

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032669.D
 Acq On : 12 Jul 2024 12:34
 Operator : MA/JU
 Sample : P3088-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BR7

Manual Integrations
 APPROVED

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

Quant Time: Jul 12 13:02:09 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	5536	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.321	136	16790	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.202	164	9114	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.957	188	17334m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.168	240	13279m	0.400	ng/ul	-0.03
23) Perylene-d12	23.365	264	16247m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	27779	4.179	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.922	152	6911	0.272	ng/ul	-0.05
18) Fluoranthene-d10	18.999	212	13000m	0.300	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.371	128	22290	0.494	ng/ul	98
7) 2-Methylnaphthalene	11.999	142	7523	0.267	ng/ul	97
8) 1-Methylnaphthalene	12.219	142	5876	0.202	ng/ul	99
10) Acenaphthylene	13.920	152	41950	1.139	ng/ul	99
11) Acenaphthene	14.262	153	25978	0.853	ng/ul	99
12) Fluorene	15.257	166	28784	0.827	ng/ul	99
14) Pentachlorophenol	16.632	266	214m	0.070	ng/ul	
15) Phenanthrene	16.999	178	618087m	13.093	ng/ul	
16) Anthracene	17.092	178	125340m	3.250	ng/ul	
19) Fluoranthene	19.027	202	1305404m	24.179	ng/ul	
20) Pyrene	19.394	202	1015006m	18.163	ng/ul	
21) Benzo(a)anthracene	21.153	228	603499m	14.278	ng/ul	
22) Chrysene	21.206	228	684549m	11.195	ng/ul	
24) Benzo(b)fluoranthene	22.708	252	964753m	16.829	ng/ul	
25) Benzo(k)fluoranthene	22.749	252	348616m	4.990	ng/ul	
26) Benzo(a)pyrene	23.269	252	443086m	8.932	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.572	276	411677m	6.129	ng/ul	
28) Dibenzo(a,h)anthracene	25.572	278	125243m	2.405	ng/ul	
29) Benzo(g,h,i)perylene	26.250	276	182176m	3.245	ng/ul	

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

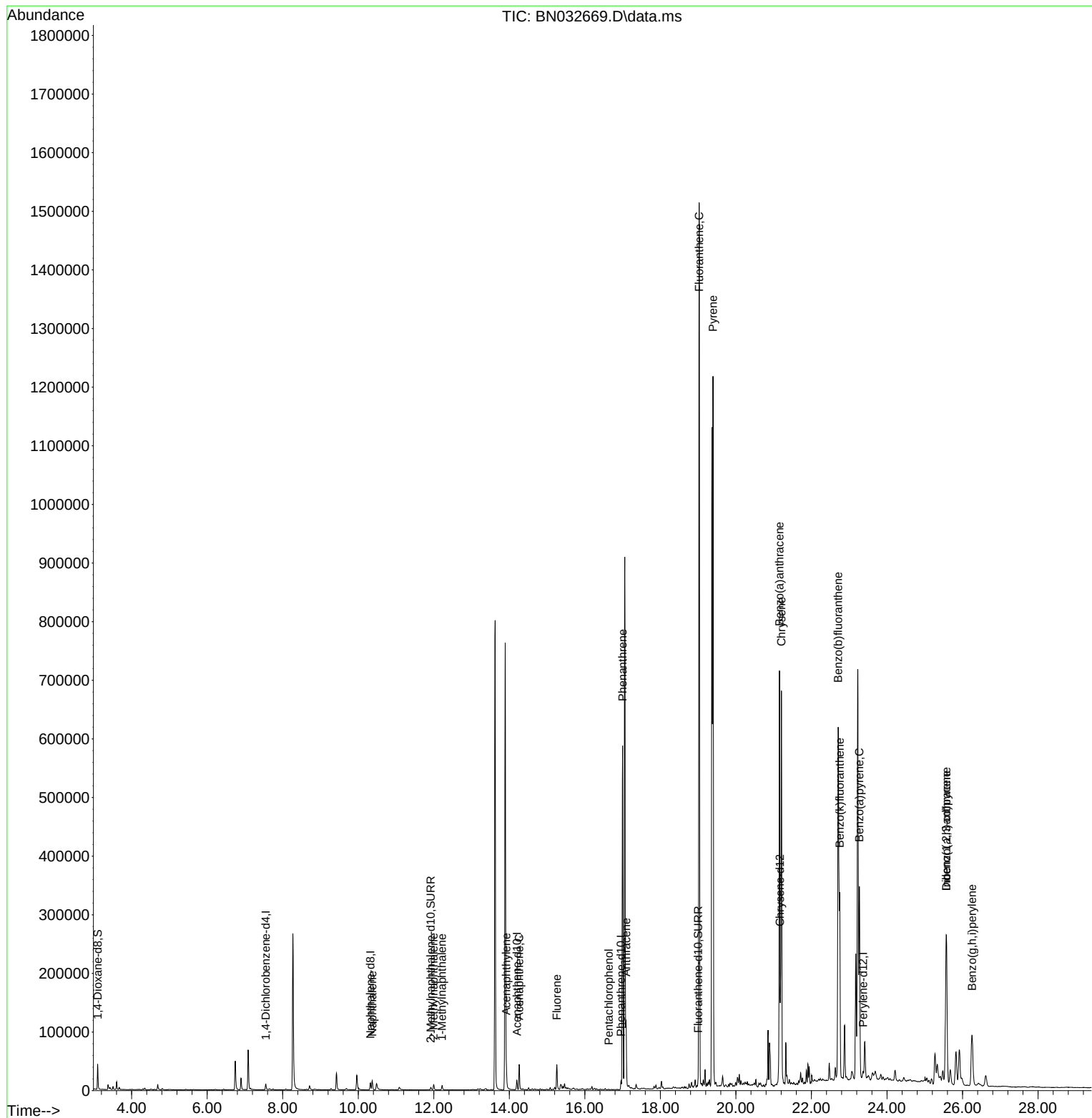
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032669.D
Acq On : 12 Jul 2024 12:34
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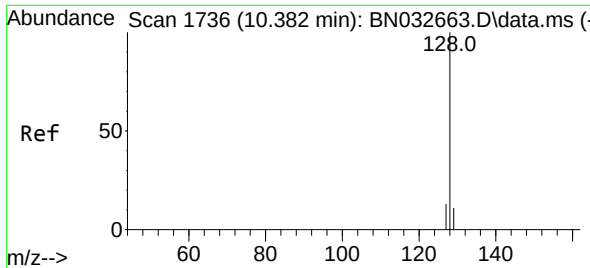
Instrument :
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Quant Time: Jul 12 13:02:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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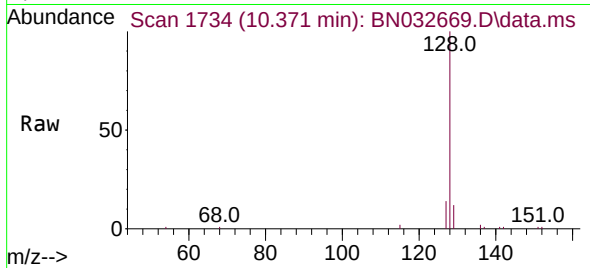
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024





