

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092823\
 Data File : BN027946.D
 Acq On : 29 Sep 2023 03:56
 Operator : MA/JU
 Sample : 04417-24
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYF0

Manual Integrations
 APPROVED

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

Quant Time: Sep 29 04:34:33 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	4110	0.400	ng/ul	0.00
4) Naphthalene-d8	10.773	136	15016	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.597	164	10438	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.350	188	23639	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.542	240	19547	0.400	ng/ul	# 0.00
23) Perylene-d12	24.050	264	20833m	0.400	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.326	96	19187	3.706	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.357	152	7167	0.315	ng/ul	0.00
18) Fluoranthene-d10	19.381	212	16122	0.270	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.823	128	5261	0.123	ng/ul#	91
7) 2-Methylnaphthalene	12.429	142	6433	0.236	ng/ul	100
8) 1-Methylnaphthalene	12.649	142	4201	0.150	ng/ul	100
10) Acenaphthylene	14.328	152	6592	0.145	ng/ul#	75
11) Acenaphthene	14.661	153	3166	0.080	ng/ul#	84
12) Fluorene	15.651	166	2713	0.059	ng/ul#	44
15) Phenanthrene	17.397	178	56914	0.766	ng/ul#	90
16) Anthracene	17.485	178	12066	0.194	ng/ul#	59
19) Fluoranthene	19.408	202	161673	2.045	ng/ul	96
20) Pyrene	19.776	202	353487	4.341	ng/ul	97
21) Benzo(a)anthracene	21.525	228	76544	1.012	ng/ul#	43
22) Chrysene	21.560	228	267534m	3.423	ng/ul	
24) Benzo(b)fluoranthene	23.269	252	227271m	2.447	ng/ul	
25) Benzo(k)fluoranthene	23.313	252	73900m	0.821	ng/ul	
26) Benzo(a)pyrene	23.936	252	141328	1.892	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.704	276	131136	1.370	ng/ul#	80
29) Benzo(g,h,i)perylene	27.545	276	301150	3.705	ng/ul#	68

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

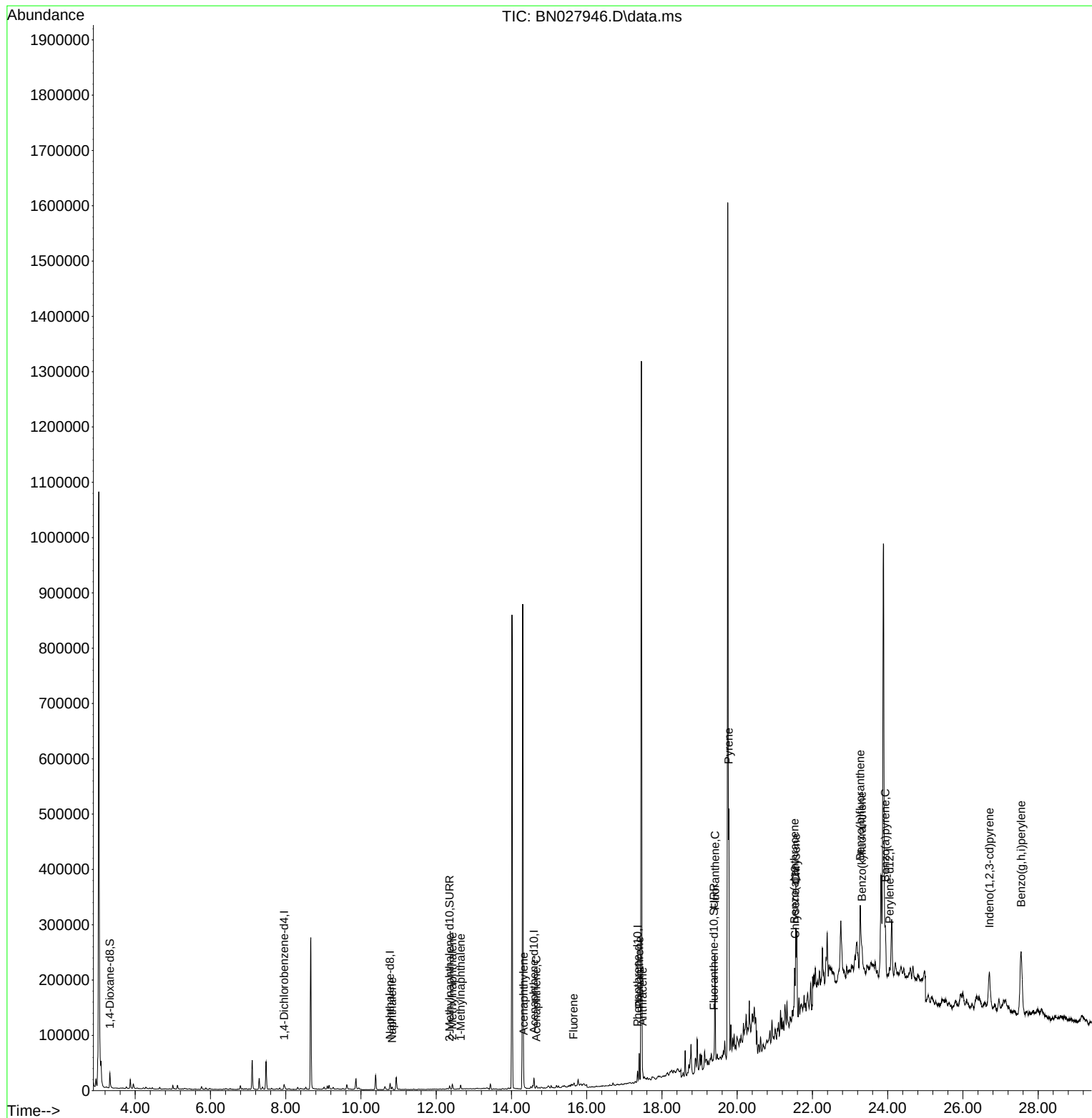
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092823\
Data File : BN027946.D
Acq On : 29 Sep 2023 03:56
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Sample : 04417-24
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ALS Vial : 32 Sample Multiplier: 1

