

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
 Data File : BN027821.D
 Acq On : 22 Sep 2023 12:22
 Operator : MA/JU
 Sample : 04332-16
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AE3

Manual Integrations
 APPROVED

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

Quant Time: Sep 22 13:56:03 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	5753	0.400	ng/ul	0.00
4) Naphthalene-d8	10.823	136	19401	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.638	164	11637	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.388	188	26212	0.400	ng/ul	0.00
17) Chrysene-d12	21.574	240	19218	0.400	ng/ul	# 0.00
23) Perylene-d12	24.073	264	17543	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.380	96	19912	2.748	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	5740	0.195	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	14161	0.241	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.872	128	2905	0.052	ng/ul#	87
7) 2-Methylnaphthalene	12.473	142	2424	0.069	ng/ul	99
8) 1-Methylnaphthalene	12.693	142	2072	0.057	ng/ul	98
10) Acenaphthylene	14.370	152	2152	0.042	ng/ul#	83
12) Fluorene	15.688	166	1046	0.020	ng/ul#	95
15) Phenanthrene	17.434	178	20874	0.253	ng/ul	98
16) Anthracene	17.523	178	3287	0.048	ng/ul#	83
19) Fluoranthene	19.441	202	53385	0.687	ng/ul#	94
20) Pyrene	19.813	202	45420m	0.567	ng/ul	
21) Benzo(a)anthracene	21.554	228	20956	0.282	ng/ul#	95
22) Chrysene	21.612	228	23762	0.309	ng/ul#	94
24) Benzo(b)fluoranthene	23.296	252	35923m	0.459	ng/ul	
25) Benzo(k)fluoranthene	23.343	252	12763m	0.168	ng/ul	
26) Benzo(a)pyrene	23.957	252	18949	0.301	ng/ul#	2
27) Indeno(1,2,3-cd)pyrene	26.700	276	16995	0.211	ng/ul#	1
29) Benzo(g,h,i)perylene	27.532	276	22872	0.334	ng/ul#	25

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

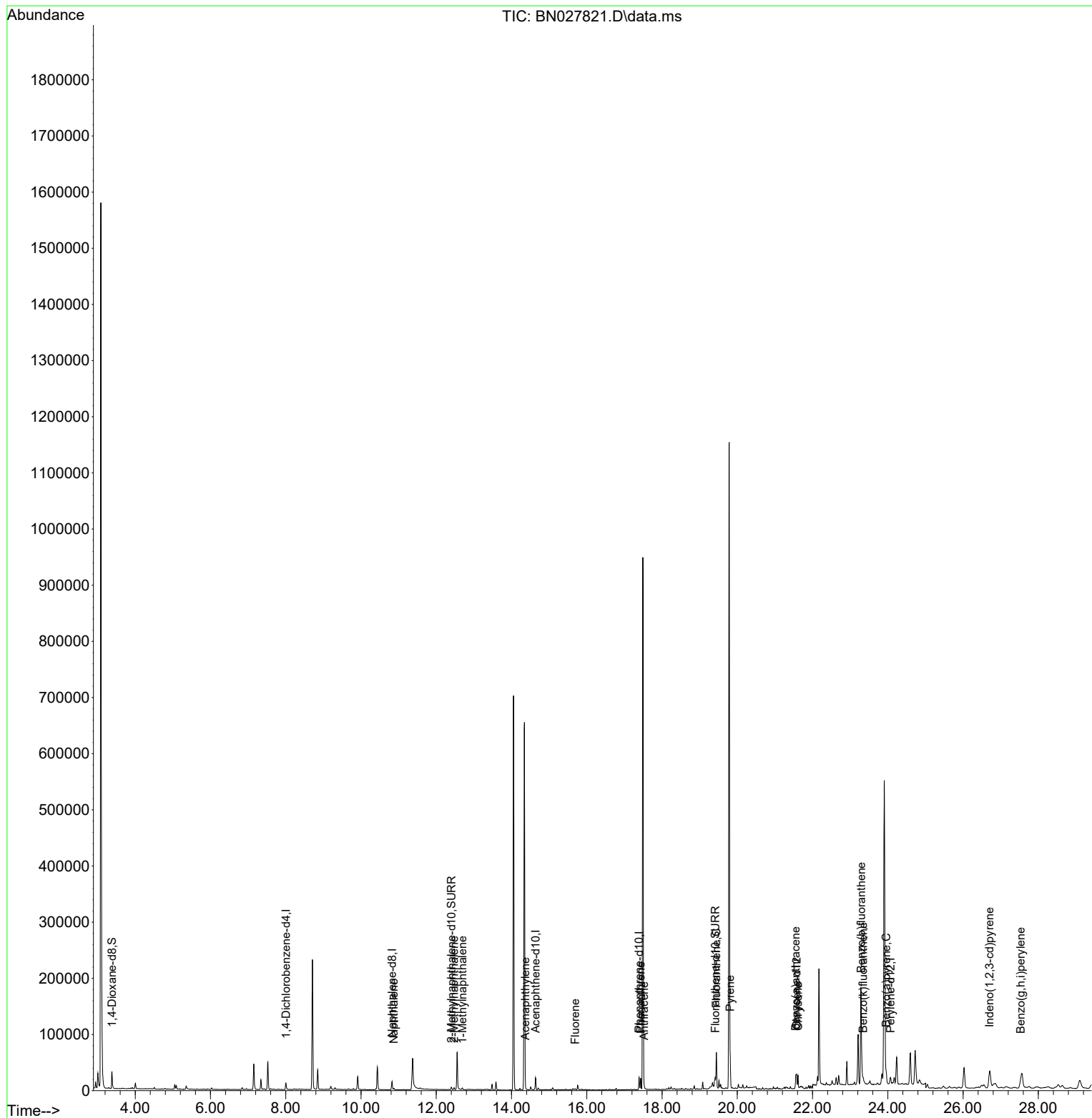
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
Data File : BN027821.D
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Sample : 04332-16
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ALS Vial : 40 Sample Multiplier: 1

