

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112423\
 Data File : BN028866.D
 Acq On : 24 Nov 2023 20:00
 Operator : MA/JU
 Sample : PB157190BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS190

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/27/2023
 Supervised By :mohammad ahmed 11/28/2023

Quant Time: Nov 25 01:03:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 21 23:49:43 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.845	152	4980m	0.400	ng/ul	0.11
4) Naphthalene-d8	10.490	136	13734m	0.400	ng/ul	0.03
9) Acenaphthene-d10	14.303	164	8191	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.078	188	11614m	0.400	ng/ul	0.02
17) Chrysene-d12	21.279	240	8888	0.400	ng/ul	# 0.00
23) Perylene-d12	23.550	264	8931	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.108	96	4659m	0.846	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.123	152	4916m	0.238	ng/ul	0.05
18) Fluoranthene-d10	19.099	212	11619	0.406	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.137	88	13334m	2.192	ng/ul	
5) Naphthalene	10.545	128	10222	0.266	ng/ul#	92
7) 2-Methylnaphthalene	12.189	142	5514m	0.217	ng/ul	
8) 1-Methylnaphthalene	12.354	142	6081	0.236	ng/ul	100
10) Acenaphthylene	14.034	152	12773	0.312	ng/ul	97
11) Acenaphthene	14.363	153	10826	0.360	ng/ul	98
12) Fluorene	15.385	166	8529	0.244	ng/ul	99
14) Pentachlorophenol	16.736	266	1730	0.621	ng/ul	100
15) Phenanthrene	17.116	178	12544	0.352	ng/ul#	95
16) Anthracene	17.238	178	6979	0.213	ng/ul#	91
19) Fluoranthene	19.132	202	14885	0.394	ng/ul	98
20) Pyrene	19.490	202	17179	0.438	ng/ul#	94
21) Benzo(a)anthracene	21.267	228	8565	0.244	ng/ul	96
22) Chrysene	21.314	228	11848	0.345	ng/ul	98
24) Benzo(b)fluoranthene	22.863	252	11130	0.332	ng/ul	78
25) Benzo(k)fluoranthene	22.909	252	13466	0.384	ng/ul#	82
26) Benzo(a)pyrene	23.462	252	12083	0.382	ng/ul#	69
27) Indeno(1,2,3-cd)pyrene	25.884	276	15392	0.438	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.911	278	11725	0.418	ng/ul#	89
29) Benzo(g,h,i)perylene	26.589	276	14100	0.490	ng/ul	95

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

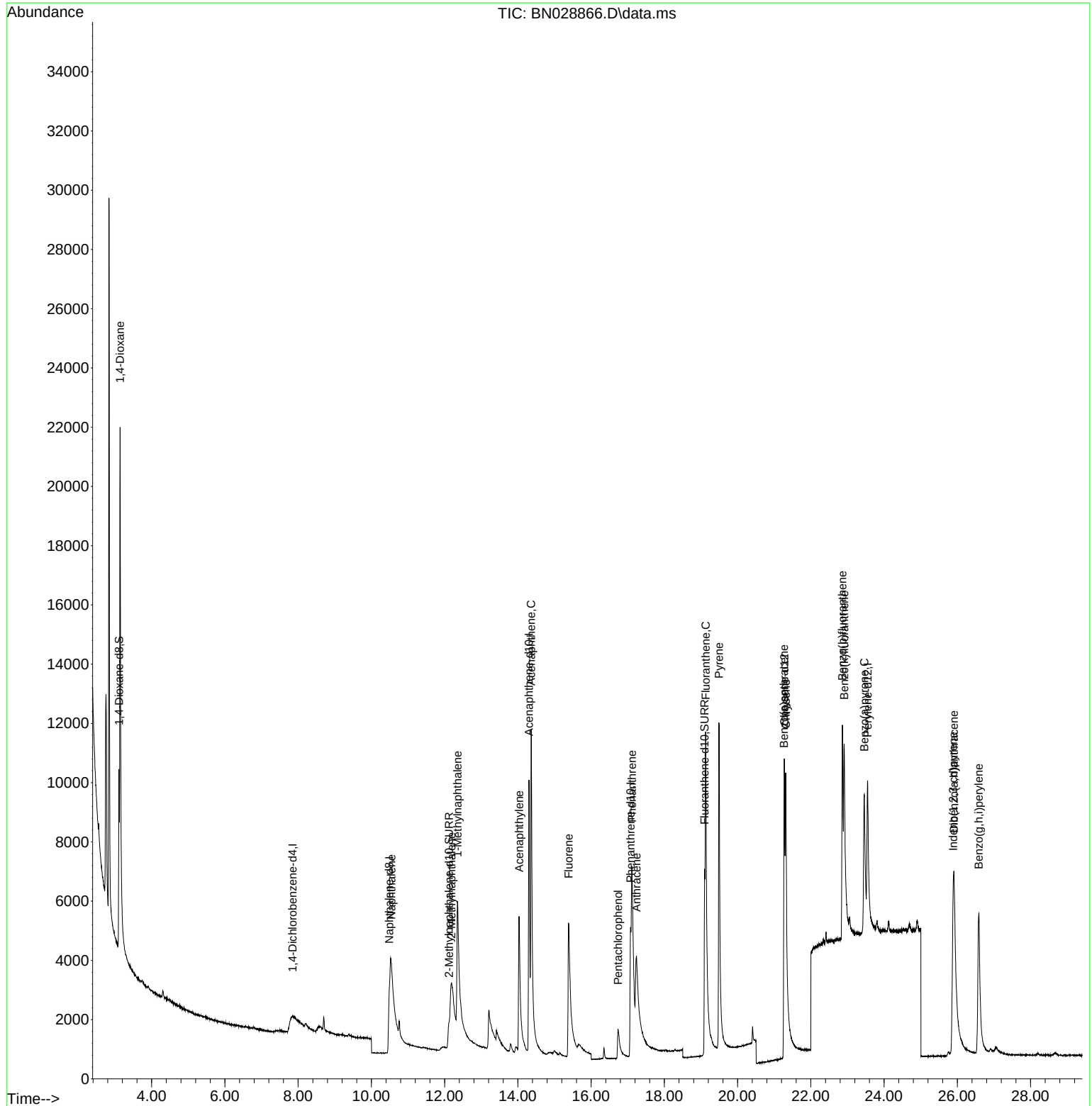
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112423\
Data File : BN028866.D
Acq On : 24 Nov 2023 20:00
Operator : MA/JU
Sample : PB157190BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

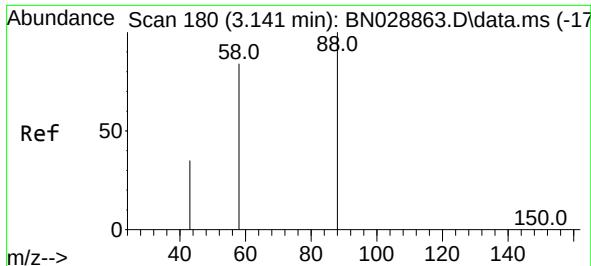
Instrument :
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SLCS190