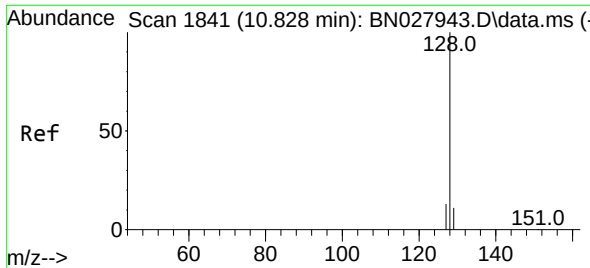
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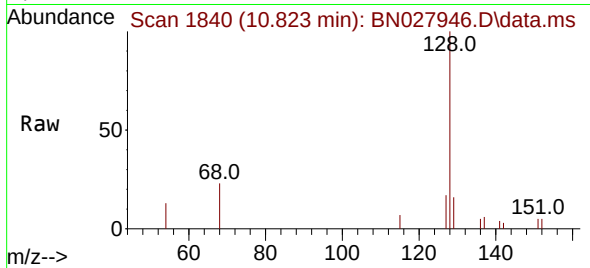
Quant Time: Sep 29 04:34:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 27 03:52:19 2023
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#5
Naphthalene
Concen: 0.123 ng/ul
RT: 10.823 min Scan# 1840
Delta R.T. -0.011 min
Lab File: BN027946.D
Acq: 29 Sep 2023 03:56

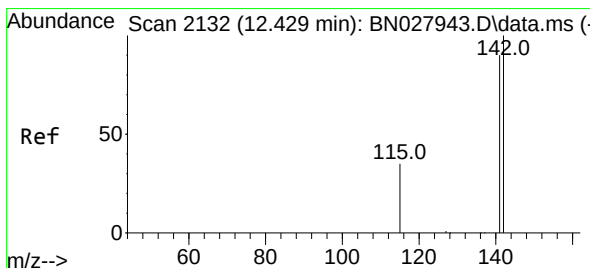
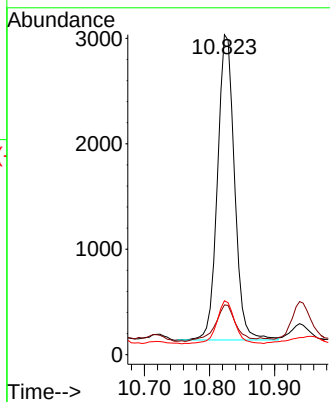
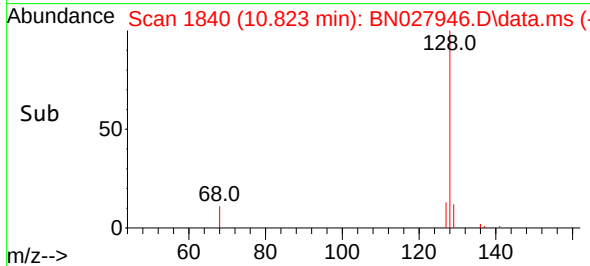
Instrument :
BNA_N
ClientSampleId :
EZYF0



Tgt Ion:128 Resp: 526
Ion Ratio Lower Upper
128 100
129 15.6 9.3 13.9
127 16.9 10.7 16.1

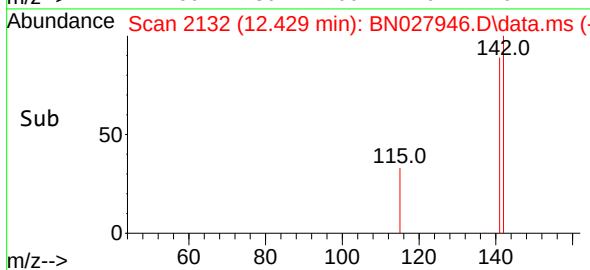
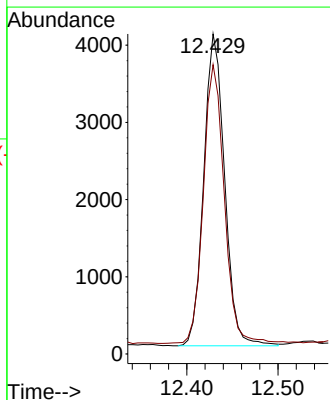
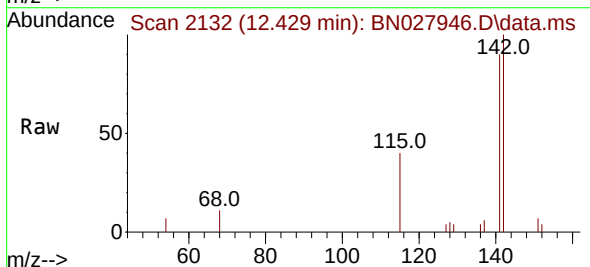
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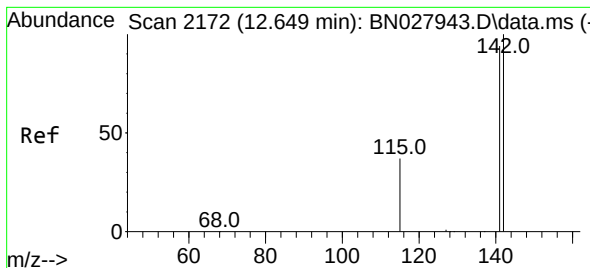
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023



#7
2-Methylnaphthalene
Concen: 0.236 ng/ul
RT: 12.429 min Scan# 2132
Delta R.T. -0.005 min
Lab File: BN027946.D
Acq: 29 Sep 2023 03:56

