

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081823\
 Data File : BN026966.D
 Acq On : 18 Aug 2023 19:14
 Operator : MA/JU
 Sample : 03965-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48J3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/21/2023
 Supervised By :mohammad ahmed 08/21/2023

Quant Time: Aug 19 00:02:05 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	8.105	152	6889	0.400	ng/ul	0.00
4) Naphthalene-d8	10.933	136	22862	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.731	164	14107	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.477	188	32906	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.650	240	28939	0.400	ng/ul	# 0.00
23) Perylene-d12	24.202	264	28307	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	21559	2.636	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.506	152	6890	0.205	ng/ul	0.00
18) Fluoranthene-d10	19.492	212	18602	0.204	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.982	128	24847	0.385	ng/ul	99
7) 2-Methylnaphthalene	12.577	142	17390	0.444	ng/ul	100
8) 1-Methylnaphthalene	12.792	142	14434	0.352	ng/ul	100
10) Acenaphthylene	14.458	152	45086	0.570	ng/ul	100
11) Acenaphthene	14.795	153	16608	0.304	ng/ul	99
12) Fluorene	15.776	166	20880	0.337	ng/ul	99
15) Phenanthrene	17.519	178	465151	4.303	ng/ul	100
16) Anthracene	17.612	178	96833	0.991	ng/ul	98
19) Fluoranthene	19.525	202	1110743	9.240	ng/ul	100
20) Pyrene	19.892	202	994370m	7.753	ng/ul	
21) Benzo(a)anthracene	21.633	228	587036	5.100	ng/ul	98
22) Chrysene	21.688	228	641322	5.645	ng/ul	97
24) Benzo(b)fluoranthene	23.413	252	815568m	7.617	ng/ul	
25) Benzo(k)fluoranthene	23.460	252	292994m	2.774	ng/ul	
26) Benzo(a)pyrene	24.088	252	526628	5.451	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.891	276	322112	2.549	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.918	278	81375	0.808	ng/ul#	84
29) Benzo(g,h,i)perylene	27.733	276	276206	2.625	ng/ul	100

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

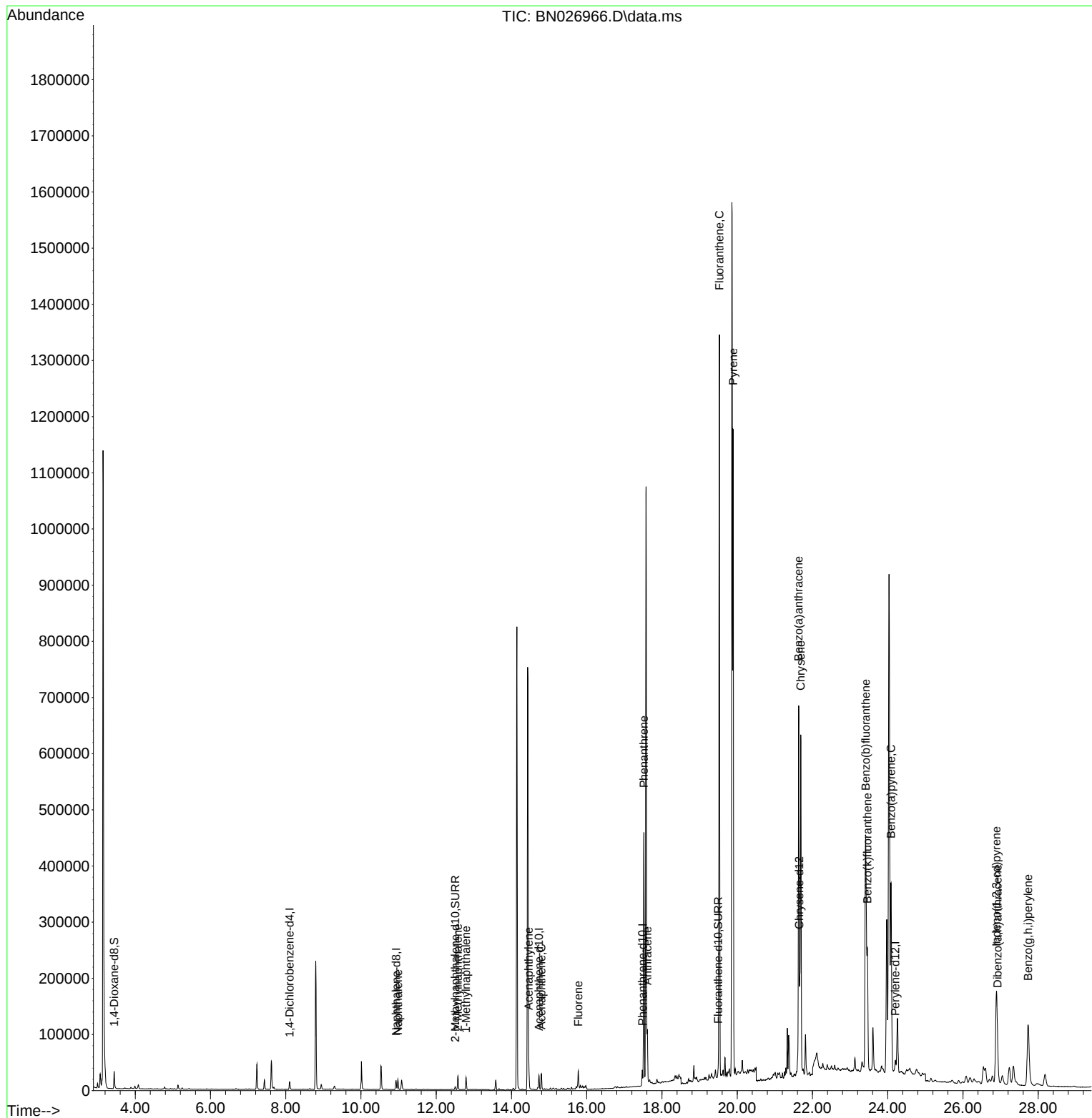
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081823\
Data File : BN026966.D
Acq On : 18 Aug 2023 19:14
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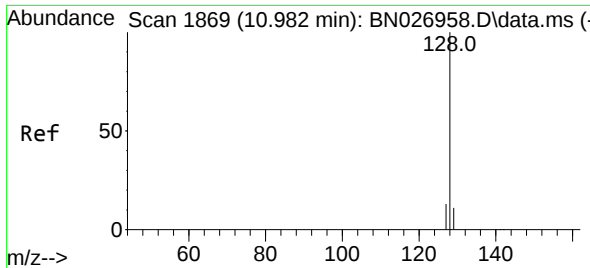
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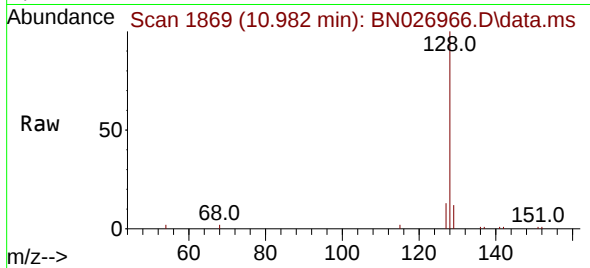
Quant Time: Aug 19 00:02:05 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 18 13:11:26 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.385 ng/ul
RT: 10.982 min Scan# 1869
Delta R.T. 0.000 min
Lab File: BN026966.D
Acq: 18 Aug 2023 19:14