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Supervised By :mohammad ahmed 11/28/2023

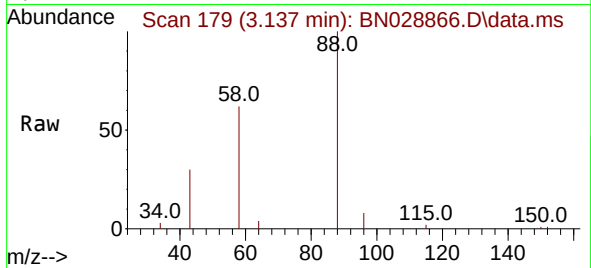
Quant Time: Nov 25 01:03:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 21 23:49:43 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 2.192 ng/ul m
RT: 3.137 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN028866.D
Acq: 24 Nov 2023 20:00

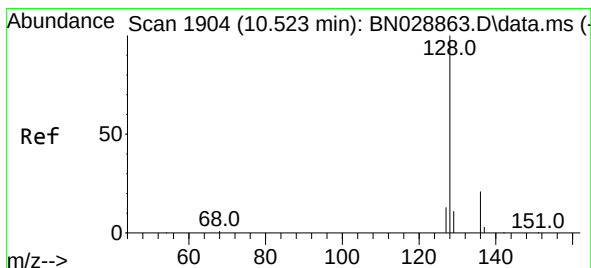
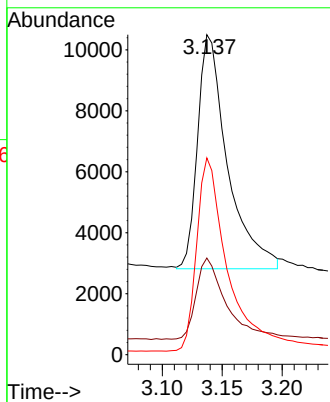
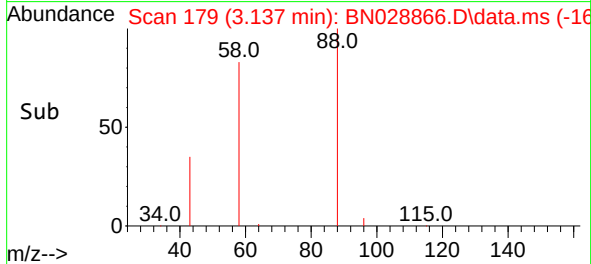
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Tgt Ion: 88 Resp: 13334
Ion Ratio Lower Upper
88 100
43 30.2 32.9 49.3#
58 61.5 41.8 62.8

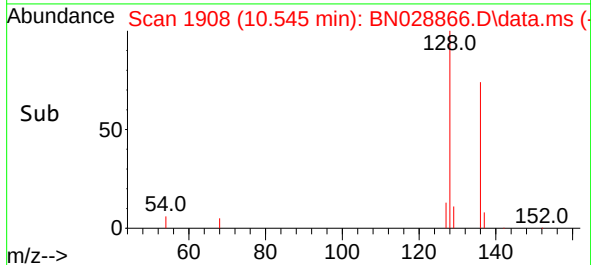
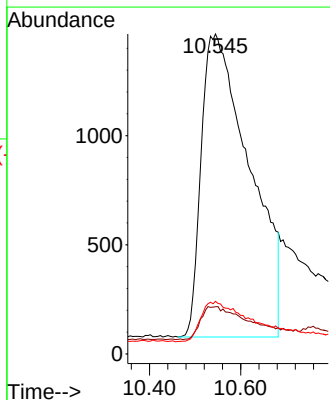
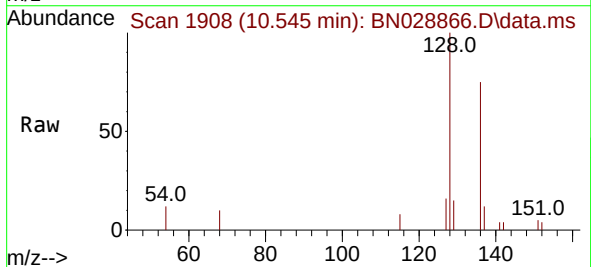
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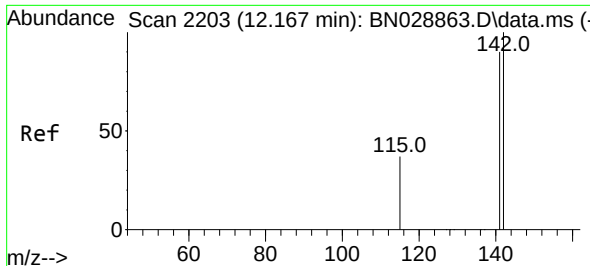
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#5
Naphthalene
Concen: 0.266 ng/ul
RT: 10.545 min Scan# 1908
Delta R.T. 0.038 min
Lab File: BN028866.D
Acq: 24 Nov 2023 20:00

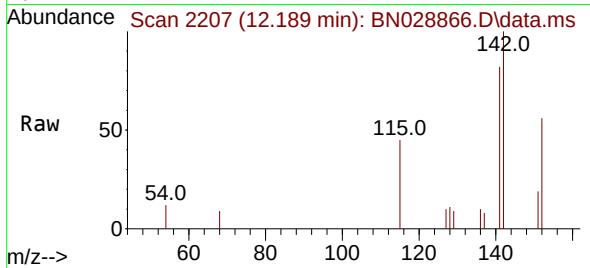
Tgt Ion:128 Resp: 10222
Ion Ratio Lower Upper
128 100
129 14.7 9.2 13.8#
127 16.4 10.7 16.1#





#7
2-Methylnaphthalene
Concen: 0.217 ng/ul m
RT: 12.189 min Scan# 2207
Delta R.T. 0.049 min
Lab File: BN028866.D
Acq: 24 Nov 2023 20:00

