

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027021.D
 Acq On : 22 Aug 2023 09:44
 Operator : MA/JU
 Sample : 03968-24
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48P0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/23/2023
 Supervised By :mohammad ahmed 08/24/2023

Quant Time: Aug 22 10:44:54 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 18 13:11:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.097	152	10205	0.400	ng/ul	0.00
4) Naphthalene-d8	10.927	136	33748	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.726	164	19261	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.472	188	42713	0.400	ng/ul	0.00
17) Chrysene-d12	21.650	240	33704	0.400	ng/ul	0.00
23) Perylene-d12	24.190	264	27424	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	32793	2.707	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.495	152	7387	0.149	ng/ul	0.00
18) Fluoranthene-d10	19.487	212	17150	0.161	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.977	128	19517	0.205	ng/ul	99
7) 2-Methylnaphthalene	12.572	142	8373	0.145	ng/ul	99
8) 1-Methylnaphthalene	12.786	142	5328	0.088	ng/ul	100
10) Acenaphthylene	14.458	152	59262	0.549	ng/ul	99
11) Acenaphthene	14.786	153	10677	0.143	ng/ul	98
12) Fluorene	15.771	166	11689	0.138	ng/ul	99
14) Pentachlorophenol	17.097	266	428	0.035	ng/ul	95
15) Phenanthrene	17.515	178	281825	2.008	ng/ul	100
16) Anthracene	17.607	178	65922	0.520	ng/ul	100
19) Fluoranthene	19.520	202	740311	5.288	ng/ul	99
20) Pyrene	19.887	202	715361m	4.789	ng/ul	
21) Benzo(a)anthracene	21.632	228	364270	2.717	ng/ul	98
22) Chrysene	21.685	228	379272	2.867	ng/ul	98
24) Benzo(b)fluoranthene	23.404	252	491510m	4.738	ng/ul	
25) Benzo(k)fluoranthene	23.451	252	144870m	1.416	ng/ul	
26) Benzo(a)pyrene	24.079	252	298478	3.189	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.877	276	197794	1.615	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.891	278	46158	0.473	ng/ul#	88
29) Benzo(g,h,i)perylene	27.716	276	198075	1.943	ng/ul	100

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

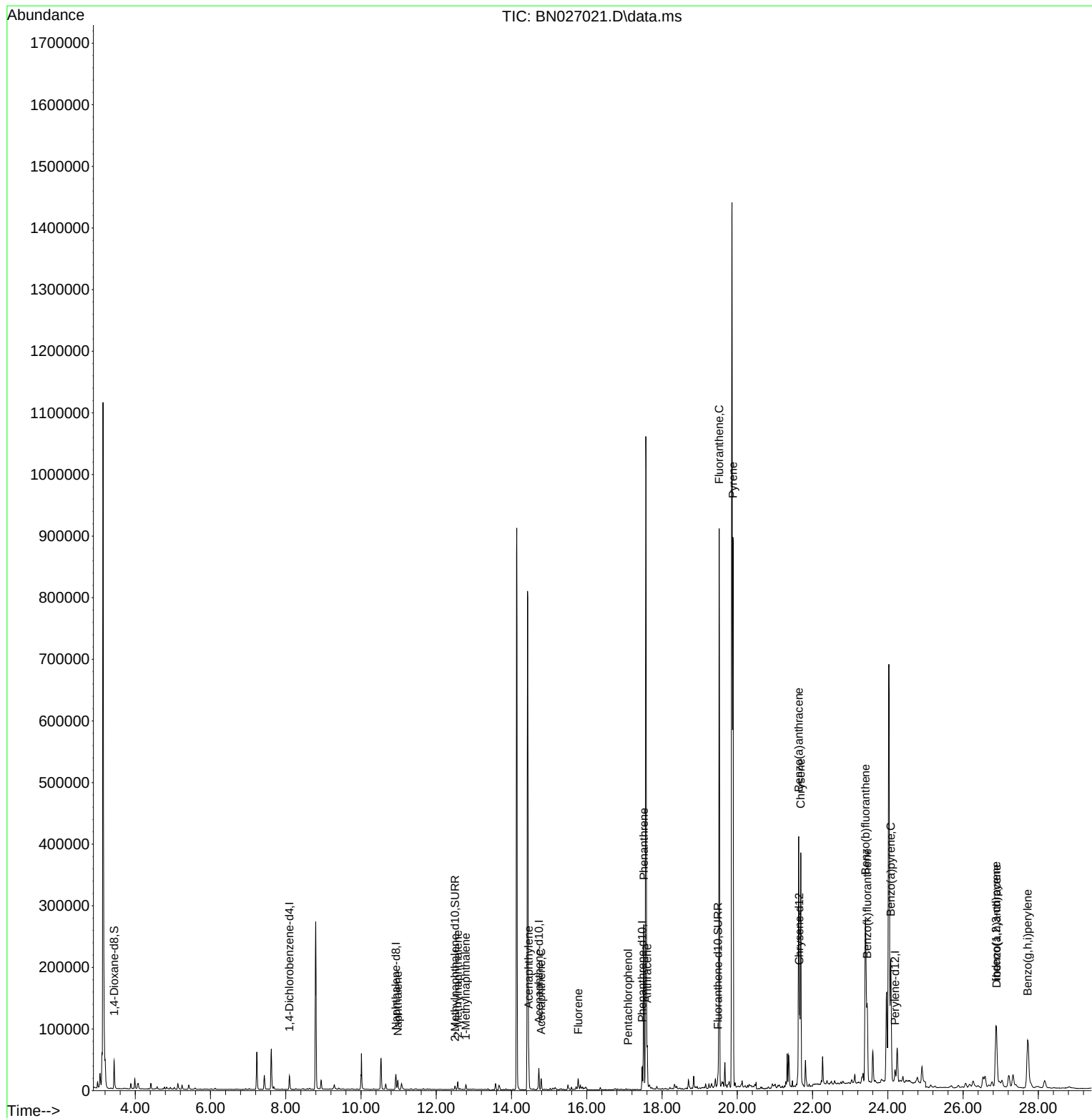
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
Data File : BN027021.D
Acq On : 22 Aug 2023 09:44
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Sample : 03968-24
Misc :
ALS Vial : 39 Sample Multiplier: 1

