

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032680.D
 Acq On : 12 Jul 2024 19:48
 Operator : MA/JU
 Sample : P3087-14
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BQ8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/13/2024
 Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 13 00:03:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 01:40:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.553	152	5532	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.321	136	16140	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.202	164	8632	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.957	188	16043m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.171	240	13612m	0.400	ng/ul	-0.02
23) Perylene-d12	23.365	264	15198m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	22064	3.322	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.927	152	5677	0.233	ng/ul	-0.04
18) Fluoranthene-d10	18.999	212	10696	0.241	ng/ul	-0.03
Target Compounds						
						Qvalue
5) Naphthalene	10.371	128	8155	0.188	ng/ul	99
7) 2-Methylnaphthalene	12.004	142	2492	0.092	ng/ul	96
8) 1-Methylnaphthalene	12.224	142	1963	0.070	ng/ul	99
10) Acenaphthylene	13.920	152	10751	0.308	ng/ul	98
11) Acenaphthene	14.262	153	7793	0.270	ng/ul	99
12) Fluorene	15.257	166	9502	0.288	ng/ul	99
15) Phenanthrene	16.999	178	191086m	4.373	ng/ul	
16) Anthracene	17.092	178	34333m	0.962	ng/ul	
19) Fluoranthene	19.027	202	405893	7.334	ng/ul	98
20) Pyrene	19.394	202	288841	5.042	ng/ul	98
21) Benzo(a)anthracene	21.153	228	182195m	4.205	ng/ul	
22) Chrysene	21.206	228	207475	3.310	ng/ul	98
24) Benzo(b)fluoranthene	22.708	252	301074m	5.615	ng/ul	
25) Benzo(k)fluoranthene	22.748	252	105182m	1.610	ng/ul	
26) Benzo(a)pyrene	23.269	252	104277	2.247	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	25.572	276	103040	1.640	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.569	278	35710	0.733	ng/ul#	92
29) Benzo(g,h,i)perylene	26.253	276	14279	0.272	ng/ul#	83

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

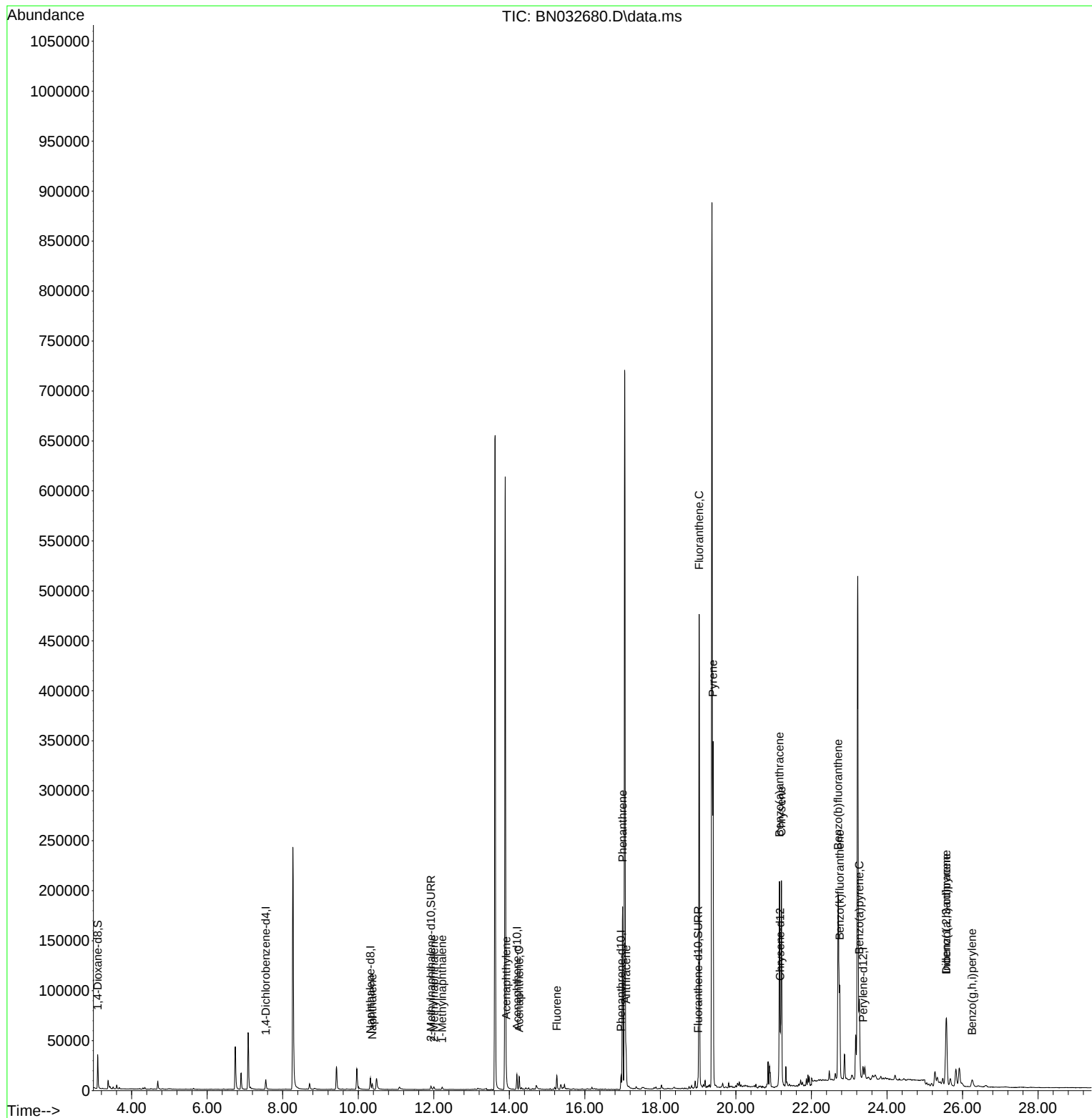
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032680.D
Acq On : 12 Jul 2024 19:48
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Sample : P3087-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