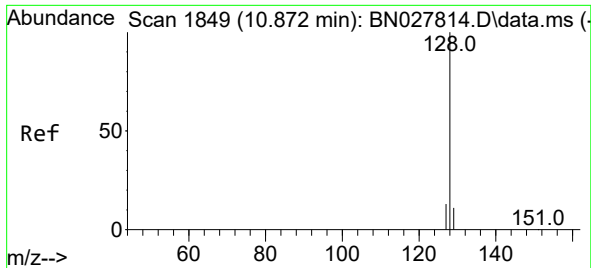
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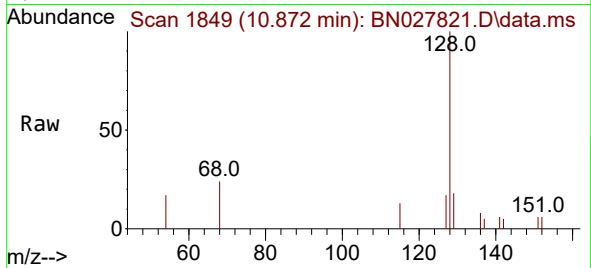
Quant Time: Sep 22 13:56:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 03:58:00 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.052 ng/ul
RT: 10.872 min Scan# 1849
Delta R.T. -0.005 min
Lab File: BN027821.D
Acq: 22 Sep 2023 12:22

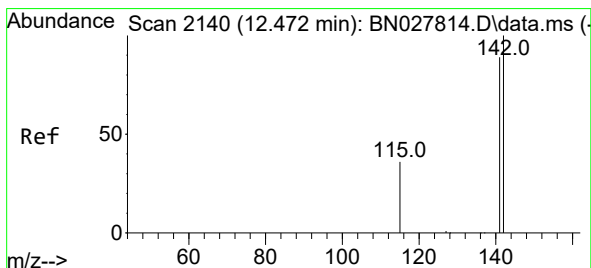
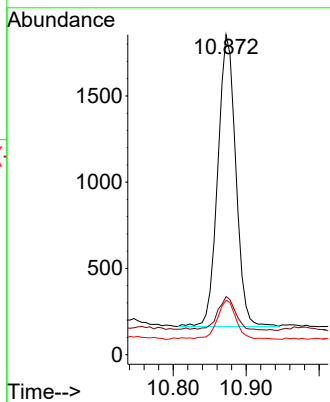
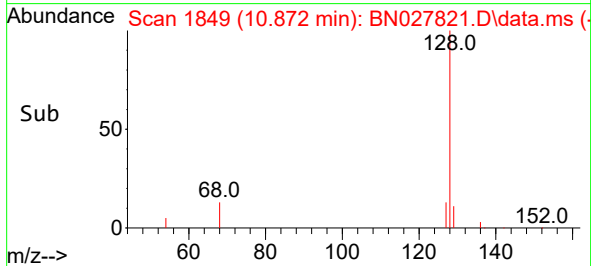
Instrument :
BNA_N
ClientSampleId :
C0AE3



Tgt Ion:128 Resp: 2905
Ion Ratio Lower Upper
128 100
129 18.1 9.3 13.9
127 17.0 10.7 16.1

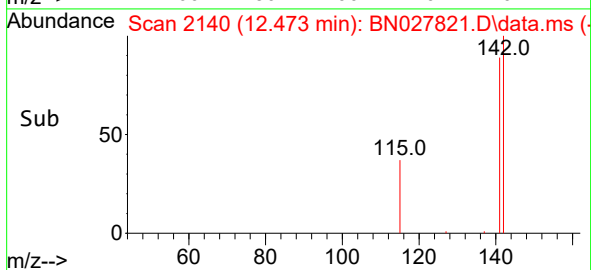
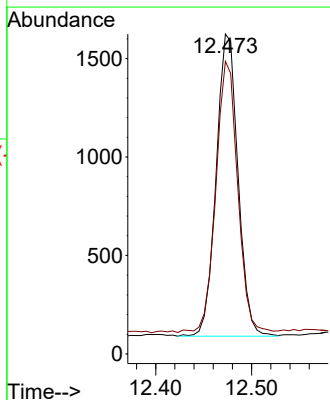
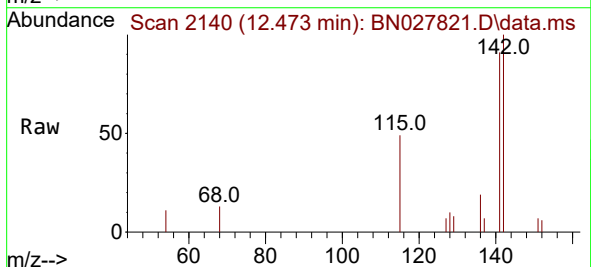
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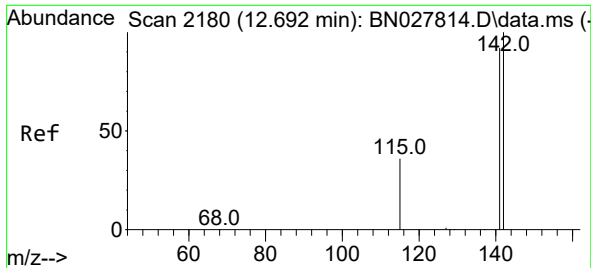
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023