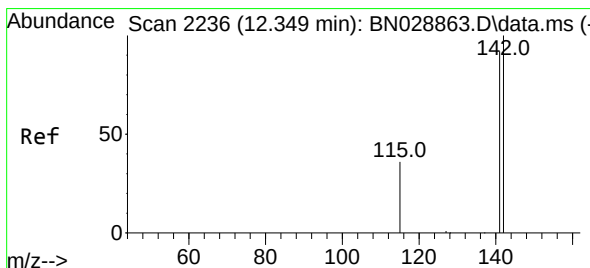
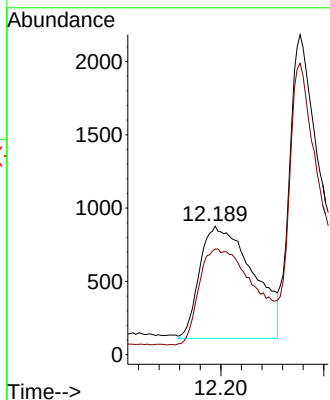
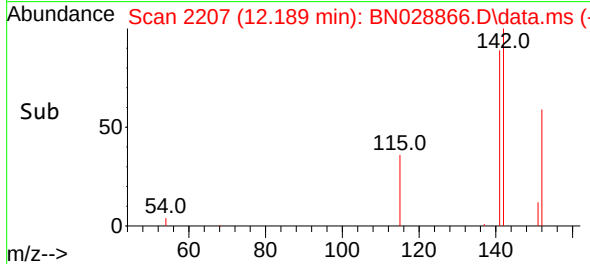
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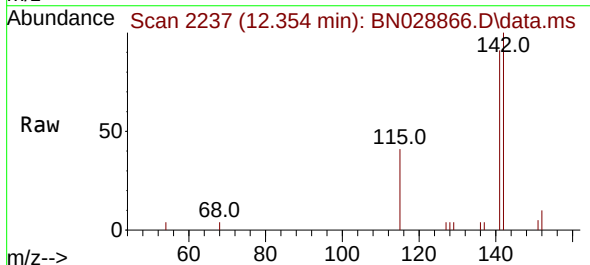
Tgt Ion:142 Resp: 5514
Ion Ratio Lower Upper
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141 46.3 70.8 106.2

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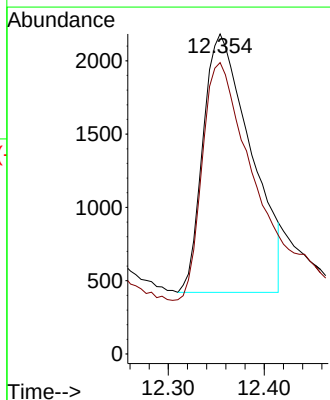
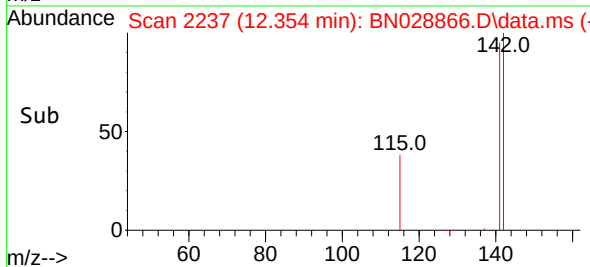
Reviewed By :Yogesh Patel 11/27/2023
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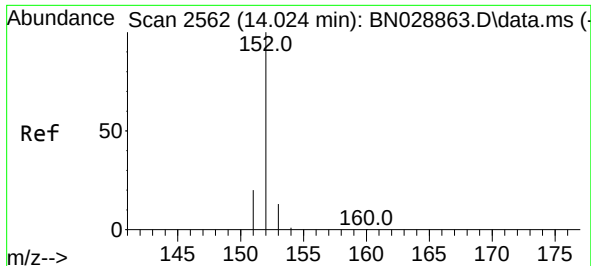


#8
1-Methylnaphthalene
Concen: 0.236 ng/ul
RT: 12.354 min Scan# 2237
Delta R.T. 0.016 min
Lab File: BN028866.D
Acq: 24 Nov 2023 20:00



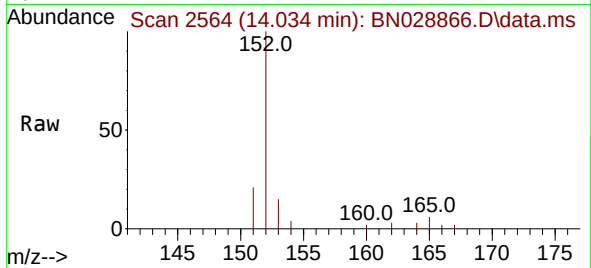
Tgt Ion:142 Resp: 6081
Ion Ratio Lower Upper
142 100
141 92.9 74.1 111.1





#10
Acenaphthylene
Concen: 0.312 ng/ul
RT: 14.034 min Scan# 2562
Delta R.T. 0.009 min
Lab File: BN028866.D
Acq: 24 Nov 2023 20:00

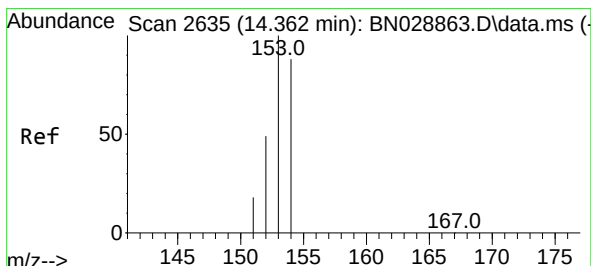
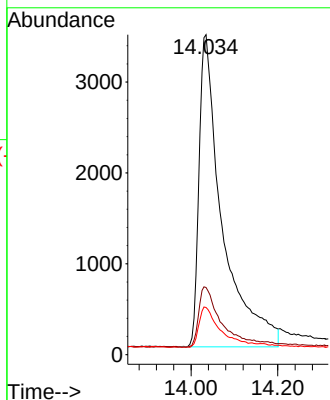
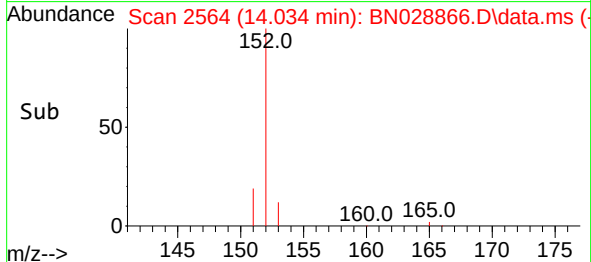
Instrument :
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Tgt Ion:152 Resp: 1277
Ion Ratio Lower Upper
152 100
151 21.0 16.1 24.1
153 14.7 10.6 15.8