Tgt Ion:142 Resp: 6433
Ion Ratio Lower Upper
142 100
141 89.3 71.1 106.7





#8

1-Methylnaphthalene

Concen: 0.150 ng/ul

RT: 12.649 min Scan# 2172

Delta R.T. -0.005 min

Lab File: BN027946.D

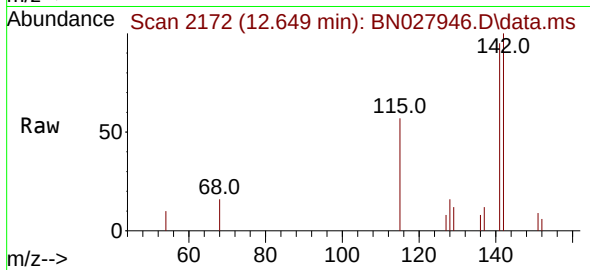
Acq: 29 Sep 2023 03:56

Instrument :

BNA_N

ClientSampleId :

EZYF0



Tgt Ion:142 Resp: 420

Ion Ratio Lower Upper

142 100

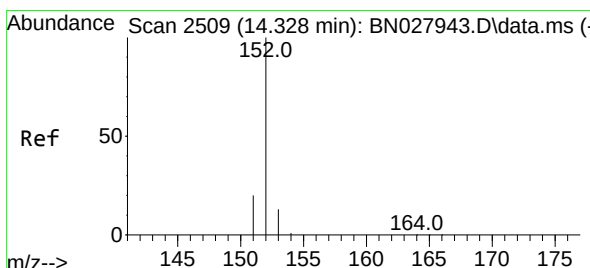
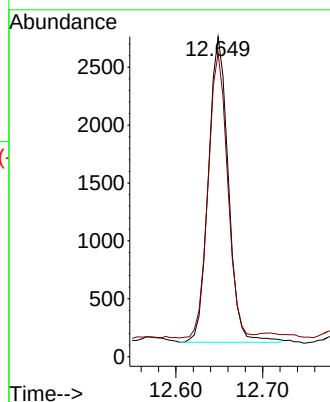
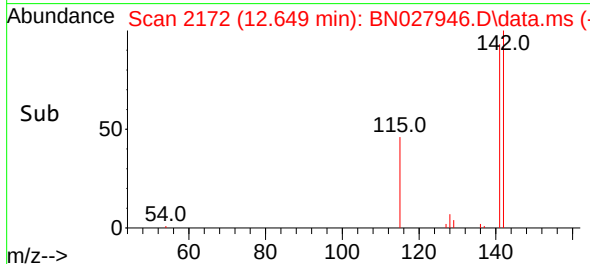
141 91.4 72.8 109.2

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#10

Acenaphthylene

Concen: 0.145 ng/ul

RT: 14.328 min Scan# 2509

Delta R.T. -0.005 min

Lab File: BN027946.D

Acq: 29 Sep 2023 03:56

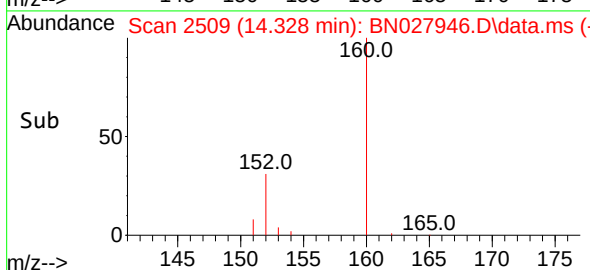
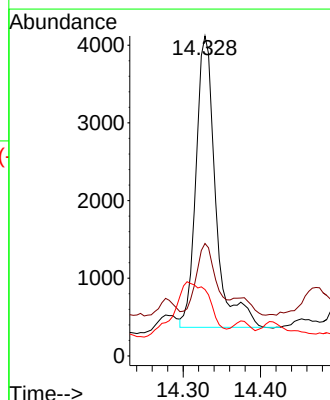
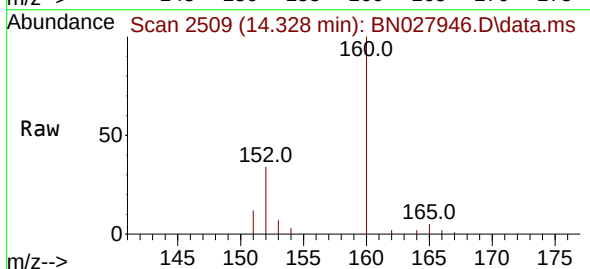
Tgt Ion:152 Resp: 6592

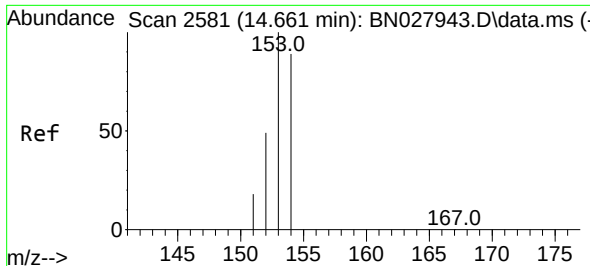
Ion Ratio Lower Upper

152 100

151 35.1 16.6 25.0#

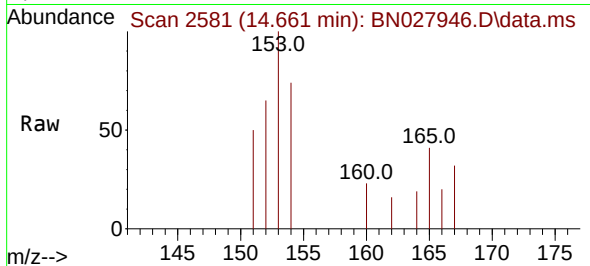
153 20.7 11.0 16.6#





#11
Acenaphthene
Concen: 0.080 ng/ul
RT: 14.661 min Scan# 2581
Delta R.T. -0.005 min
Lab File: BN027946.D
Acq: 29 Sep 2023 03:56

