

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
 Data File : BN027831.D
 Acq On : 22 Sep 2023 19:05
 Operator : MA/JU
 Sample : 04387-05
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AB0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/25/2023
 Supervised By :mohammad ahmed 09/25/2023

Quant Time: Sep 23 03:49:01 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 : Fri Sep 22 03:58:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	6643	0.400	ng/ul	0.00
4) Naphthalene-d8	10.823	136	22354	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.638	164	13769	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	31037	0.400	ng/ul	0.00
17) Chrysene-d12	21.574	240	22408	0.400	ng/ul	# 0.00
23) Perylene-d12	24.067	264	20200	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.380	96	36113	4.316	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	14297	0.422	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	34779	0.508	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.872	128	7030	0.110	ng/ul#	95
7) 2-Methylnaphthalene	12.473	142	6535	0.161	ng/ul	99
8) 1-Methylnaphthalene	12.693	142	5451	0.130	ng/ul	100
10) Acenaphthylene	14.370	152	5087	0.085	ng/ul#	92
12) Fluorene	15.688	166	2021	0.033	ng/ul#	97
15) Phenanthrene	17.434	178	54966	0.564	ng/ul	99
16) Anthracene	17.527	178	6564	0.080	ng/ul#	91
19) Fluoranthene	19.445	202	132942	1.467	ng/ul	98
20) Pyrene	19.812	202	107315m	1.150	ng/ul	
21) Benzo(a)anthracene	21.553	228	45848	0.529	ng/ul	97
22) Chrysene	21.609	228	58357	0.651	ng/ul	97
24) Benzo(b)fluoranthene	23.295	252	81177m	0.902	ng/ul	
25) Benzo(k)fluoranthene	23.342	252	26734m	0.306	ng/ul	
26) Benzo(a)pyrene	23.956	252	43926	0.607	ng/ul#	68
27) Indeno(1,2,3-cd)pyrene	26.700	276	39272	0.423	ng/ul#	33
29) Benzo(g,h,i)perylene	27.525	276	47977	0.609	ng/ul#	70

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

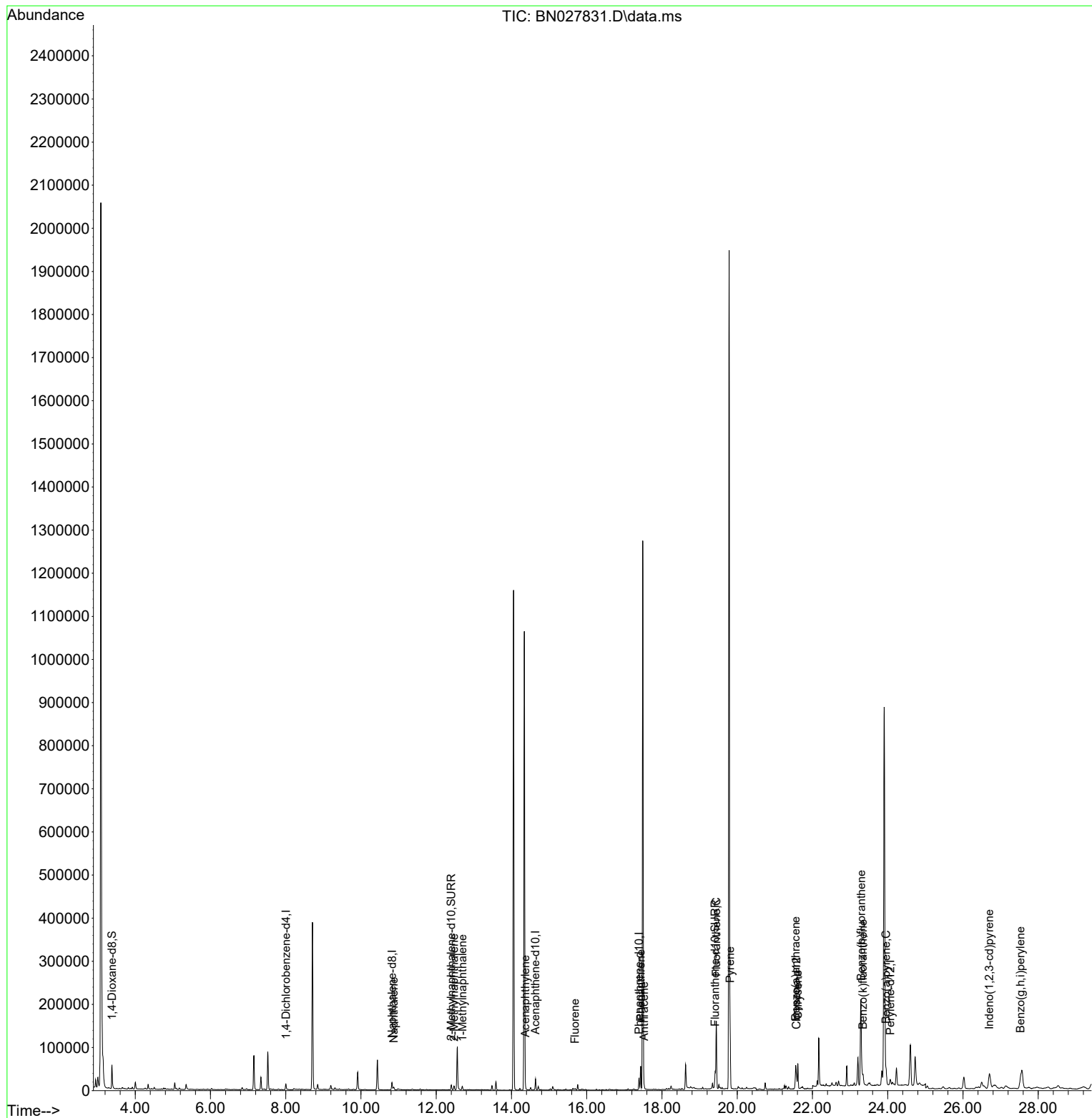
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
Data File : BN027831.D
Acq On : 22 Sep 2023 19:05
Operator : MA/JU
Sample : 04387-05
Misc :
ALS Vial : 50 Sample Multiplier: 1