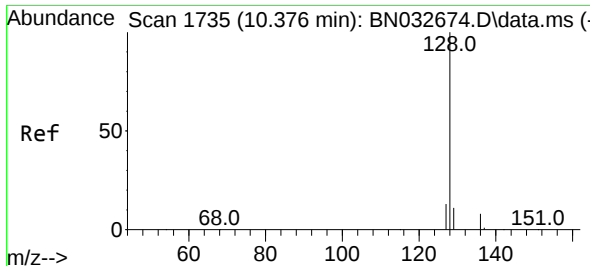
Instrument :
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ClientSampleId :
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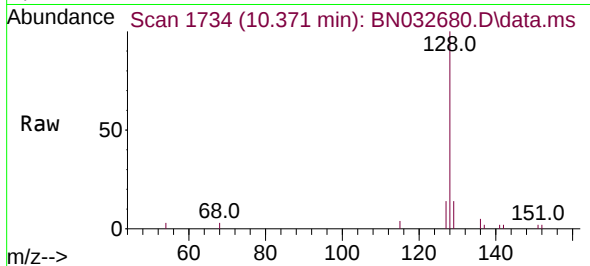
Quant Time: Jul 13 00:03:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.188 ng/ul
RT: 10.371 min Scan# 11
Delta R.T. -0.039 min
Lab File: BN032680.D
Acq: 12 Jul 2024 19:48

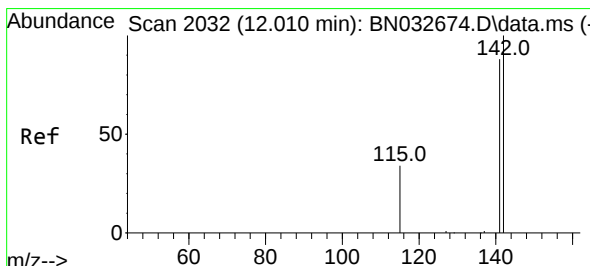
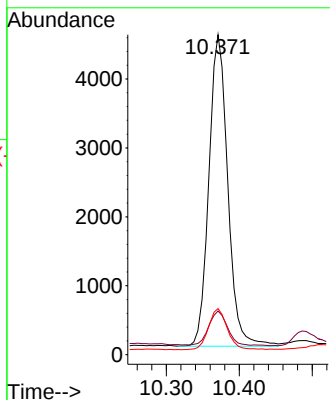
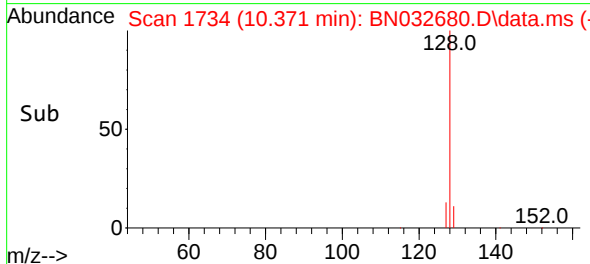
Instrument :
BNA_N
ClientSampleId :
A4BQ8



Tgt Ion:128 Resp: 815
Ion Ratio Lower Upper
128 100
129 13.7 10.0 15.0
127 14.4 11.6 17.4

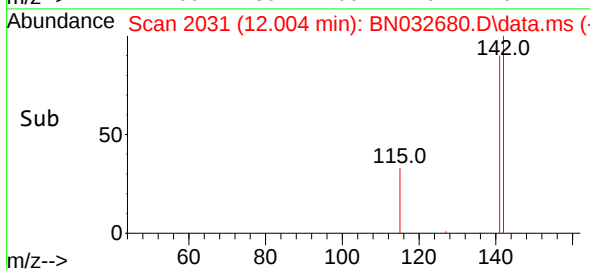
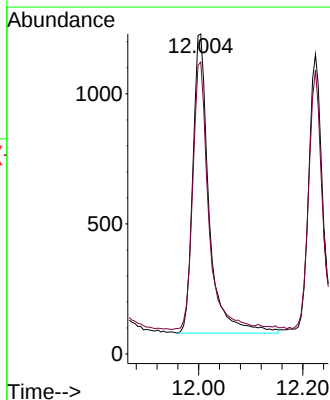
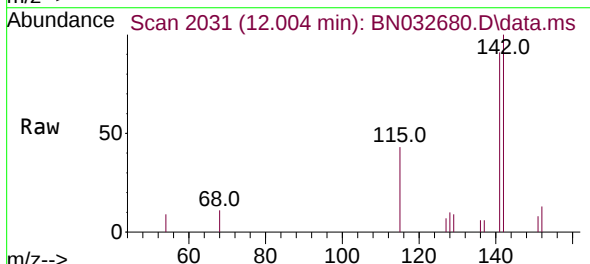
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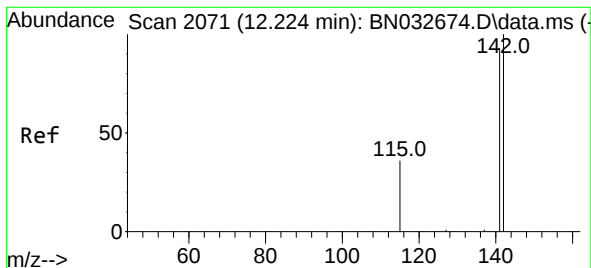
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#7
2-Methylnaphthalene
Concen: 0.092 ng/ul
RT: 12.004 min Scan# 2031
Delta R.T. -0.044 min
Lab File: BN032680.D
Acq: 12 Jul 2024 19:48

Tgt Ion:142 Resp: 2492
Ion Ratio Lower Upper
142 100
141 88.5 74.0 111.0





#8

1-Methylnaphthalene

Concen: 0.070 ng/ul

RT: 12.224 min Scan# 2071

Delta R.T. -0.022 min

Lab File: BN032680.D

Acq: 12 Jul 2024 19:48

Instrument :

BNA_N

ClientSampleId :