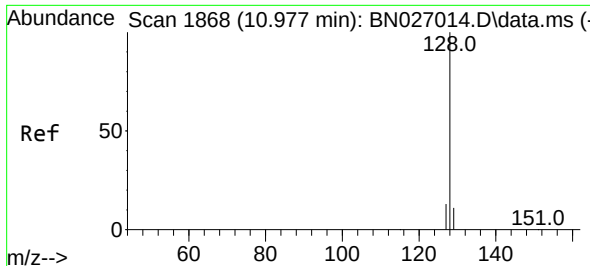
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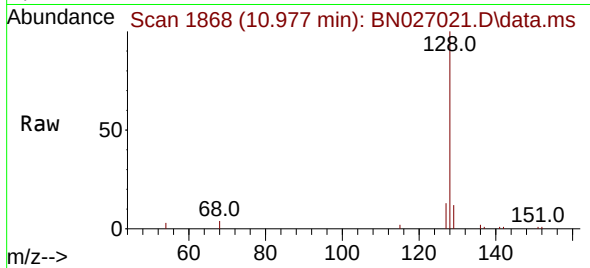
Quant Time: Aug 22 10:44:54 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 18 13:11:26 2023
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#5
Naphthalene
Concen: 0.205 ng/ul
RT: 10.977 min Scan# 1868
Delta R.T. -0.006 min
Lab File: BN027021.D
Acq: 22 Aug 2023 09:44

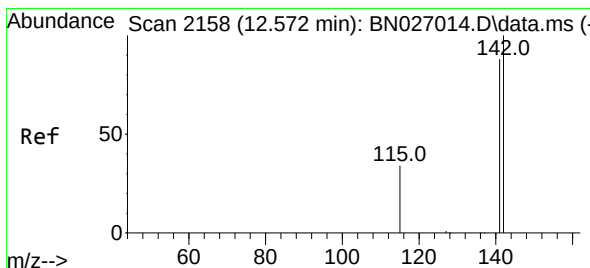
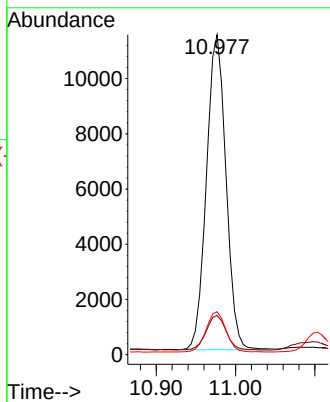
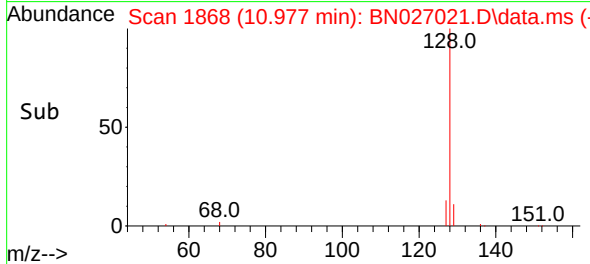
Instrument :
BNA_N
ClientSampleId :
A48P0



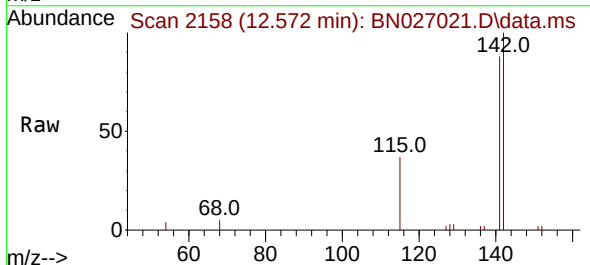
Tgt Ion:128 Resp: 1951
Ion Ratio Lower Upper
128 100
129 12.3 9.2 13.8
127 13.5 10.5 15.7

Manual Integrations
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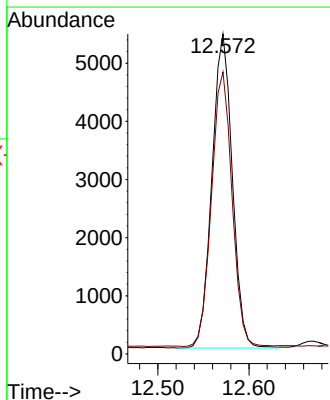
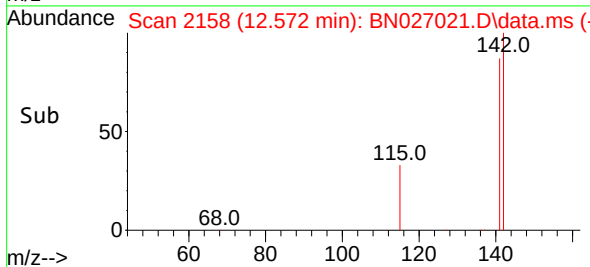
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/24/2023

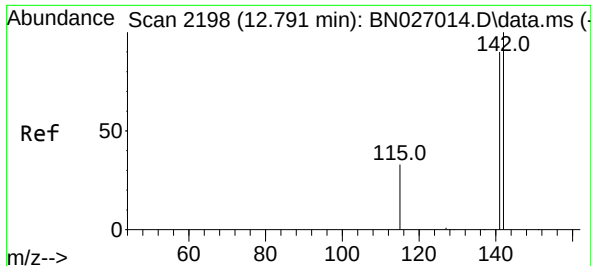


#7
2-Methylnaphthalene
Concen: 0.145 ng/ul
RT: 12.572 min Scan# 2158
Delta R.T. -0.006 min
Lab File: BN027021.D
Acq: 22 Aug 2023 09:44



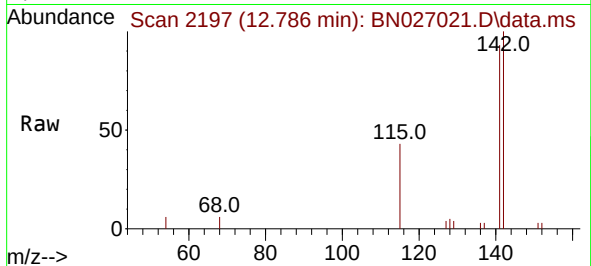
Tgt Ion:142 Resp: 8373
Ion Ratio Lower Upper
142 100
141 87.9 70.9 106.3





#8
1-Methylnaphthalene
Concen: 0.088 ng/ul
RT: 12.786 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BN027021.D
Acq: 22 Aug 2023 09:44