#5
Naphthalene
Concen: 0.494 ng/ul
RT: 10.371 min Scan# 11
Delta R.T. -0.038 min
Lab File: BN032669.D
Acq: 12 Jul 2024 12:34

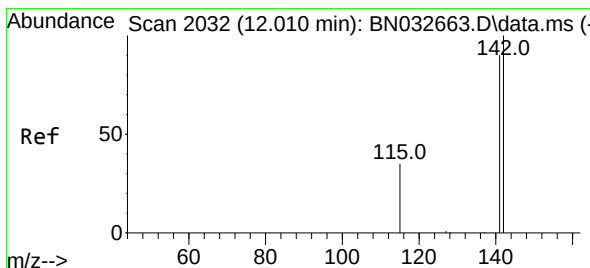
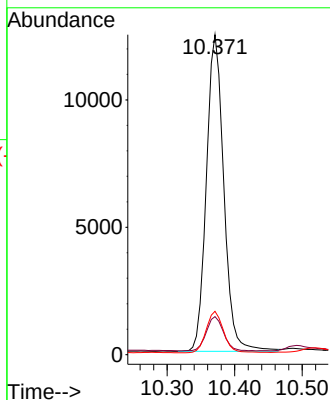
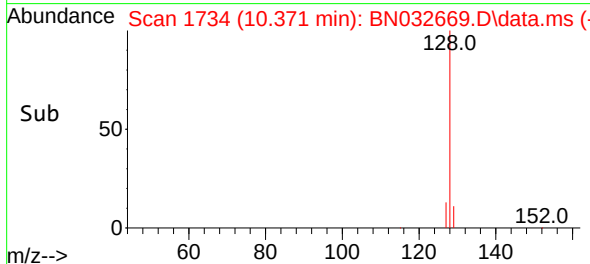
Instrument :
BNA_N
ClientSampleId :
A4BR7



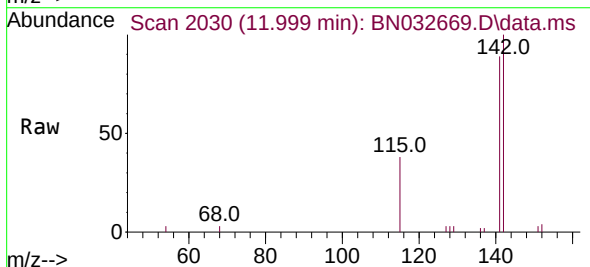
Tgt Ion:128 Resp: 22290
Ion Ratio Lower Upper
128 100
129 11.9 10.0 15.0
127 13.6 11.6 17.4

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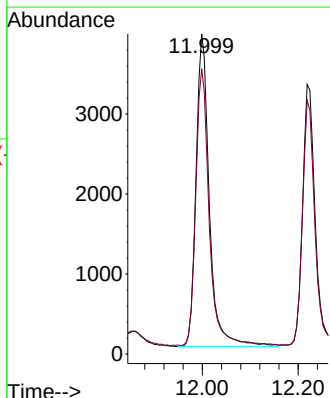
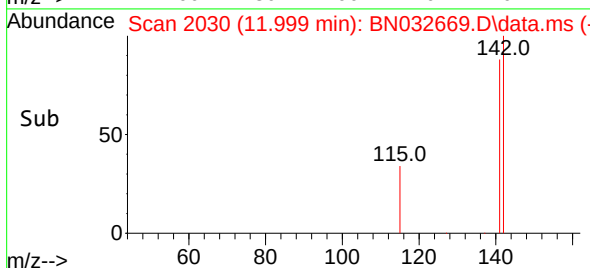
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024