A4BQ8

Tgt Ion:142 Resp: 196

Ion Ratio Lower Upper

142 100

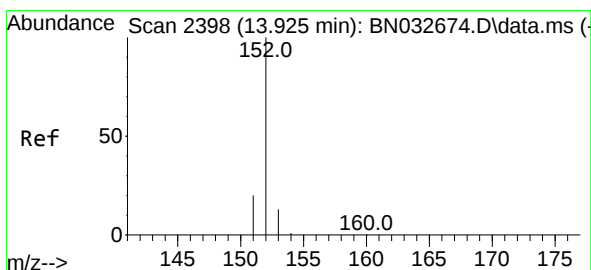
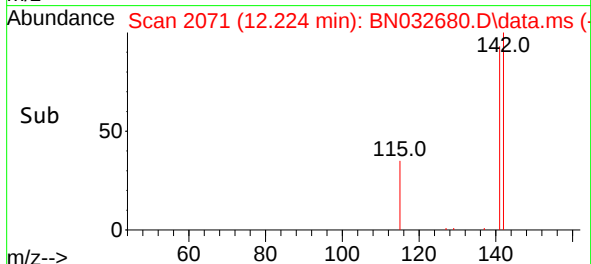
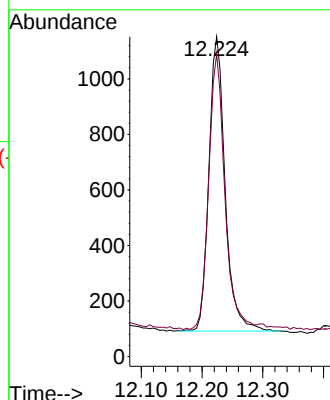
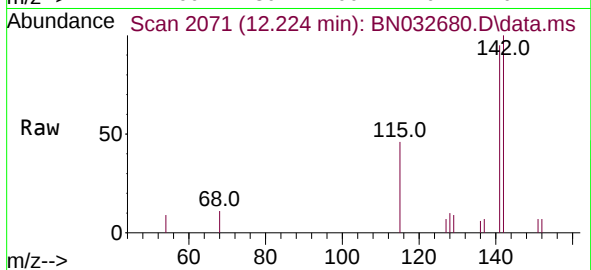
141 94.8 75.0 112.4

Manual Integrations

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Supervised By :mohammad ahmed 07/16/2024



#10

Acenaphthylene

Concen: 0.308 ng/ul

RT: 13.920 min Scan# 2397

Delta R.T. -0.023 min

Lab File: BN032680.D

Acq: 12 Jul 2024 19:48

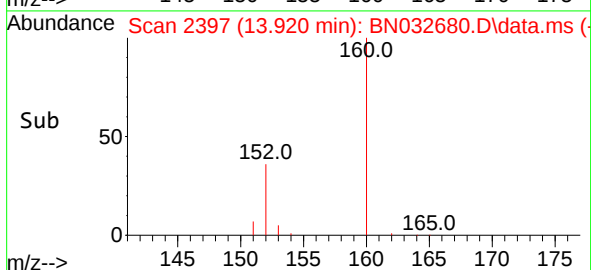
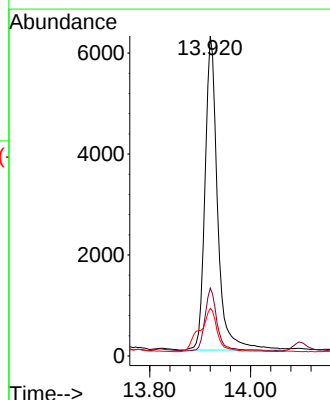
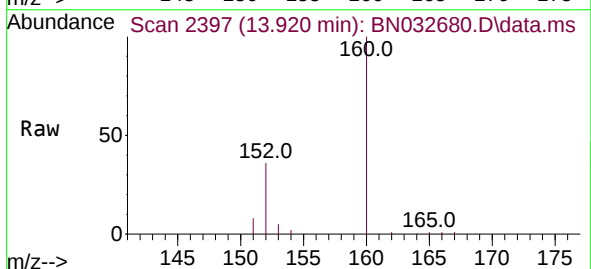
Tgt Ion:152 Resp: 10751

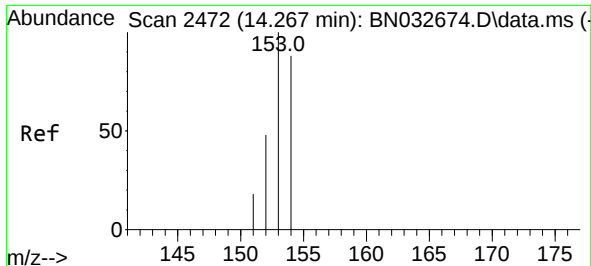
Ion Ratio Lower Upper

152 100

151 21.2 16.3 24.5

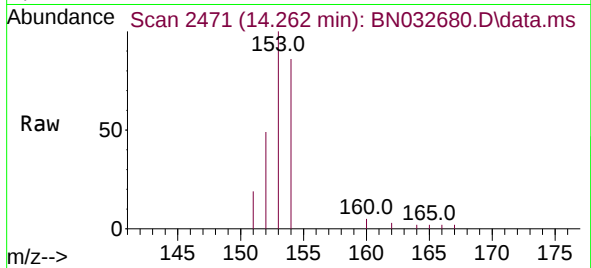
153 14.8 11.3 16.9





#11
Acenaphthene
Concen: 0.270 ng/ul
RT: 14.262 min Scan# 2471
Delta R.T. -0.019 min
Lab File: BN032680.D
Acq: 12 Jul 2024 19:48

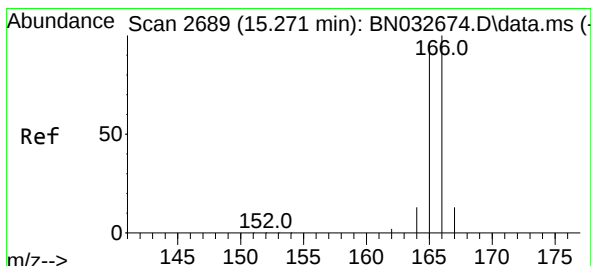
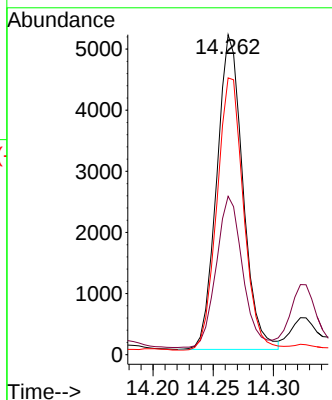
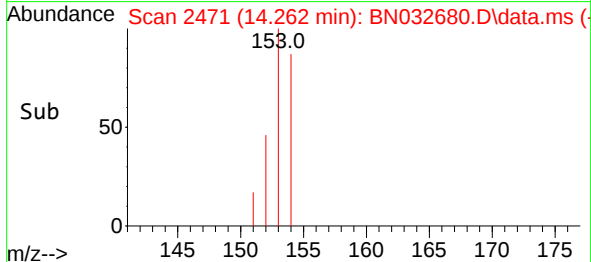
Instrument :
BNA_N
ClientSampleId :
A4BQ8