#7
2-Methylnaphthalene
Concen: 0.069 ng/ul
RT: 12.473 min Scan# 2140
Delta R.T. -0.005 min
Lab File: BN027821.D
Acq: 22 Sep 2023 12:22

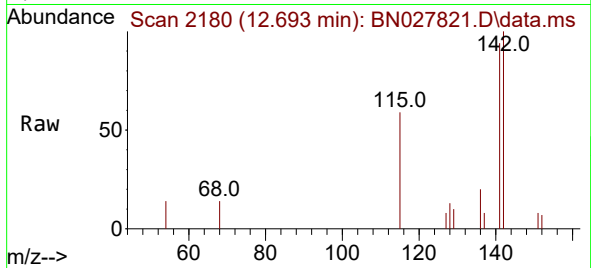
Tgt Ion:142 Resp: 2424
Ion Ratio Lower Upper
142 100
141 89.5 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.057 ng/ul
RT: 12.693 min Scan# 2180
Delta R.T. -0.005 min
Lab File: BN027821.D
Acq: 22 Sep 2023 12:22

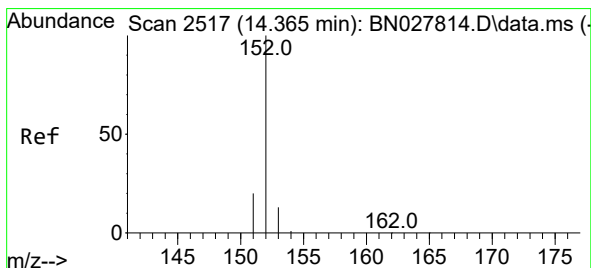
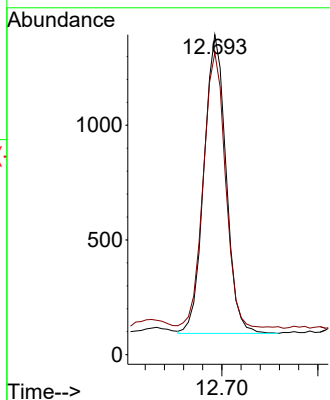
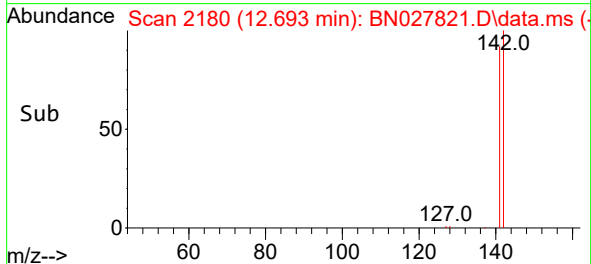
Instrument :
BNA_N
ClientSampleId :
C0AE3



Tgt Ion:142 Resp: 2072
Ion Ratio Lower Upper
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141 93.2 72.8 109.2

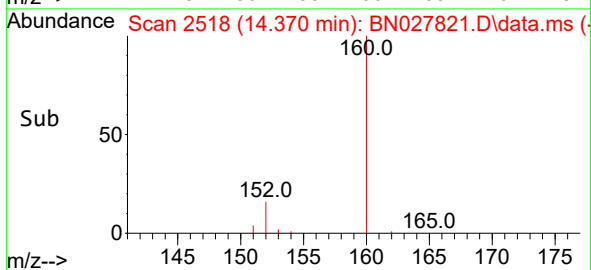
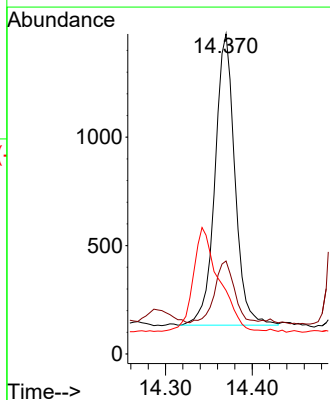
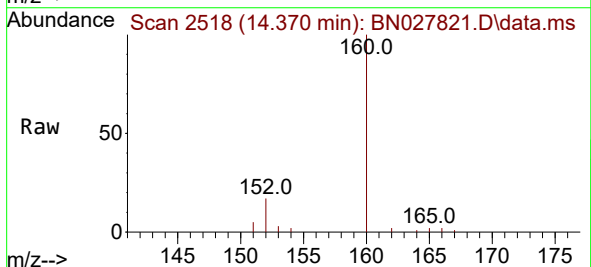
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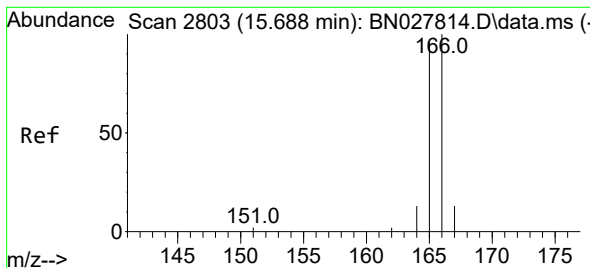
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023



#10
Acenaphthylene
Concen: 0.042 ng/ul
RT: 14.370 min Scan# 2518
Delta R.T. 0.000 min
Lab File: BN027821.D
Acq: 22 Sep 2023 12:22

Tgt Ion:152 Resp: 2152
Ion Ratio Lower Upper
152 100
151 29.1 16.6 25.0#
153 19.9 11.0 16.6#





#12

Fluorene

Concen: 0.020 ng/ul

RT: 15.688 min Scan# 2803

Delta R.T. 0.000 min

Lab File: BN027821.D

Acq: 22 Sep 2023 12:22

Instrument :

BNA_N

ClientSampleId :