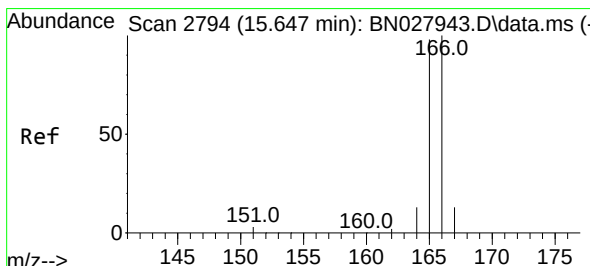
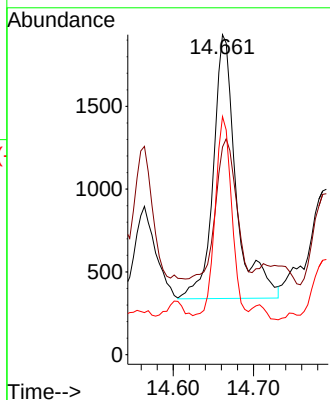
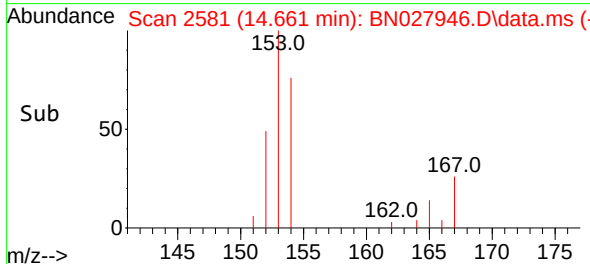
Instrument : BNA_N
ClientSampleId : EZYF0



Tgt Ion:153 Resp: 3160
Ion Ratio Lower Upper
153 100
152 64.9 41.7 62.5
154 74.4 70.3 105.5

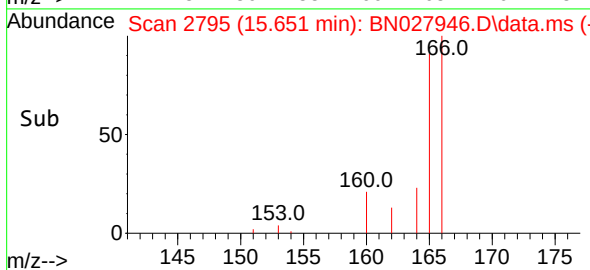
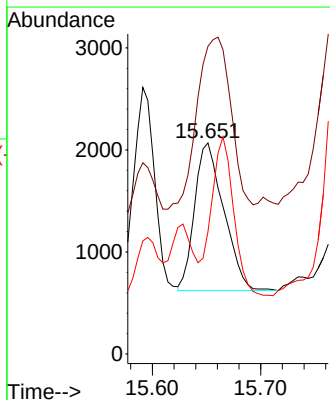
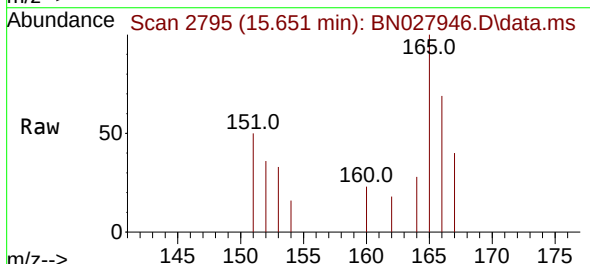
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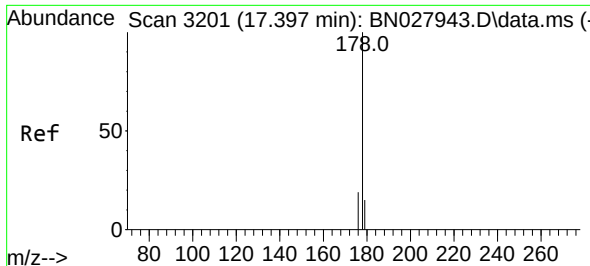
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023



#12
Fluorene
Concen: 0.059 ng/ul
RT: 15.651 min Scan# 2795
Delta R.T. 0.000 min
Lab File: BN027946.D
Acq: 29 Sep 2023 03:56

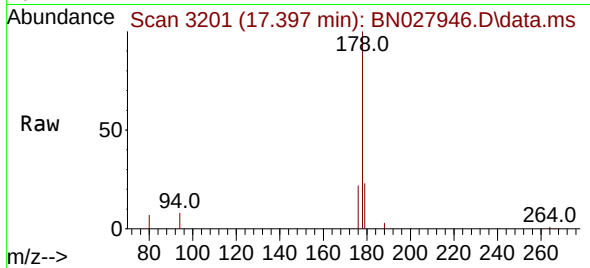
Tgt Ion:166 Resp: 2713
Ion Ratio Lower Upper
166 100
165 145.8 78.0 117.0#
167 58.0 11.4 17.2#





#15
Phenanthrene
Concen: 0.766 ng/ul
RT: 17.397 min Scan# 3201
Delta R.T. 0.000 min
Lab File: BN027946.D
Acq: 29 Sep 2023 03:56

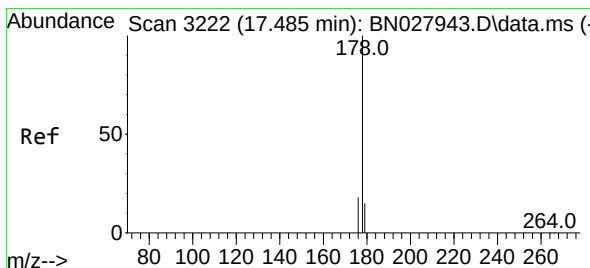
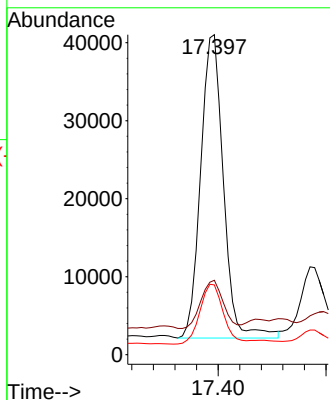
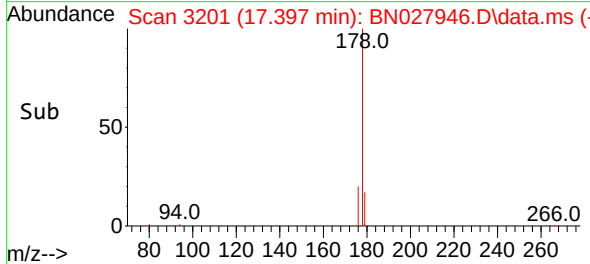
Instrument :
BNA_N
ClientSampleId :
EZYF0