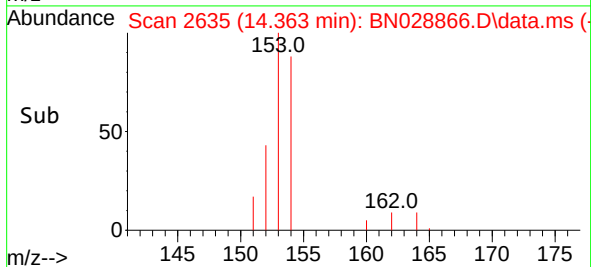
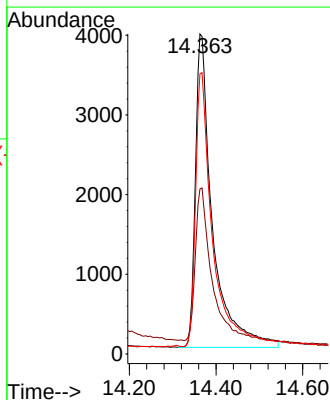
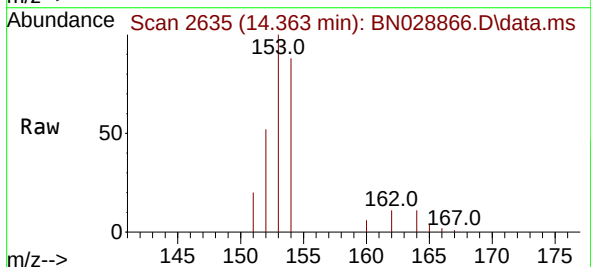
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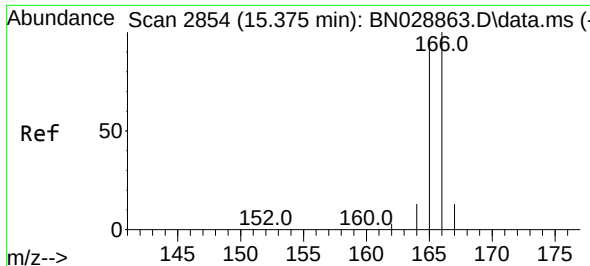
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#11
Acenaphthene
Concen: 0.360 ng/ul
RT: 14.363 min Scan# 2635
Delta R.T. -0.000 min
Lab File: BN028866.D
Acq: 24 Nov 2023 20:00

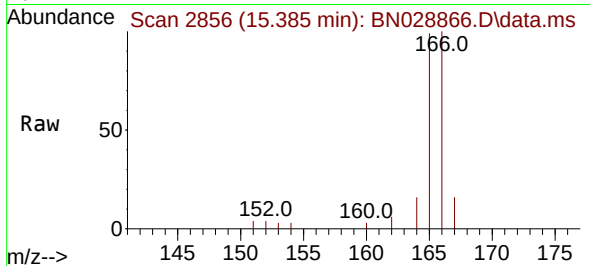
Tgt Ion:153 Resp: 10826
Ion Ratio Lower Upper
153 100
152 51.5 39.6 59.4
154 87.6 71.0 106.6





#12
Fluorene
Concen: 0.244 ng/ul
RT: 15.385 min Scan# 2854
Delta R.T. 0.018 min
Lab File: BN028866.D
Acq: 24 Nov 2023 20:00

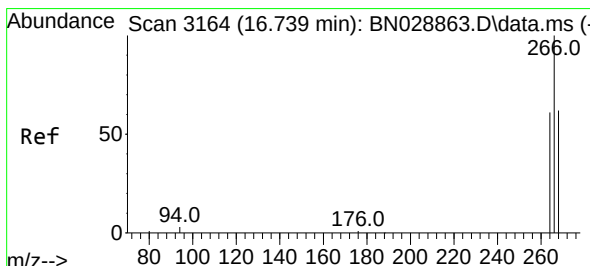
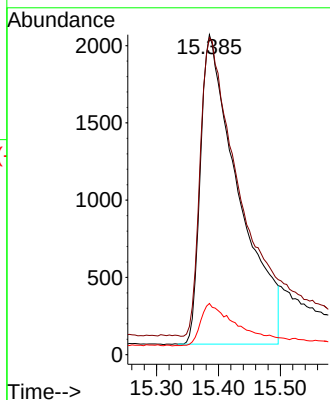
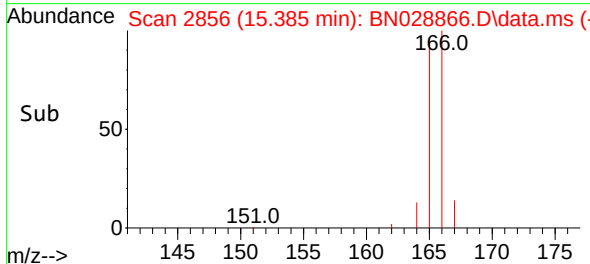
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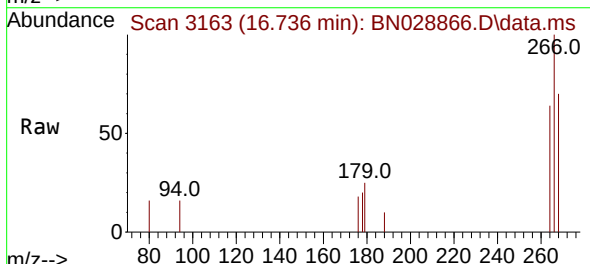
Tgt Ion:166 Resp: 8529
Ion Ratio Lower Upper
166 100
165 99.1 78.6 118.0
167 16.0 11.0 16.6

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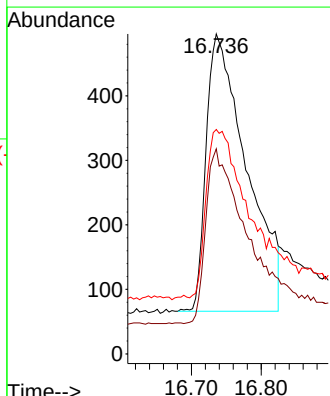
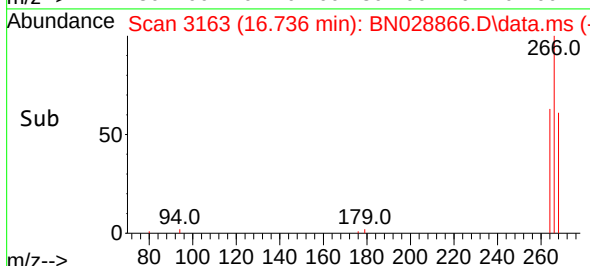
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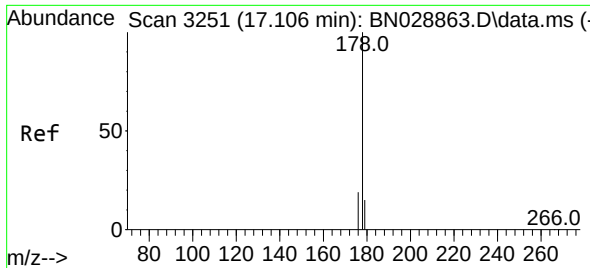


#14
Pentachlorophenol
Concen: 0.621 ng/ul
RT: 16.736 min Scan# 3163
Delta R.T. 0.013 min
Lab File: BN028866.D
Acq: 24 Nov 2023 20:00



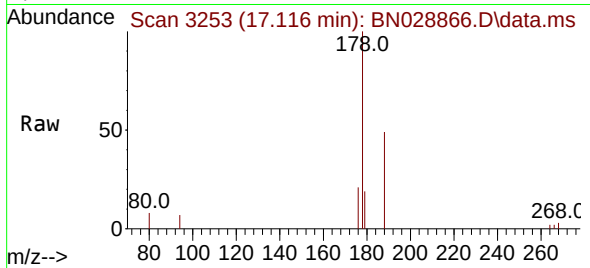
Tgt Ion:266 Resp: 1730
Ion Ratio Lower Upper
266 100
264 62.5 50.1 75.1
268 63.0 50.6 75.8