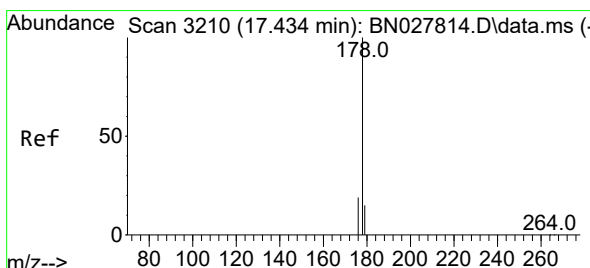
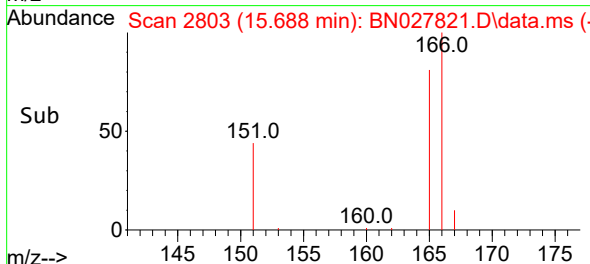
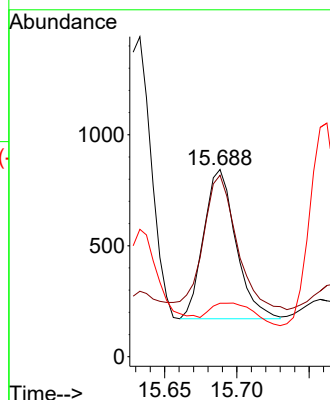
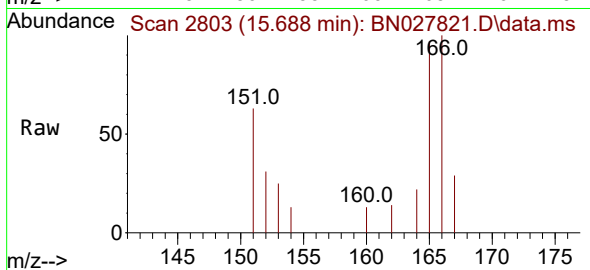
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Tgt Ion:166	Resp:	1040
Ion Ratio	Lower	Upper
166	100	
165	96.9	78.0 117.0
167	28.6	11.4 17.2

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#15

Phenanthrene

Concen: 0.253 ng/ul

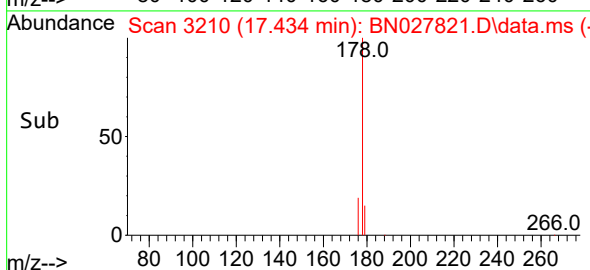
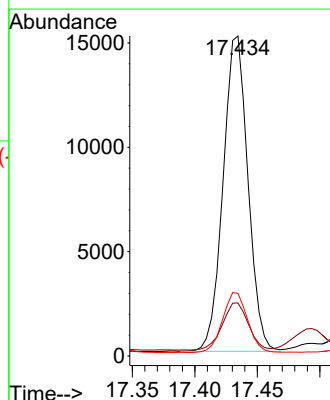
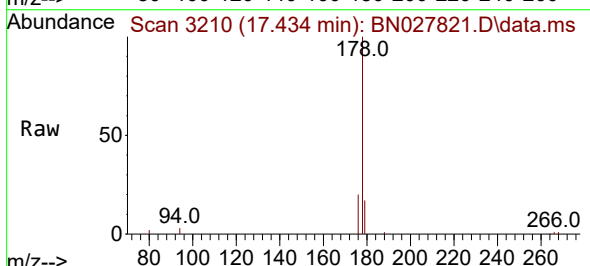
RT: 17.434 min Scan# 3210

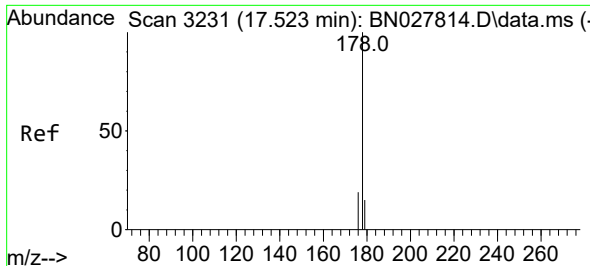
Delta R.T. 0.000 min

Lab File: BN027821.D

Acq: 22 Sep 2023 12:22

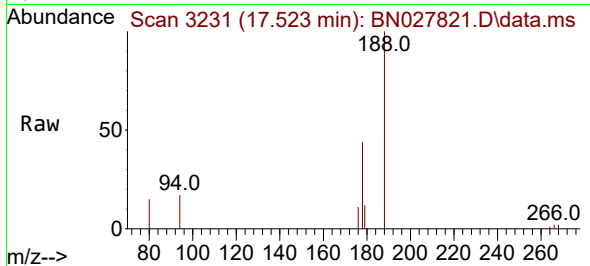
Tgt Ion:178	Resp:	20874
Ion Ratio	Lower	Upper
178	100	
179	16.6	12.4 18.6
176	19.6	16.0 24.0





#16
 Anthracene
 Concen: 0.048 ng/ul
 RT: 17.523 min Scan# 3231
 Delta R.T. -0.004 min
 Lab File: BN027821.D
 Acq: 22 Sep 2023 12:22