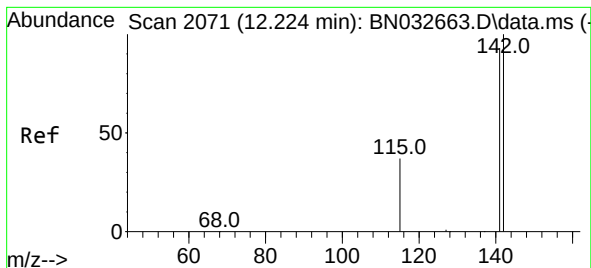


#7
2-Methylnaphthalene
Concen: 0.267 ng/ul
RT: 11.999 min Scan# 2030
Delta R.T. -0.049 min
Lab File: BN032669.D
Acq: 12 Jul 2024 12:34



Tgt Ion:142 Resp: 7523
Ion Ratio Lower Upper
142 100
141 89.4 74.0 111.0





#8

1-Methylnaphthalene

Concen: 0.202 ng/ul

RT: 12.219 min Scan# 2071

Delta R.T. -0.027 min

Lab File: BN032669.D

Acq: 12 Jul 2024 12:34

Instrument :

BNA_N

ClientSampleId :

A4BR7

Tgt Ion:142 Resp: 5870

Ion Ratio Lower Upper

142 100

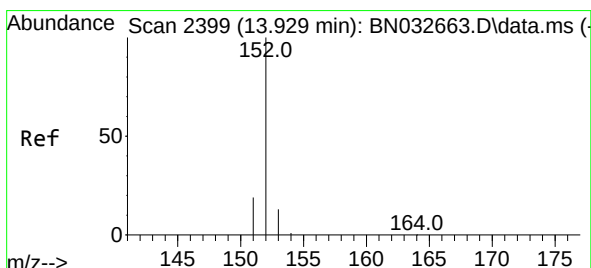
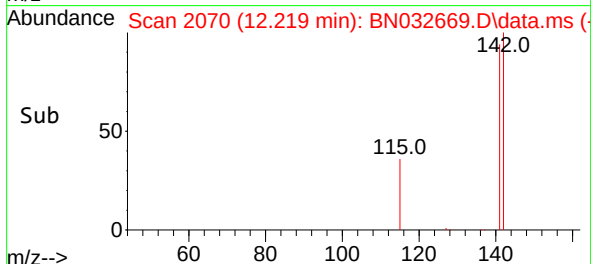
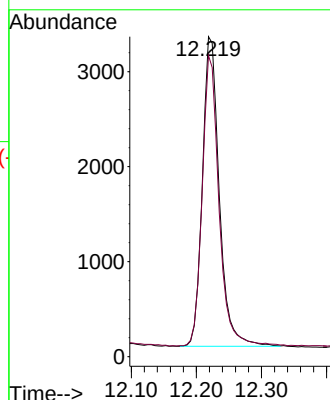
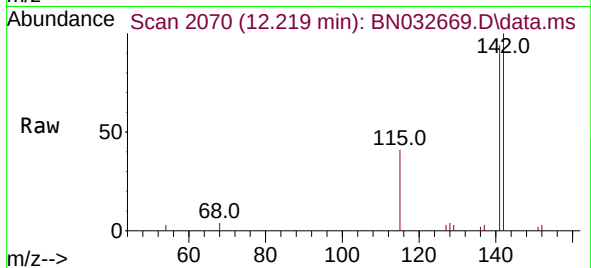
141 93.2 75.0 112.4

Manual Integrations

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Supervised By :mohammad ahmed 07/16/2024



#10

Acenaphthylene

Concen: 1.139 ng/ul

RT: 13.920 min Scan# 2397

Delta R.T. -0.023 min

Lab File: BN032669.D

Acq: 12 Jul 2024 12:34

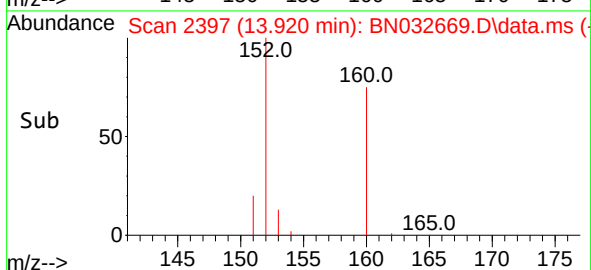
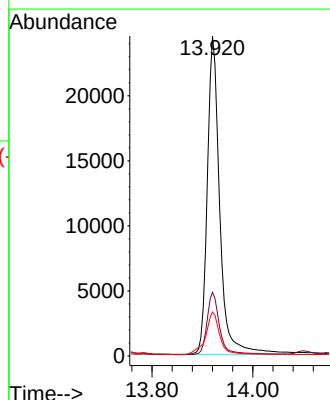
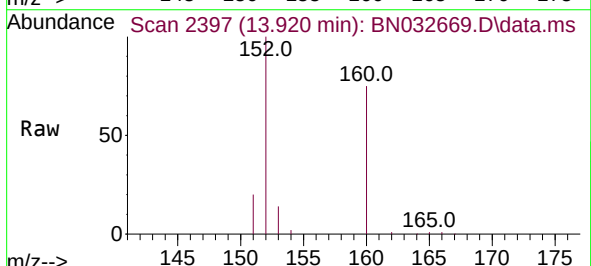
Tgt Ion:152 Resp: 41950