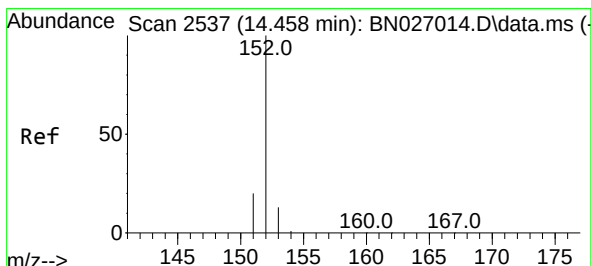
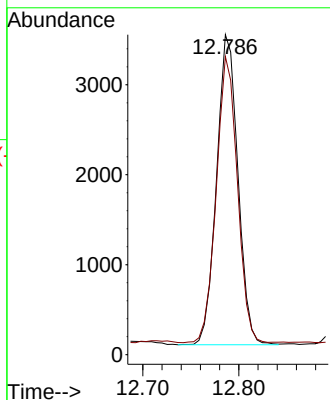
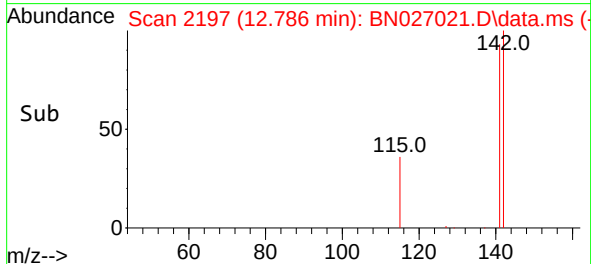
Instrument :
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Tgt Ion:142 Resp: 5328
Ion Ratio Lower Upper
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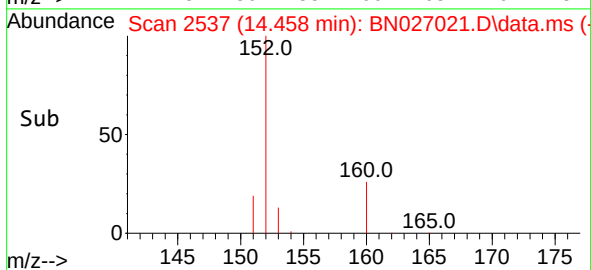
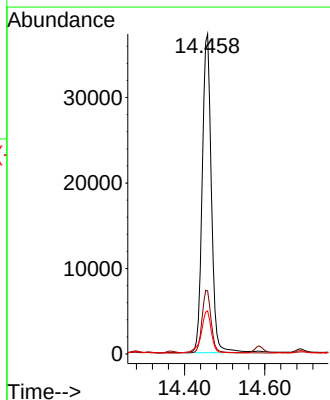
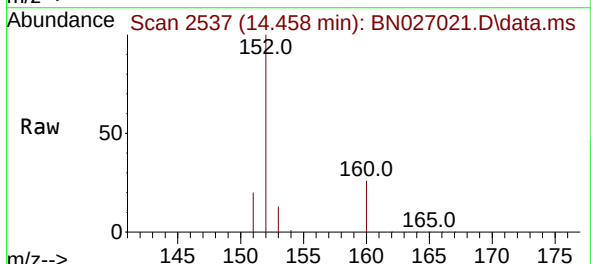
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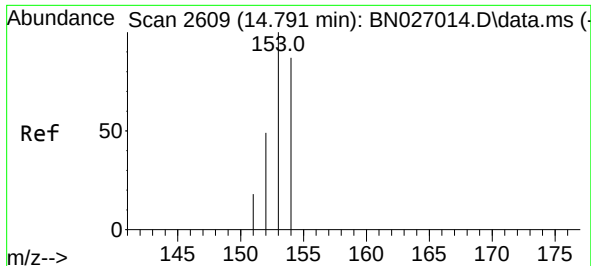
Reviewed By :Yogesh Patel 08/23/2023
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#10
Acenaphthylene
Concen: 0.549 ng/ul
RT: 14.458 min Scan# 2537
Delta R.T. -0.000 min
Lab File: BN027021.D
Acq: 22 Aug 2023 09:44

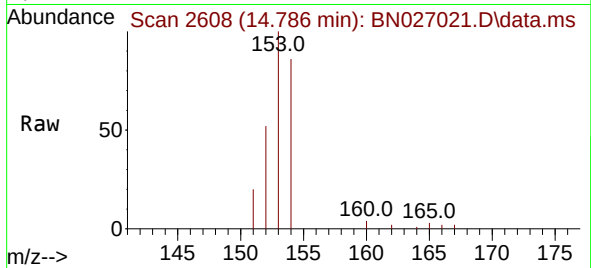
Tgt Ion:152 Resp: 59262
Ion Ratio Lower Upper
152 100
151 19.7 15.9 23.9
153 13.4 11.0 16.6





#11
Acenaphthene
Concen: 0.143 ng/ul
RT: 14.786 min Scan# 2608
Delta R.T. -0.005 min
Lab File: BN027021.D
Acq: 22 Aug 2023 09:44

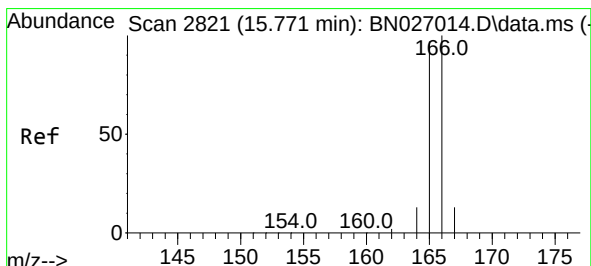
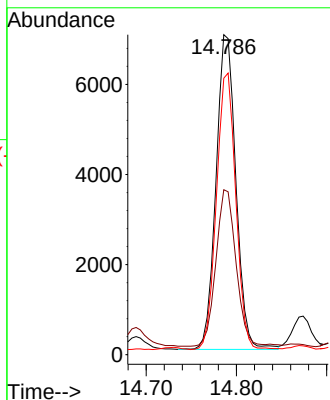
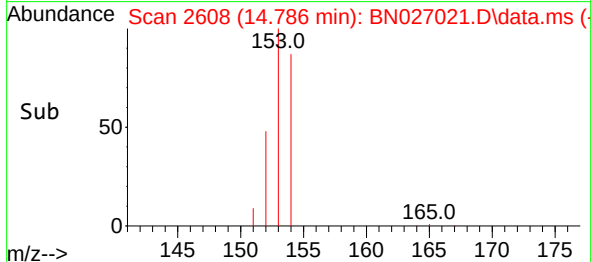
Instrument :
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ClientSampleId :
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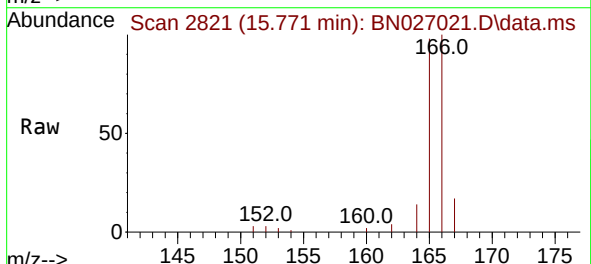
Tgt Ion:153 Resp: 1067
Ion Ratio Lower Upper
153 100
152 51.6 41.1 61.7
154 86.4 71.6 107.4