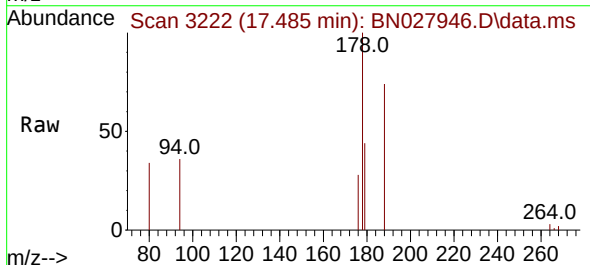
Tgt Ion:178 Resp: 56914
Ion Ratio Lower Upper
178 100
179 23.2 12.4 18.6
176 21.8 16.0 24.0

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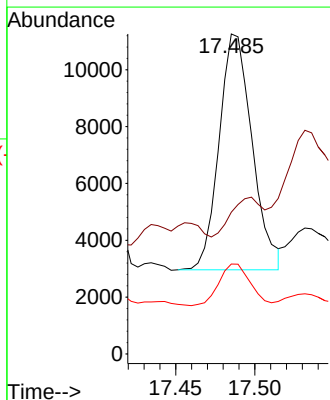
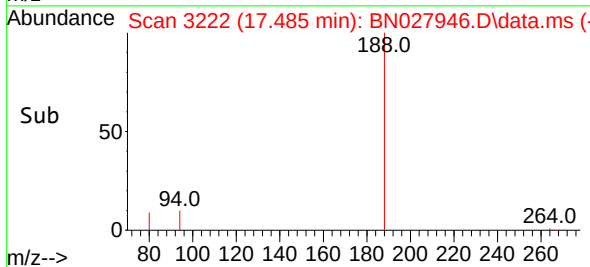
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023

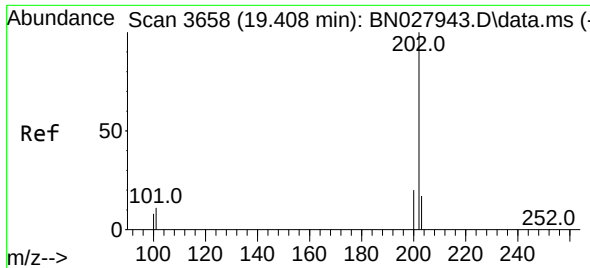


#16
Anthracene
Concen: 0.194 ng/ul
RT: 17.485 min Scan# 3222
Delta R.T. -0.004 min
Lab File: BN027946.D
Acq: 29 Sep 2023 03:56



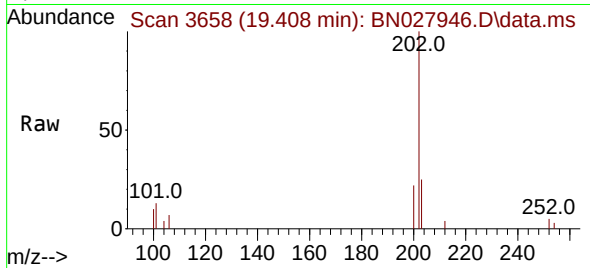
Tgt Ion:178 Resp: 12066
Ion Ratio Lower Upper
178 100
179 44.3 12.6 19.0#
176 28.1 15.5 23.3#





#19
Fluoranthene
Concen: 2.045 ng/u1
RT: 19.408 min Scan# 3658
Delta R.T. 0.000 min
Lab File: BN027946.D
Acq: 29 Sep 2023 03:56

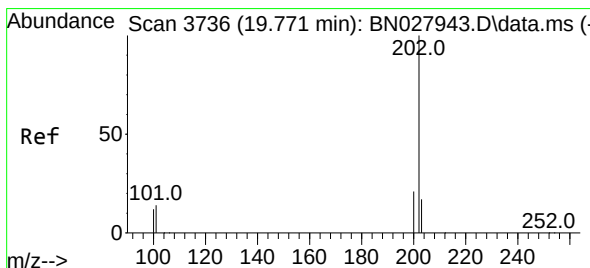
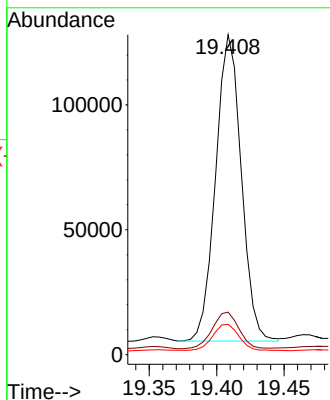
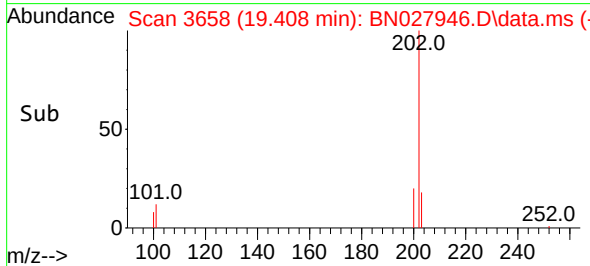
Instrument :
BNA_N
ClientSampleId :
EZYF0



Tgt Ion:202 Resp: 16167
Ion Ratio Lower Upper
202 100
101 13.3 9.3 13.9
100 9.5 7.0 10.4