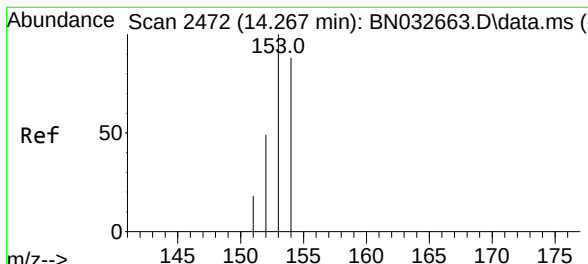
Ion Ratio Lower Upper

152 100

151 19.9 16.3 24.5

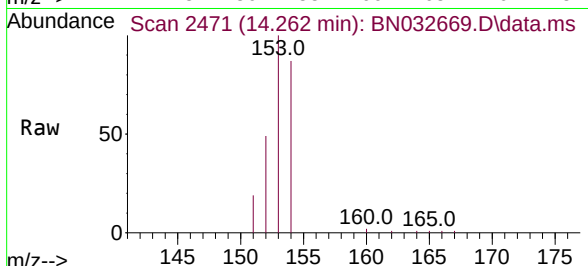
153 13.7 11.3 16.9





#11
Acenaphthene
Concen: 0.853 ng/ul
RT: 14.262 min Scan# 2471
Delta R.T. -0.018 min
Lab File: BN032669.D
Acq: 12 Jul 2024 12:34

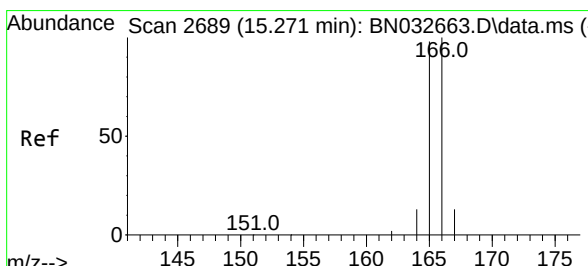
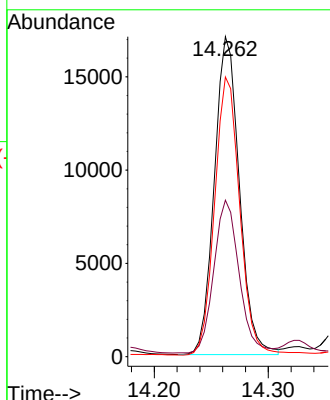
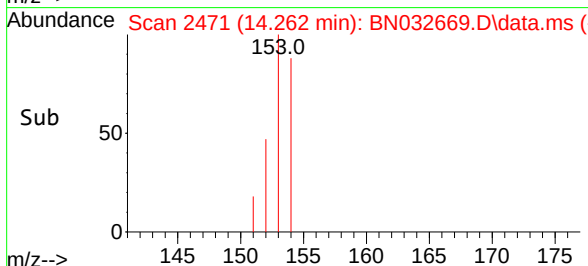
Instrument :
BNA_N
ClientSampleId :
A4BR7



Tgt Ion:153 Resp: 25978
Ion Ratio Lower Upper
153 100
152 48.9 40.0 60.0
154 87.4 70.2 105.4

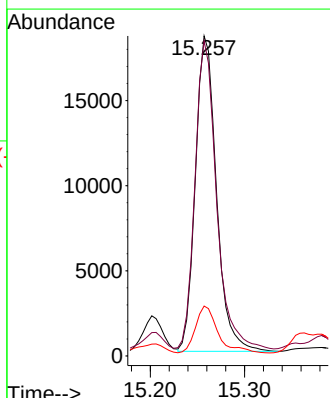
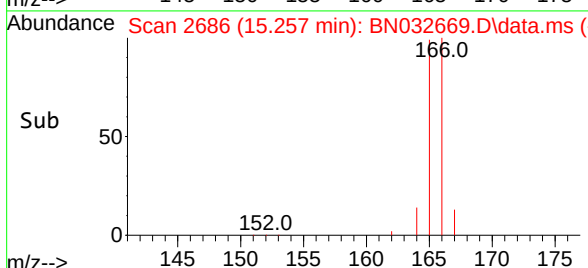
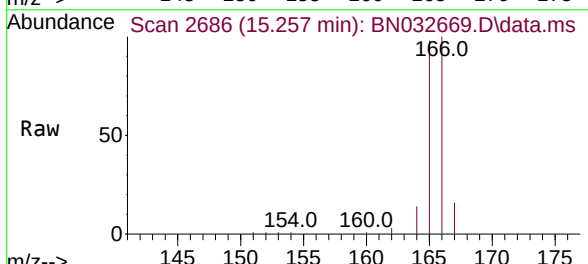
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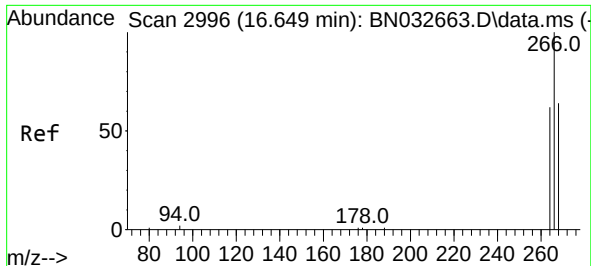
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#12
Fluorene
Concen: 0.827 ng/ul
RT: 15.257 min Scan# 2686
Delta R.T. -0.032 min
Lab File: BN032669.D
Acq: 12 Jul 2024 12:34