Tgt Ion:153 Resp: 779
Ion Ratio Lower Upper
153 100
152 49.5 40.0 60.0
154 86.5 70.2 105.4

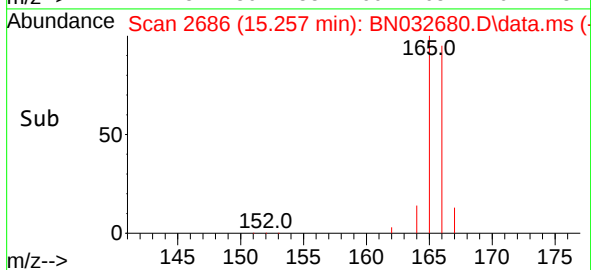
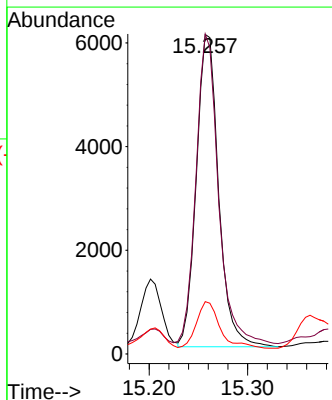
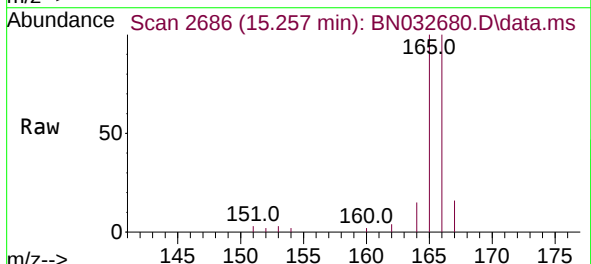
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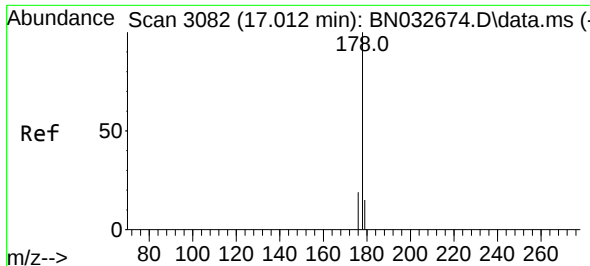
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#12
Fluorene
Concen: 0.288 ng/ul
RT: 15.257 min Scan# 2686
Delta R.T. -0.032 min
Lab File: BN032680.D
Acq: 12 Jul 2024 19:48

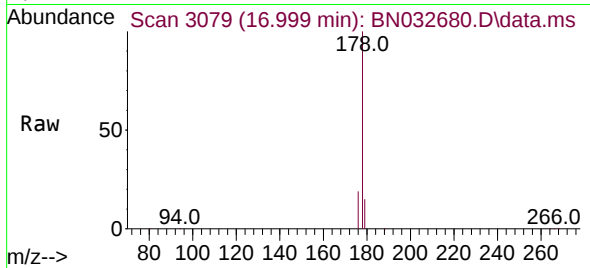
Tgt Ion:166 Resp: 9502
Ion Ratio Lower Upper
166 100
165 100.1 79.7 119.5
167 16.4 11.4 17.2





#15
Phenanthrene
Concen: 4.373 ng/ul m
RT: 16.999 min Scan# 3082
Delta R.T. -0.030 min
Lab File: BN032680.D
Acq: 12 Jul 2024 19:48

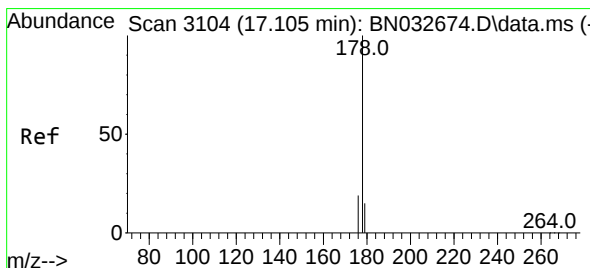
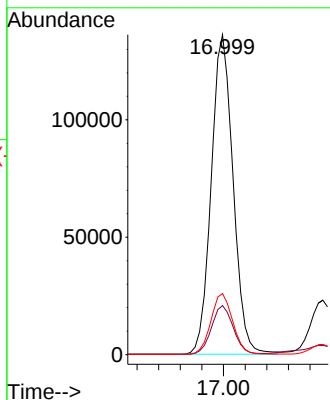
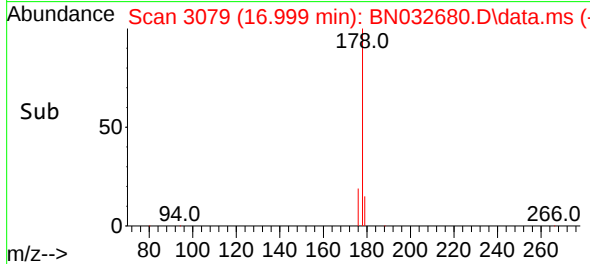
Instrument :
BNA_N
ClientSampleId :
A4BQ8



Tgt Ion:178 Resp: 191080
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.4
176 19.1 15.6 23.4