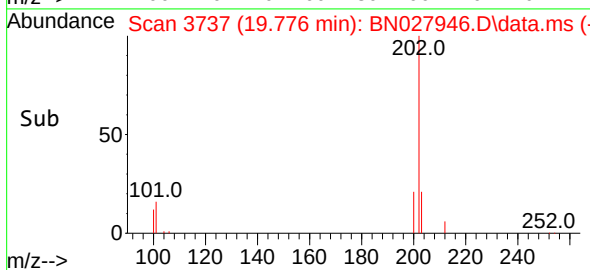
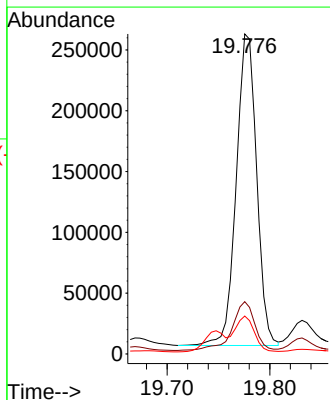
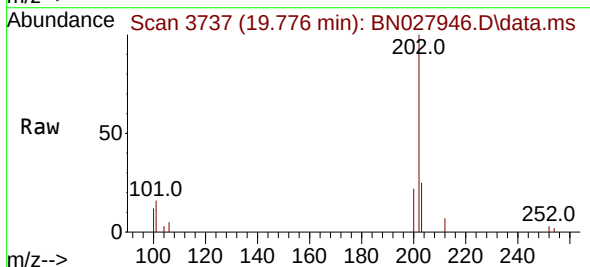
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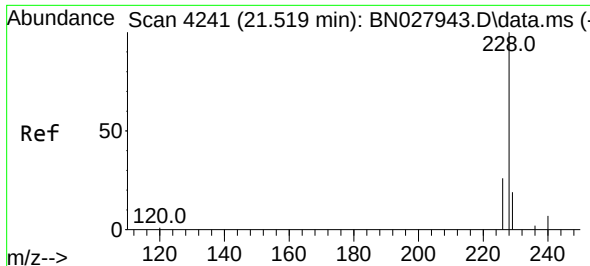
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023



#20
Pyrene
Concen: 4.341 ng/u1
RT: 19.776 min Scan# 3737
Delta R.T. 0.000 min
Lab File: BN027946.D
Acq: 29 Sep 2023 03:56

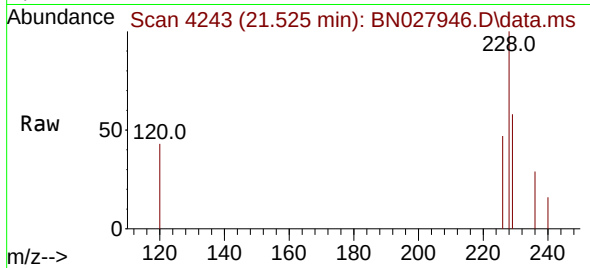
Tgt Ion:202 Resp: 353487
Ion Ratio Lower Upper
202 100
101 16.3 11.4 17.0
100 11.8 9.1 13.7





#21
Benzo(a)anthracene
Concen: 1.012 ng/ul
RT: 21.525 min Scan# 4241
Delta R.T. 0.006 min
Lab File: BN027946.D
Acq: 29 Sep 2023 03:56

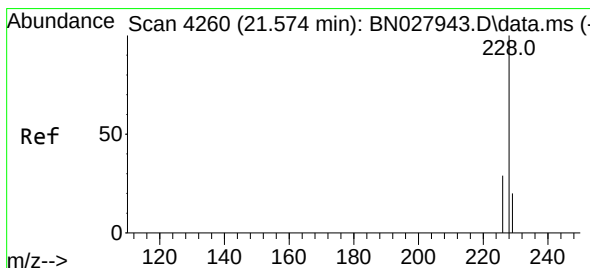
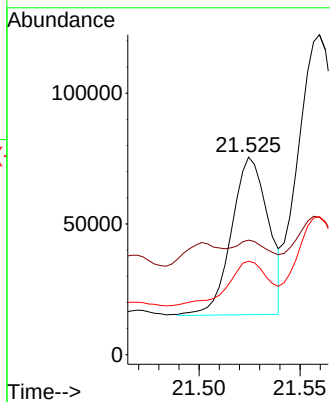
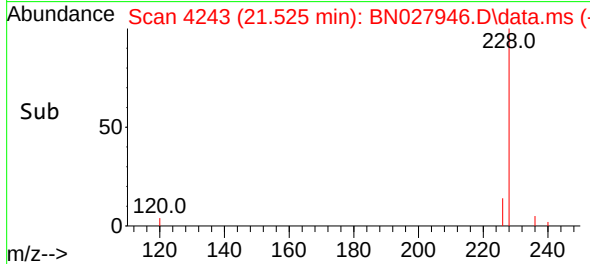
Instrument :
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ClientSampleId :
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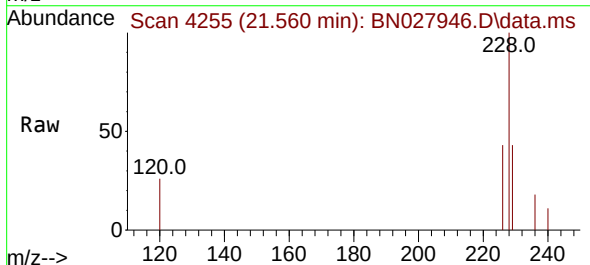
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Ion Ratio Lower Upper
228 100
229 58.0 15.8 23.8#
226 47.3 22.0 33.0#

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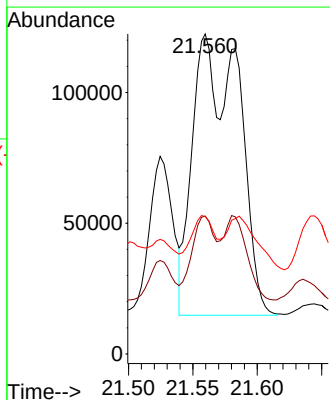
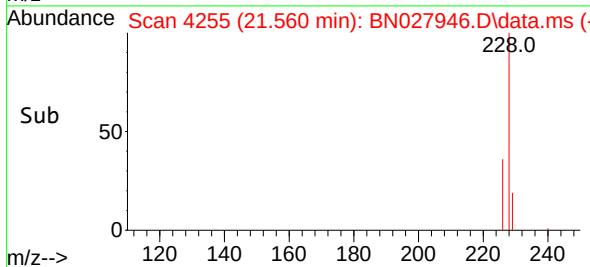
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Supervised By :mohammad ahmed 09/30/2023