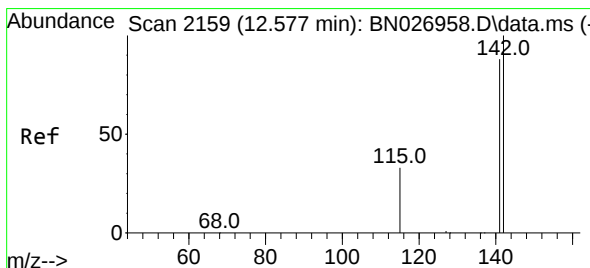
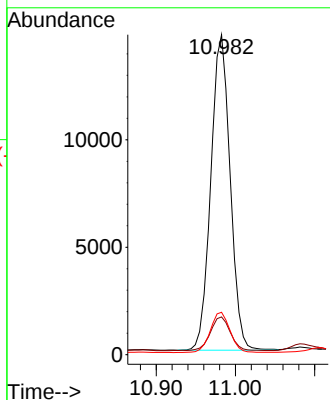
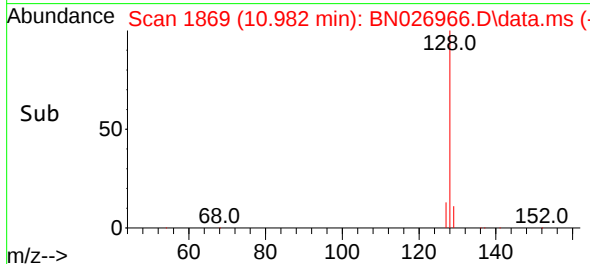
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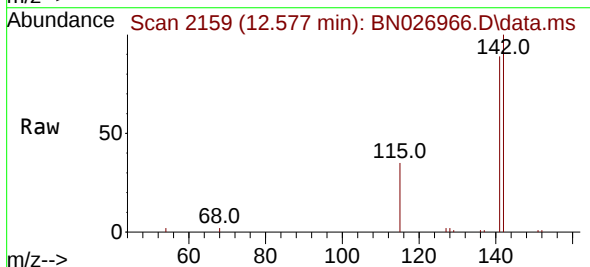
Tgt Ion:128 Resp: 2484
Ion Ratio Lower Upper
128 100
129 11.8 9.2 13.8
127 13.2 10.5 15.7

Manual Integrations
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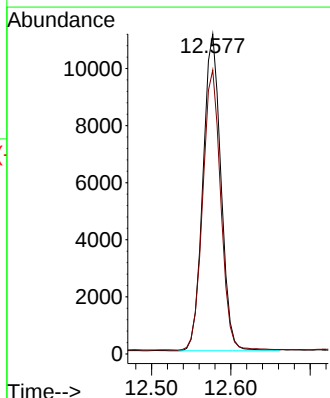
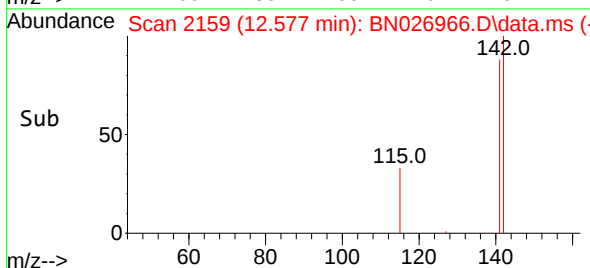
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023

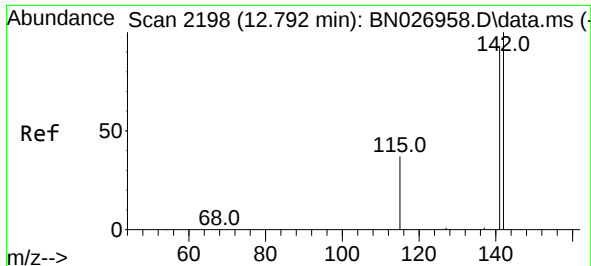


#7
2-Methylnaphthalene
Concen: 0.444 ng/ul
RT: 12.577 min Scan# 2159
Delta R.T. 0.000 min
Lab File: BN026966.D
Acq: 18 Aug 2023 19:14



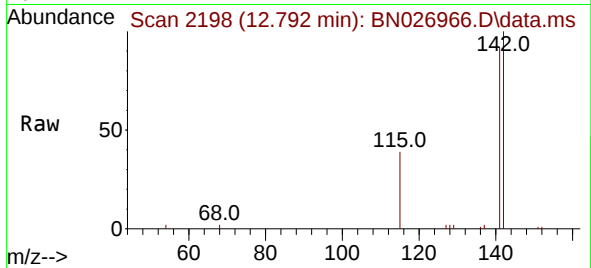
Tgt Ion:142 Resp: 17390
Ion Ratio Lower Upper
142 100
141 88.7 70.9 106.3





#8
1-Methylnaphthalene
Concen: 0.352 ng/ul
RT: 12.792 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BN026966.D
Acq: 18 Aug 2023 19:14

