

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032678.D
 Acq On : 12 Jul 2024 18:36
 Operator : MA/JU
 Sample : P3087-23
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CZ5

Manual Integrations
 APPROVED

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

Quant Time: Jul 13 00:03:07 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	4227	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.321	136	12239	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.202	164	6445	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.961	188	12231m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.170	240	10738m	0.400	ng/ul	-0.02
23) Perylene-d12	23.368	264	11809m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	16187	3.189	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.927	152	3960	0.214	ng/ul	-0.04
18) Fluoranthene-d10	18.999	212	7338	0.210	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.371	128	5549	0.169	ng/ul	97
7) 2-Methylnaphthalene	12.004	142	2697	0.131	ng/ul	95
8) 1-Methylnaphthalene	12.224	142	1765	0.083	ng/ul	100
10) Acenaphthylene	13.920	152	11645	0.447	ng/ul	99
11) Acenaphthene	14.262	153	1966	0.091	ng/ul	97
12) Fluorene	15.257	166	3179	0.129	ng/ul#	97
14) Pentachlorophenol	16.636	266	202m	0.094	ng/ul	
15) Phenanthrene	16.999	178	57816m	1.736	ng/ul	
16) Anthracene	17.092	178	14344m	0.527	ng/ul	
19) Fluoranthene	19.031	202	130946	2.999	ng/ul	98
20) Pyrene	19.394	202	99506	2.202	ng/ul	99
21) Benzo(a)anthracene	21.156	228	73236m	2.143	ng/ul	
22) Chrysene	21.208	228	83131	1.681	ng/ul	97
24) Benzo(b)fluoranthene	22.710	252	118453m	2.843	ng/ul	
25) Benzo(k)fluoranthene	22.748	252	48591m	0.957	ng/ul	
26) Benzo(a)pyrene	23.269	252	44240	1.227	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	25.576	276	54311	1.112	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.579	278	24666	0.652	ng/ul#	65
29) Benzo(g,h,i)perylene	26.256	276	17075	0.418	ng/ul#	86

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

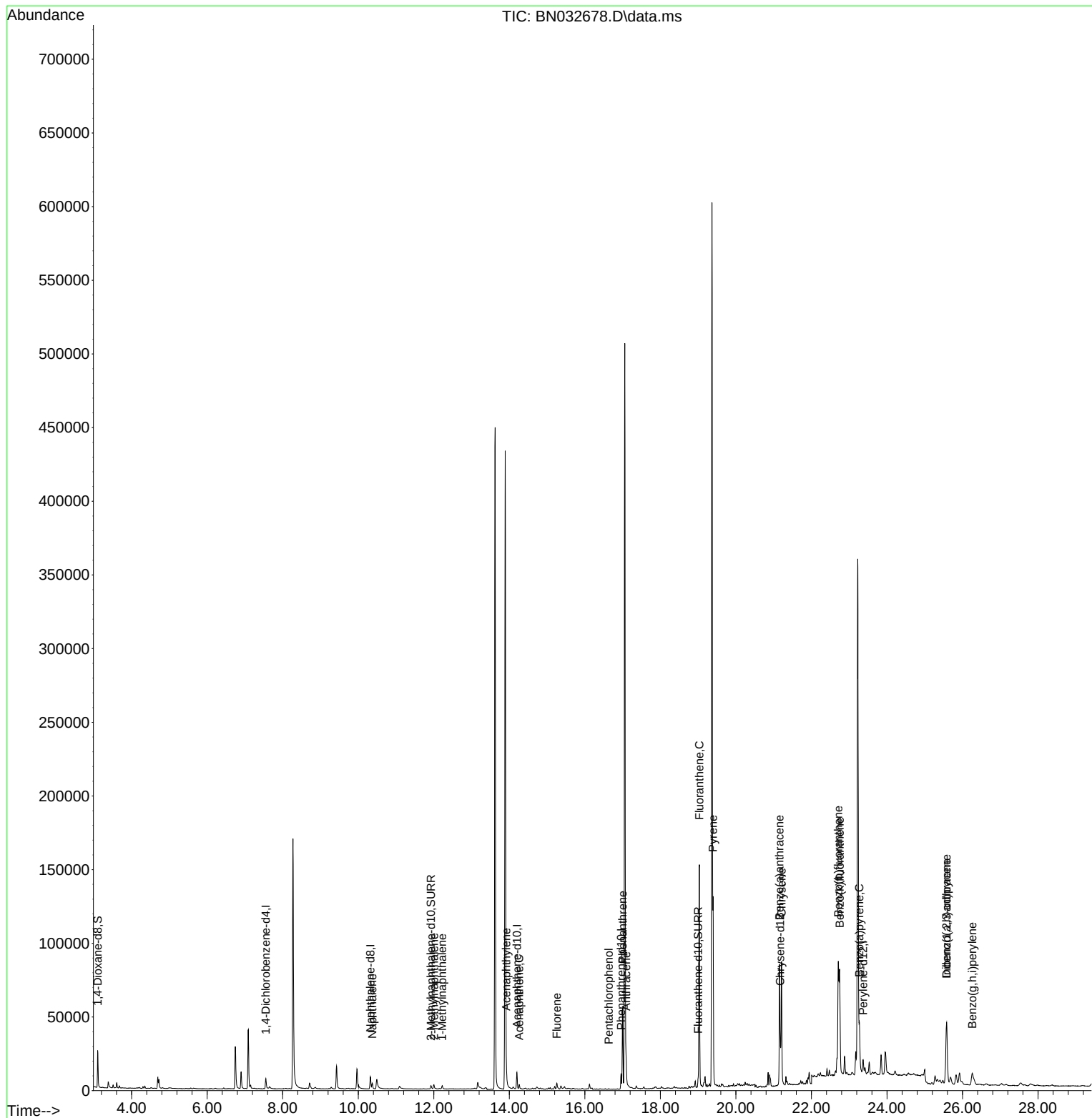
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032678.D
Acq On : 12 Jul 2024 18:36
Operator : MA/JU
Sample : P3087-23
Misc :
ALS Vial : 17 Sample Multiplier: 1