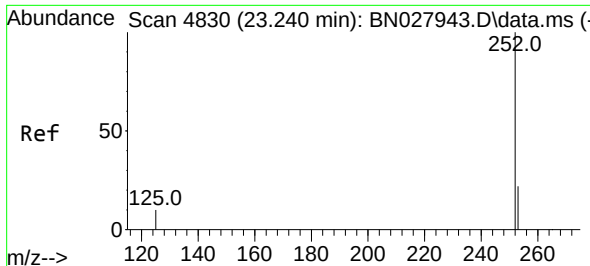


#22
Chrysene
Concen: 3.423 ng/ul m
RT: 21.560 min Scan# 4255
Delta R.T. -0.015 min
Lab File: BN027946.D
Acq: 29 Sep 2023 03:56



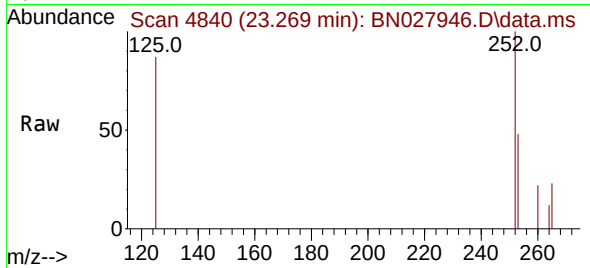
Tgt Ion:228 Resp: 267534
Ion Ratio Lower Upper
228 100
226 43.1 24.5 36.7#
229 42.9 16.0 24.0#





#24
Benzo(b)fluoranthene
Concen: 2.447 ng/ul m
RT: 23.269 min Scan# 4840
Delta R.T. 0.029 min
Lab File: BN027946.D
Acq: 29 Sep 2023 03:56

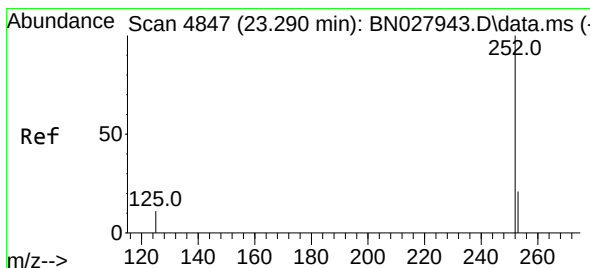
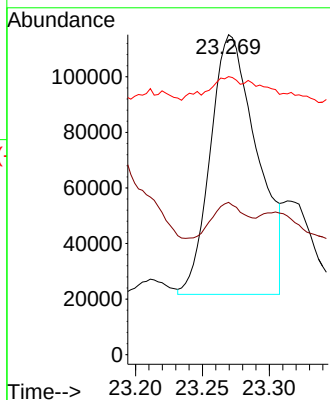
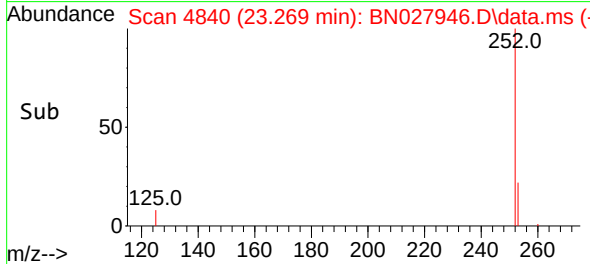
Instrument :
BNA_N
ClientSampleId :
EZYF0



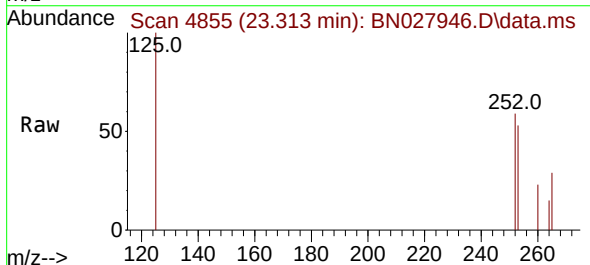
Tgt Ion:252 Resp: 22727
Ion Ratio Lower Upper
252 100
253 47.6 0.0 50.2
125 86.9 0.0 31.4

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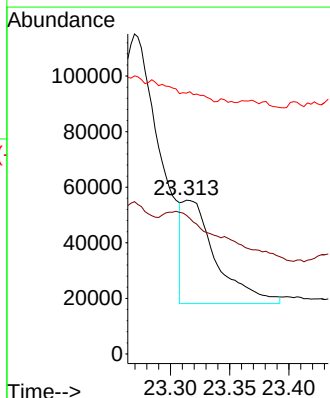
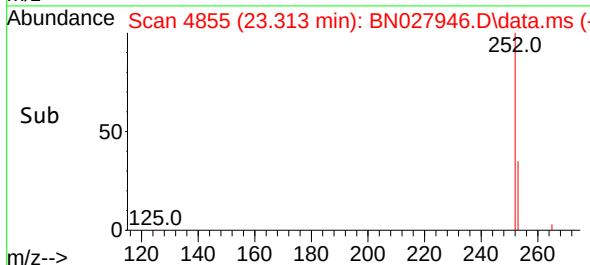
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023

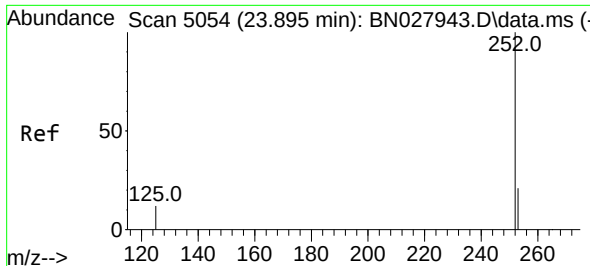


#25
Benzo(k)fluoranthene
Concen: 0.821 ng/ul m
RT: 23.313 min Scan# 4855
Delta R.T. 0.021 min
Lab File: BN027946.D
Acq: 29 Sep 2023 03:56