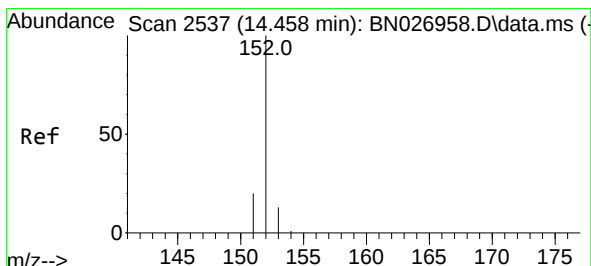
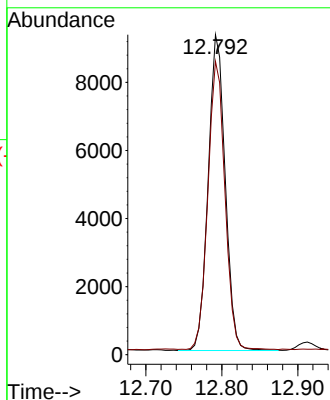
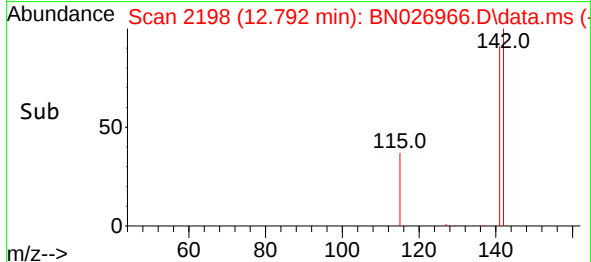
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Tgt Ion:142 Resp: 14434
Ion Ratio Lower Upper
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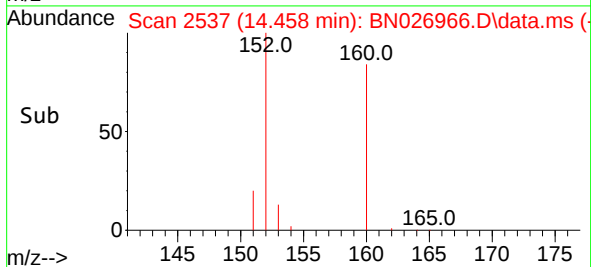
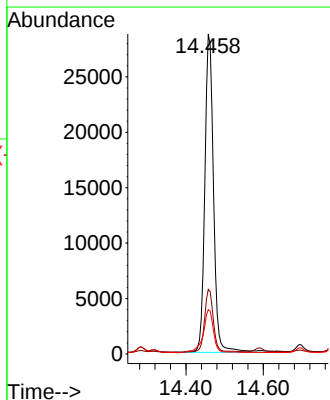
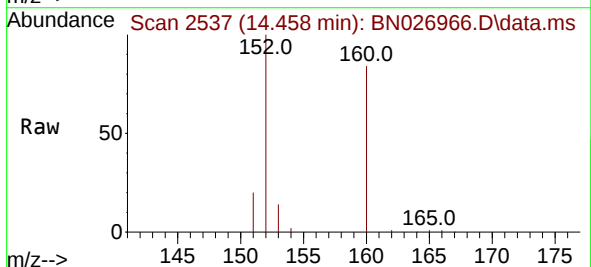
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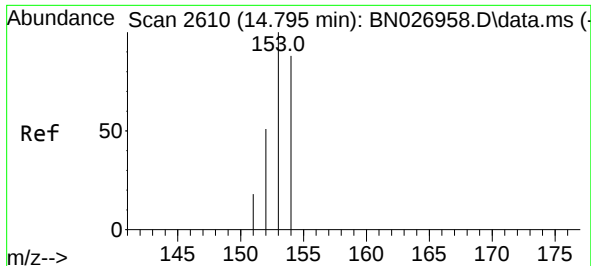
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#10
Acenaphthylene
Concen: 0.570 ng/ul
RT: 14.458 min Scan# 2537
Delta R.T. 0.000 min
Lab File: BN026966.D
Acq: 18 Aug 2023 19:14

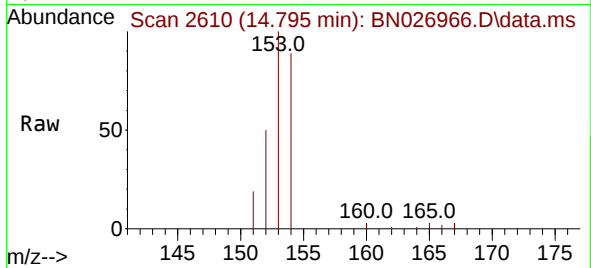
Tgt Ion:152 Resp: 45086
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 13.9 11.0 16.6





#11
Acenaphthene
Concen: 0.304 ng/ul
RT: 14.795 min Scan# 2610
Delta R.T. 0.005 min
Lab File: BN026966.D
Acq: 18 Aug 2023 19:14

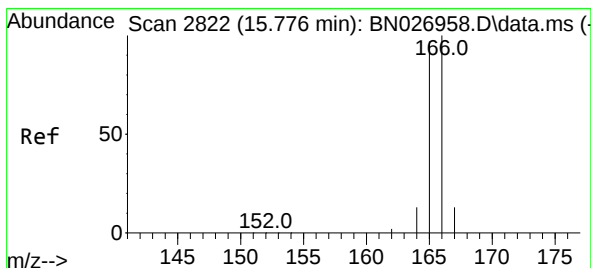
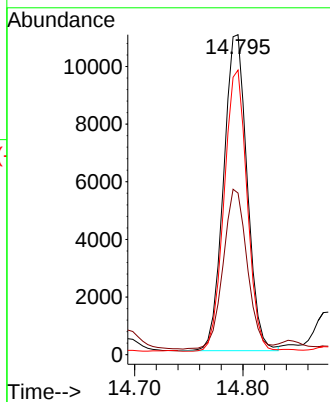
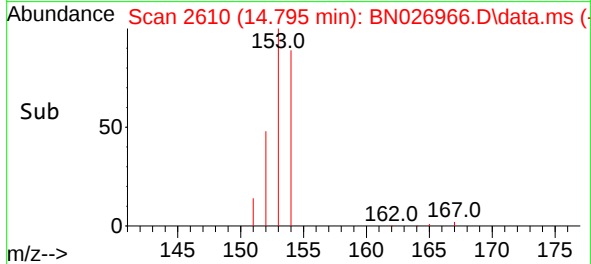
Instrument :
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ClientSampleId :
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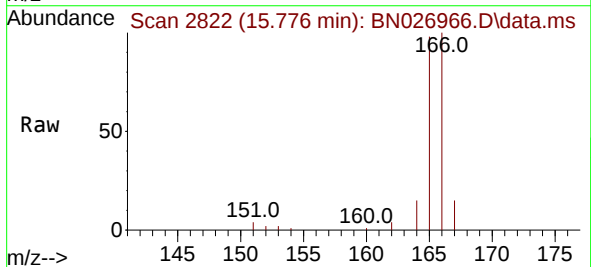
Tgt Ion:153 Resp: 16608
Ion Ratio Lower Upper
153 100
152 50.5 41.1 61.7
154 88.9 71.6 107.4