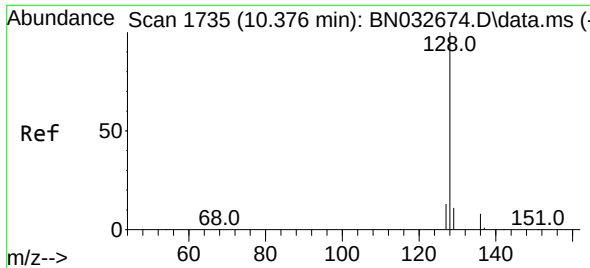
Instrument :
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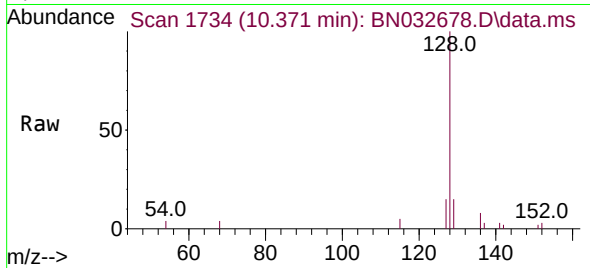
Quant Time: Jul 13 00:03:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.169 ng/ul
RT: 10.371 min Scan# 1734
Delta R.T. -0.039 min
Lab File: BN032678.D
Acq: 12 Jul 2024 18:36

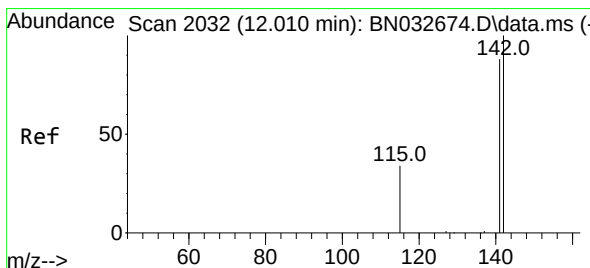
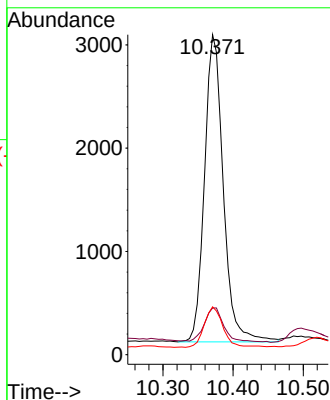
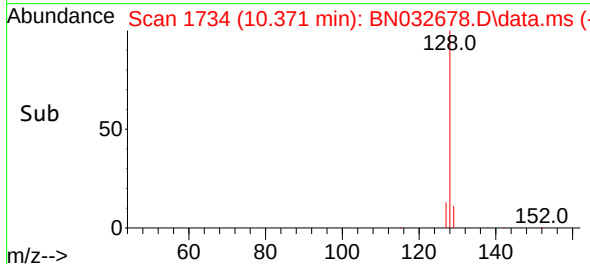
Instrument :
BNA_N
ClientSampleId :
A4CZ5



Tgt Ion:128 Resp: 5549
Ion Ratio Lower Upper
128 100
129 14.6 10.0 15.0
127 14.9 11.6 17.4

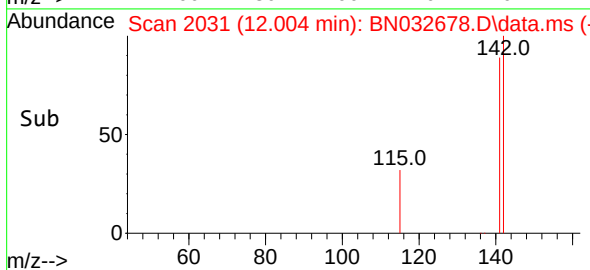
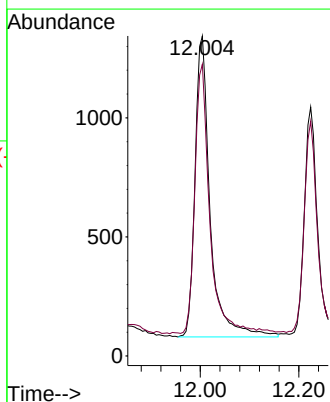
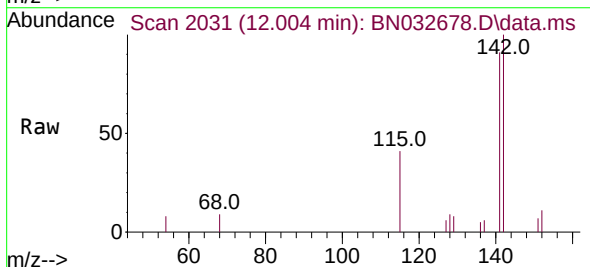
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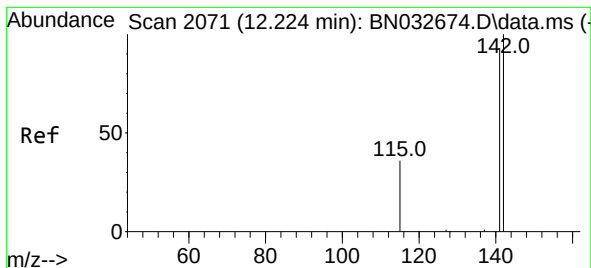
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#7
2-Methylnaphthalene
Concen: 0.131 ng/ul
RT: 12.004 min Scan# 2031
Delta R.T. -0.044 min
Lab File: BN032678.D
Acq: 12 Jul 2024 18:36

Tgt Ion:142 Resp: 2697
Ion Ratio Lower Upper
142 100
141 88.1 74.0 111.0





#8

1-Methylnaphthalene

Concen: 0.083 ng/ul

RT: 12.224 min Scan# 2071

Delta R.T. -0.022 min

Lab File: BN032678.D

Acq: 12 Jul 2024 18:36

Instrument :

BNA_N

ClientSampleId :

A4CZ5

Tgt Ion:142 Resp: 176

Ion Ratio Lower Upper

142 100

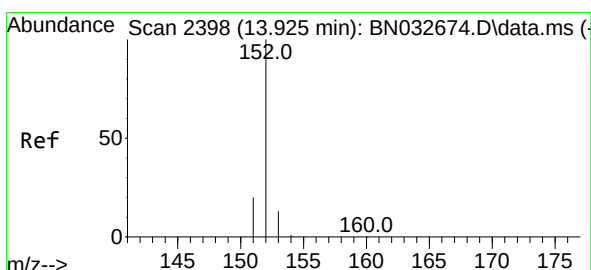
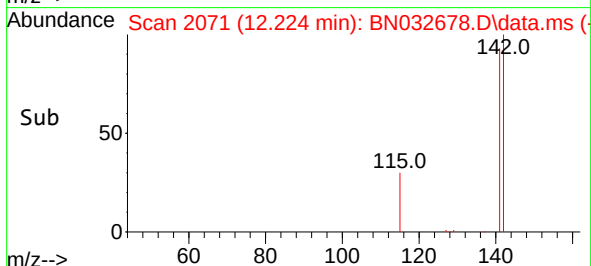
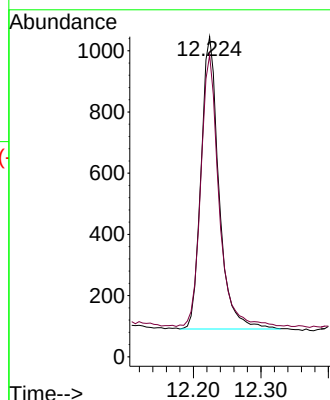
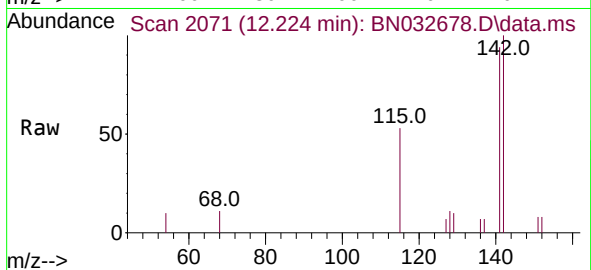
141 93.6 75.0 112.4