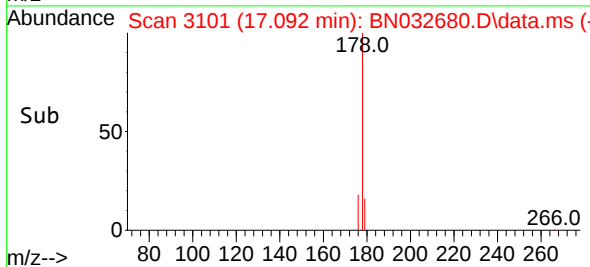
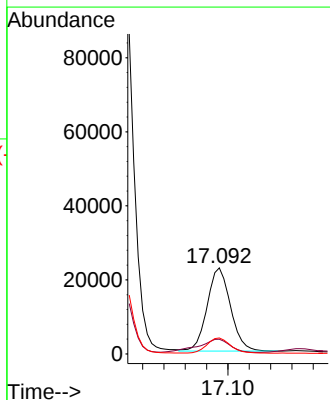
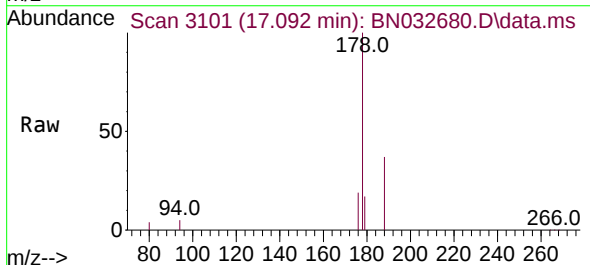
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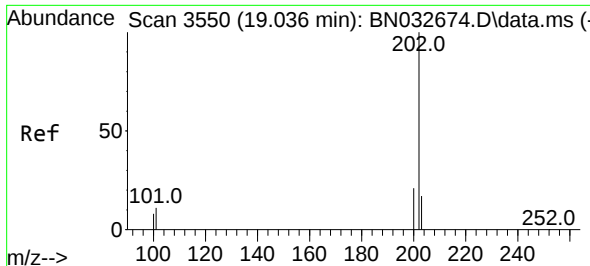
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#16
Anthracene
Concen: 0.962 ng/ul m
RT: 17.092 min Scan# 3101
Delta R.T. -0.046 min
Lab File: BN032680.D
Acq: 12 Jul 2024 19:48

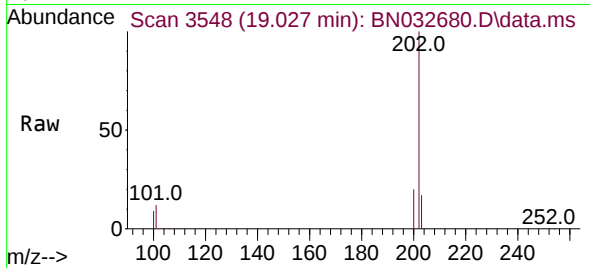
Tgt Ion:178 Resp: 34333
Ion Ratio Lower Upper
178 100
179 17.2 13.4 20.2
176 18.6 15.4 23.0





#19
Fluoranthene
Concen: 7.334 ng/u1
RT: 19.027 min Scan# 3548
Delta R.T. -0.028 min
Lab File: BN032680.D
Acq: 12 Jul 2024 19:48

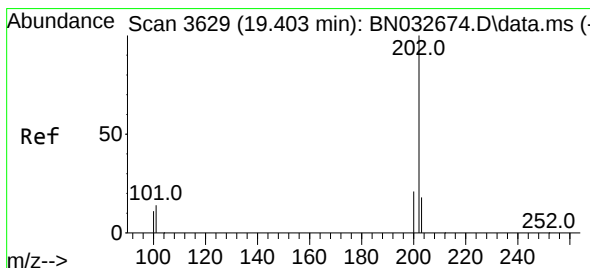
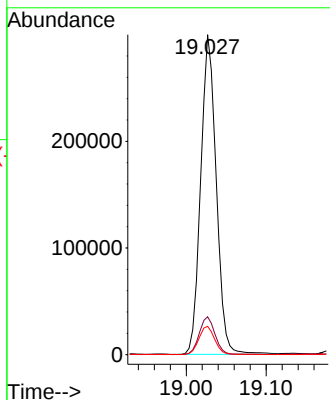
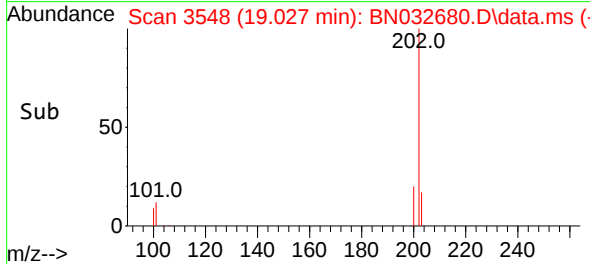
Instrument :
BNA_N
ClientSampleId :
A4BQ8



Tgt Ion:202 Resp: 40589
Ion Ratio Lower Upper
202 100
101 11.8 9.8 14.8
100 8.8 7.9 11.9

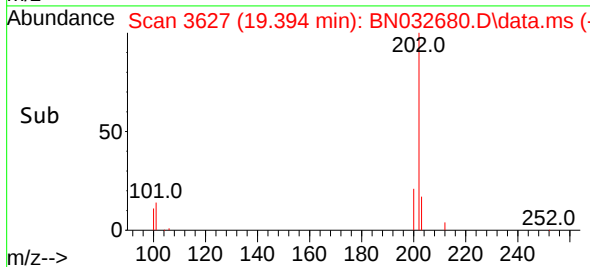
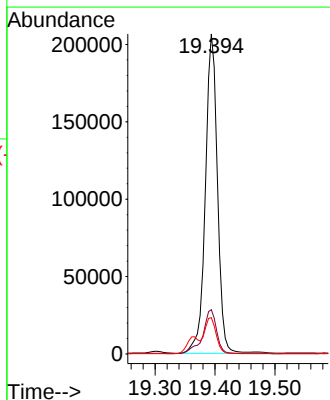
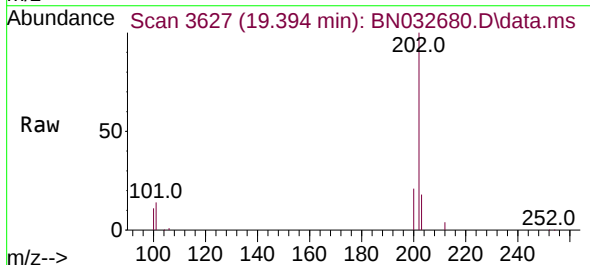
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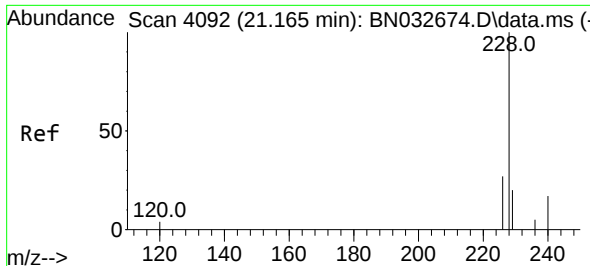
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#20
Pyrene
Concen: 5.042 ng/u1
RT: 19.394 min Scan# 3627
Delta R.T. -0.028 min
Lab File: BN032680.D
Acq: 12 Jul 2024 19:48