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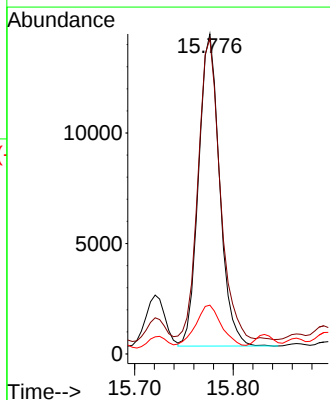
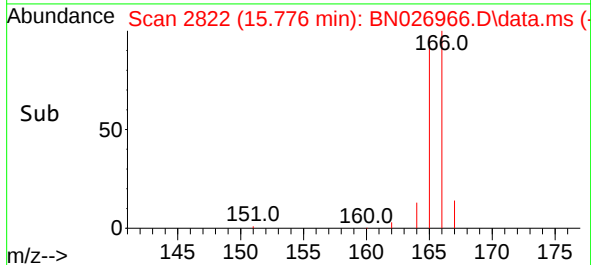
Reviewed By :Yogesh Patel 08/21/2023
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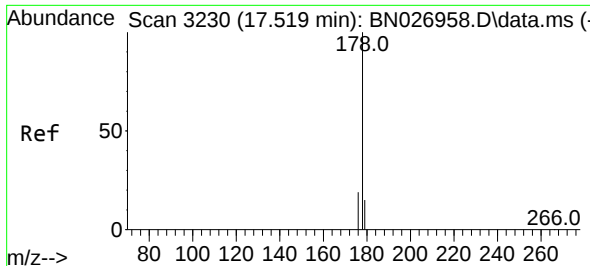


#12
Fluorene
Concen: 0.337 ng/ul
RT: 15.776 min Scan# 2822
Delta R.T. 0.005 min
Lab File: BN026966.D
Acq: 18 Aug 2023 19:14



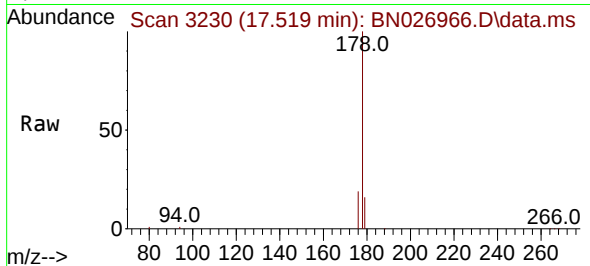
Tgt Ion:166 Resp: 20880
Ion Ratio Lower Upper
166 100
165 98.5 79.1 118.7
167 15.3 11.4 17.0





#15
Phenanthrene
Concen: 4.303 ng/ul
RT: 17.519 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN026966.D
Acq: 18 Aug 2023 19:14

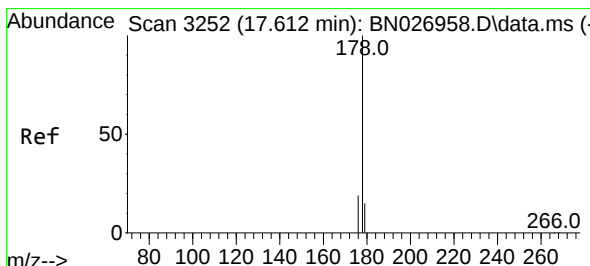
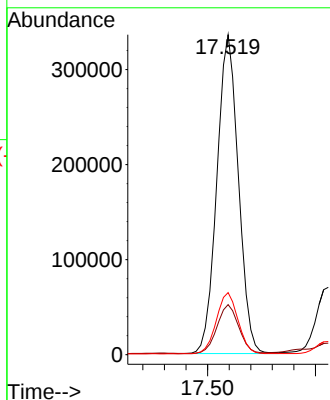
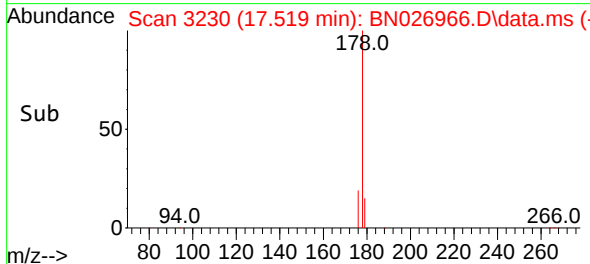
Instrument :
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Tgt Ion:178 Resp: 46515
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 19.4 15.4 23.2