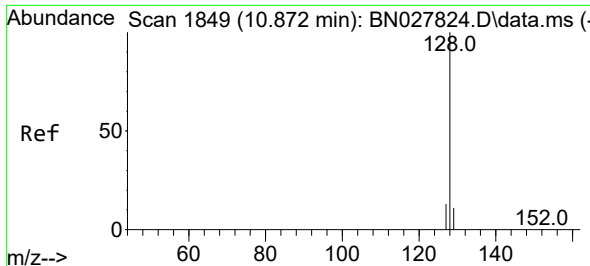
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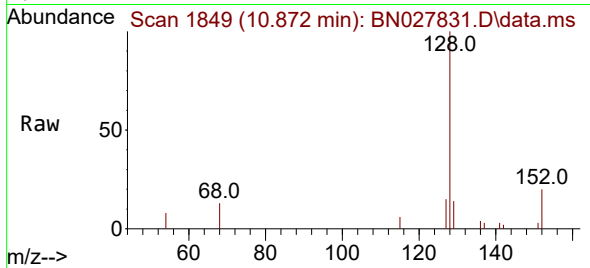
Quant Time: Sep 23 03:49:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 03:58:00 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.110 ng/ul
RT: 10.872 min Scan# 1849
Delta R.T. -0.005 min
Lab File: BN027831.D
Acq: 22 Sep 2023 19:05

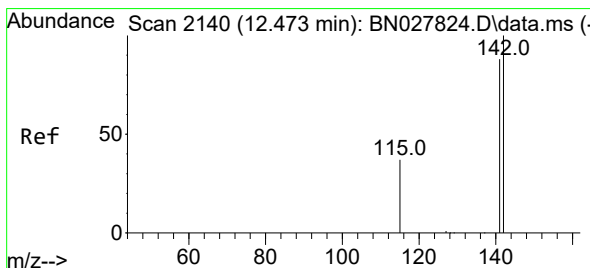
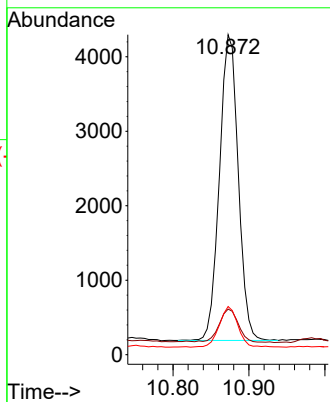
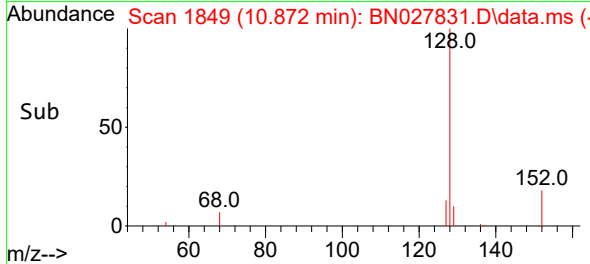
Instrument :
BNA_N
ClientSampleId :
C0AB0



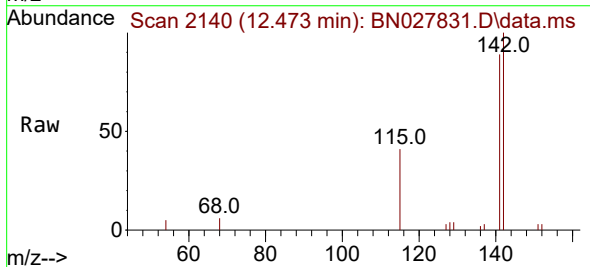
Tgt Ion:128 Resp: 7030
Ion Ratio Lower Upper
128 100
129 14.2 9.3 13.9
127 15.0 10.7 16.1

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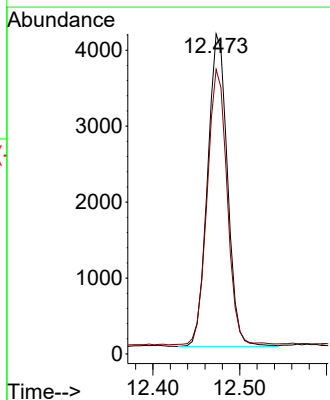
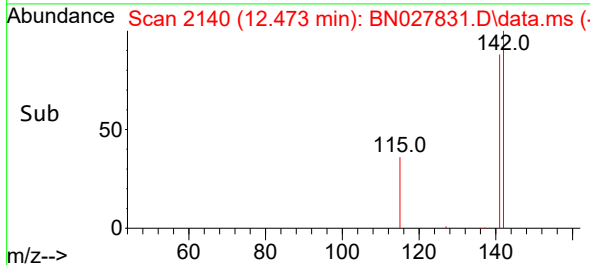
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023

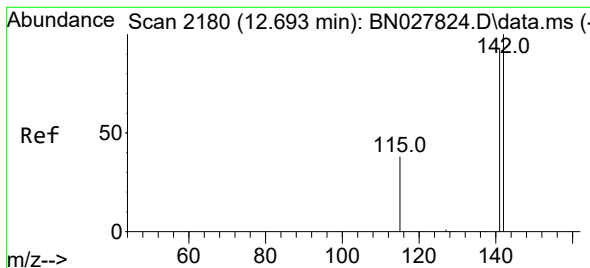


#7
2-Methylnaphthalene
Concen: 0.161 ng/ul
RT: 12.473 min Scan# 2140
Delta R.T. -0.005 min
Lab File: BN027831.D
Acq: 22 Sep 2023 19:05