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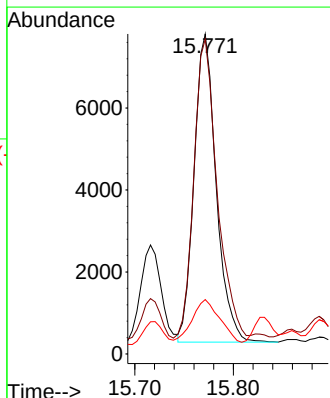
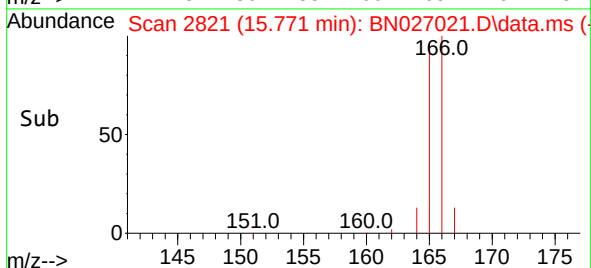
Reviewed By :Yogesh Patel 08/23/2023
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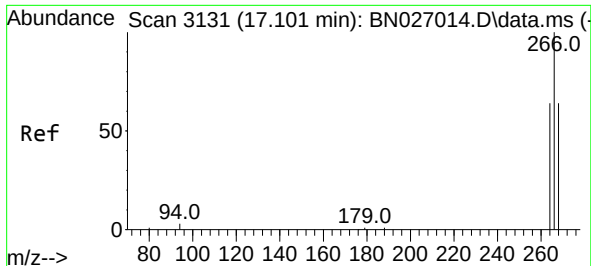


#12
Fluorene
Concen: 0.138 ng/ul
RT: 15.771 min Scan# 2821
Delta R.T. -0.000 min
Lab File: BN027021.D
Acq: 22 Aug 2023 09:44



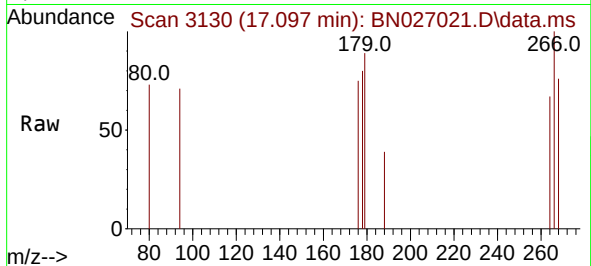
Tgt Ion:166 Resp: 11689
Ion Ratio Lower Upper
166 100
165 98.4 79.1 118.7
167 17.0 11.4 17.0





#14
Pentachlorophenol
Concen: 0.035 ng/u1
RT: 17.097 min Scan# 3131
Delta R.T. -0.004 min
Lab File: BN027021.D
Acq: 22 Aug 2023 09:44

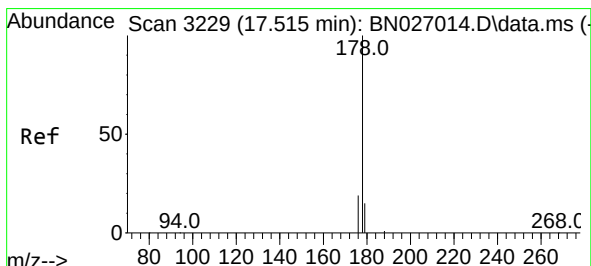
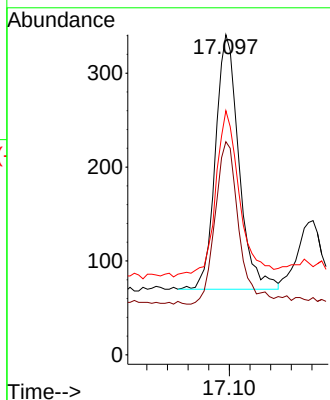
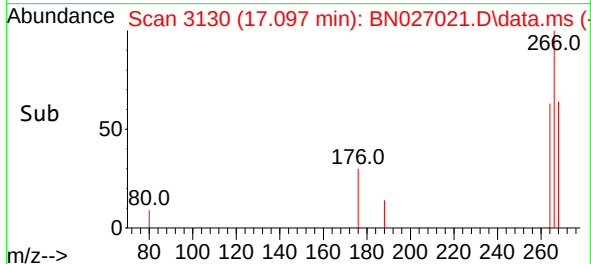
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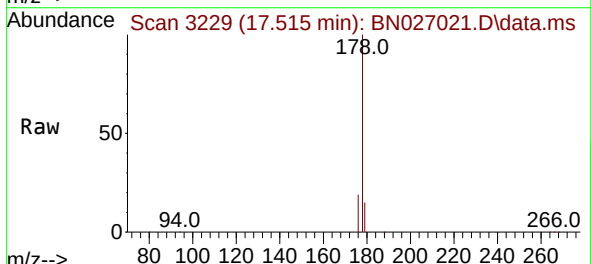
Tgt Ion:266 Resp: 428
Ion Ratio Lower Upper
266 100
264 67.5 50.4 75.6
268 67.5 51.2 76.8

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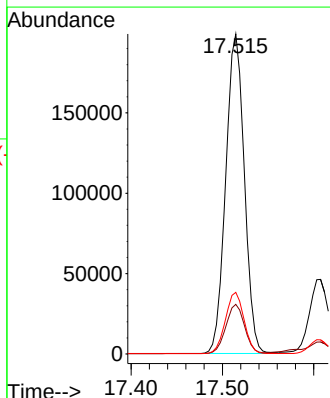
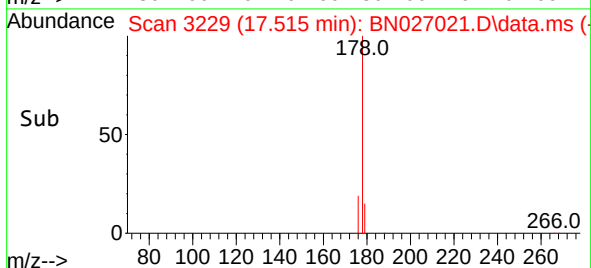
Reviewed By :Yogesh Patel 08/23/2023
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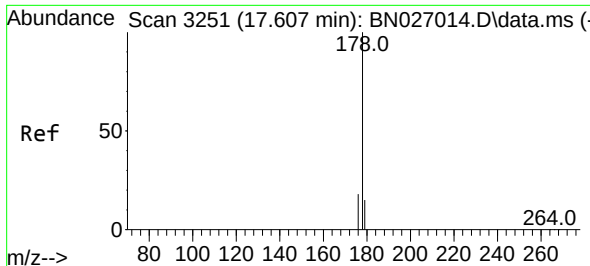