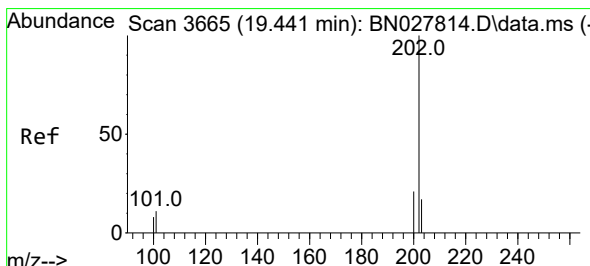
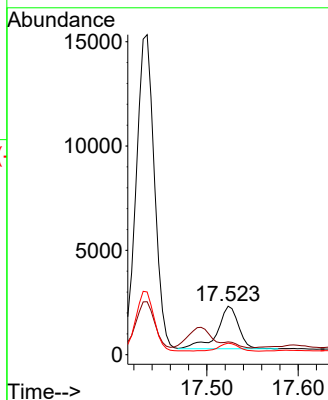
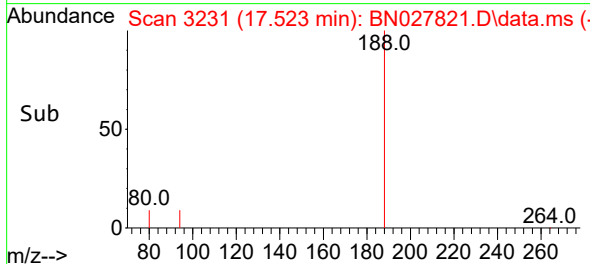
Instrument :
 BNA_N
 ClientSampleId :
 C0AE3



Tgt Ion:178 Resp: 3285
 Ion Ratio Lower Upper
 178 100
 179 26.5 12.6 19.0#
 176 23.9 15.5 23.3#

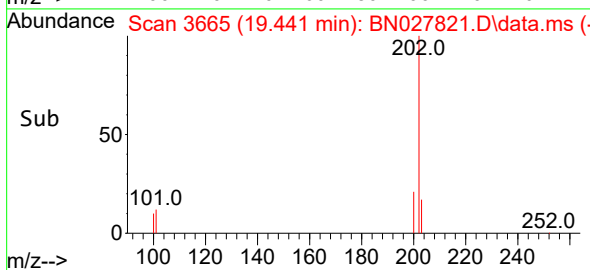
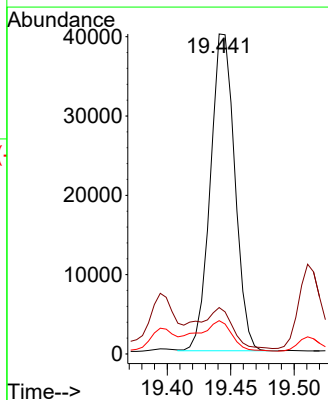
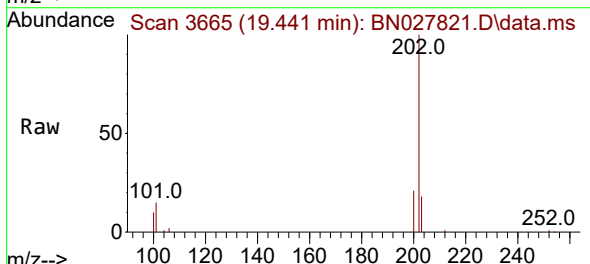
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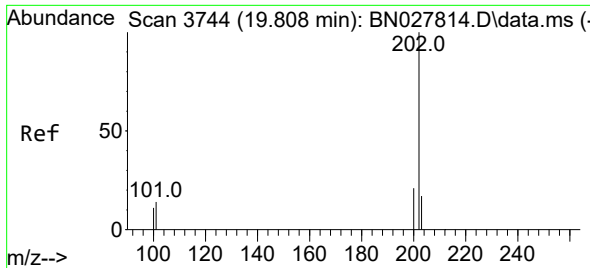
Reviewed By :Yogesh Patel 09/25/2023
 Supervised By :mohammad ahmed 09/25/2023



#19
 Fluoranthene
 Concen: 0.687 ng/ul
 RT: 19.441 min Scan# 3665
 Delta R.T. -0.005 min
 Lab File: BN027821.D
 Acq: 22 Sep 2023 12:22

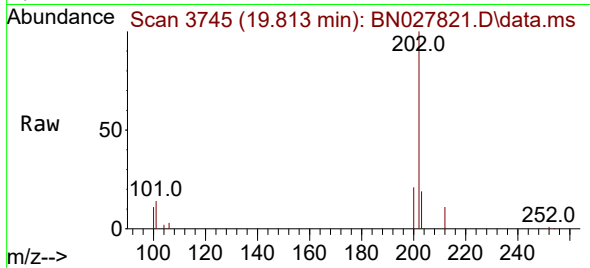
Tgt Ion:202 Resp: 53385
 Ion Ratio Lower Upper
 202 100
 101 14.5 9.3 13.9#
 100 10.4 7.0 10.4





#20
Pyrene
Concen: 0.567 ng/ul m
RT: 19.813 min Scan# 3745
Delta R.T. 0.000 min
Lab File: BN027821.D
Acq: 22 Sep 2023 12:22