#15
Phenanthrene
Concen: 0.352 ng/u1
RT: 17.116 min Scan# 31
Delta R.T. 0.013 min
Lab File: BN028866.D
Acq: 24 Nov 2023 20:00

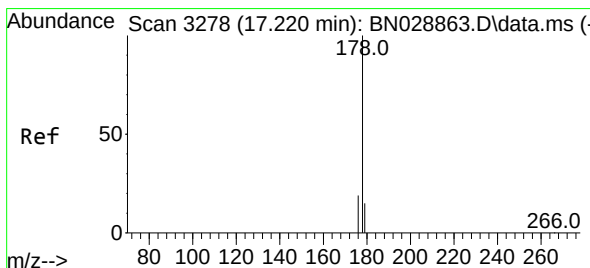
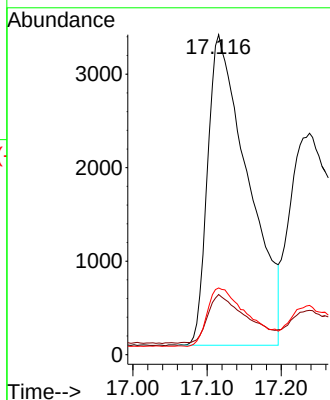
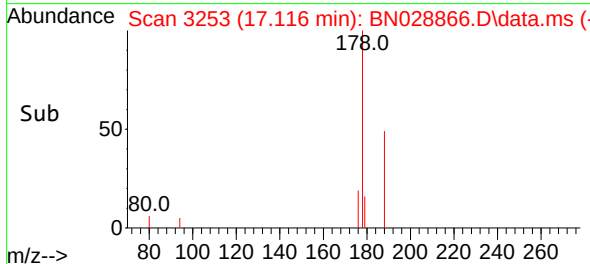
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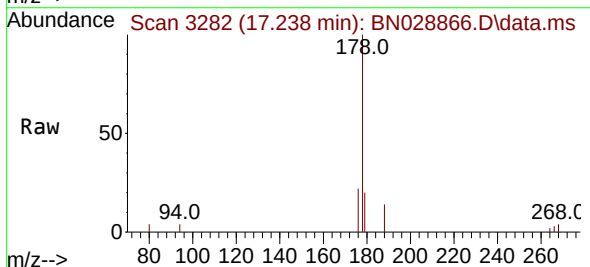
Tgt Ion:178 Resp: 12544
Ion Ratio Lower Upper
178 100
179 18.8 12.4 18.6
176 20.8 15.4 23.2

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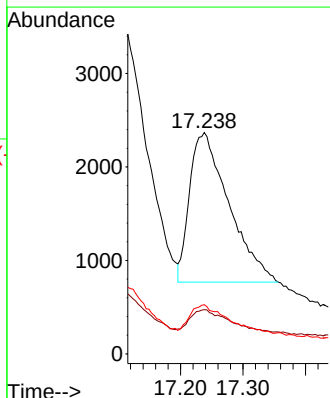
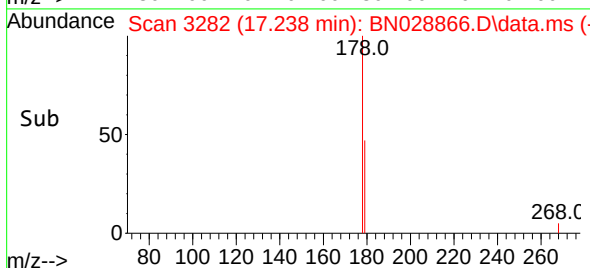
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Supervised By :mohammad ahmed 11/28/2023

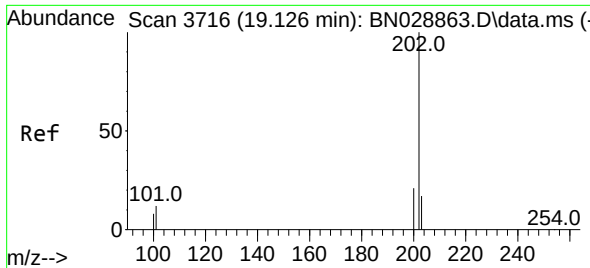


#16
Anthracene
Concen: 0.213 ng/u1
RT: 17.238 min Scan# 3282
Delta R.T. 0.034 min
Lab File: BN028866.D
Acq: 24 Nov 2023 20:00



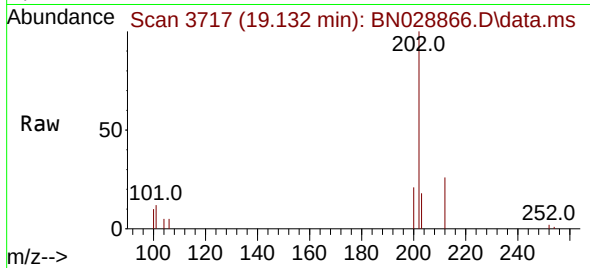
Tgt Ion:178 Resp: 6979
Ion Ratio Lower Upper
178 100
179 20.0 12.6 18.8#
176 22.2 14.9 22.3





#19
Fluoranthene
Concen: 0.394 ng/u1
RT: 19.132 min Scan# 3717
Delta R.T. 0.009 min
Lab File: BN028866.D
Acq: 24 Nov 2023 20:00

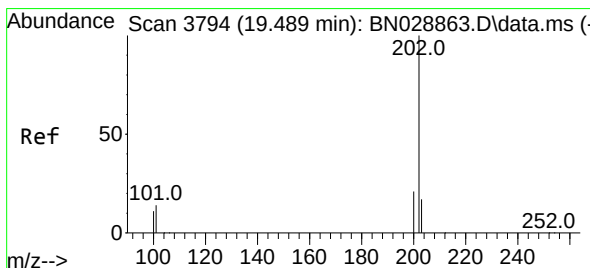
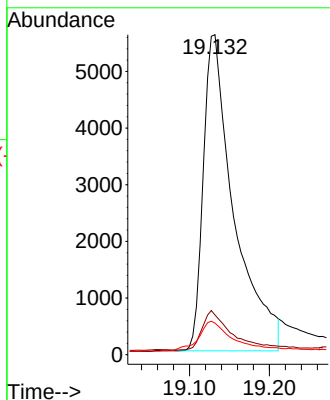
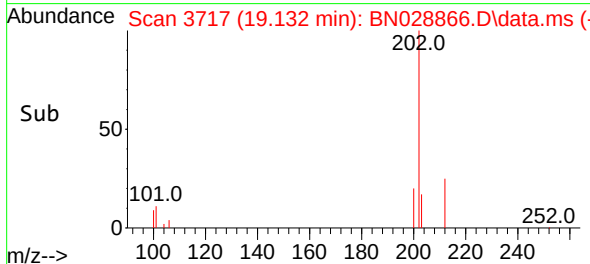
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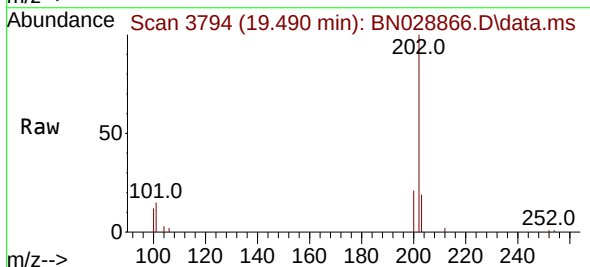
Tgt Ion:202 Resp: 1488
Ion Ratio Lower Upper
202 100
101 12.4 9.5 14.3
100 9.9 7.2 10.8

