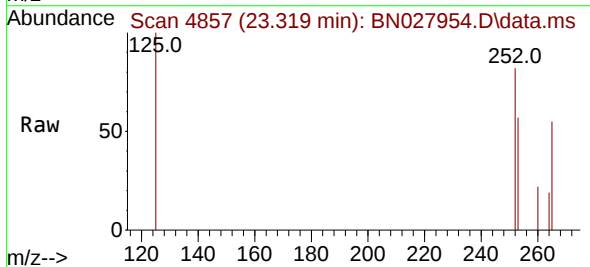
Manual Integrations
APPROVED

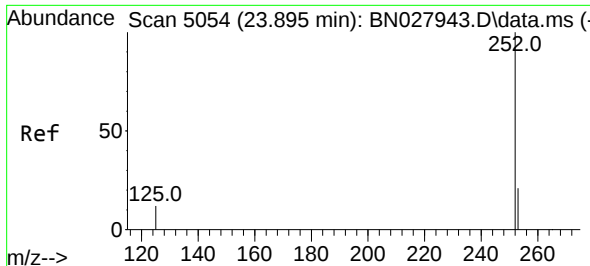
Reviewed By :Yogesh Patel 09/30/2023
Supervised By :mohammad ahmed 09/30/2023



#25
Benzo(k)fluoranthene
Concen: 0.164 ng/ul m
RT: 23.319 min Scan# 4857
Delta R.T. 0.026 min
Lab File: BN027954.D
Acq: 29 Sep 2023 08:44

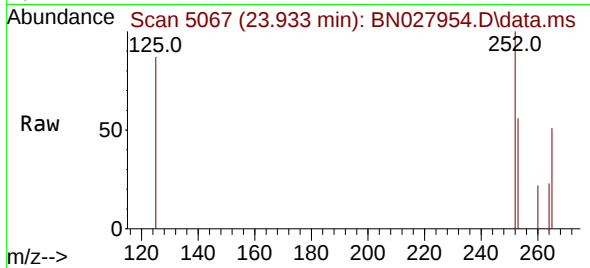
Tgt Ion:252 Resp: 10717
Ion Ratio Lower Upper
252 100
253 69.4 19.9 29.9#
125 122.7 12.6 19.0#





#26
Benzo(a)pyrene
Concen: 0.387 ng/ul
RT: 23.933 min Scan# 5054
Delta R.T. 0.038 min
Lab File: BN027954.D
Acq: 29 Sep 2023 08:44

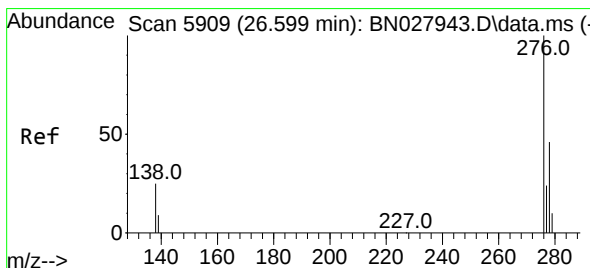
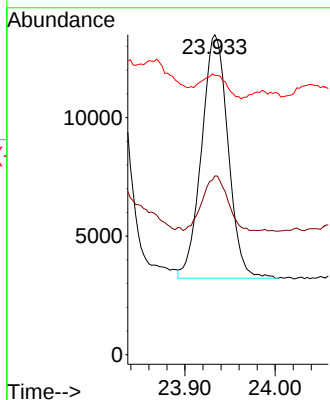
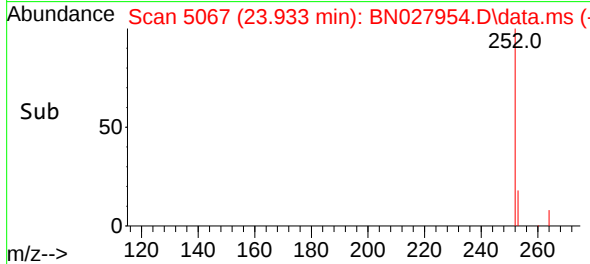
Instrument :
BNA_N
ClientSampleId :
EZYN1DL



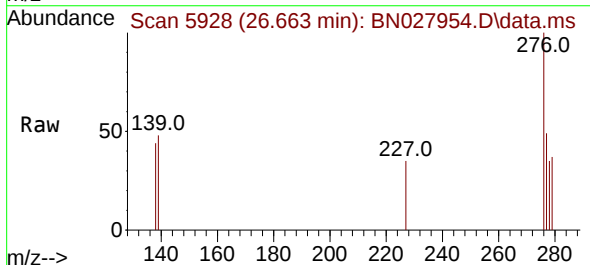
Tgt Ion:252 Resp: 20964
Ion Ratio Lower Upper
252 100
253 55.8 21.9 32.9#
125 87.3 15.5 23.3#