Manual Integrations

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#10

Acenaphthylene

Concen: 0.447 ng/ul

RT: 13.920 min Scan# 2397

Delta R.T. -0.023 min

Lab File: BN032678.D

Acq: 12 Jul 2024 18:36

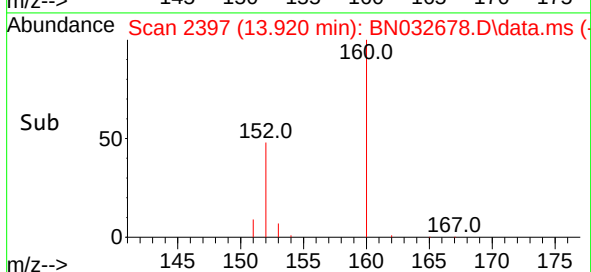
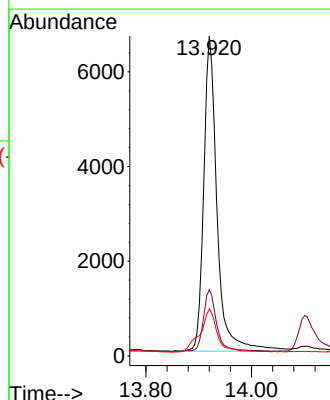
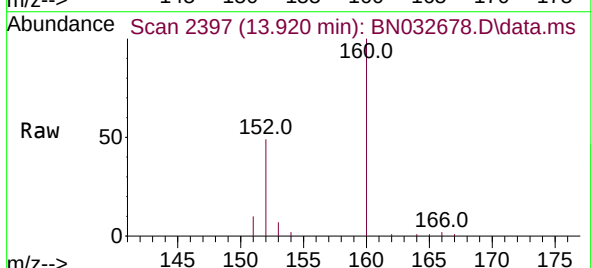
Tgt Ion:152 Resp: 11645

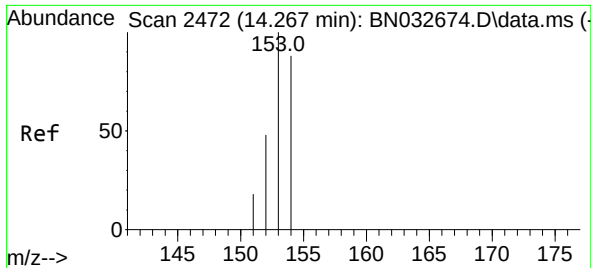
Ion Ratio Lower Upper

152 100

151 20.7 16.3 24.5

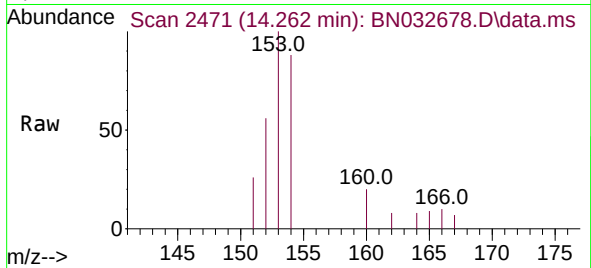
153 14.8 11.3 16.9





#11
Acenaphthene
Concen: 0.091 ng/u1
RT: 14.262 min Scan# 2471
Delta R.T. -0.019 min
Lab File: BN032678.D
Acq: 12 Jul 2024 18:36

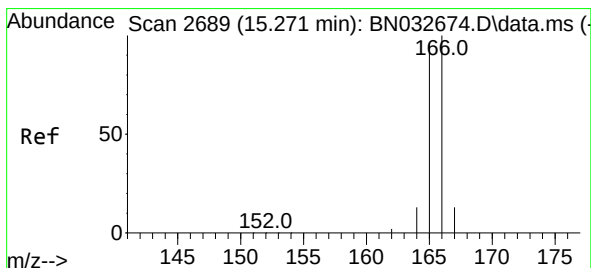
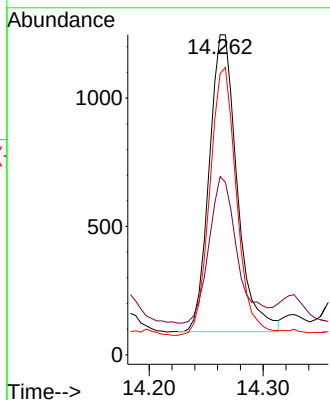
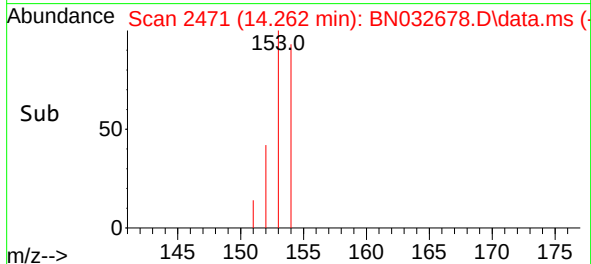
Instrument :
BNA_N
ClientSampleId :
A4CZ5



Tgt Ion:153 Resp: 1960
Ion Ratio Lower Upper
153 100
152 55.7 40.0 60.0
154 87.8 70.2 105.4