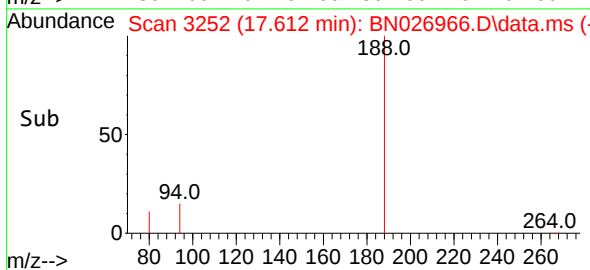
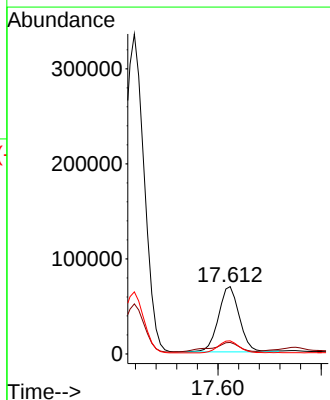
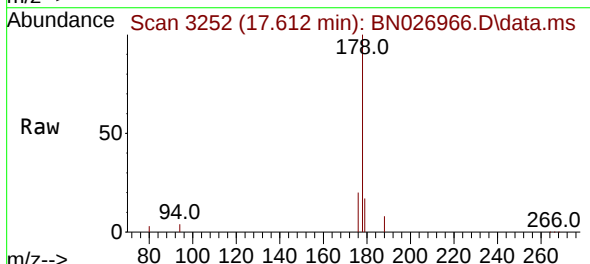
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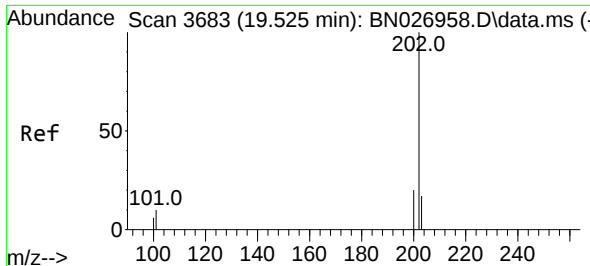
Reviewed By :Yogesh Patel 08/21/2023
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#16
Anthracene
Concen: 0.991 ng/ul
RT: 17.612 min Scan# 3252
Delta R.T. 0.004 min
Lab File: BN026966.D
Acq: 18 Aug 2023 19:14

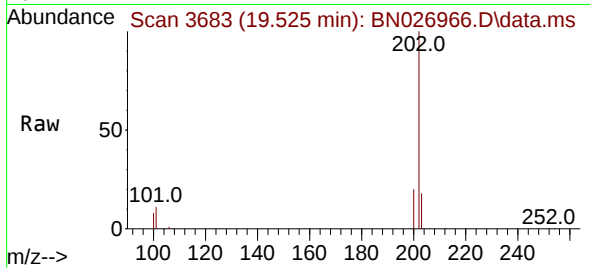
Tgt Ion:178 Resp: 96833
Ion Ratio Lower Upper
178 100
179 17.2 12.6 19.0
176 19.5 15.0 22.6





#19
Fluoranthene
Concen: 9.240 ng/ul
RT: 19.525 min Scan# 3683
Delta R.T. 0.000 min
Lab File: BN026966.D
Acq: 18 Aug 2023 19:14

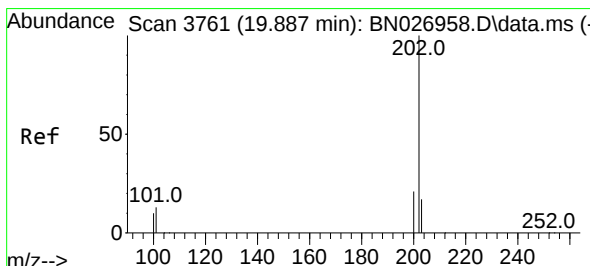
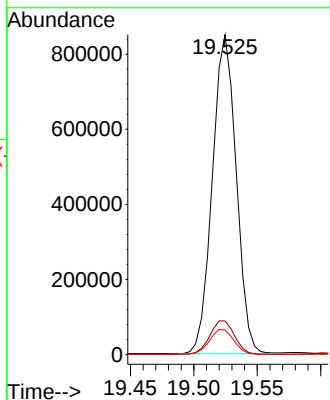
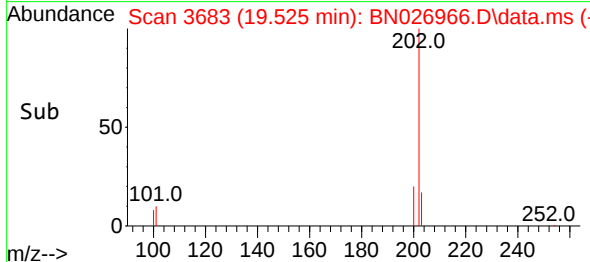
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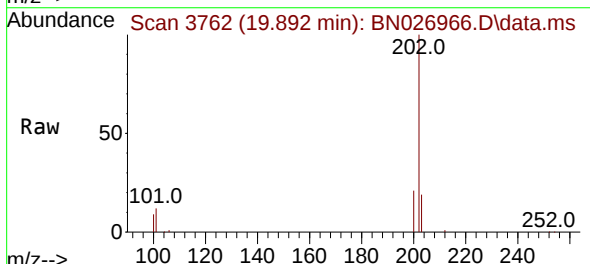
Tgt Ion:202 Resp: 111074
Ion Ratio Lower Upper
202 100
101 10.6 8.3 12.5
100 7.7 6.2 9.2

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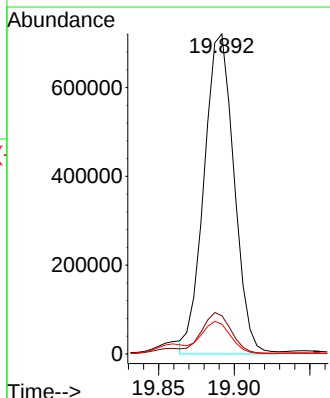
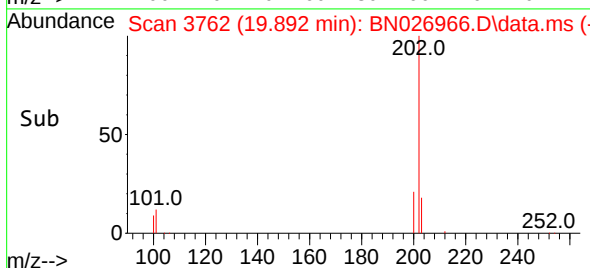
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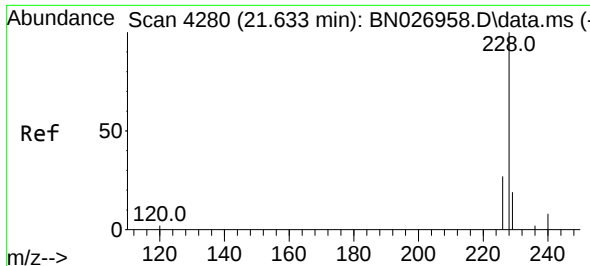


#20
Pyrene
Concen: 7.753 ng/ul m
RT: 19.892 min Scan# 3762
Delta R.T. 0.005 min
Lab File: BN026966.D
Acq: 18 Aug 2023 19:14