Tgt Ion:166 Resp: 28784
Ion Ratio Lower Upper
166 100
165 98.4 79.7 119.5
167 15.6 11.4 17.2





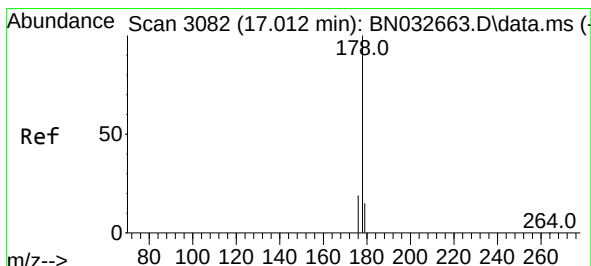
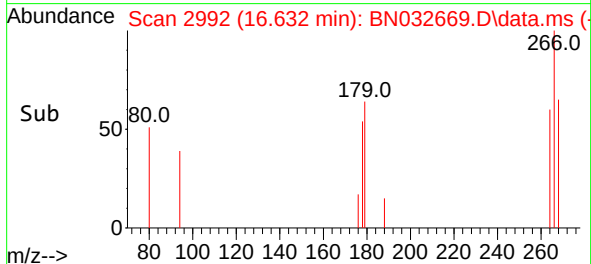
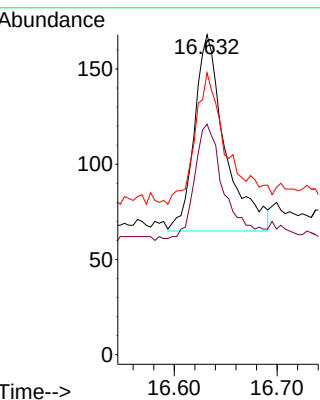
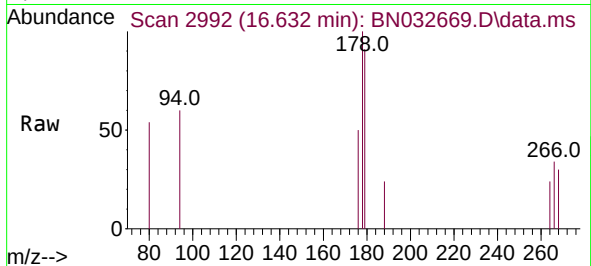
#14
Pentachlorophenol
Concen: 0.070 ng/ul m
RT: 16.632 min Scan# 2996
Delta R.T. -0.038 min
Lab File: BN032669.D
Acq: 12 Jul 2024 12:34

Instrument :
BNA_N
ClientSampleId :
A4BR7

Tgt Ion:	266	Resp:	214
Ion Ratio	Lower	Upper	
266	100		
264	2.3	49.4	74.2
268	2.3	51.6	77.4

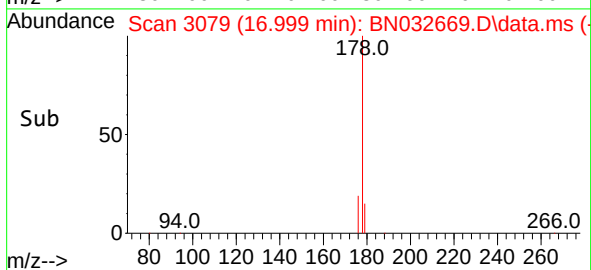
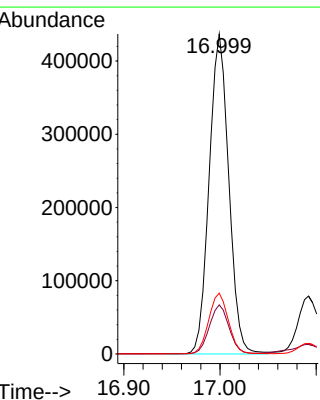
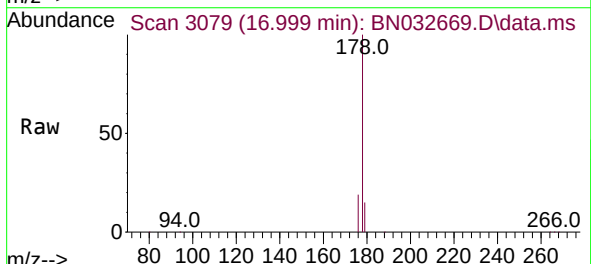
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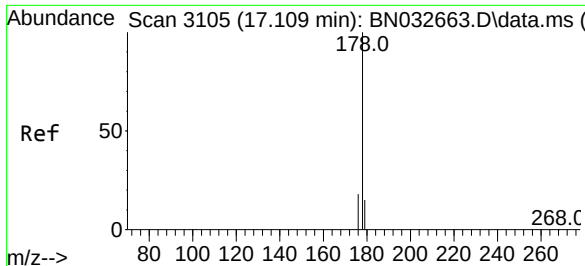
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#15
Phenanthrene
Concen: 13.093 ng/ul m
RT: 16.999 min Scan# 3079
Delta R.T. -0.030 min
Lab File: BN032669.D
Acq: 12 Jul 2024 12:34