#15
Phenanthrene
Concen: 2.008 ng/u1
RT: 17.515 min Scan# 3229
Delta R.T. -0.004 min
Lab File: BN027021.D
Acq: 22 Aug 2023 09:44



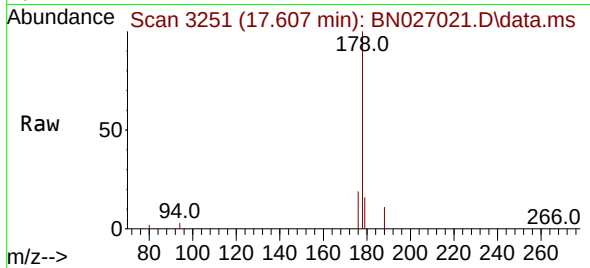
Tgt Ion:178 Resp: 281825
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 19.3 15.4 23.2





#16
 Anthracene
 Concen: 0.520 ng/ul
 RT: 17.607 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BN027021.D
 Acq: 22 Aug 2023 09:44

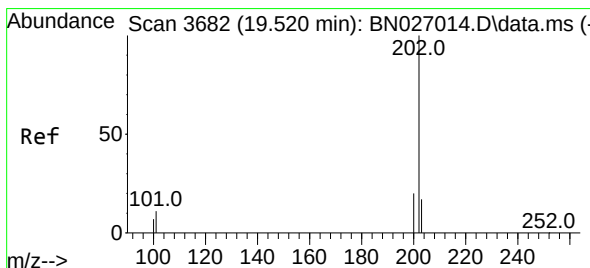
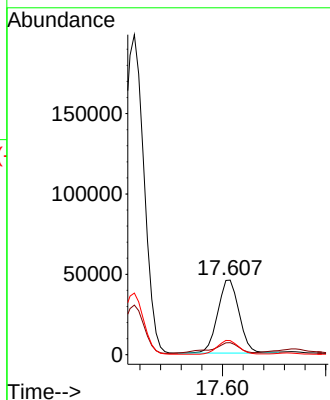
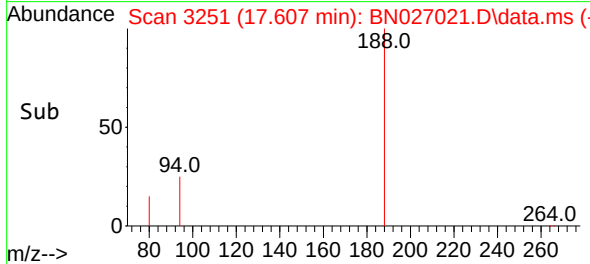
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Tgt Ion:178 Resp: 6592
 Ion Ratio Lower Upper
 178 100
 179 16.0 12.6 19.0
 176 18.9 15.0 22.6

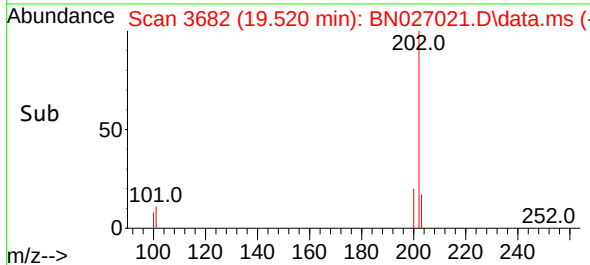
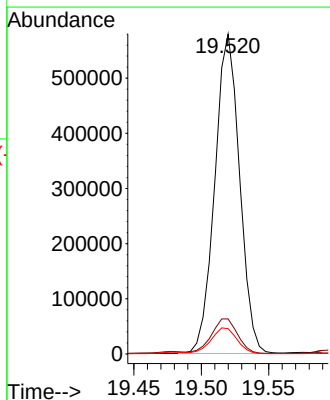
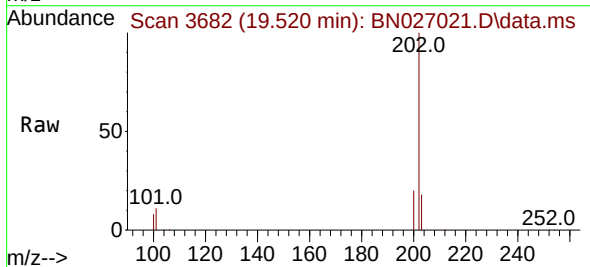
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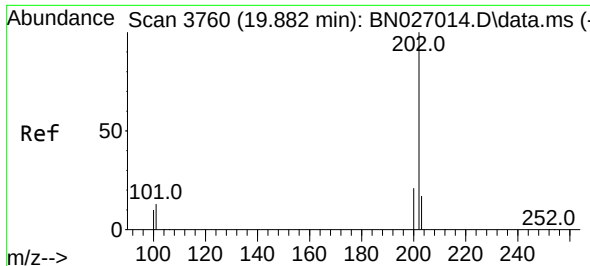
Reviewed By :Yogesh Patel 08/23/2023
 Supervised By :mohammad ahmed 08/24/2023



#19
 Fluoranthene
 Concen: 5.288 ng/ul
 RT: 19.520 min Scan# 3682
 Delta R.T. -0.005 min
 Lab File: BN027021.D
 Acq: 22 Aug 2023 09:44

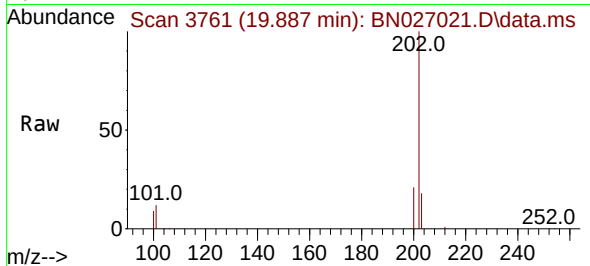
Tgt Ion:202 Resp: 740311
 Ion Ratio Lower Upper
 202 100
 101 10.9 8.3 12.5
 100 7.9 6.2 9.2





#20
Pyrene
Concen: 4.789 ng/ul m
RT: 19.887 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN027021.D
Acq: 22 Aug 2023 09:44