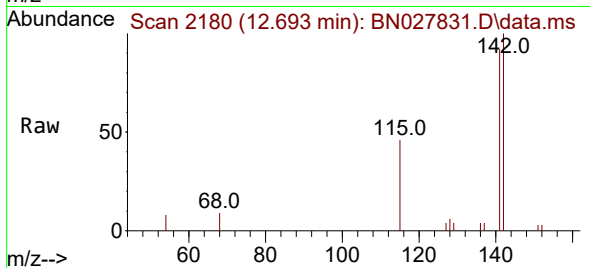
Tgt Ion:142 Resp: 6535
Ion Ratio Lower Upper
142 100
141 88.4 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.130 ng/ul
RT: 12.693 min Scan# 2180
Delta R.T. -0.005 min
Lab File: BN027831.D
Acq: 22 Sep 2023 19:05

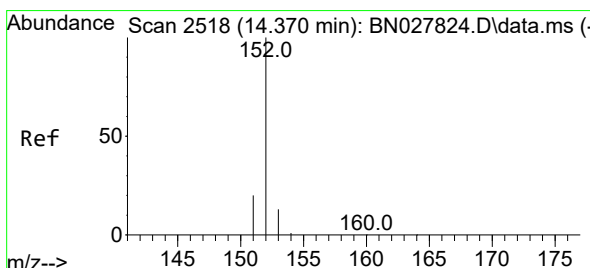
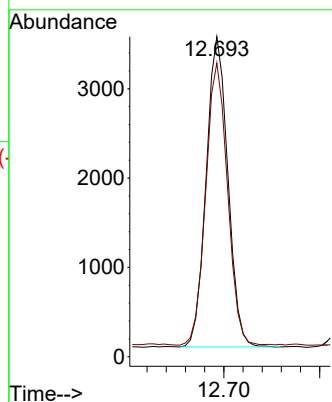
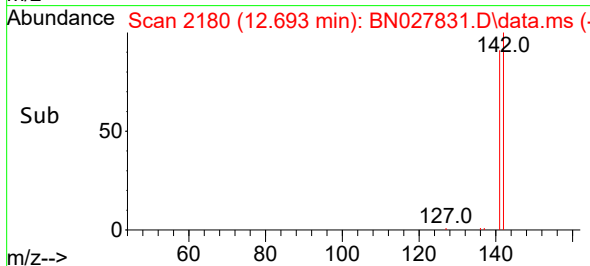
Instrument :
BNA_N
ClientSampleId :
C0AB0



Tgt Ion:142 Resp: 545
Ion Ratio Lower Upper
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141 91.1 72.8 109.2

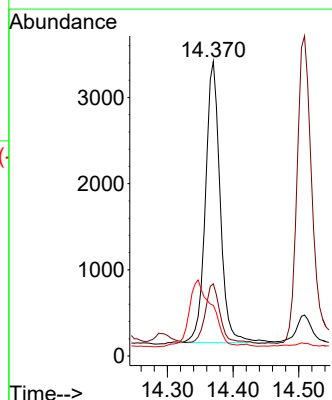
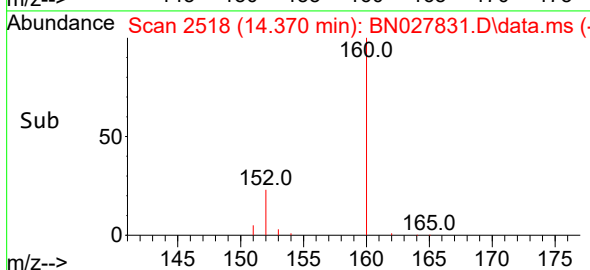
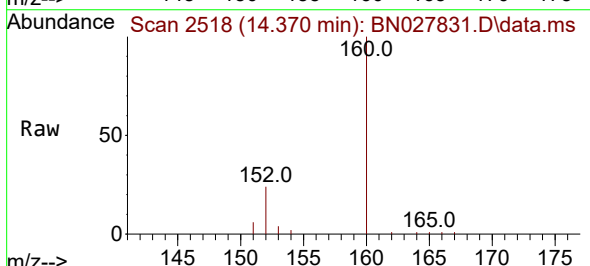
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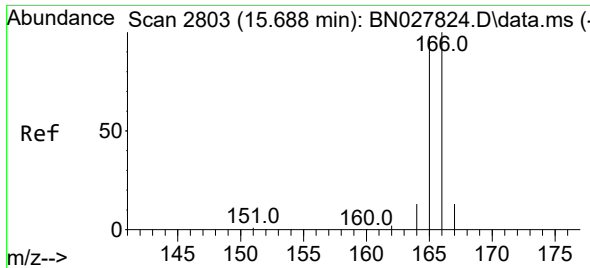
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023



#10
Acenaphthylene
Concen: 0.085 ng/ul
RT: 14.370 min Scan# 2518
Delta R.T. 0.000 min
Lab File: BN027831.D
Acq: 22 Sep 2023 19:05

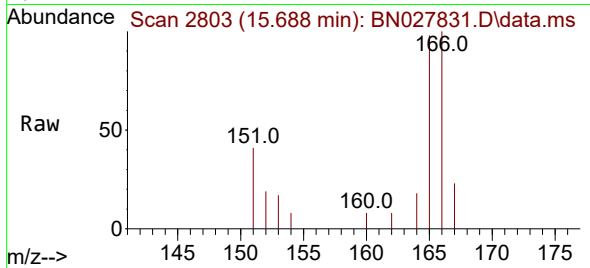
Tgt Ion:152 Resp: 5087
Ion Ratio Lower Upper
152 100
151 24.5 16.6 25.0
153 17.2 11.0 16.6#