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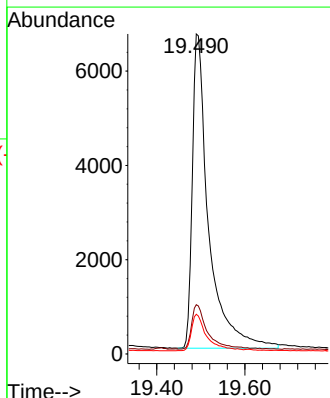
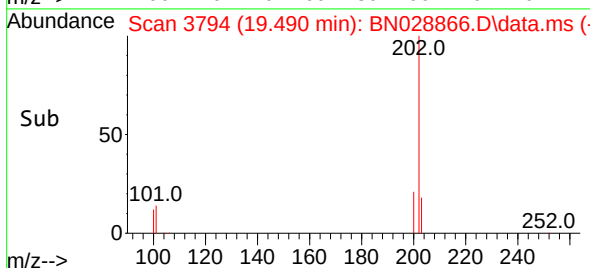
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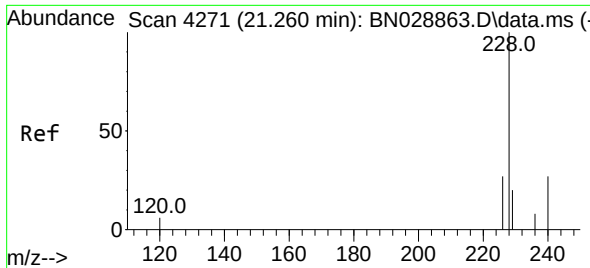


#20
Pyrene
Concen: 0.438 ng/u1
RT: 19.490 min Scan# 3794
Delta R.T. 0.005 min
Lab File: BN028866.D
Acq: 24 Nov 2023 20:00



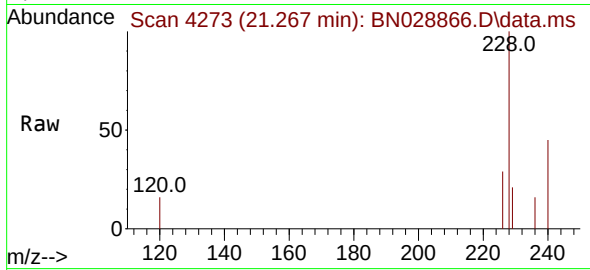
Tgt Ion:202 Resp: 17179
Ion Ratio Lower Upper
202 100
101 15.4 10.3 15.5
100 12.4 8.2 12.2#





#21
Benzo(a)anthracene
Concen: 0.244 ng/ul
RT: 21.267 min Scan# 4271
Delta R.T. 0.012 min
Lab File: BN028866.D
Acq: 24 Nov 2023 20:00

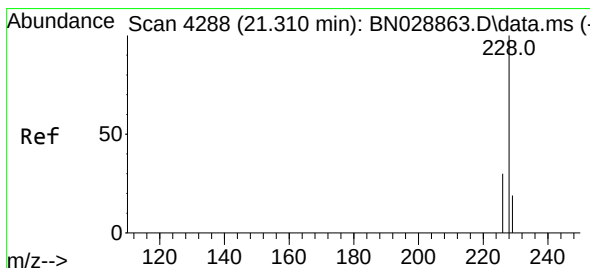
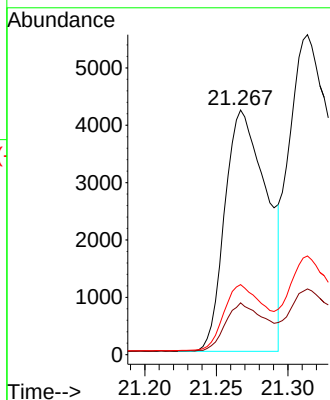
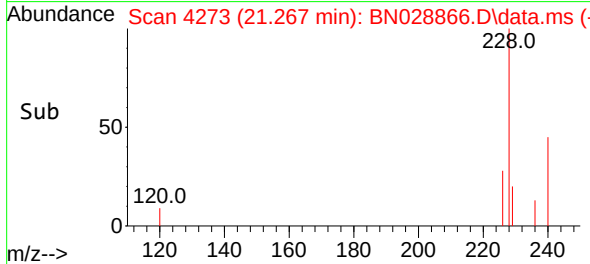
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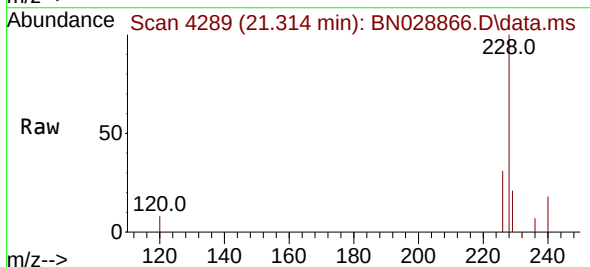
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Ion Ratio Lower Upper
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229 21.2 15.7 23.5
226 28.7 21.4 32.0

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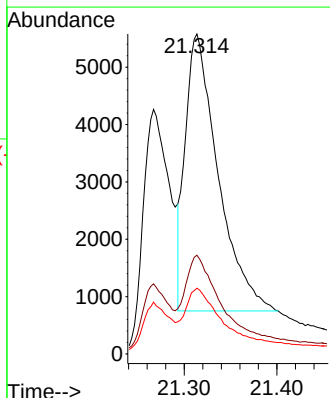
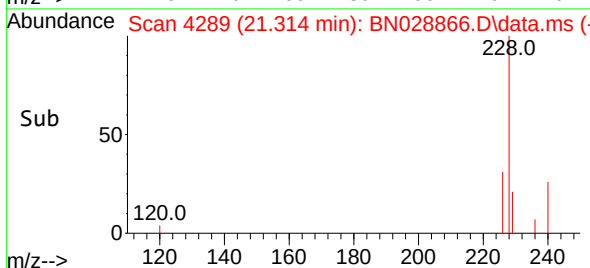
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023