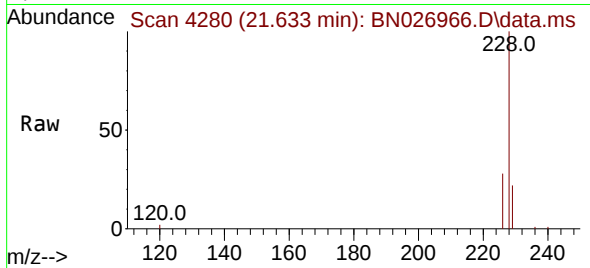
Tgt Ion:202 Resp: 994370
Ion Ratio Lower Upper
202 100
101 12.0 10.7 16.1
100 9.3 8.5 12.7





#21
Benzo(a)anthracene
Concen: 5.100 ng/ul
RT: 21.633 min Scan# 4280
Delta R.T. 0.000 min
Lab File: BN026966.D
Acq: 18 Aug 2023 19:14

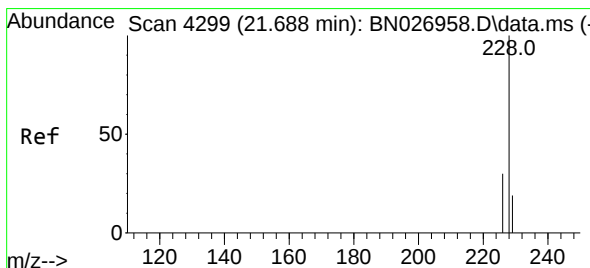
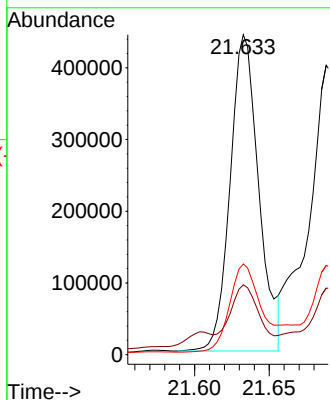
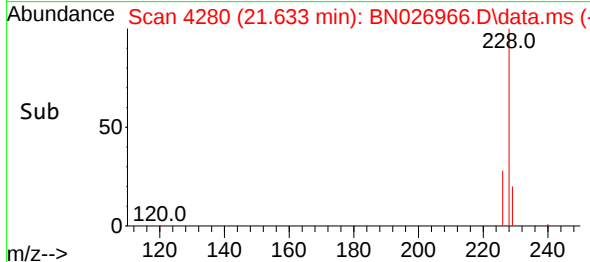
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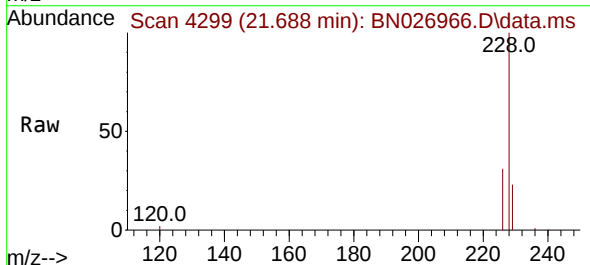
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Ion Ratio Lower Upper
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229 21.9 16.0 24.0
226 28.4 22.2 33.2

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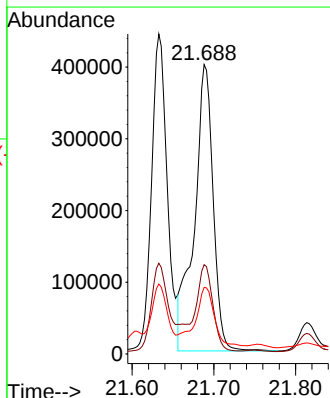
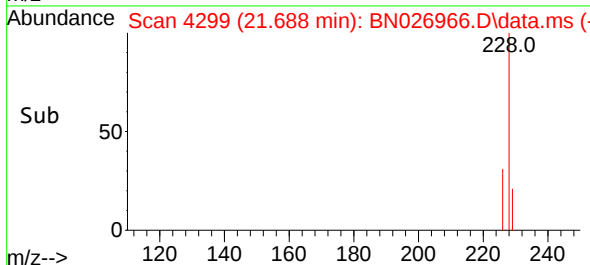
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Supervised By :mohammad ahmed 08/21/2023

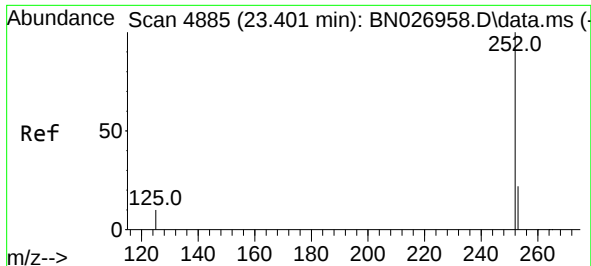


#22
Chrysene
Concen: 5.645 ng/ul
RT: 21.688 min Scan# 4299
Delta R.T. -0.003 min
Lab File: BN026966.D
Acq: 18 Aug 2023 19:14



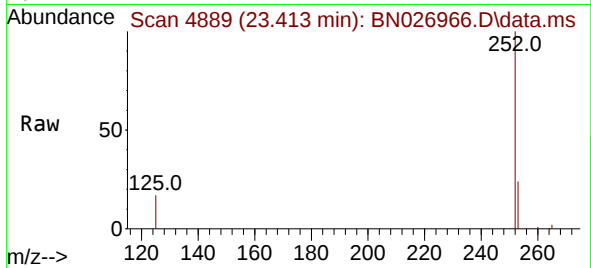
Tgt Ion:228 Resp: 641322
Ion Ratio Lower Upper
228 100
226 30.9 24.6 36.8
229 23.0 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 7.617 ng/ul m
RT: 23.413 min Scan# 4889
Delta R.T. 0.006 min
Lab File: BN026966.D
Acq: 18 Aug 2023 19:14