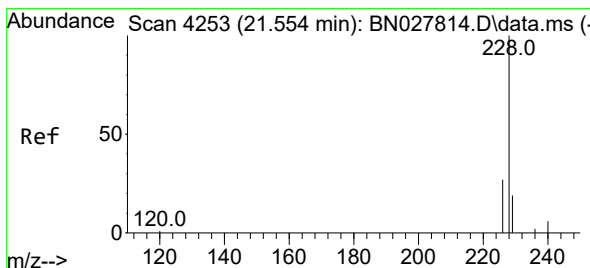
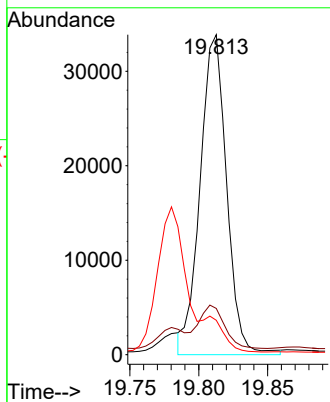
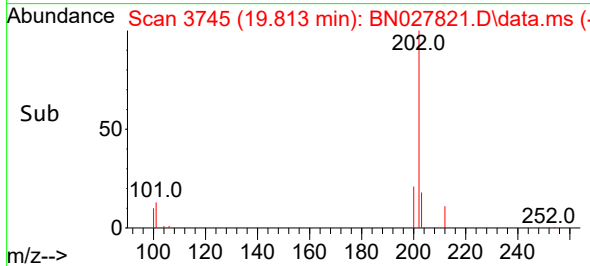
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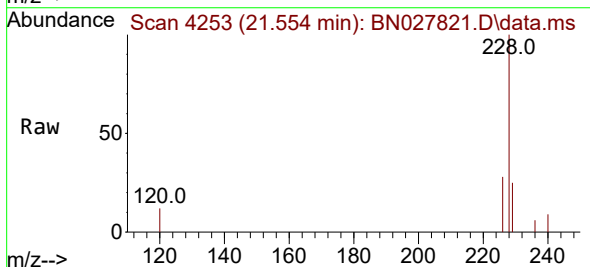
Tgt Ion:202 Resp: 45420
Ion Ratio Lower Upper
202 100
101 14.5 11.4 17.0
100 10.7 9.1 13.7

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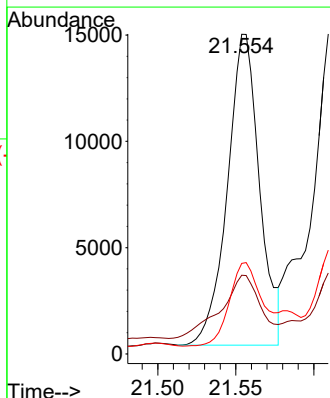
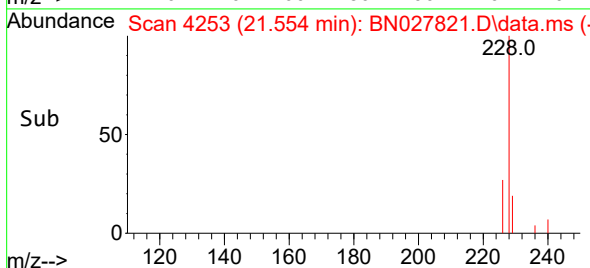
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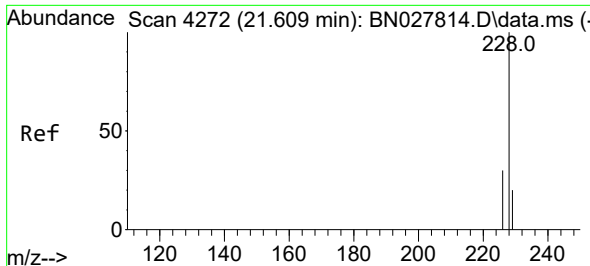


#21
Benzo(a)anthracene
Concen: 0.282 ng/ul
RT: 21.554 min Scan# 4253
Delta R.T. 0.000 min
Lab File: BN027821.D
Acq: 22 Sep 2023 12:22



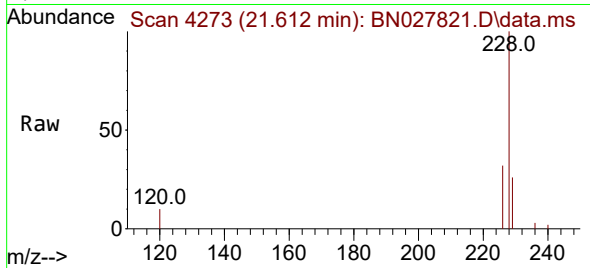
Tgt Ion:228 Resp: 20956
Ion Ratio Lower Upper
228 100
229 24.6 15.8 23.8#
226 28.3 22.0 33.0





#22
Chrysene
Concen: 0.309 ng/ul
RT: 21.612 min Scan# 4273
Delta R.T. 0.003 min
Lab File: BN027821.D
Acq: 22 Sep 2023 12:22

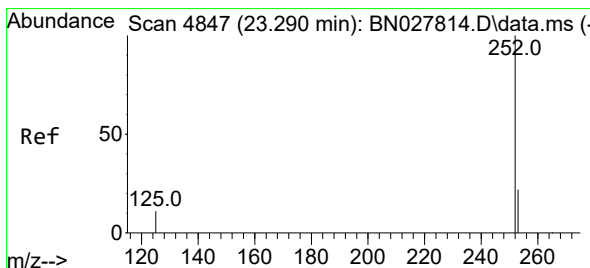
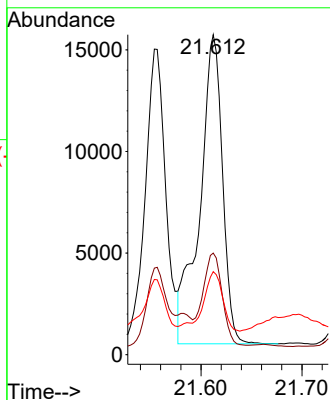
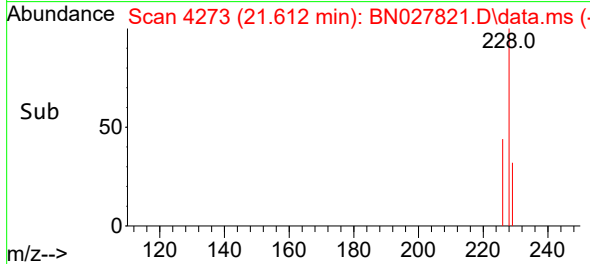
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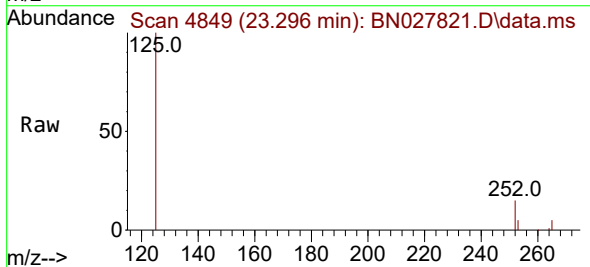
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Ion Ratio Lower Upper
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226 31.8 24.5 36.7
229 26.0 16.0 24.0