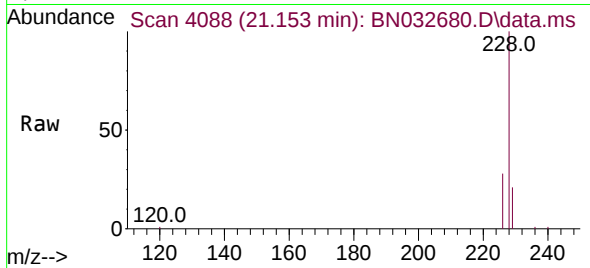
Tgt Ion:202 Resp: 288841
Ion Ratio Lower Upper
202 100
101 13.9 11.8 17.6
100 11.4 9.6 14.4





#21
Benzo(a)anthracene
Concen: 4.205 ng/ul m
RT: 21.153 min Scan# 4092
Delta R.T. -0.029 min
Lab File: BN032680.D
Acq: 12 Jul 2024 19:48

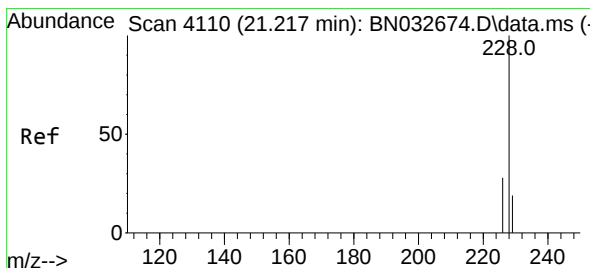
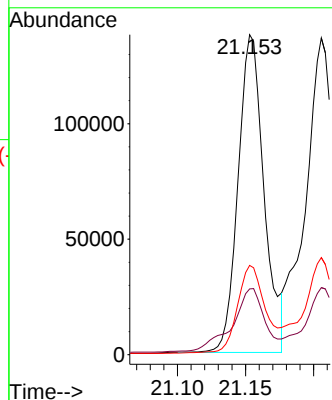
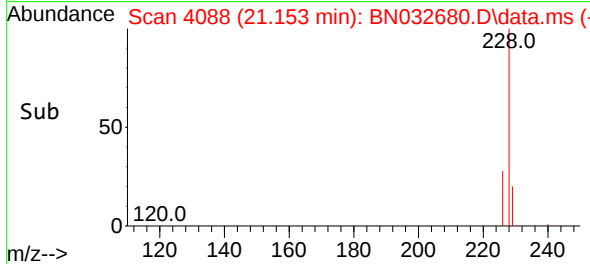
Instrument :
BNA_N
ClientSampleId :
A4BQ8



Tgt Ion:228 Resp: 182195
Ion Ratio Lower Upper
228 100
229 20.5 16.1 24.1
226 27.9 21.9 32.9

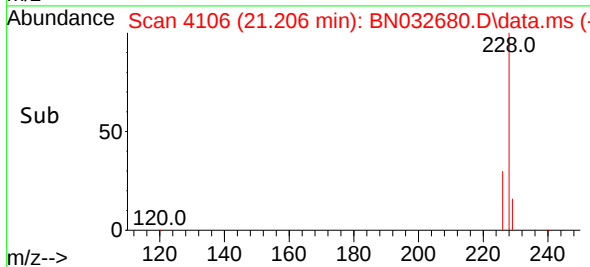
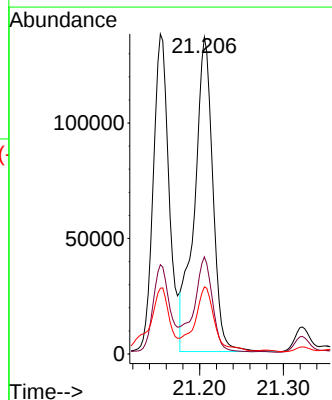
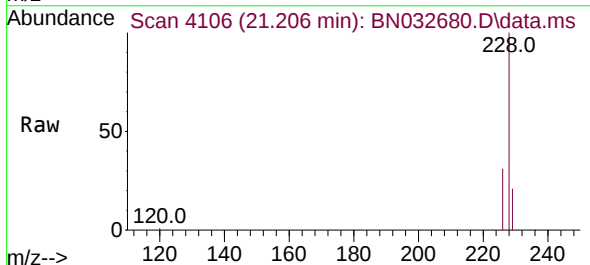
Manual Integrations
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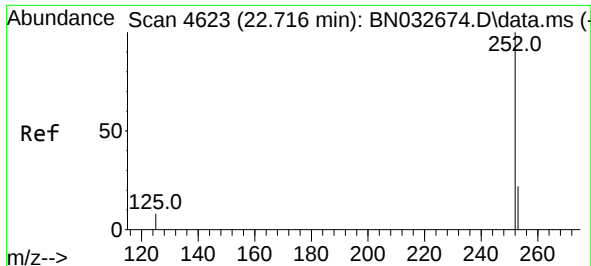
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#22
Chrysene
Concen: 3.310 ng/ul
RT: 21.206 min Scan# 4106
Delta R.T. -0.026 min
Lab File: BN032680.D
Acq: 12 Jul 2024 19:48

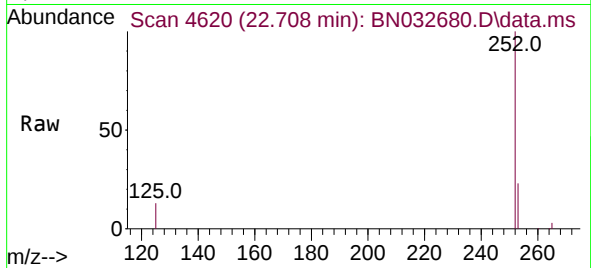
Tgt Ion:228 Resp: 207475
Ion Ratio Lower Upper
228 100
226 30.7 24.0 36.0
229 21.1 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 5.615 ng/ul m
RT: 22.708 min Scan# 4620
Delta R.T. -0.026 min
Lab File: BN032680.D
Acq: 12 Jul 2024 19:48