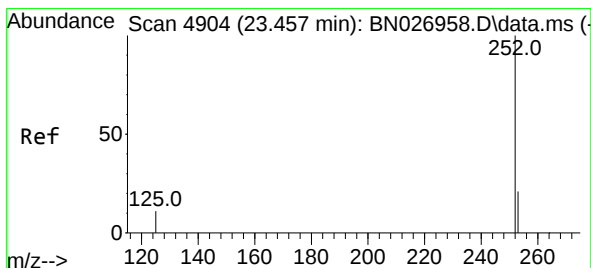
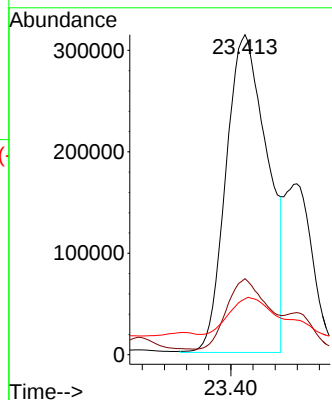
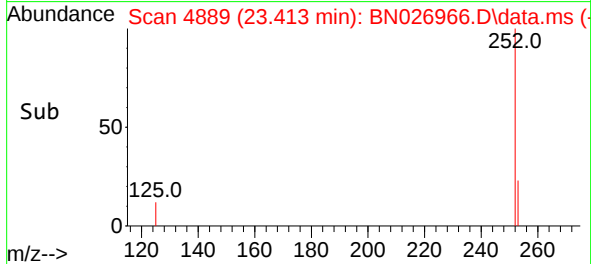
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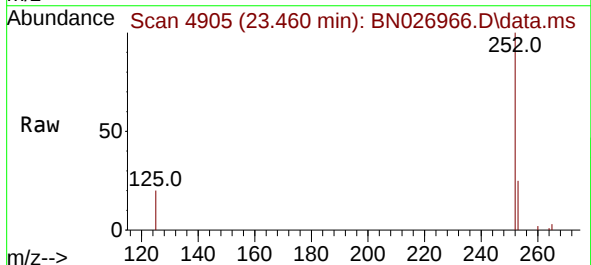
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Ion Ratio Lower Upper
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253 23.7 0.0 46.8
125 17.4 0.0 25.2

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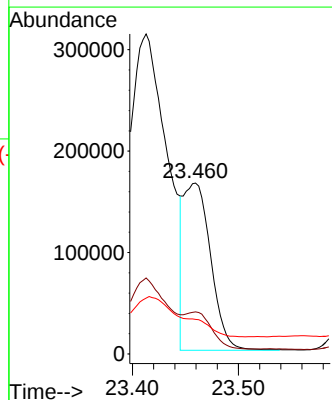
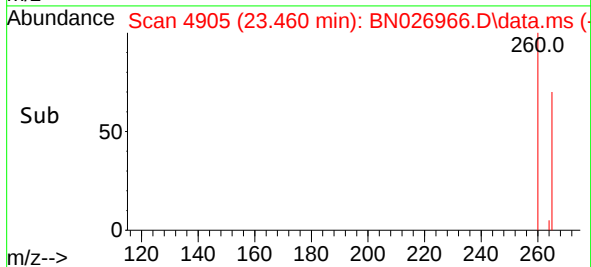
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023

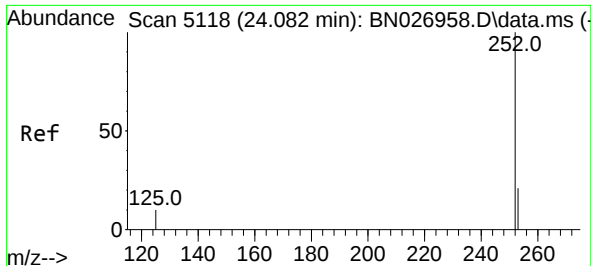


#25
Benzo(k)fluoranthene
Concen: 2.774 ng/ul m
RT: 23.460 min Scan# 4905
Delta R.T. 0.000 min
Lab File: BN026966.D
Acq: 18 Aug 2023 19:14



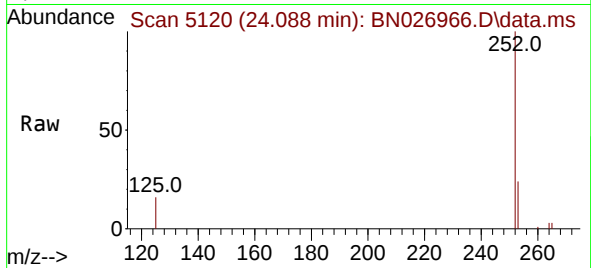
Tgt Ion:252 Resp: 292994
Ion Ratio Lower Upper
252 100
253 24.7 18.2 27.4
125 20.3 9.9 14.9#





#26
Benzo(a)pyrene
Concen: 5.451 ng/ul
RT: 24.088 min Scan# 5118
Delta R.T. 0.003 min
Lab File: BN026966.D
Acq: 18 Aug 2023 19:14

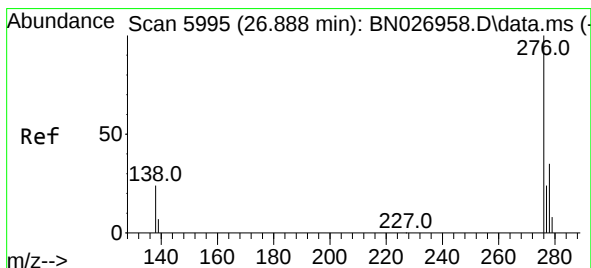
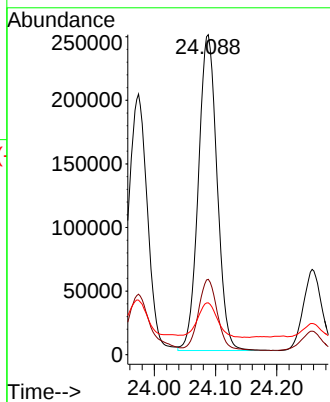
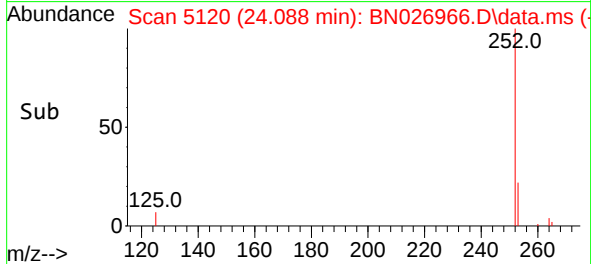
Instrument :
BNA_N
ClientSampleId :
A48J3