Manual Integrations
APPROVED

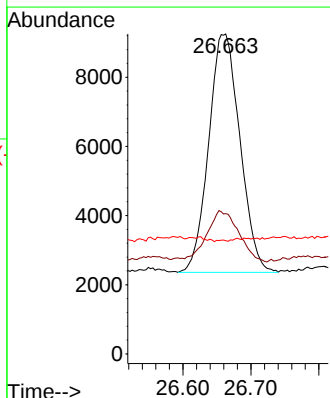
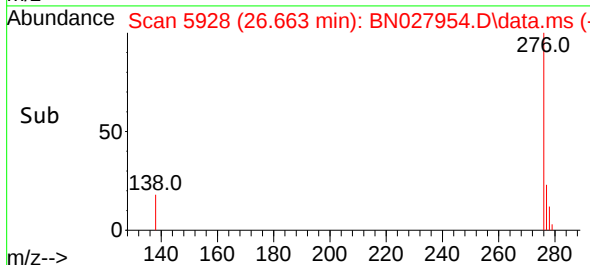
Reviewed By :Yogesh Patel 09/30/2023
Supervised By :mohammad ahmed 09/30/2023

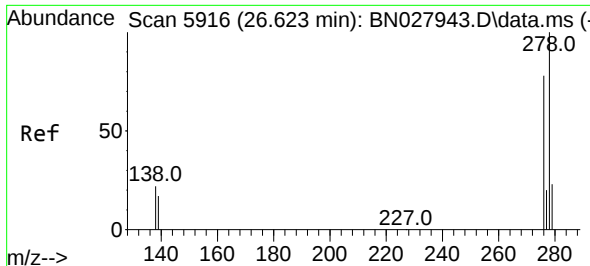


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.318 ng/ul
RT: 26.663 min Scan# 5928
Delta R.T. 0.064 min
Lab File: BN027954.D
Acq: 29 Sep 2023 08:44



Tgt Ion:276 Resp: 22014
Ion Ratio Lower Upper
276 100
138 22.0 24.3 36.5#
227 0.2 0.0 0.0#





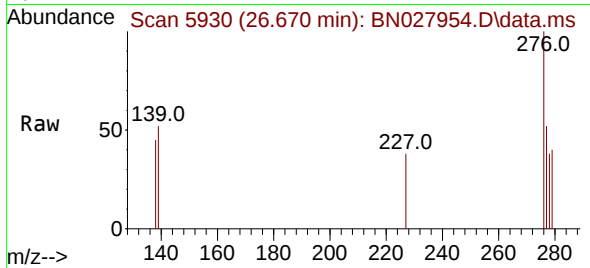
#28
Dibenzo(a,h)anthracene
Concen: 0.113 ng/ul
RT: 26.670 min Scan# 5916
Delta R.T. 0.047 min
Lab File: BN027954.D
Acq: 29 Sep 2023 08:44

Instrument :

BNA_N

ClientSampleId :

EZYN1DL



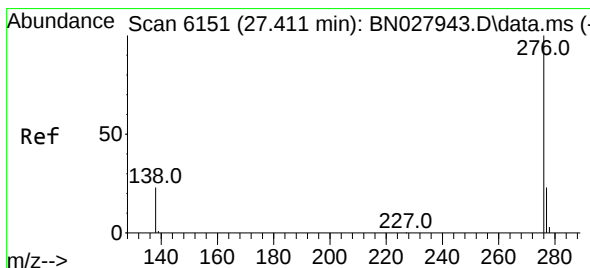
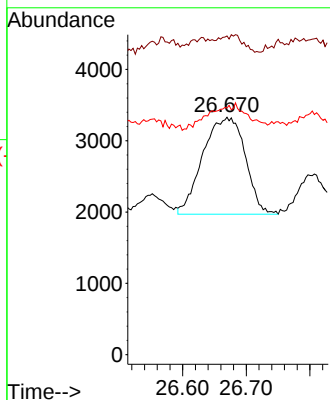
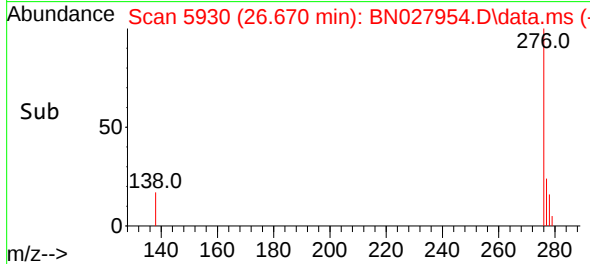
Tgt Ion:278 Resp: 628
Ion Ratio Lower Upper
278 100
139 134.2 17.2 25.8
279 103.9 21.4 32.0

Manual Integrations

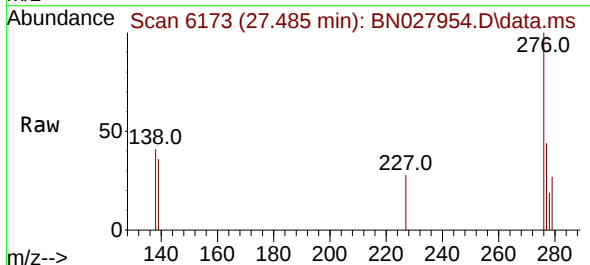
APPROVED

Reviewed By :Yogesh Patel 09/30/2023

Supervised By :mohammad ahmed 09/30/2023



#29
Benzo(g,h,i)perylene
Concen: 0.525 ng/ul
RT: 27.485 min Scan# 6173
Delta R.T. 0.074 min
Lab File: BN027954.D
Acq: 29 Sep 2023 08:44



Tgt Ion:276 Resp: 30925
Ion Ratio Lower Upper
276 100
138 40.8 21.7 32.5#
277 44.2 20.2 30.2#