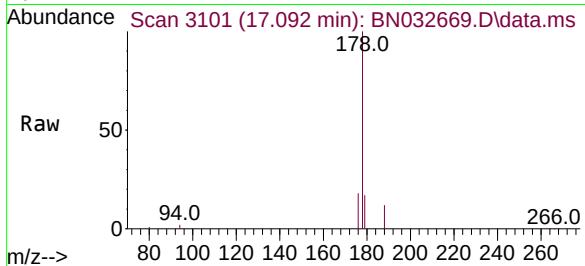
Tgt Ion:	178	Resp:	618087
Ion Ratio	Lower	Upper	
178	100		
179	15.4	13.0	19.4
176	19.0	15.6	23.4





#16
 Anthracene
 Concen: 3.250 ng/ul m
 RT: 17.092 min Scan# 3101
 Delta R.T. -0.046 min
 Lab File: BN032669.D
 Acq: 12 Jul 2024 12:34

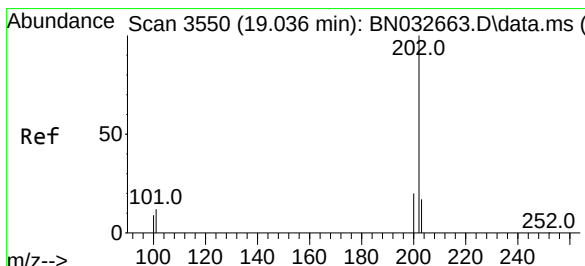
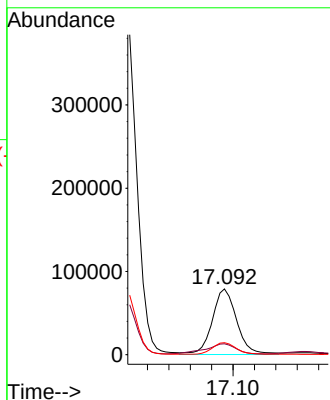
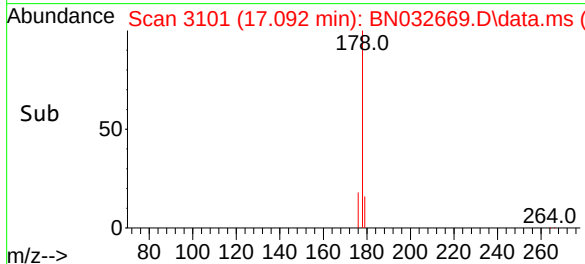
Instrument :
 BNA_N
 ClientSampleId :
 A4BR7



Tgt Ion:178 Resp: 125340
 Ion Ratio Lower Upper
 178 100
 179 16.6 13.4 20.2
 176 18.4 15.4 23.0

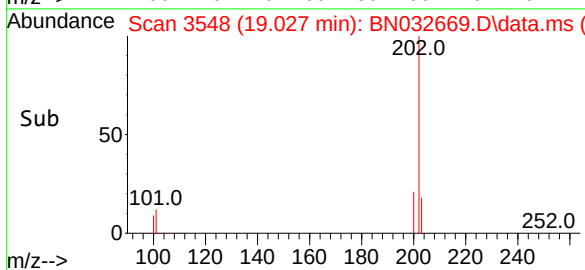
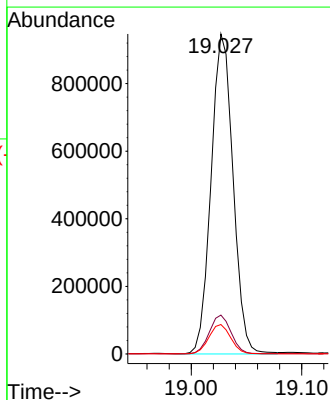
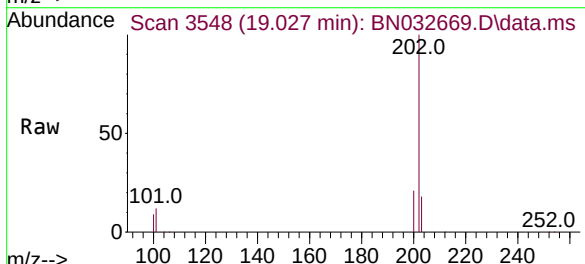
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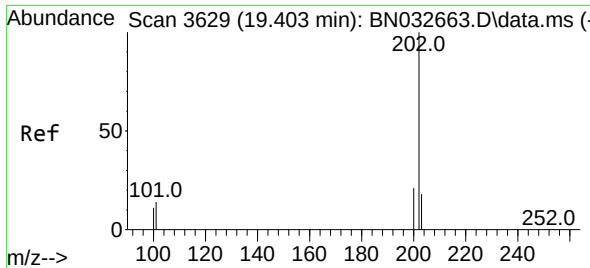
Reviewed By :Yogesh Patel 07/13/2024
 Supervised By :mohammad ahmed 07/16/2024