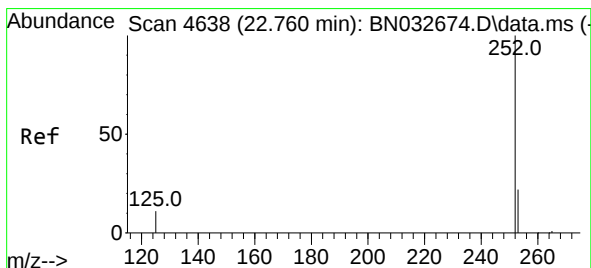
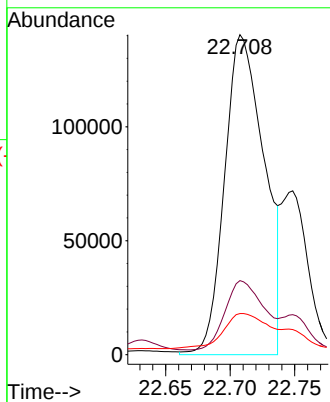
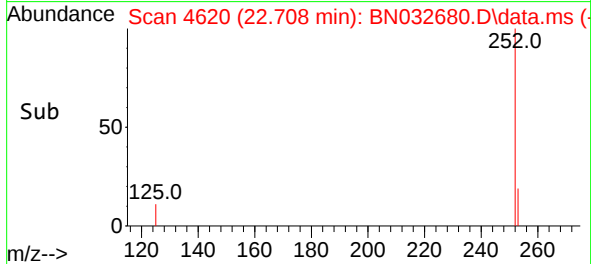
Instrument :
BNA_N
ClientSampleId :
A4BQ8



Tgt Ion:252 Resp: 301074
Ion Ratio Lower Upper
252 100
253 23.1 0.0 54.0
125 12.9 0.0 36.0

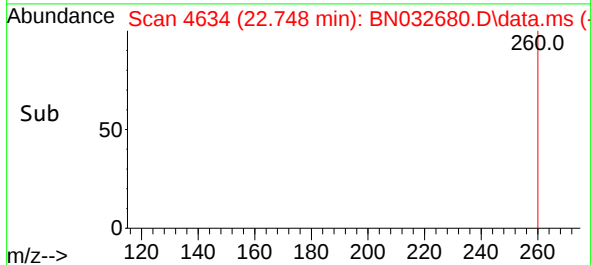
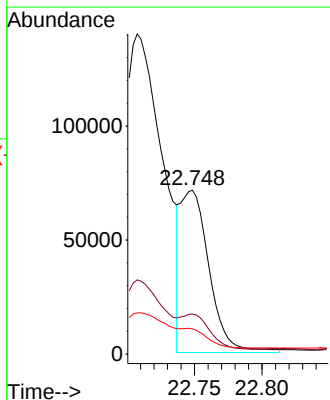
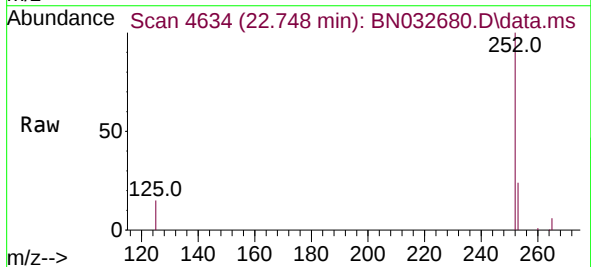
Manual Integrations
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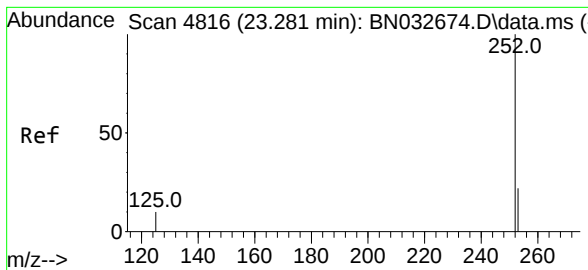
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#25
Benzo(k)fluoranthene
Concen: 1.610 ng/ul m
RT: 22.748 min Scan# 4634
Delta R.T. -0.029 min
Lab File: BN032680.D
Acq: 12 Jul 2024 19:48

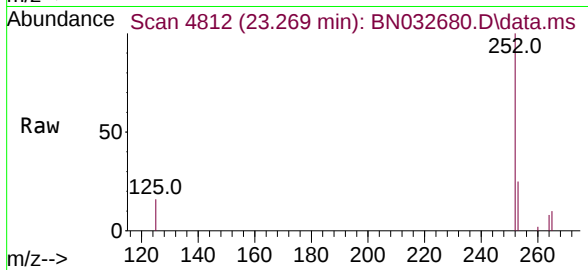
Tgt Ion:252 Resp: 105182
Ion Ratio Lower Upper
252 100
253 24.5 21.2 31.8
125 15.3 14.8 22.2





#26
Benzo(a)pyrene
Concen: 2.247 ng/ul
RT: 23.269 min Scan# 4812
Delta R.T. -0.041 min
Lab File: BN032680.D
Acq: 12 Jul 2024 19:48

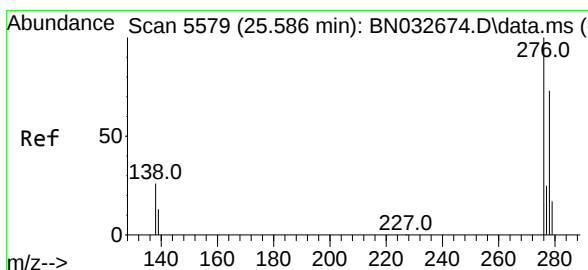
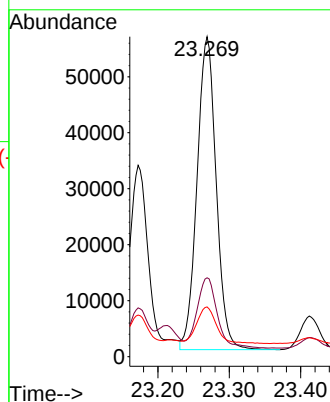
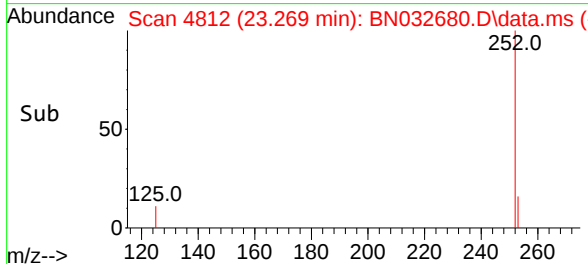
Instrument :
BNA_N
ClientSampleId :
A4BQ8