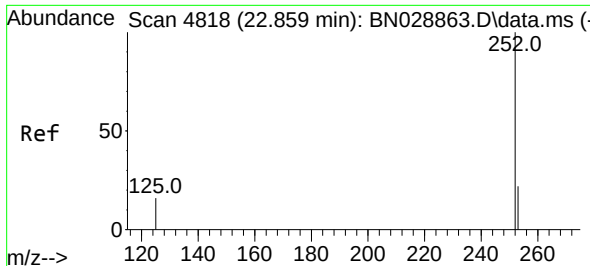


#22
Chrysene
Concen: 0.345 ng/ul
RT: 21.314 min Scan# 4289
Delta R.T. 0.009 min
Lab File: BN028866.D
Acq: 24 Nov 2023 20:00



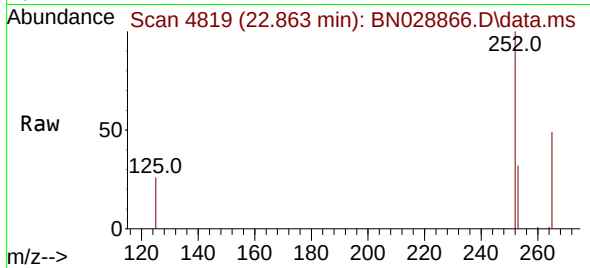
Tgt Ion:228 Resp: 11848
Ion Ratio Lower Upper
228 100
226 30.8 23.8 35.8
229 20.6 15.4 23.2





#24
Benzo(b)fluoranthene
Concen: 0.332 ng/ul
RT: 22.863 min Scan# 4819
Delta R.T. 0.009 min
Lab File: BN028866.D
Acq: 24 Nov 2023 20:00

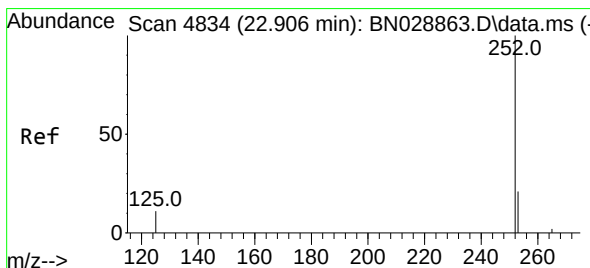
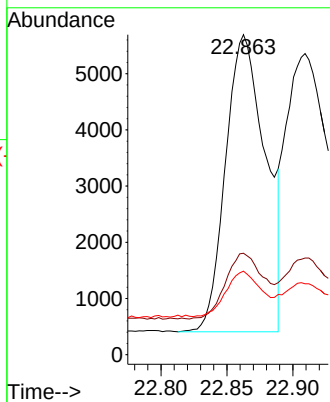
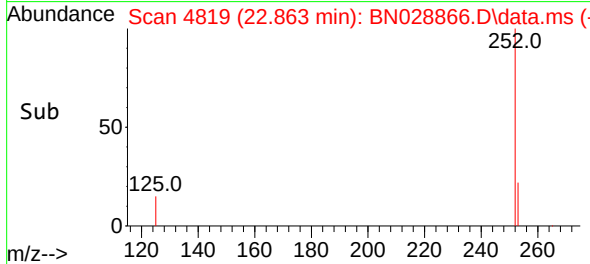
Instrument :
BNA_N
ClientSampleId :
SLCS190



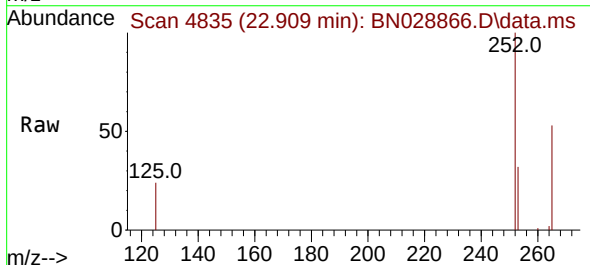
Tgt Ion:252 Resp: 11130
Ion Ratio Lower Upper
252 100
253 31.7 0.0 46.6
125 26.1 0.0 27.6

Manual Integrations
APPROVED

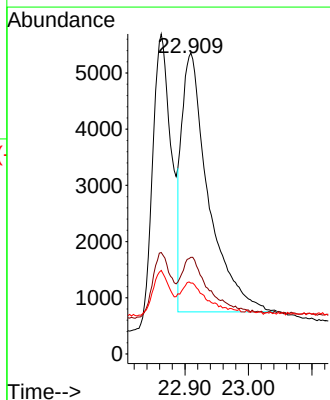
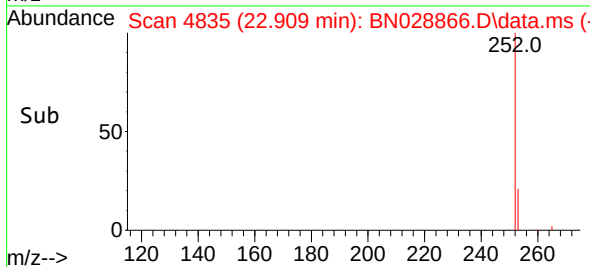
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023

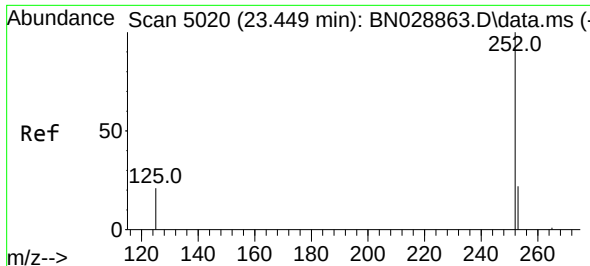


#25
Benzo(k)fluoranthene
Concen: 0.384 ng/ul
RT: 22.909 min Scan# 4835
Delta R.T. 0.006 min
Lab File: BN028866.D
Acq: 24 Nov 2023 20:00



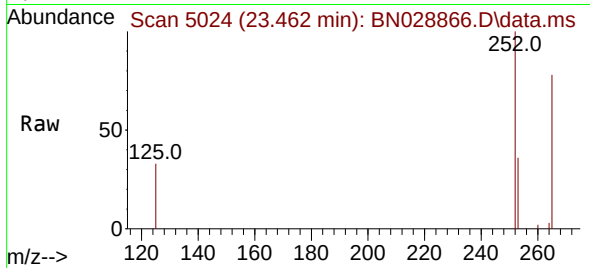
Tgt Ion:252 Resp: 13466
Ion Ratio Lower Upper
252 100
253 32.1 18.6 28.0#
125 23.5 12.7 19.1#





#26
Benzo(a)pyrene
Concen: 0.382 ng/ul
RT: 23.462 min Scan# 5024
Delta R.T. 0.017 min
Lab File: BN028866.D
Acq: 24 Nov 2023 20:00