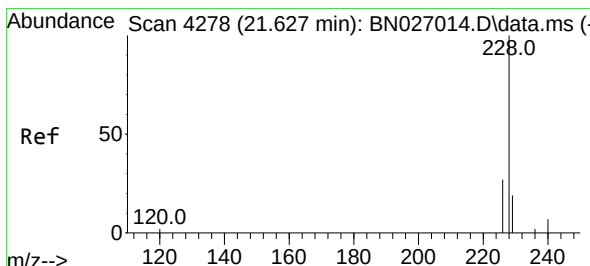
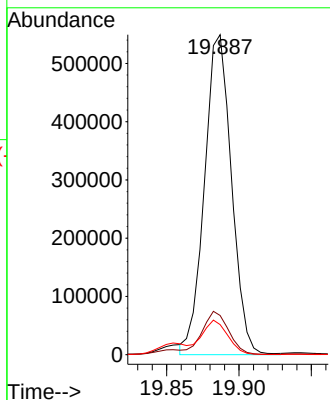
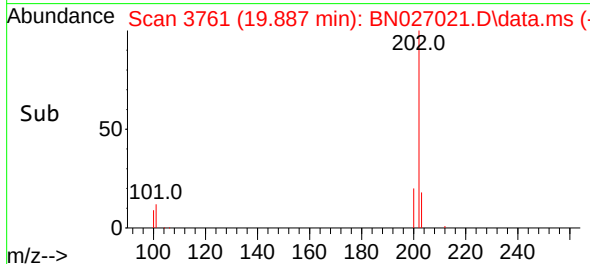
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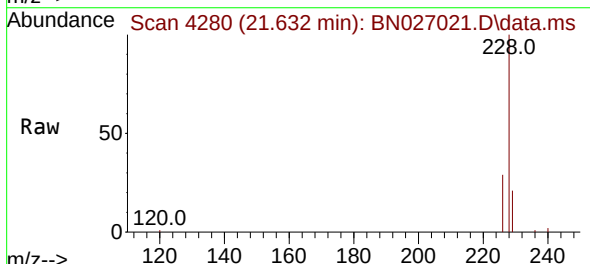
Tgt Ion:202 Resp: 71536
Ion Ratio Lower Upper
202 100
101 12.2 10.7 16.1
100 9.4 8.5 12.7

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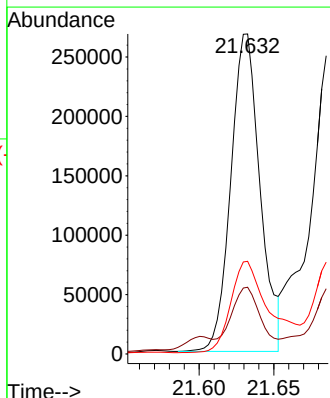
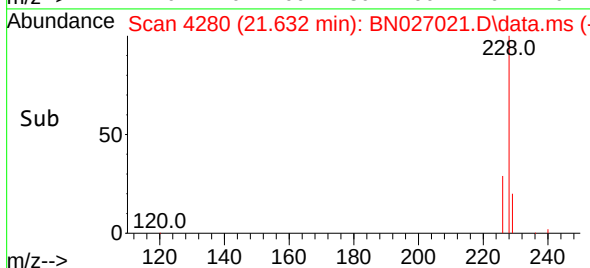
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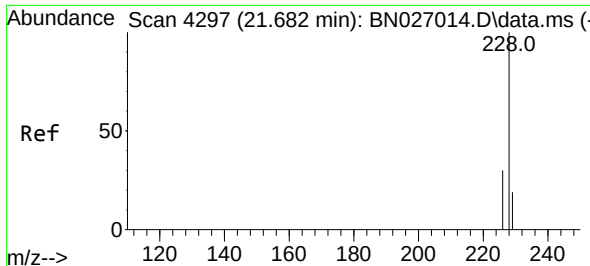


#21
Benzo(a)anthracene
Concen: 2.717 ng/ul
RT: 21.632 min Scan# 4280
Delta R.T. -0.000 min
Lab File: BN027021.D
Acq: 22 Aug 2023 09:44



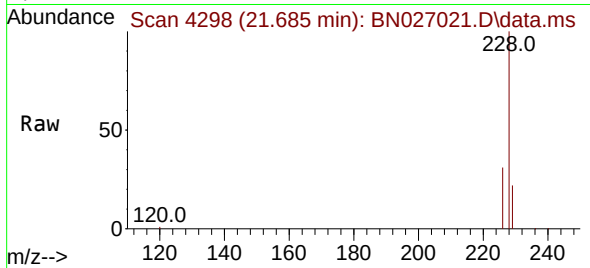
Tgt Ion:228 Resp: 364270
Ion Ratio Lower Upper
228 100
229 20.9 16.0 24.0
226 28.9 22.2 33.2





#22
Chrysene
Concen: 2.867 ng/ul
RT: 21.685 min Scan# 4297
Delta R.T. -0.006 min
Lab File: BN027021.D
Acq: 22 Aug 2023 09:44

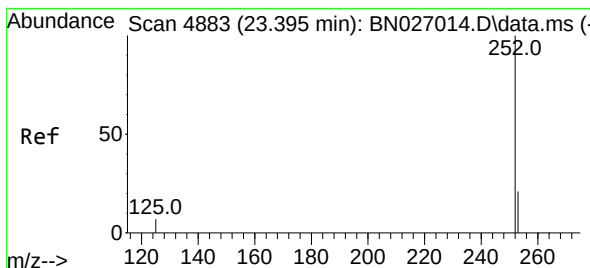
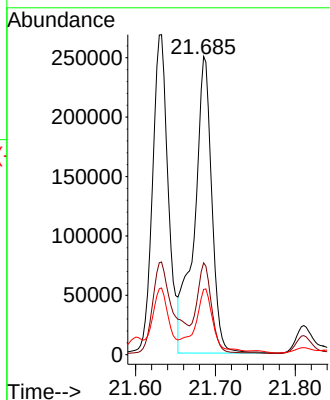
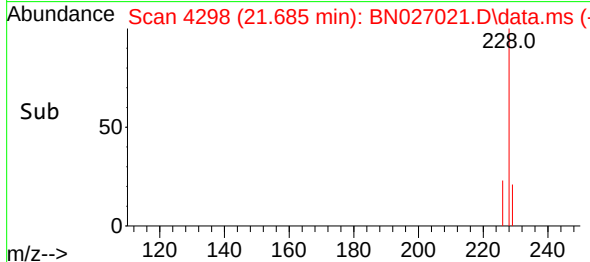
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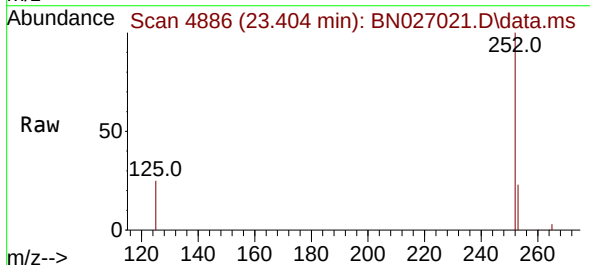
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Ion Ratio Lower Upper
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226 30.8 24.6 36.8
229 21.9 15.8 23.6