#12
Fluorene
Concen: 0.033 ng/ul
RT: 15.688 min Scan# 2803
Delta R.T. 0.000 min
Lab File: BN027831.D
Acq: 22 Sep 2023 19:05

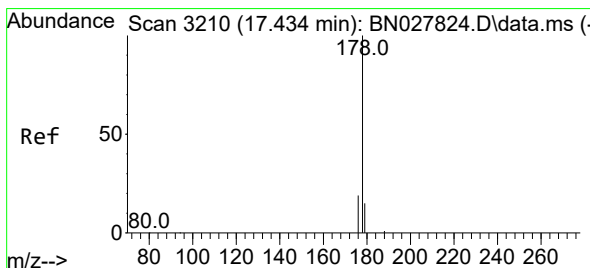
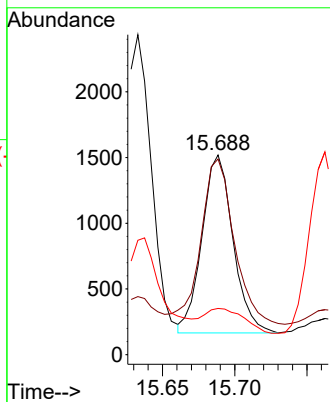
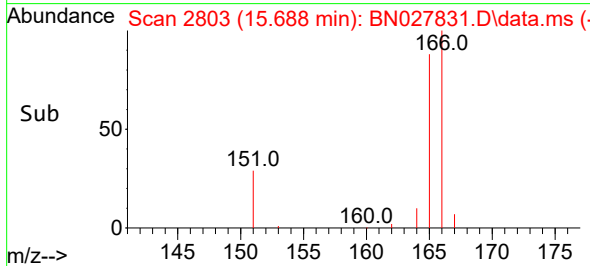
Instrument :
BNA_N
ClientSampleId :
C0AB0



Tgt Ion:166 Resp: 2023
Ion Ratio Lower Upper
166 100
165 98.0 78.0 117.0
167 23.2 11.4 17.2

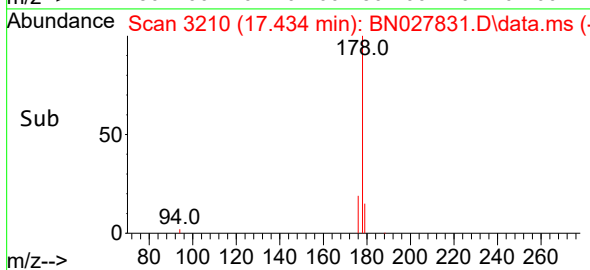
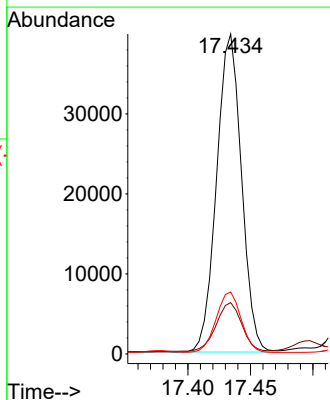
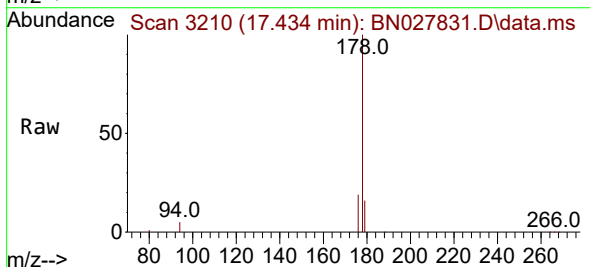
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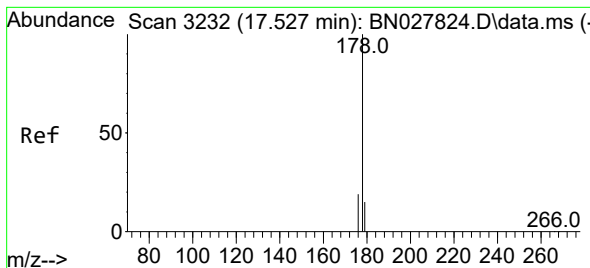
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023



#15
Phenanthrene
Concen: 0.564 ng/ul
RT: 17.434 min Scan# 3210
Delta R.T. -0.000 min
Lab File: BN027831.D
Acq: 22 Sep 2023 19:05

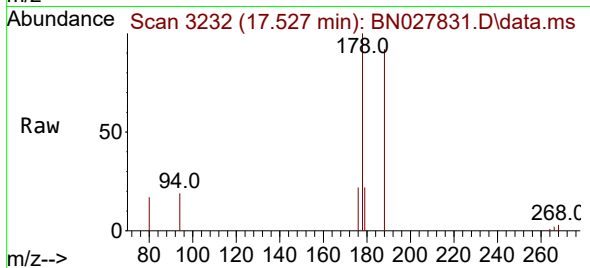
Tgt Ion:178 Resp: 54966
Ion Ratio Lower Upper
178 100
179 16.1 12.4 18.6
176 19.3 16.0 24.0





#16
 Anthracene
 Concen: 0.080 ng/ul
 RT: 17.527 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BN027831.D
 Acq: 22 Sep 2023 19:05