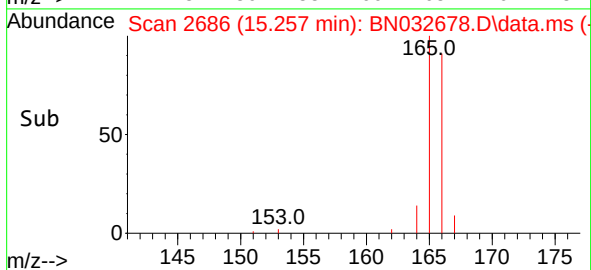
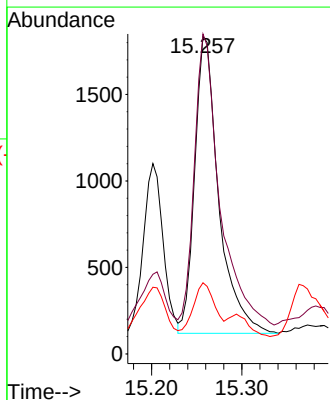
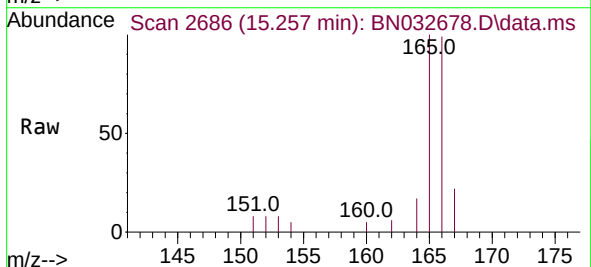
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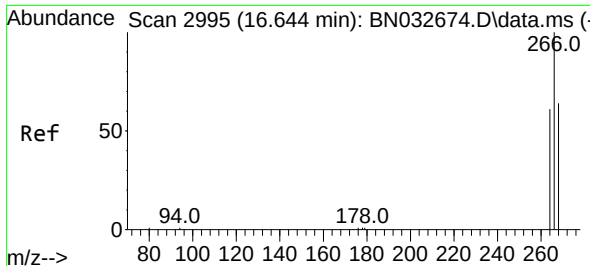
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#12
Fluorene
Concen: 0.129 ng/u1
RT: 15.257 min Scan# 2686
Delta R.T. -0.032 min
Lab File: BN032678.D
Acq: 12 Jul 2024 18:36

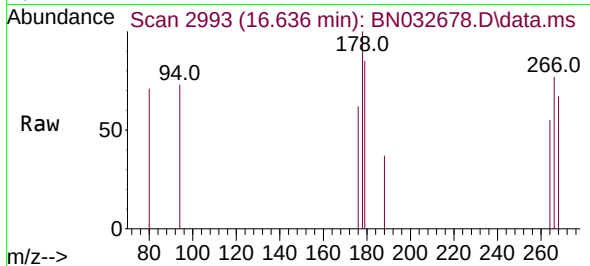
Tgt Ion:166 Resp: 3179
Ion Ratio Lower Upper
166 100
165 100.7 79.7 119.5
167 22.4 11.4 17.2#





#14
Pentachlorophenol
Concen: 0.094 ng/ul m
RT: 16.636 min Scan# 2993
Delta R.T. -0.034 min
Lab File: BN032678.D
Acq: 12 Jul 2024 18:36

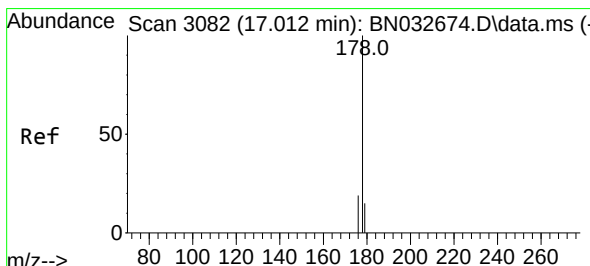
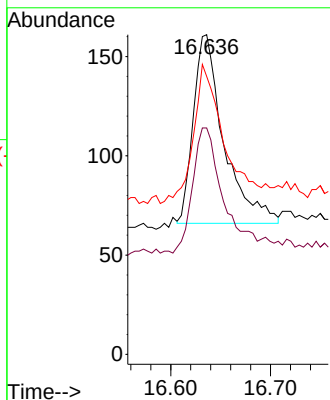
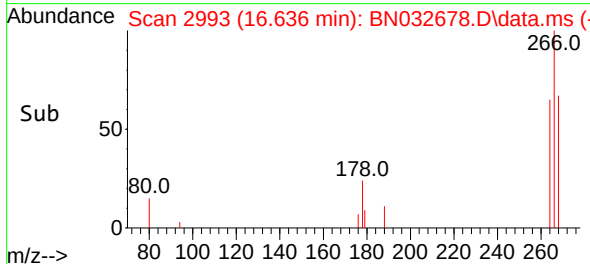
Instrument :
BNA_N
ClientSampleId :
A4CZ5



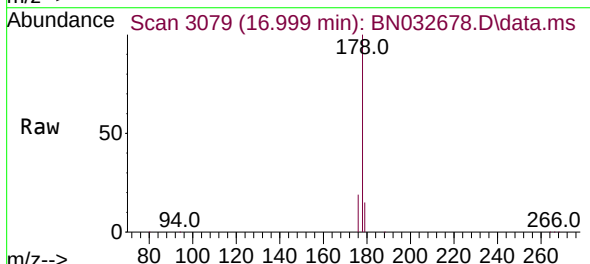
Tgt Ion:266 Resp: 202
Ion Ratio Lower Upper
266 100
264 0.0 49.4 74.2
268 2.0 51.6 77.4

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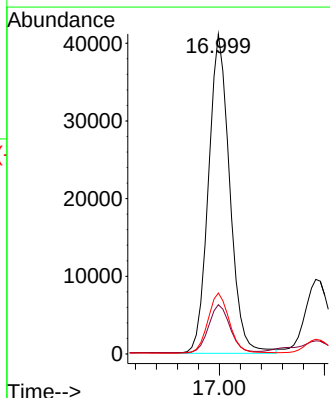
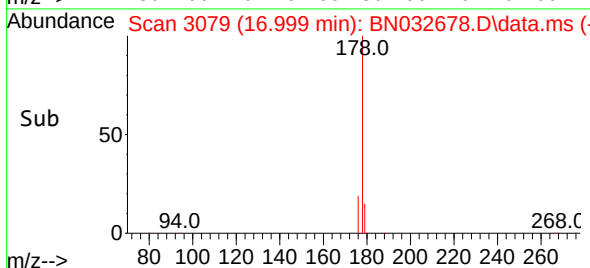
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024

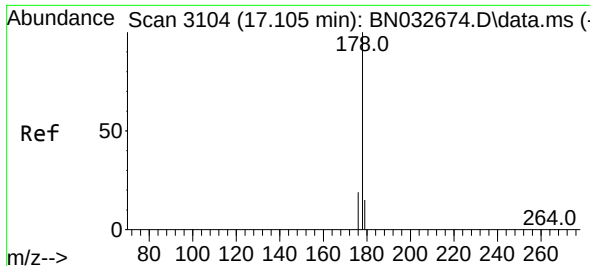


#15
Phenanthrene
Concen: 1.736 ng/ul m
RT: 16.999 min Scan# 3079
Delta R.T. -0.030 min
Lab File: BN032678.D
Acq: 12 Jul 2024 18:36