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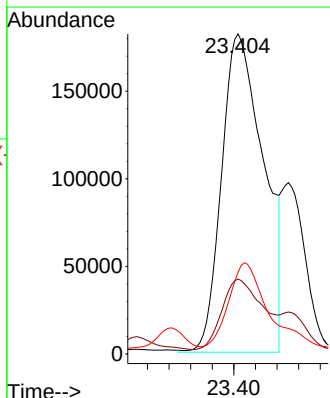
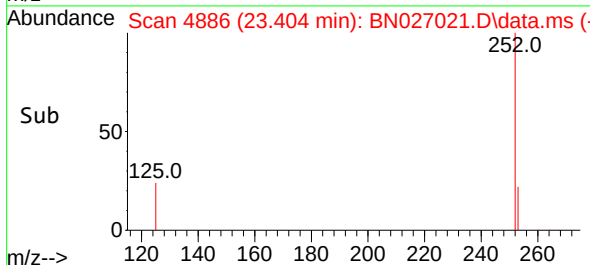
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/24/2023

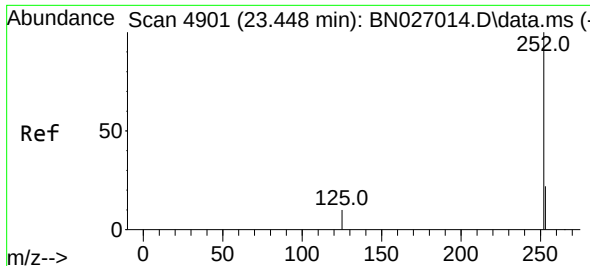


#24
Benzo(b)fluoranthene
Concen: 4.738 ng/ul m
RT: 23.404 min Scan# 4886
Delta R.T. -0.003 min
Lab File: BN027021.D
Acq: 22 Aug 2023 09:44



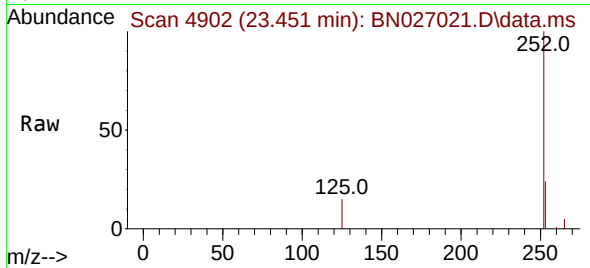
Tgt Ion:252 Resp: 491510
Ion Ratio Lower Upper
252 100
253 23.4 0.0 46.8
125 25.5 0.0 25.2#





#25
Benzo(k)fluoranthene
Concen: 1.416 ng/ul m
RT: 23.451 min Scan# 4901
Delta R.T. -0.009 min
Lab File: BN027021.D
Acq: 22 Aug 2023 09:44

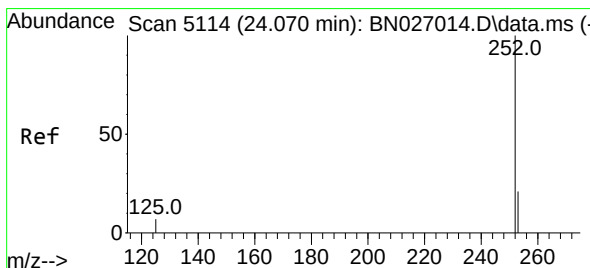
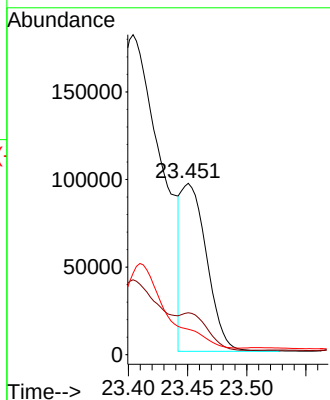
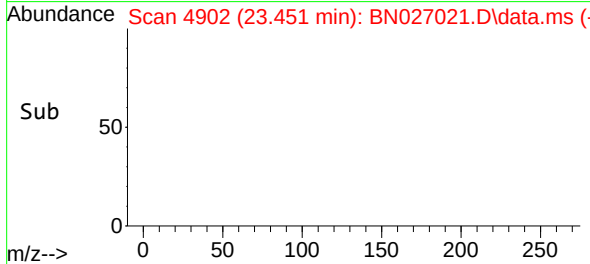
Instrument :
BNA_N
ClientSampleId :
A48P0



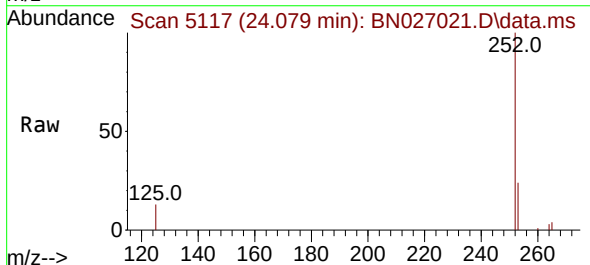
Tgt Ion:252 Resp: 144870
Ion Ratio Lower Upper
252 100
253 24.5 18.2 27.4
125 14.8 9.9 14.9

Manual Integrations
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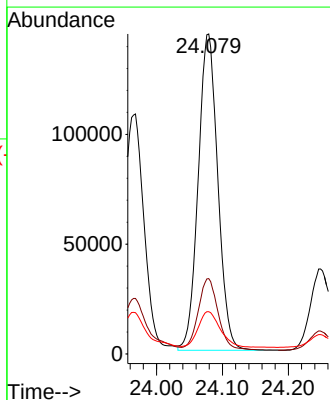
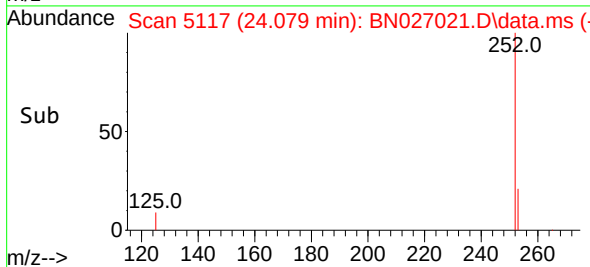
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/24/2023