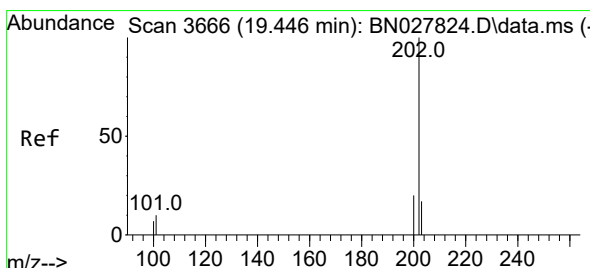
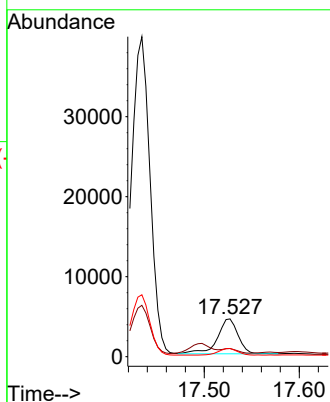
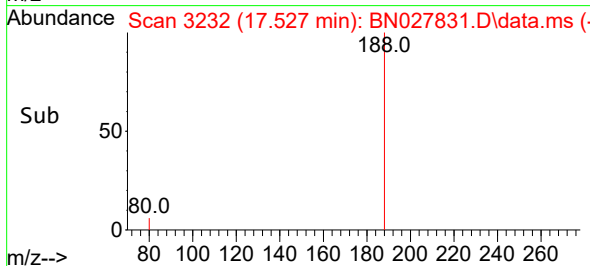
Instrument :
 BNA_N
 ClientSampleId :
 C0AB0



Tgt Ion:178 Resp: 6564
 Ion Ratio Lower Upper
 178 100
 179 21.5 12.6 19.0
 176 21.6 15.5 23.3

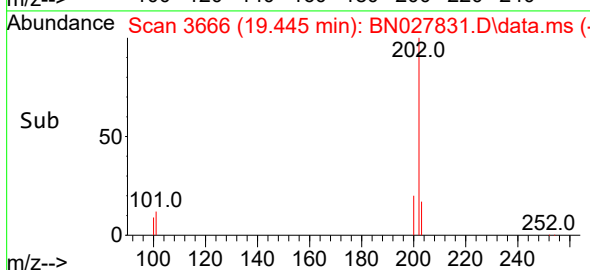
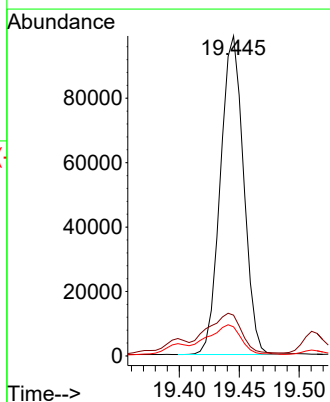
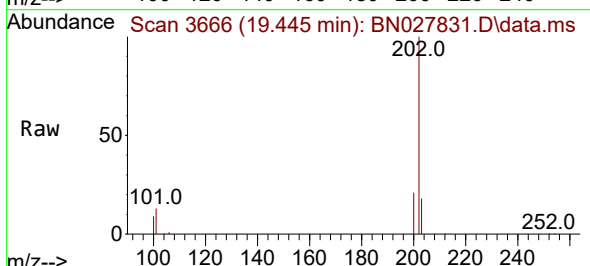
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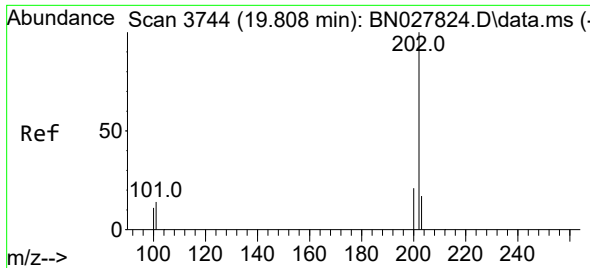
Reviewed By :Yogesh Patel 09/25/2023
 Supervised By :mohammad ahmed 09/25/2023



#19
 Fluoranthene
 Concen: 1.467 ng/ul
 RT: 19.445 min Scan# 3666
 Delta R.T. -0.000 min
 Lab File: BN027831.D
 Acq: 22 Sep 2023 19:05

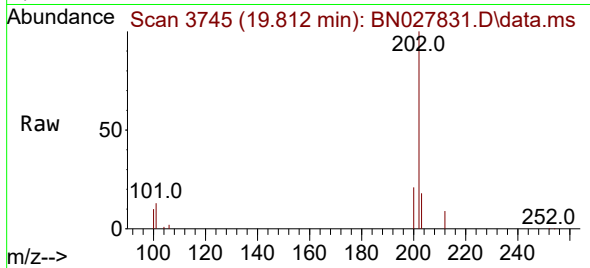
Tgt Ion:202 Resp: 132942
 Ion Ratio Lower Upper
 202 100
 101 12.7 9.3 13.9
 100 9.1 7.0 10.4





#20
Pyrene
Concen: 1.150 ng/ul m
RT: 19.812 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN027831.D
Acq: 22 Sep 2023 19:05