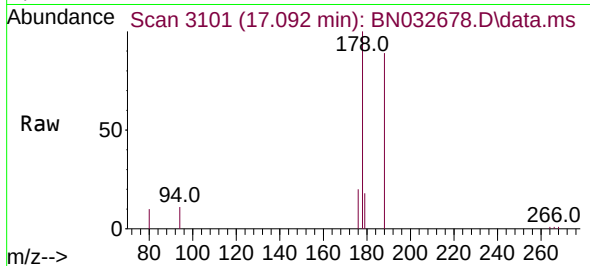
Tgt Ion:178 Resp: 57816
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.4
176 19.1 15.6 23.4





#16
 Anthracene
 Concen: 0.527 ng/ul m
 RT: 17.092 min Scan# 3101
 Delta R.T. -0.047 min
 Lab File: BN032678.D
 Acq: 12 Jul 2024 18:36

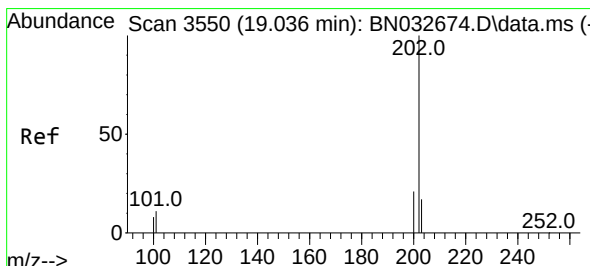
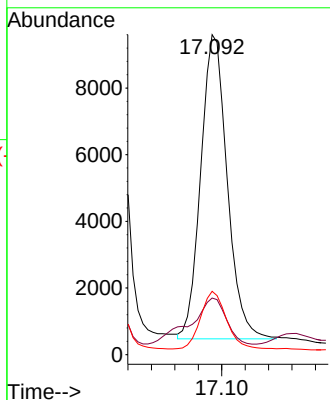
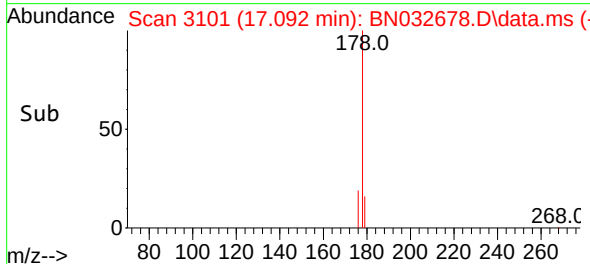
Instrument :
 BNA_N
 ClientSampleId :
 A4CZ5



Tgt Ion:178 Resp: 14344
 Ion Ratio Lower Upper
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 179 17.7 13.4 20.2
 176 19.8 15.4 23.0

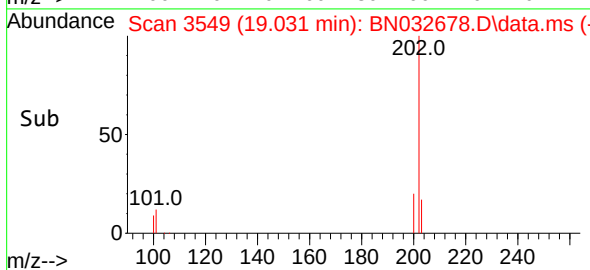
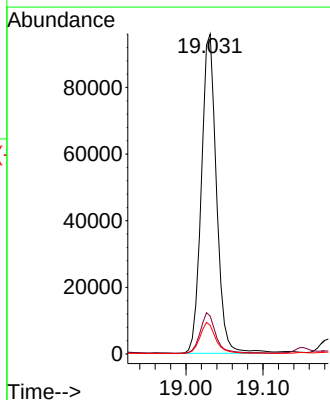
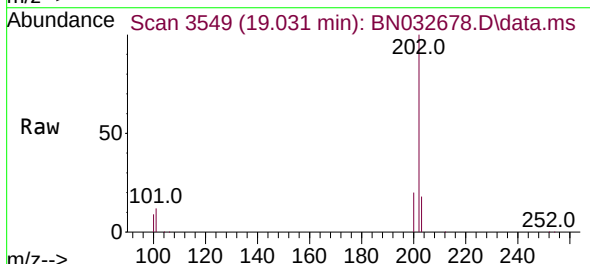
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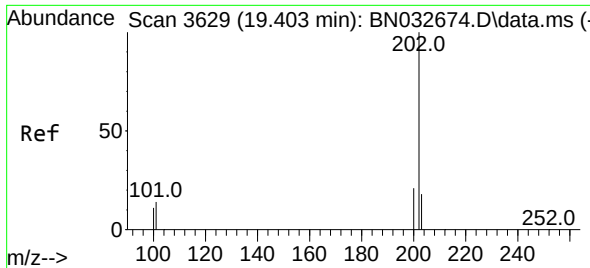
Reviewed By :Yogesh Patel 07/13/2024
 Supervised By :mohammad ahmed 07/16/2024



#19
 Fluoranthene
 Concen: 2.999 ng/ul
 RT: 19.031 min Scan# 3549
 Delta R.T. -0.023 min
 Lab File: BN032678.D
 Acq: 12 Jul 2024 18:36

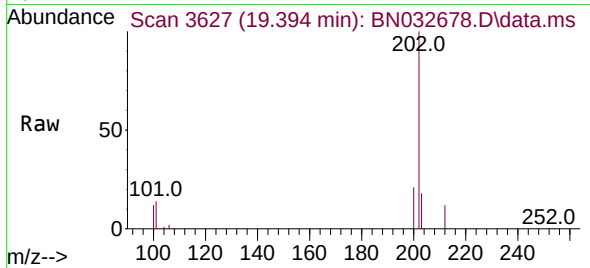
Tgt Ion:202 Resp: 130946
 Ion Ratio Lower Upper
 202 100
 101 11.8 9.8 14.8
 100 8.9 7.9 11.9





#20
Pyrene
Concen: 2.202 ng/u1
RT: 19.394 min Scan# 30
Delta R.T. -0.028 min
Lab File: BN032678.D
Acq: 12 Jul 2024 18:36