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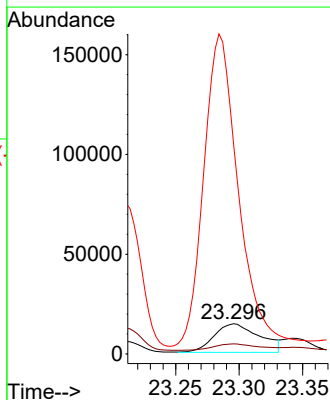
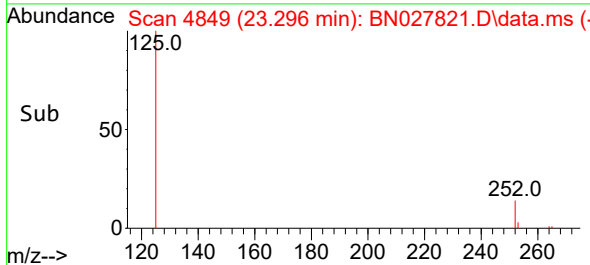
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023

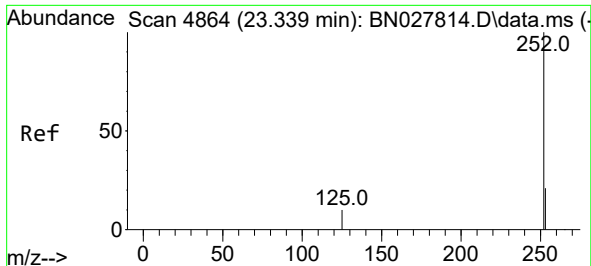


#24
Benzo(b)fluoranthene
Concen: 0.459 ng/ul m
RT: 23.296 min Scan# 4849
Delta R.T. 0.006 min
Lab File: BN027821.D
Acq: 22 Sep 2023 12:22



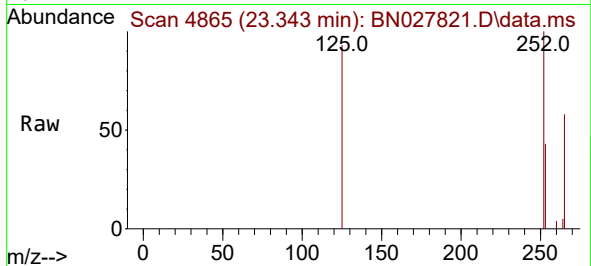
Tgt Ion:252 Resp: 35923
Ion Ratio Lower Upper
252 100
253 33.2 0.0 50.2
125 683.7 0.0 31.4





#25
Benzo(k)fluoranthene
Concen: 0.168 ng/ul m
RT: 23.343 min Scan# 4864
Delta R.T. 0.000 min
Lab File: BN027821.D
Acq: 22 Sep 2023 12:22

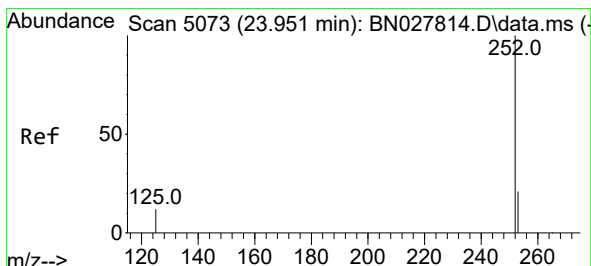
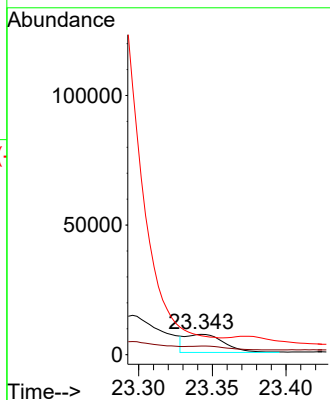
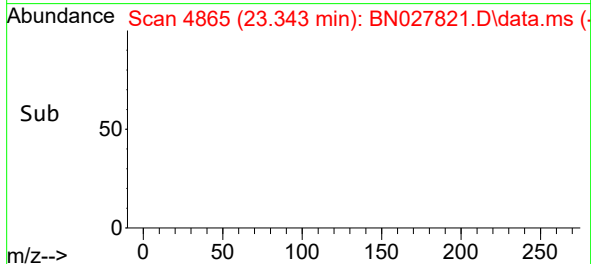
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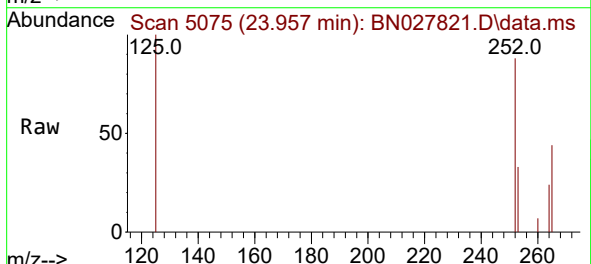
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Ion Ratio Lower Upper
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253 42.8 19.9 29.9#
125 92.6 12.6 19.0#