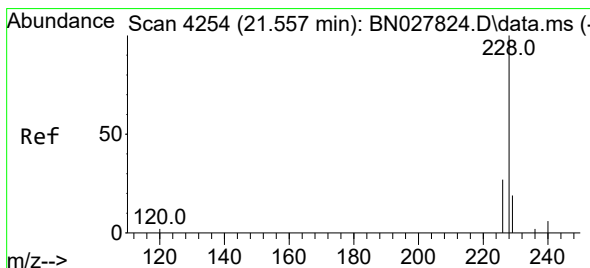
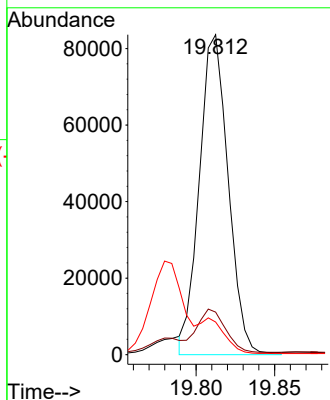
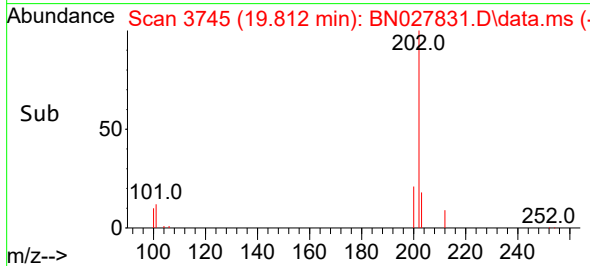
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ClientSampleId :
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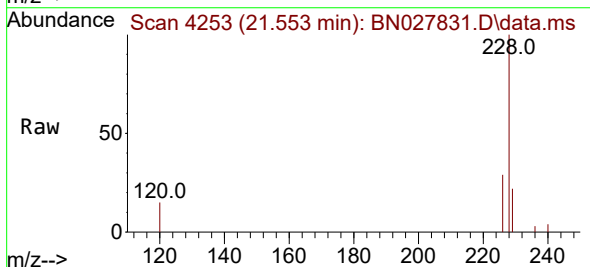
Tgt Ion:202 Resp: 10731
Ion Ratio Lower Upper
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101 13.3 11.4 17.0
100 10.2 9.1 13.7

Manual Integrations
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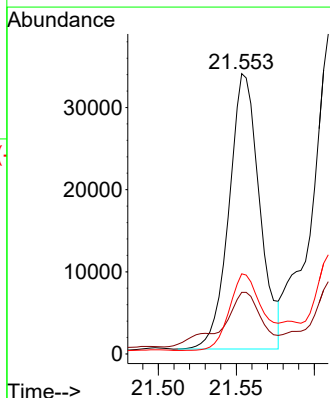
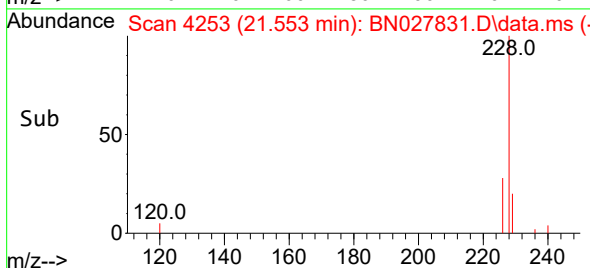
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023

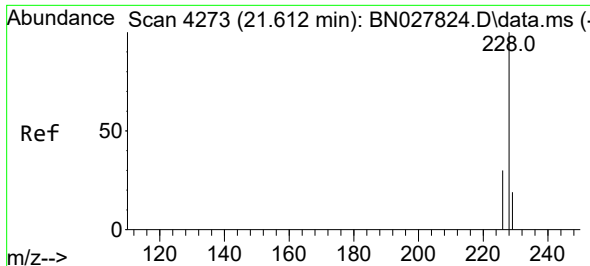


#21
Benzo(a)anthracene
Concen: 0.529 ng/ul
RT: 21.553 min Scan# 4253
Delta R.T. -0.000 min
Lab File: BN027831.D
Acq: 22 Sep 2023 19:05



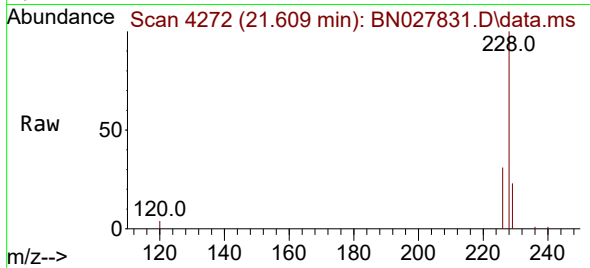
Tgt Ion:228 Resp: 45848
Ion Ratio Lower Upper
228 100
229 22.0 15.8 23.8
226 28.6 22.0 33.0





#22
Chrysene
Concen: 0.651 ng/ul
RT: 21.609 min Scan# 4273
Delta R.T. -0.000 min
Lab File: BN027831.D
Acq: 22 Sep 2023 19:05

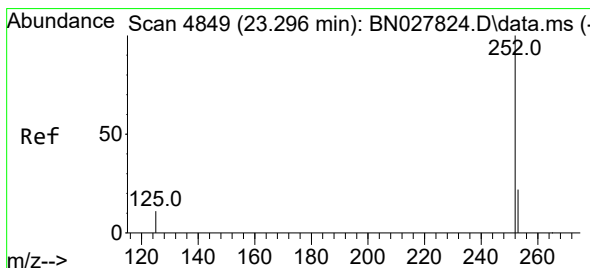
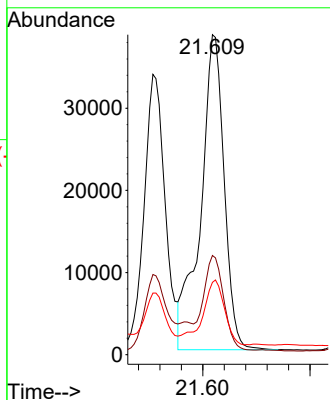
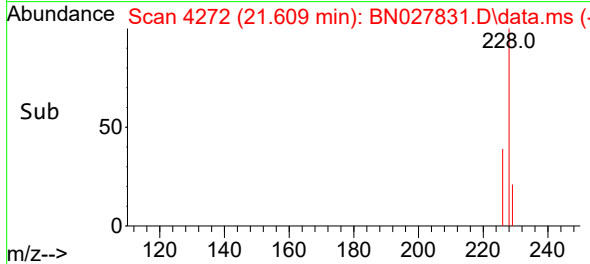
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:228 Resp: 5835
Ion Ratio Lower Upper
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226 31.0 24.5 36.7
229 22.6 16.0 24.0