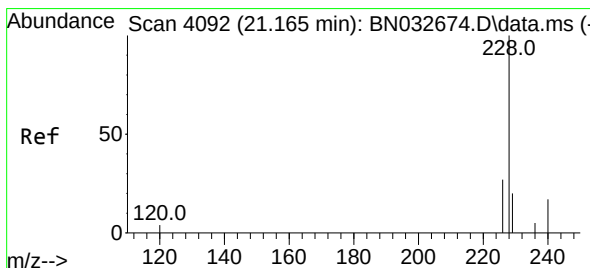
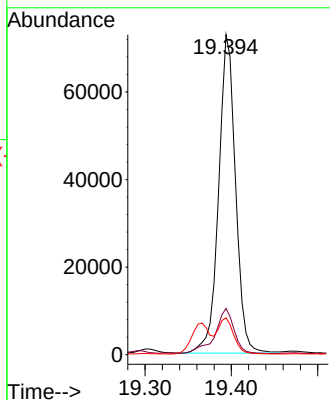
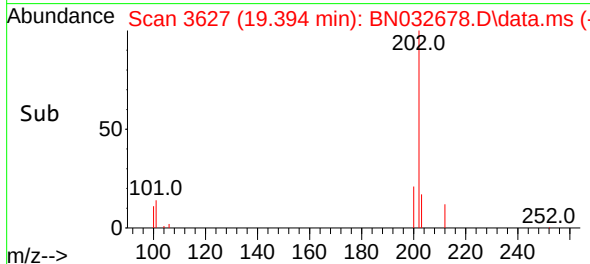
Instrument :
BNA_N
ClientSampleId :
A4CZ5



Tgt Ion:202 Resp: 99500
Ion Ratio Lower Upper
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101 14.4 11.8 17.6
100 11.5 9.6 14.4

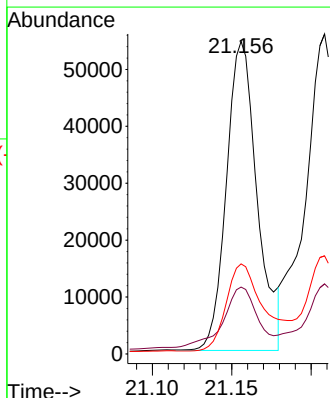
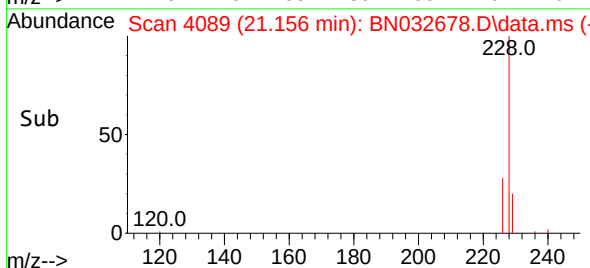
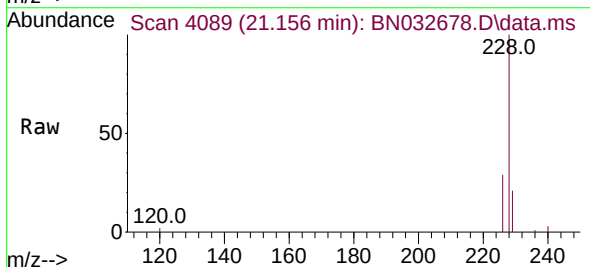
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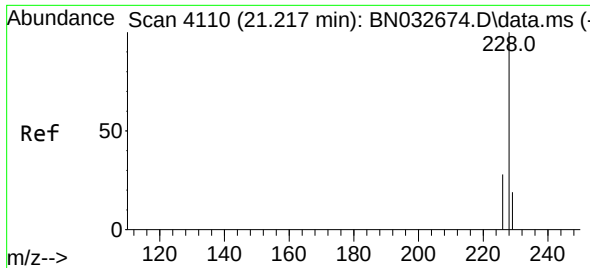
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#21
Benzo(a)anthracene
Concen: 2.143 ng/u1 m
RT: 21.156 min Scan# 4089
Delta R.T. -0.026 min
Lab File: BN032678.D
Acq: 12 Jul 2024 18:36

Tgt Ion:228 Resp: 73236
Ion Ratio Lower Upper
228 100
229 21.4 16.1 24.1
226 28.8 21.9 32.9





#22

Chrysene

Concen: 1.681 ng/ul

RT: 21.208 min Scan# 4110

Delta R.T. -0.023 min

Lab File: BN032678.D

Acq: 12 Jul 2024 18:36

Instrument :

BNA_N

ClientSampleId :

A4CZ5

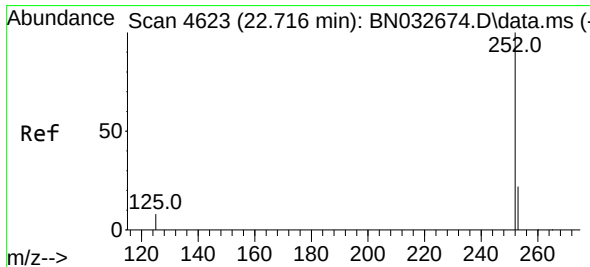
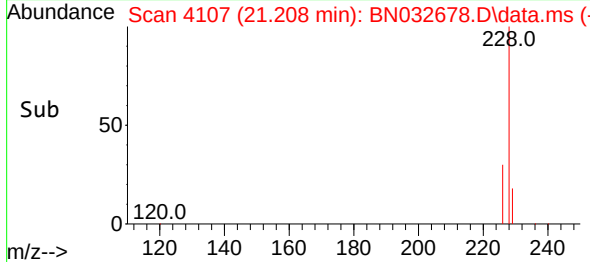
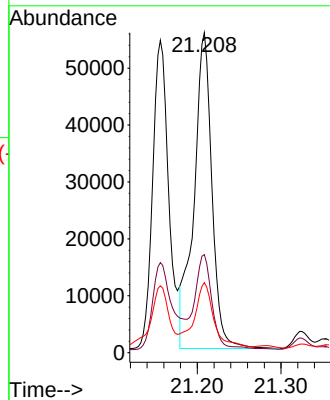
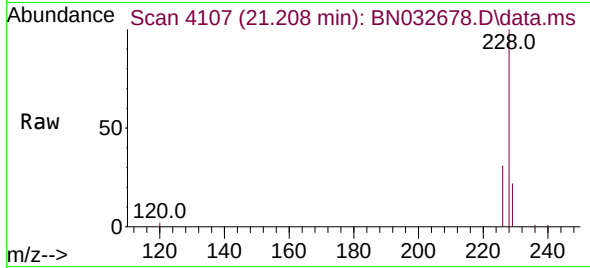
Tgt Ion:228	Resp: 8313
Ion Ratio	Lower Upper
228 100	
226 30.7	24.0 36.0
229 21.9	15.8 23.6

Manual Integrations

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Reviewed By :Yogesh Patel 07/13/2024