#19
 Fluoranthene
 Concen: 24.179 ng/ul m
 RT: 19.027 min Scan# 3548
 Delta R.T. -0.028 min
 Lab File: BN032669.D
 Acq: 12 Jul 2024 12:34

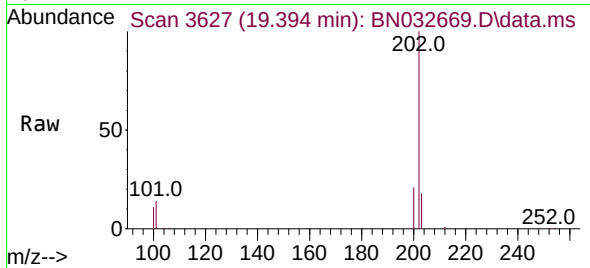
Tgt Ion:202 Resp: 1305404
 Ion Ratio Lower Upper
 202 100
 101 12.2 9.8 14.8
 100 9.2 7.9 11.9





#20
Pyrene
Concen: 18.163 ng/ul m
RT: 19.394 min Scan# 30
Delta R.T. -0.028 min
Lab File: BN032669.D
Acq: 12 Jul 2024 12:34

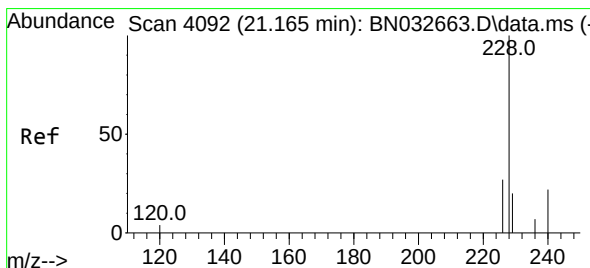
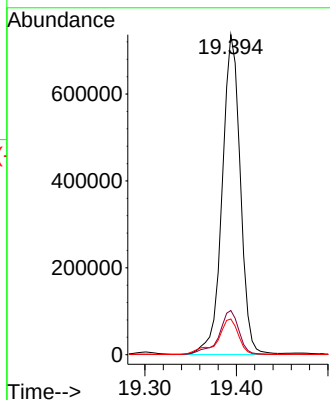
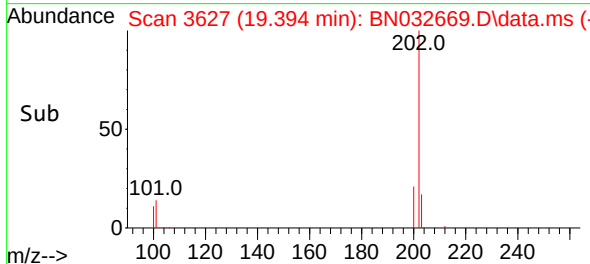
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:202 Resp: 1015000
Ion Ratio Lower Upper
202 100
101 13.8 11.8 17.6
100 11.2 9.6 14.4

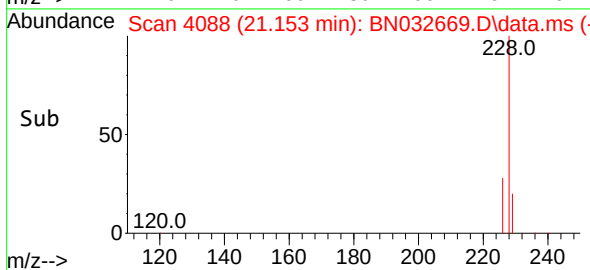
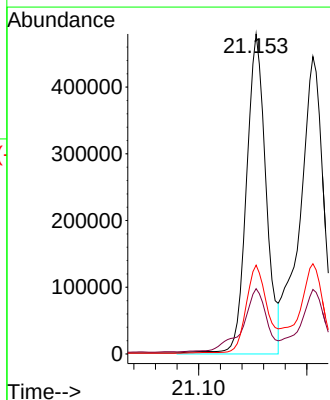
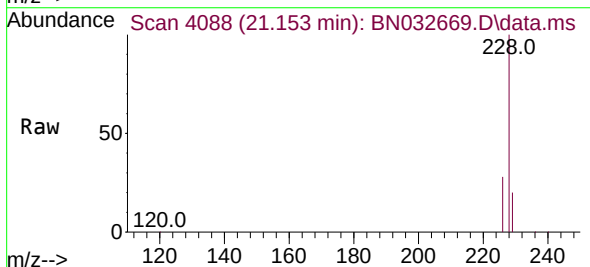
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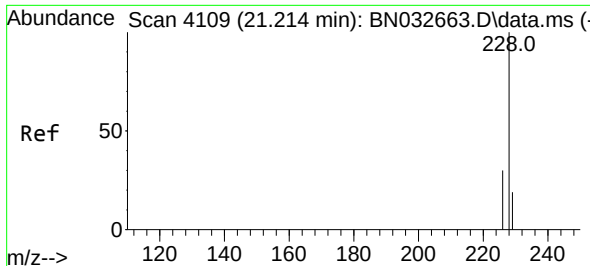
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#21
Benzo(a)anthracene
Concen: 14.278 ng/ul m
RT: 21.153 min Scan# 4088
Delta R.T. -0.029 min
Lab File: BN032669.D
Acq: 12 Jul 2024 12:34