Tgt Ion:252 Resp: 10427
Ion Ratio Lower Upper
252 100
253 24.6 25.4 38.0
125 15.5 20.6 30.8

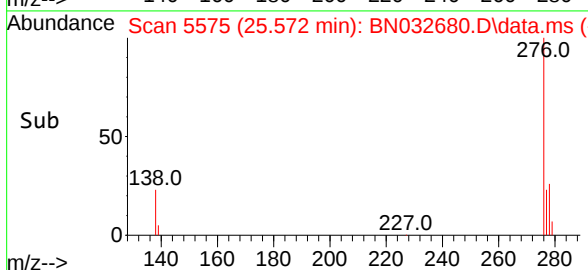
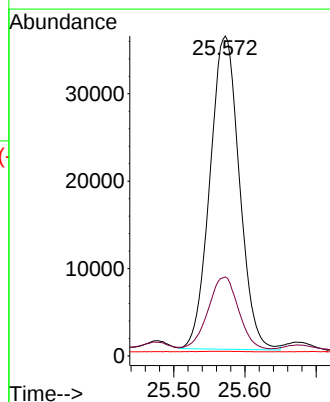
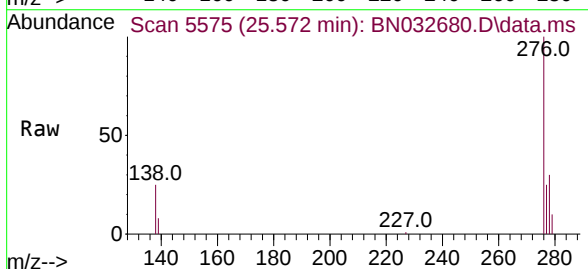
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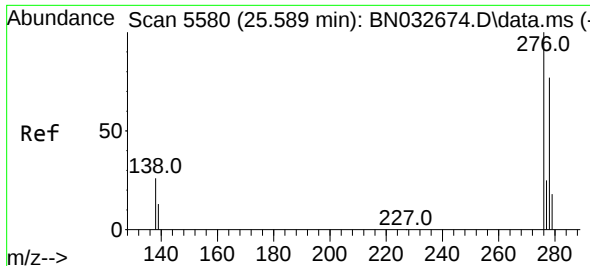
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.640 ng/ul
RT: 25.572 min Scan# 5575
Delta R.T. -0.054 min
Lab File: BN032680.D
Acq: 12 Jul 2024 19:48

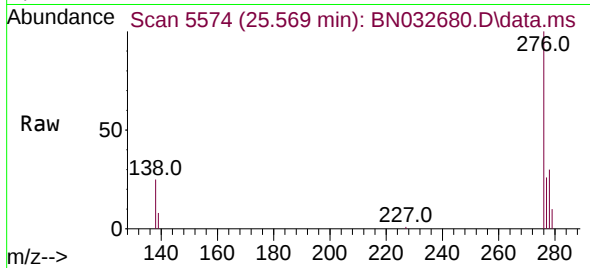
Tgt Ion:276 Resp: 103040
Ion Ratio Lower Upper
276 100
138 23.5 21.6 32.4
227 0.2 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.733 ng/ul
RT: 25.569 min Scan# 5574
Delta R.T. -0.070 min
Lab File: BN032680.D
Acq: 12 Jul 2024 19:48

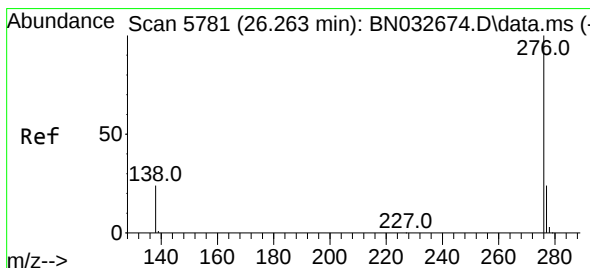
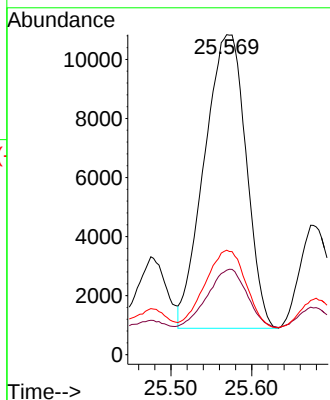
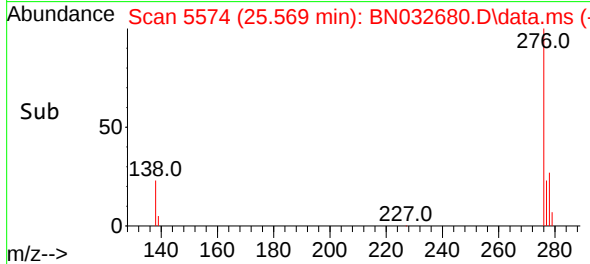
Instrument :
BNA_N
ClientSampleId :
A4BQ8



Tgt Ion:278 Resp: 35710
Ion Ratio Lower Upper
278 100
139 26.4 16.6 24.8#
279 32.7 23.7 35.5

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Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#29
Benzo(g,h,i)perylene
Concen: 0.272 ng/ul
RT: 26.253 min Scan# 5778
Delta R.T. -0.047 min
Lab File: BN032680.D
Acq: 12 Jul 2024 19:48

Tgt Ion:276 Resp: 14279
Ion Ratio Lower Upper
276 100
138 34.4 21.0 31.4#
277 34.6 20.6 31.0#