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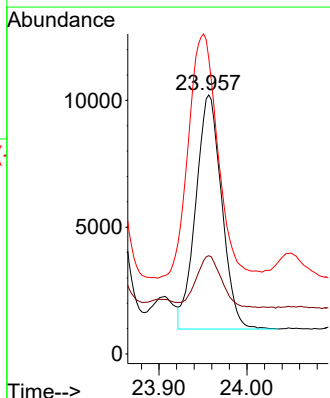
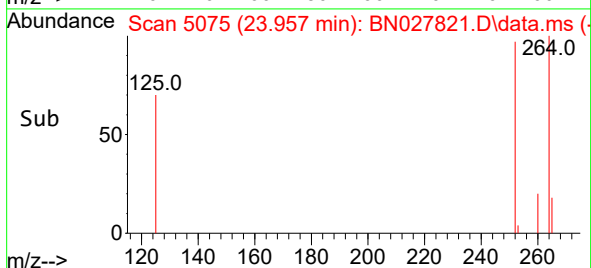
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023

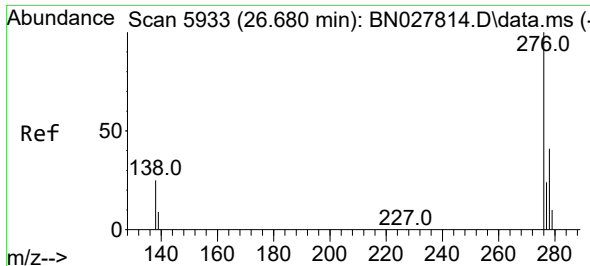


#26
Benzo(a)pyrene
Concen: 0.301 ng/ul
RT: 23.957 min Scan# 5075
Delta R.T. 0.006 min
Lab File: BN027821.D
Acq: 22 Sep 2023 12:22



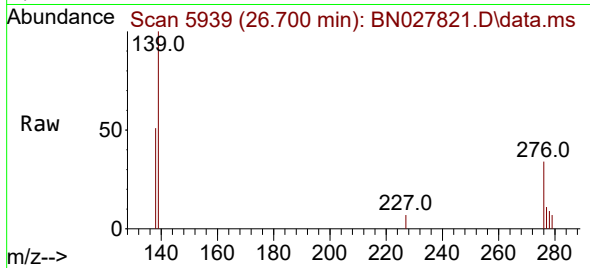
Tgt Ion:252 Resp: 18949
Ion Ratio Lower Upper
252 100
253 37.9 21.9 32.9#
125 114.1 15.5 23.3#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.211 ng/ul
RT: 26.700 min Scan# 5933
Delta R.T. 0.017 min
Lab File: BN027821.D
Acq: 22 Sep 2023 12:22

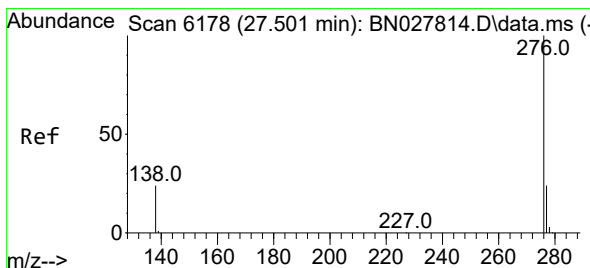
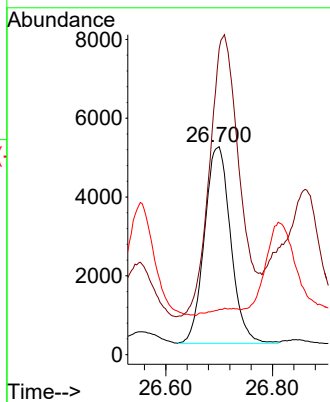
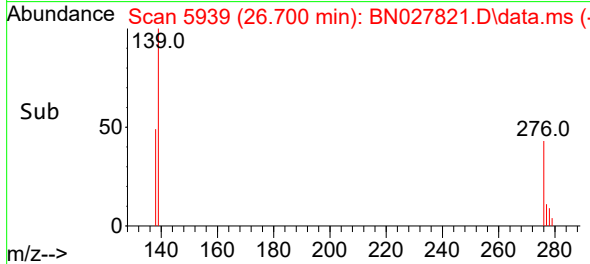
Instrument :
BNA_N
ClientSampleId :
C0AE3



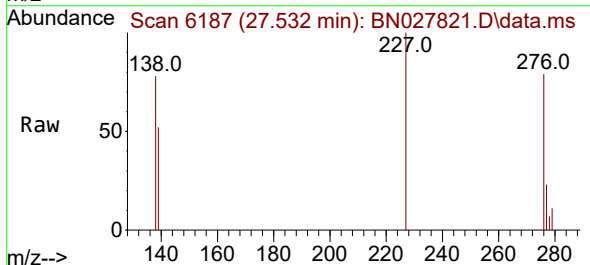
Tgt Ion:276 Resp: 1699
Ion Ratio Lower Upper
276 100
138 167.8 24.3 36.5
227 4.6 0.0 0.0

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.334 ng/ul
RT: 27.532 min Scan# 6187
Delta R.T. 0.027 min
Lab File: BN027821.D
Acq: 22 Sep 2023 12:22



Tgt Ion:276 Resp: 22872
Ion Ratio Lower Upper
276 100
138 98.4 21.7 32.5
277 29.3 20.2 30.2