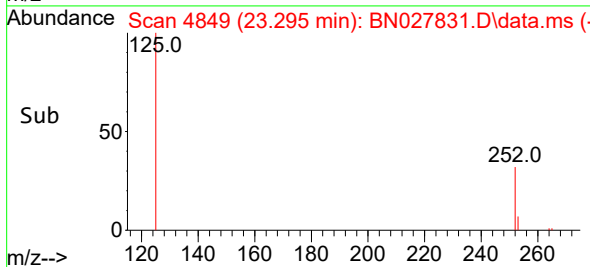
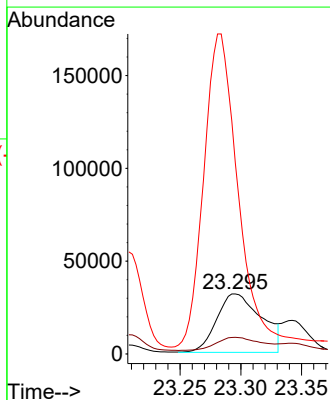
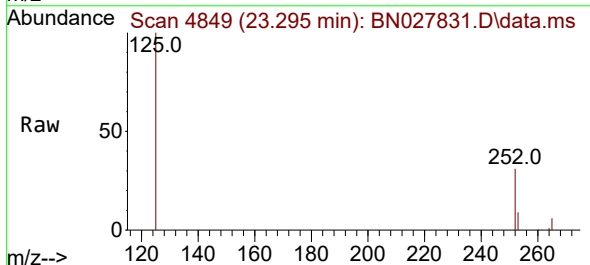
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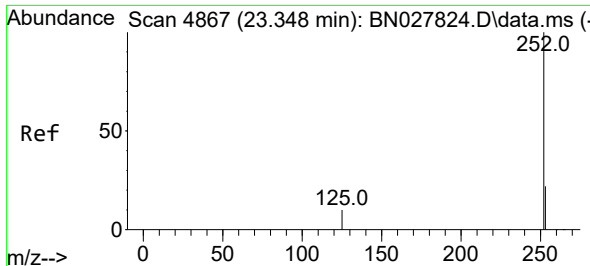
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023



#24
Benzo(b)fluoranthene
Concen: 0.902 ng/ul m
RT: 23.295 min Scan# 4849
Delta R.T. 0.006 min
Lab File: BN027831.D
Acq: 22 Sep 2023 19:05

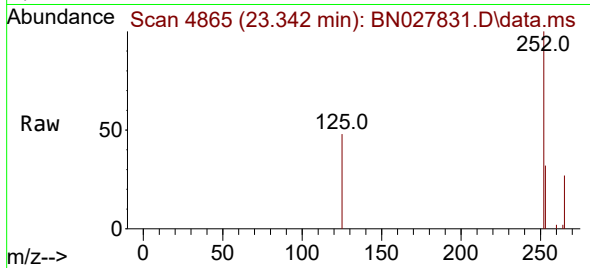
Tgt Ion:252 Resp: 81177
Ion Ratio Lower Upper
252 100
253 27.8 0.0 50.2
125 318.4 0.0 31.4#





#25
Benzo(k)fluoranthene
Concen: 0.306 ng/ul m
RT: 23.342 min Scan# 4865
Delta R.T. -0.000 min
Lab File: BN027831.D
Acq: 22 Sep 2023 19:05

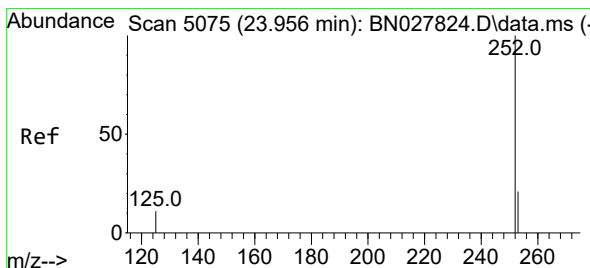
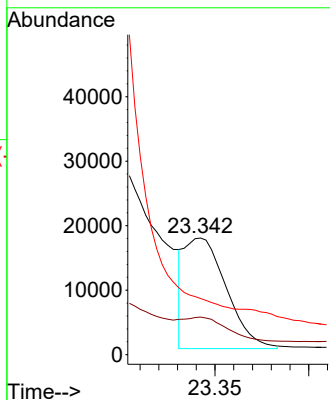
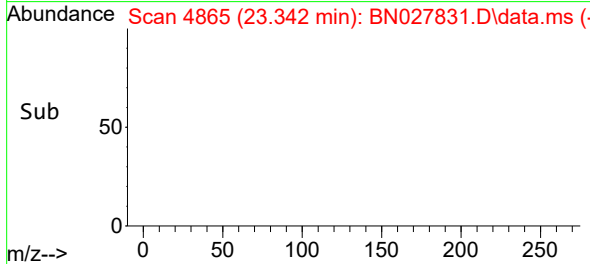
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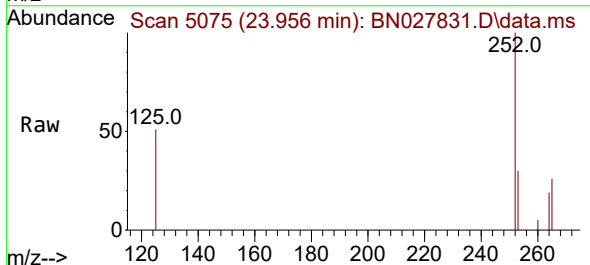
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Ion Ratio Lower Upper
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253 32.2 19.9 29.9
125 48.2 12.6 19.0