Tgt Ion:252 Resp: 526628
Ion Ratio Lower Upper
252 100
253 23.5 19.0 28.6
125 16.2 11.4 17.0

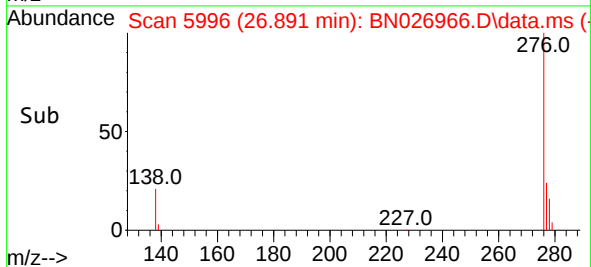
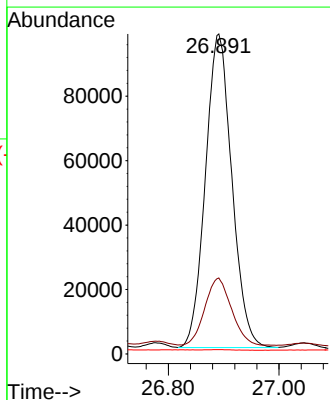
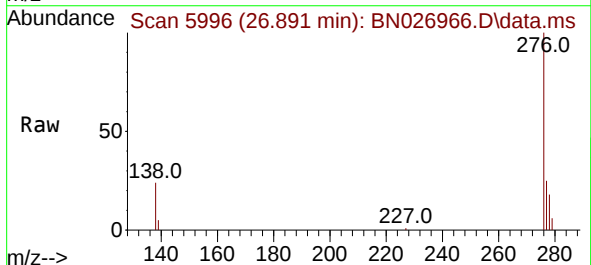
Manual Integrations
APPROVED

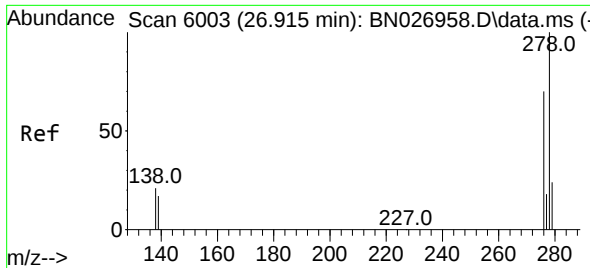
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.549 ng/ul
RT: 26.891 min Scan# 5996
Delta R.T. 0.006 min
Lab File: BN026966.D
Acq: 18 Aug 2023 19:14

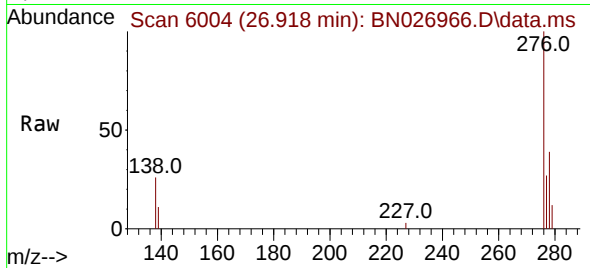
Tgt Ion:276 Resp: 322112
Ion Ratio Lower Upper
276 100
138 21.5 21.6 32.4#
227 0.2 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.808 ng/ul
RT: 26.918 min Scan# 6003
Delta R.T. -0.004 min
Lab File: BN026966.D
Acq: 18 Aug 2023 19:14

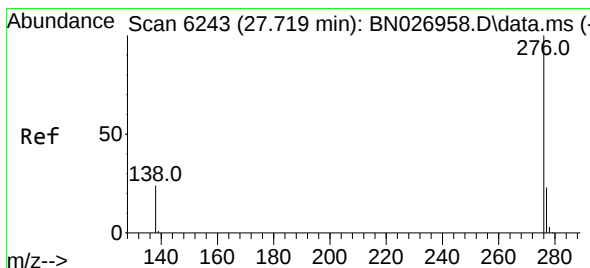
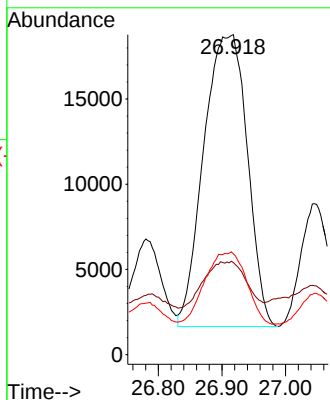
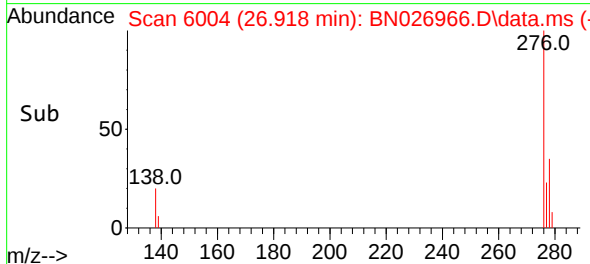
Instrument :
BNA_N
ClientSampleId :
A48J3



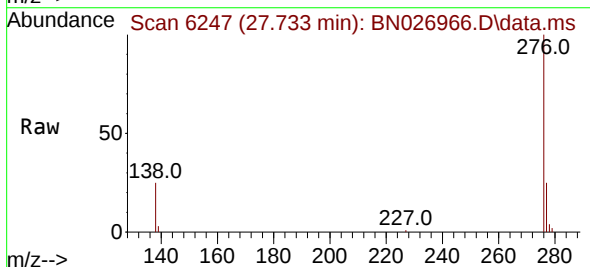
Tgt Ion:278 Resp: 8137
Ion Ratio Lower Upper
278 100
139 28.8 15.7 23.5
279 31.5 20.2 30.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#29
Benzo(g,h,i)perylene
Concen: 2.625 ng/ul
RT: 27.733 min Scan# 6247
Delta R.T. 0.010 min
Lab File: BN026966.D
Acq: 18 Aug 2023 19:14



Tgt Ion:276 Resp: 276206
Ion Ratio Lower Upper
276 100
138 24.6 19.3 28.9
277 24.8 19.8 29.8