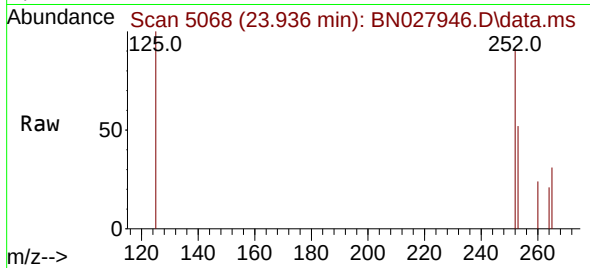
Tgt Ion:252 Resp: 73900
Ion Ratio Lower Upper
252 100
253 90.3 19.9 29.9#
125 169.7 12.6 19.0#





#26
Benzo(a)pyrene
Concen: 1.892 ng/ul
RT: 23.936 min Scan# 5068
Delta R.T. 0.041 min
Lab File: BN027946.D
Acq: 29 Sep 2023 03:56

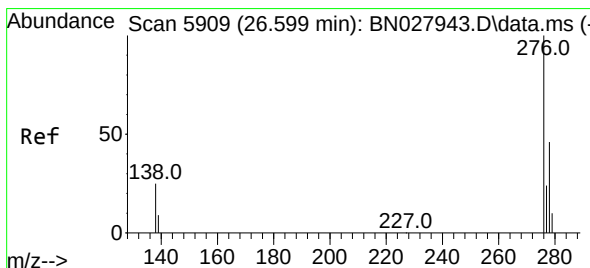
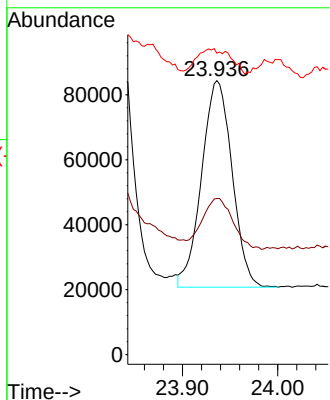
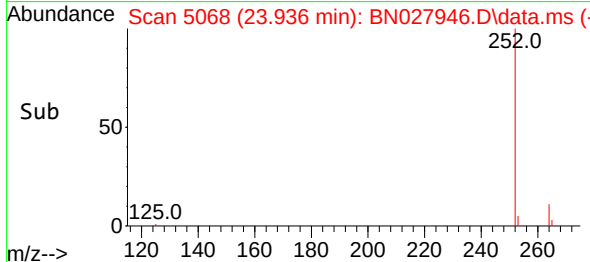
Instrument :
BNA_N
ClientSampleId :
EZYF0



Tgt Ion:252 Resp: 141328
Ion Ratio Lower Upper
252 100
253 57.0 21.9 32.9#
125 110.0 15.5 23.3#

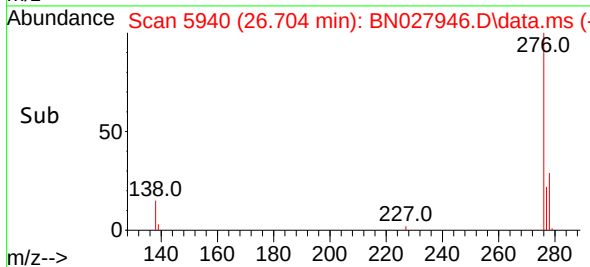
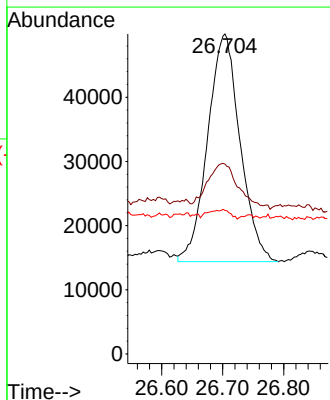
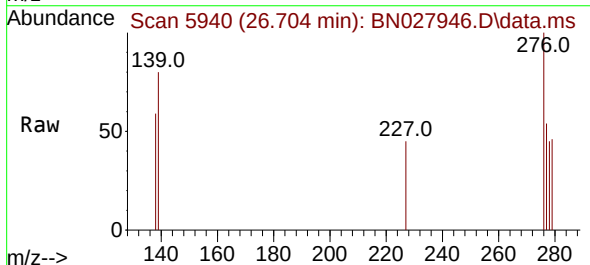
Manual Integrations
APPROVED

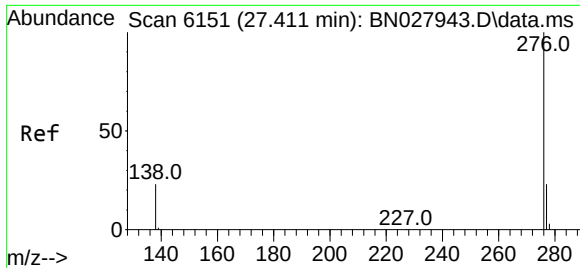
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.370 ng/ul
RT: 26.704 min Scan# 5940
Delta R.T. 0.104 min
Lab File: BN027946.D
Acq: 29 Sep 2023 03:56

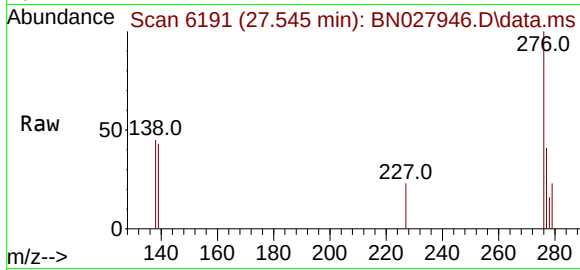
Tgt Ion:276 Resp: 131136
Ion Ratio Lower Upper
276 100
138 19.5 24.3 36.5#
227 2.7 0.0 0.0#





#29
 Benzo(g,h,i)perylene
 Concen: 3.705 ng/ul
 RT: 27.545 min Scan# 61
 Delta R.T. 0.135 min
 Lab File: BN027946.D
 Acq: 29 Sep 2023 03:56

Instrument :
 BNA_N
 ClientSampleId :
 EZYF0



Tgt Ion:276 Resp: 301150
 Ion Ratio Lower Upper
 276 100
 138 44.8 21.7 32.5
 277 40.7 20.2 30.2

Manual Integrations
 APPROVED

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