Manual Integrations
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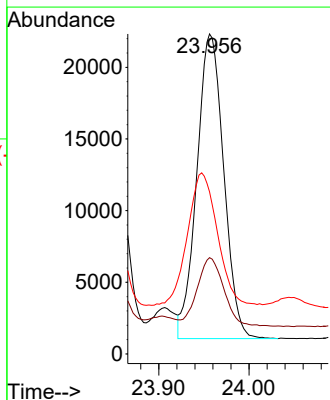
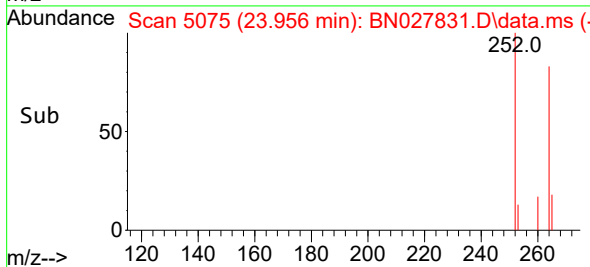
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023

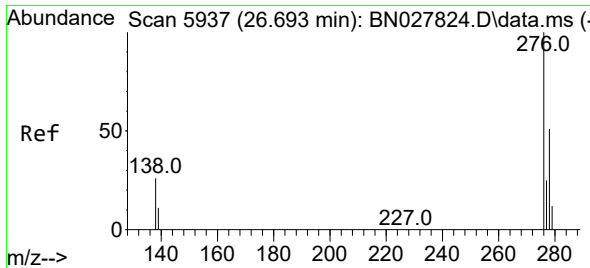


#26
Benzo(a)pyrene
Concen: 0.607 ng/ul
RT: 23.956 min Scan# 5075
Delta R.T. 0.006 min
Lab File: BN027831.D
Acq: 22 Sep 2023 19:05



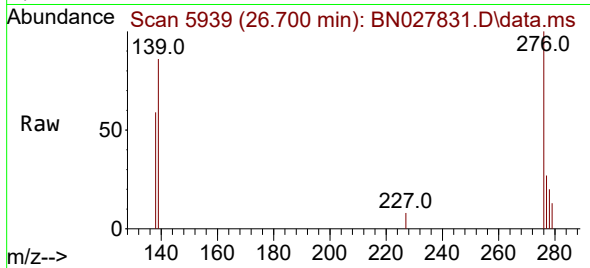
Tgt Ion:252 Resp: 43926
Ion Ratio Lower Upper
252 100
253 30.1 21.9 32.9
125 50.7 15.5 23.3





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.423 ng/ul
RT: 26.700 min Scan# 5937
Delta R.T. 0.017 min
Lab File: BN027831.D
Acq: 22 Sep 2023 19:05

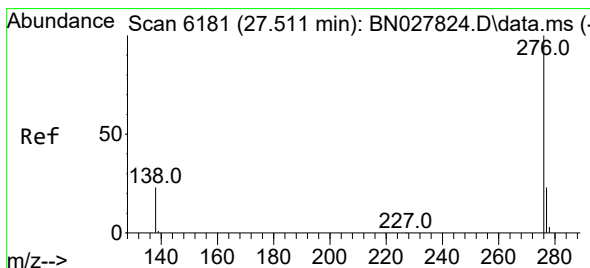
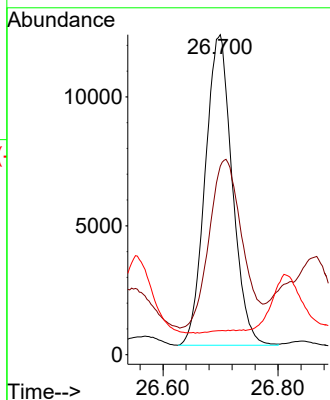
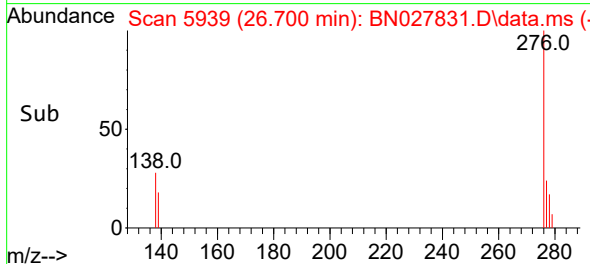
Instrument :
BNA_N
ClientSampleId :
C0AB0



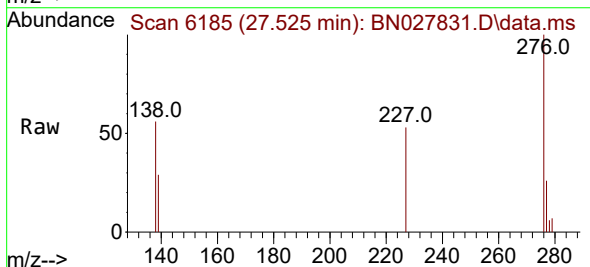
Tgt Ion: 276 Resp: 39272
Ion Ratio Lower Upper
276 100
138 66.9 24.3 36.5
227 0.0 0.0 0.0

Manual Integrations
APPROVED

Reviewed By : Yogesh Patel 09/25/2023
Supervised By : mohammad ahmed 09/25/2023



#29
Benzo(g,h,i)perylene
Concen: 0.609 ng/ul
RT: 27.525 min Scan# 6185
Delta R.T. 0.020 min
Lab File: BN027831.D
Acq: 22 Sep 2023 19:05



Tgt Ion: 276 Resp: 47977
Ion Ratio Lower Upper
276 100
138 56.0 21.7 32.5
277 26.1 20.2 30.2