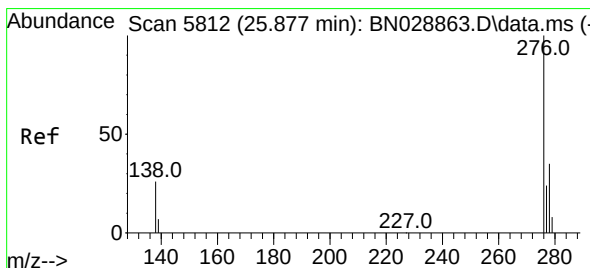
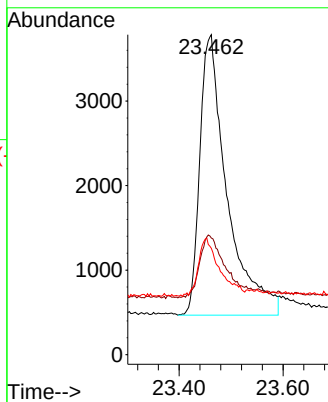
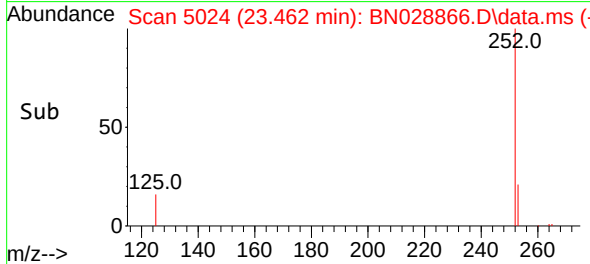
Instrument :
BNA_N
ClientSampleId :
SLCS190



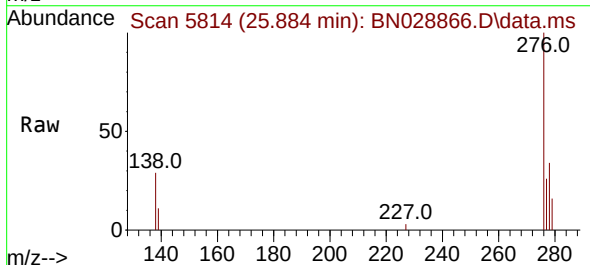
Tgt Ion:252 Resp: 1208
Ion Ratio Lower Upper
252 100
253 36.5 19.0 28.6
125 33.2 13.2 19.8

Manual Integrations
APPROVED

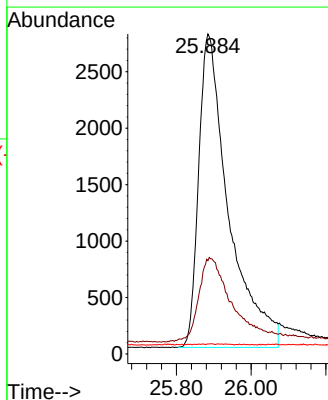
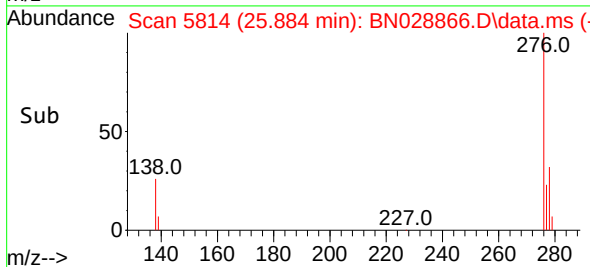
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023

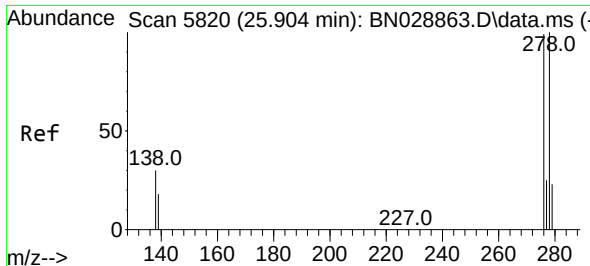


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.438 ng/ul
RT: 25.884 min Scan# 5814
Delta R.T. 0.010 min
Lab File: BN028866.D
Acq: 24 Nov 2023 20:00



Tgt Ion:276 Resp: 15392
Ion Ratio Lower Upper
276 100
138 29.7 23.8 35.6
227 0.1 0.1 0.1





#28

Dibenzo(a,h)anthracene

Concen: 0.418 ng/ul

RT: 25.911 min Scan# 5820

Delta R.T. 0.013 min

Lab File: BN028866.D

Acq: 24 Nov 2023 20:00

Instrument :

BNA_N

ClientSampleId :

SLCS190

Tgt Ion:278 Resp: 1172

Ion Ratio Lower Upper

278 100

139 25.5 18.2 27.4

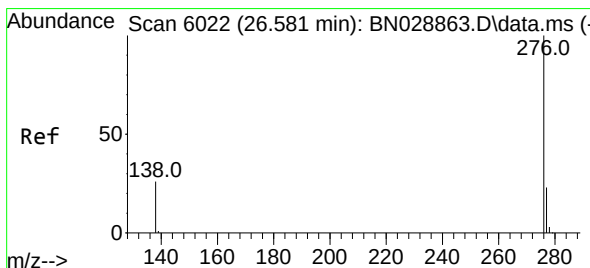
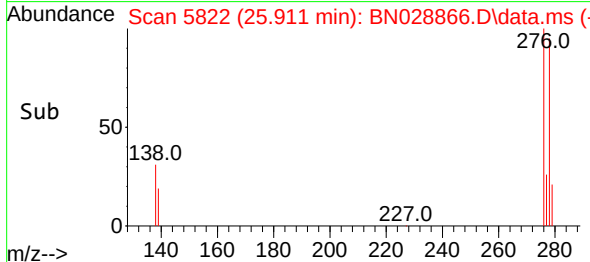
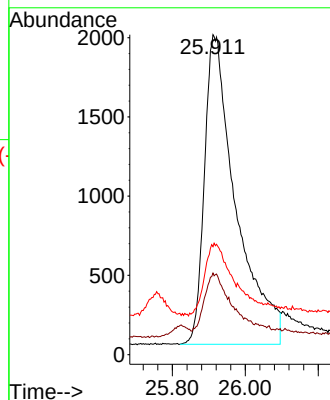
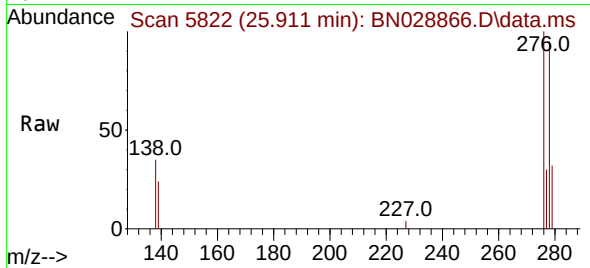
279 33.7 20.7 31.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2023

Supervised By :mohammad ahmed 11/28/2023



#29

Benzo(g,h,i)perylene

Concen: 0.490 ng/ul

RT: 26.589 min Scan# 6024

Delta R.T. 0.010 min

Lab File: BN028866.D

Acq: 24 Nov 2023 20:00

Tgt Ion:276 Resp: 14100

Ion Ratio Lower Upper

276 100

138 28.8 20.5 30.7

277 25.6 19.4 29.0