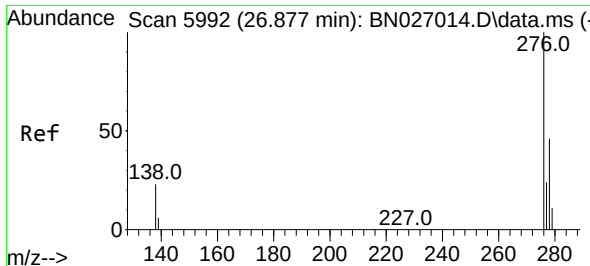


#26
Benzo(a)pyrene
Concen: 3.189 ng/ul
RT: 24.079 min Scan# 5117
Delta R.T. -0.006 min
Lab File: BN027021.D
Acq: 22 Aug 2023 09:44



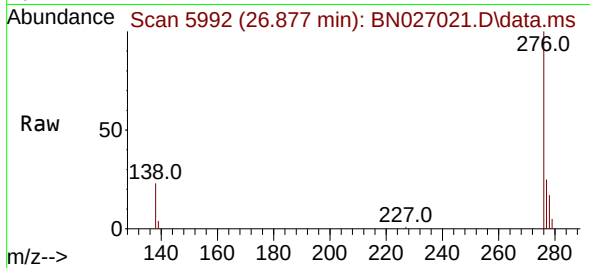
Tgt Ion:252 Resp: 298478
Ion Ratio Lower Upper
252 100
253 23.6 19.0 28.6
125 13.2 11.4 17.0





#27
Indeno(1,2,3-cd)pyrene
Concen: 1.615 ng/ul
RT: 26.877 min Scan# 5992
Delta R.T. -0.007 min
Lab File: BN027021.D
Acq: 22 Aug 2023 09:44

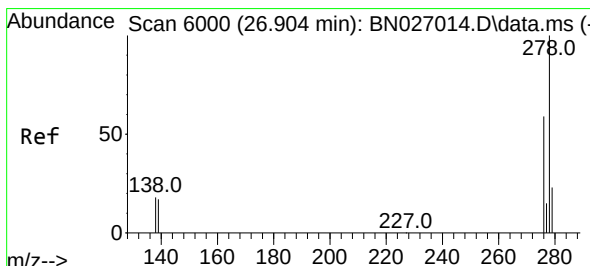
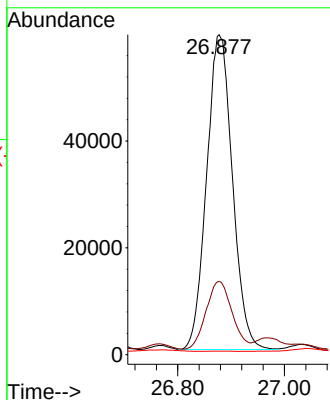
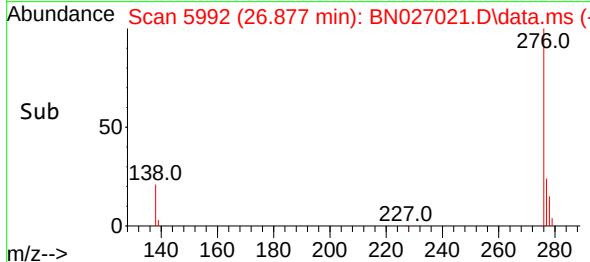
Instrument :
BNA_N
ClientSampleId :
A48P0



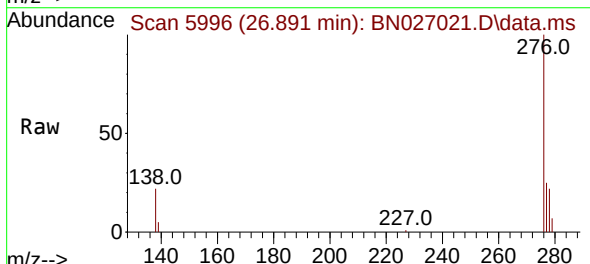
Tgt Ion:276 Resp: 197794
Ion Ratio Lower Upper
276 100
138 21.9 21.6 32.4
227 0.0 0.0 0.0

Manual Integrations
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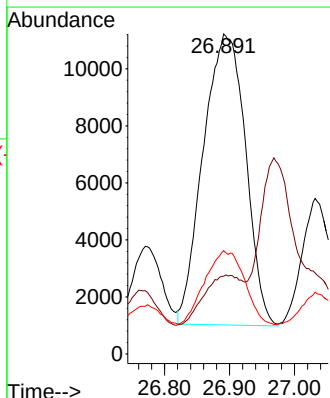
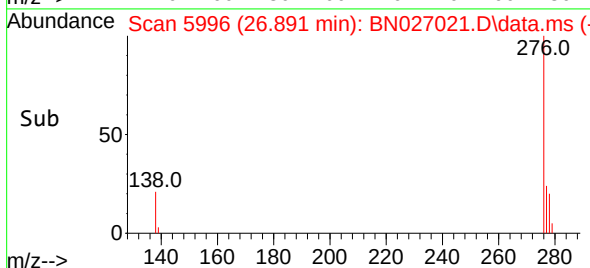
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/24/2023

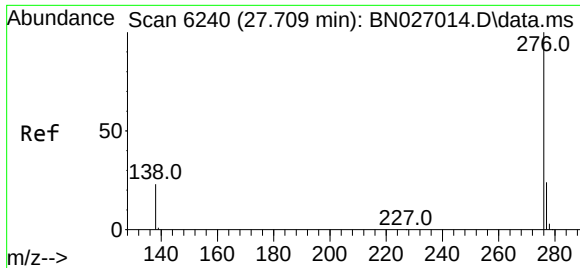


#28
Dibenzo(a,h)anthracene
Concen: 0.473 ng/ul
RT: 26.891 min Scan# 5996
Delta R.T. -0.031 min
Lab File: BN027021.D
Acq: 22 Aug 2023 09:44



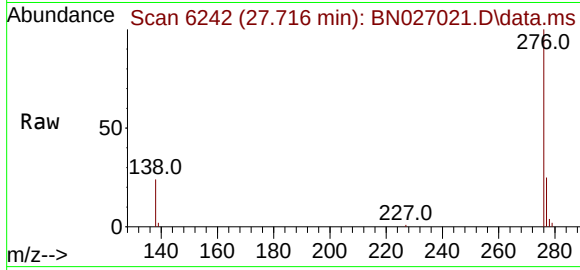
Tgt Ion:278 Resp: 46158
Ion Ratio Lower Upper
278 100
139 24.3 15.7 23.5#
279 32.3 20.2 30.4#





#29
Benzo(g,h,i)perylene
Concen: 1.943 ng/ul
RT: 27.716 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN027021.D
Acq: 22 Aug 2023 09:44

Instrument :
BNA_N
ClientSampleId :
A48P0



Tgt Ion:276 Resp: 198075
Ion Ratio Lower Upper
276 100
138 24.0 19.3 28.9
277 24.5 19.8 29.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/24/2023