Supervised By :mohammad ahmed 07/16/2024



#24

Benzo(b)fluoranthene

Concen: 2.843 ng/ul m

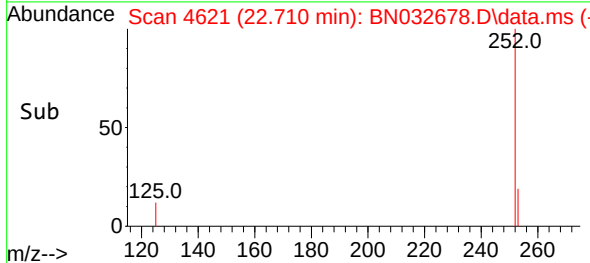
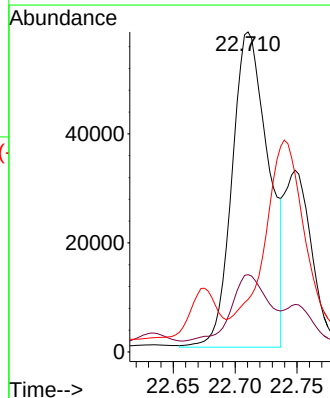
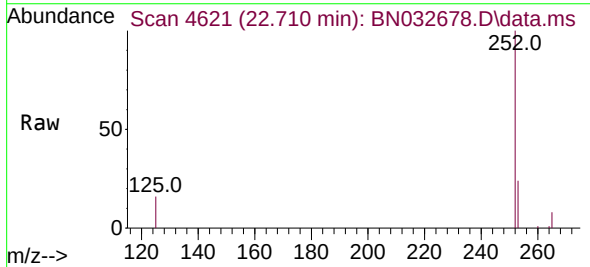
RT: 22.710 min Scan# 4621

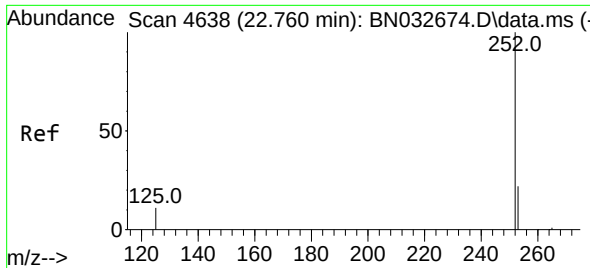
Delta R.T. -0.023 min

Lab File: BN032678.D

Acq: 12 Jul 2024 18:36

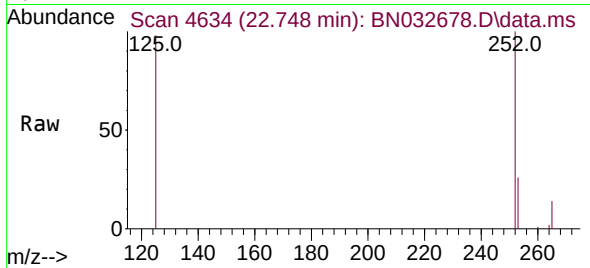
Tgt Ion:252	Resp: 118453
Ion Ratio	Lower Upper
252 100	
253 24.1	0.0 54.0
125 16.4	0.0 36.0





#25
Benzo(k)fluoranthene
Concen: 0.957 ng/ul m
RT: 22.748 min Scan# 4634
Delta R.T. -0.029 min
Lab File: BN032678.D
Acq: 12 Jul 2024 18:36

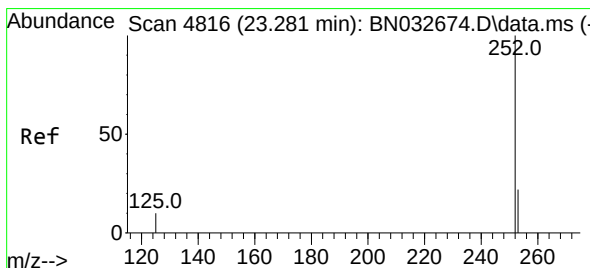
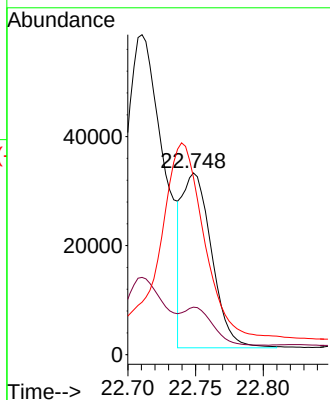
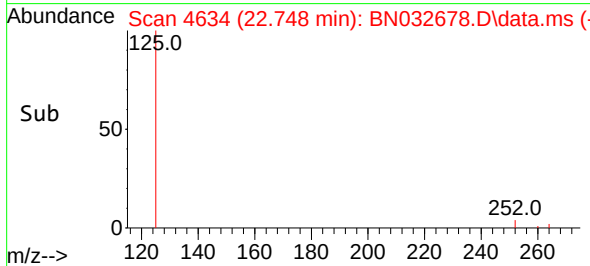
Instrument :
BNA_N
ClientSampleId :
A4CZ5



Tgt Ion:252 Resp: 4859
Ion Ratio Lower Upper
252 100
253 26.2 21.2 31.8
125 97.7 14.8 22.2

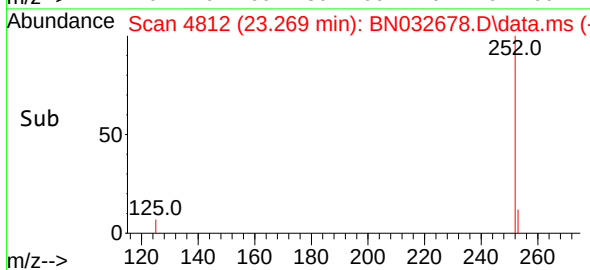
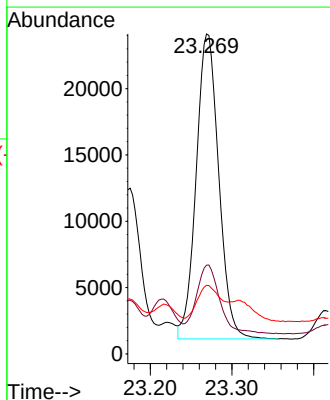
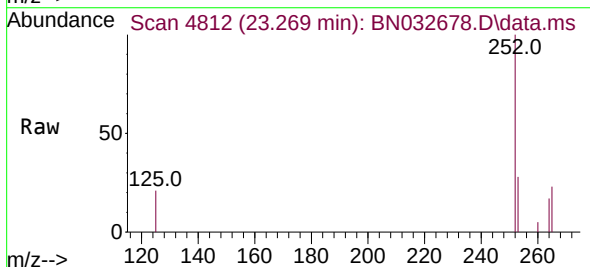
Manual Integrations
APPROVED

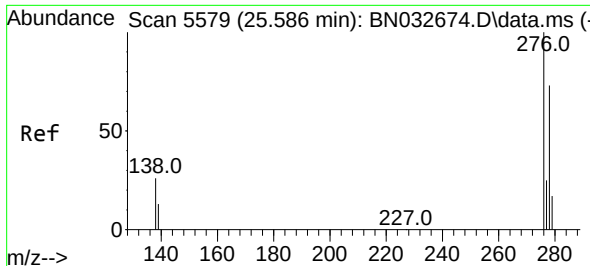
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#26
Benzo(a)pyrene
Concen: 1.227 ng/ul
RT: 23.269 min Scan# 4812
Delta R.T. -0.041 min
Lab File: BN032678.D
Acq: 12 Jul 2024 18:36

Tgt Ion:252 Resp: 44240
Ion Ratio Lower Upper
252 100
253 27.8 25.4 38.0
125 21.5 20.6 30.8





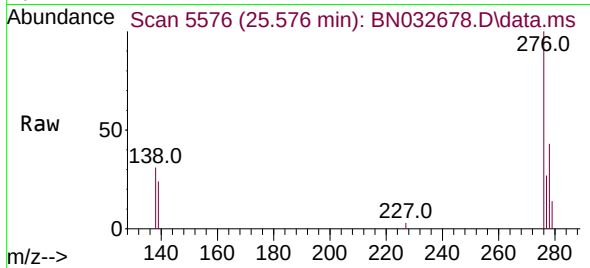
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.112 ng/ul
 RT: 25.576 min Scan# 5576
 Delta R.T. -0.050 min
 Lab File: BN032678.D
 Acq: 12 Jul 2024 18:36

Instrument :

BNA_N

ClientSampleId :

A4CZ5



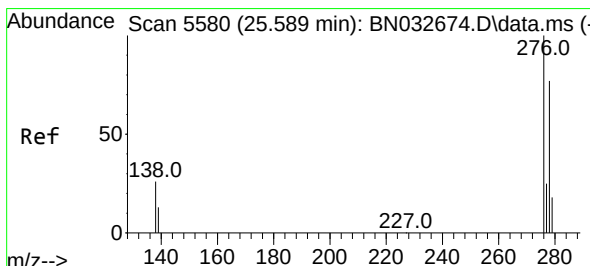
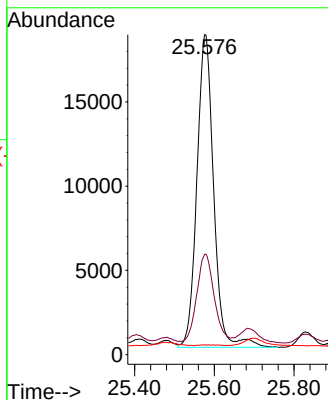
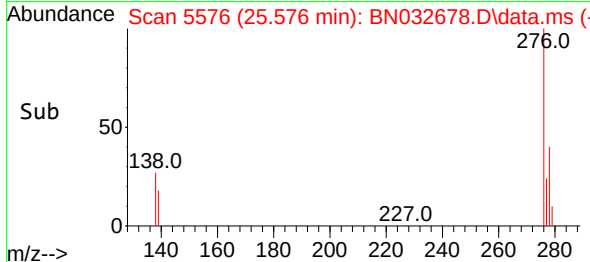
Tgt Ion:276 Resp: 5431
 Ion Ratio Lower Upper
 276 100
 138 29.3 21.6 32.4
 227 0.0 0.0 0.0

Manual Integrations

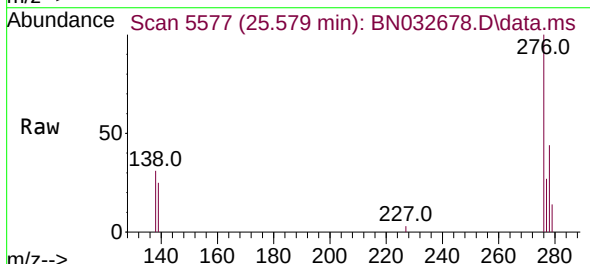
APPROVED

Reviewed By :Yogesh Patel 07/13/2024

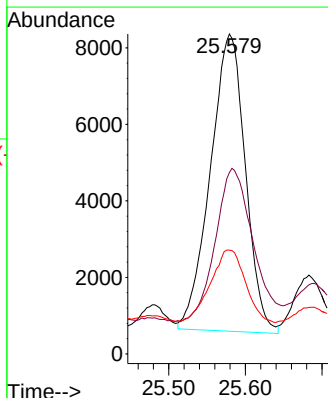
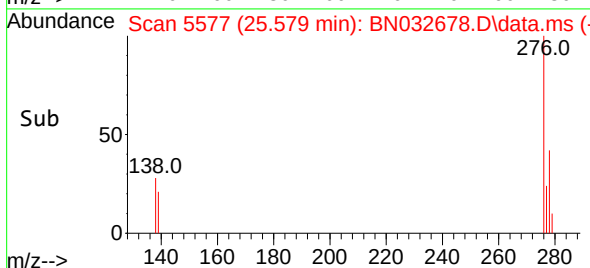
Supervised By :mohammad ahmed 07/16/2024

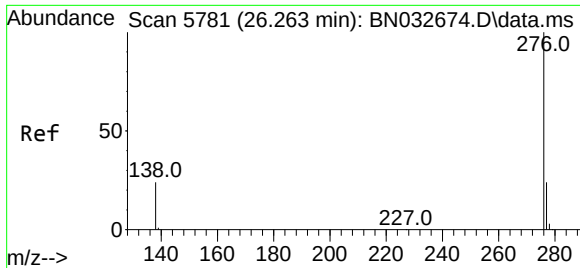


#28
 Dibenzo(a,h)anthracene
 Concen: 0.652 ng/ul
 RT: 25.579 min Scan# 5577
 Delta R.T. -0.060 min
 Lab File: BN032678.D
 Acq: 12 Jul 2024 18:36



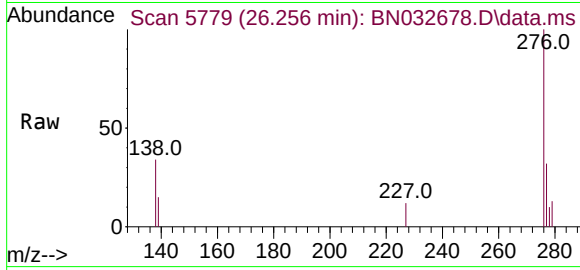
Tgt Ion:278 Resp: 24666
 Ion Ratio Lower Upper
 278 100
 139 56.7 16.6 24.8#
 279 32.5 23.7 35.5





#29
 Benzo(g,h,i)perylene
 Concen: 0.418 ng/ul
 RT: 26.256 min Scan# 51
 Delta R.T. -0.044 min
 Lab File: BN032678.D
 Acq: 12 Jul 2024 18:36

Instrument :
 BNA_N
 ClientSampleId :
 A4CZ5



Tgt Ion: 276 Resp: 17075

Ion	Ratio	Lower	Upper
276	100		
138	34.0	21.0	31.4
277	31.8	20.6	31.0

Manual Integrations
 APPROVED

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