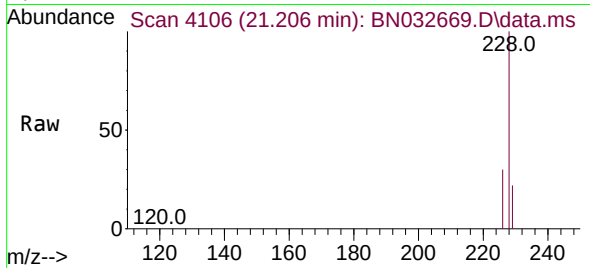
Tgt Ion:228 Resp: 603499
Ion Ratio Lower Upper
228 100
229 20.4 16.1 24.1
226 27.7 21.9 32.9





#22
Chrysene
Concen: 11.195 ng/ul m
RT: 21.206 min Scan# 4106
Delta R.T. -0.026 min
Lab File: BN032669.D
Acq: 12 Jul 2024 12:34

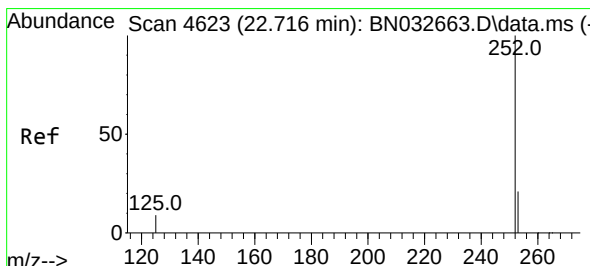
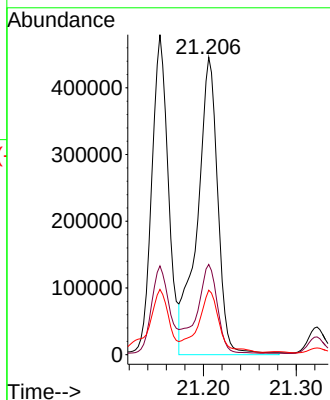
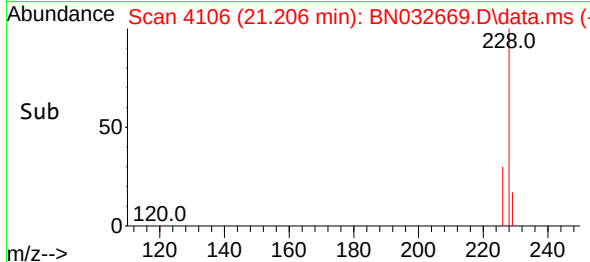
Instrument :
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ClientSampleId :
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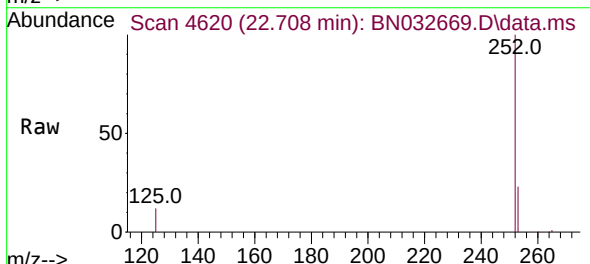
Tgt Ion:228 Resp: 684549
Ion Ratio Lower Upper
228 100
226 30.4 24.0 36.0
229 21.7 15.8 23.6

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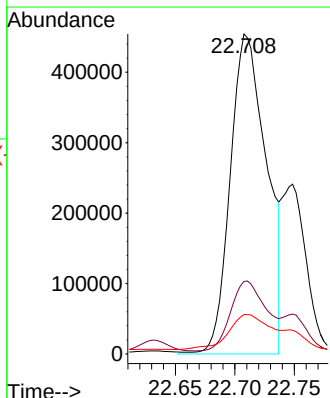
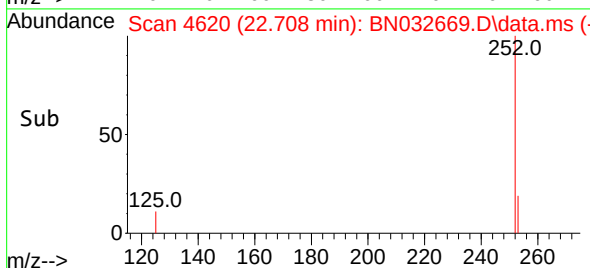
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024

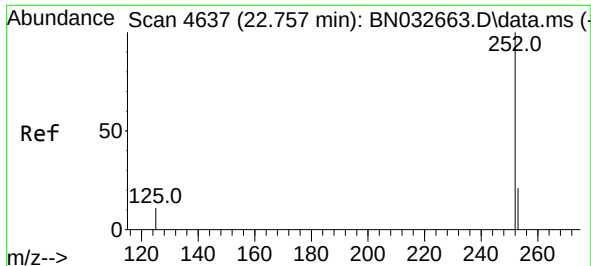


#24
Benzo(b)fluoranthene
Concen: 16.829 ng/ul m
RT: 22.708 min Scan# 4620
Delta R.T. -0.026 min
Lab File: BN032669.D
Acq: 12 Jul 2024 12:34



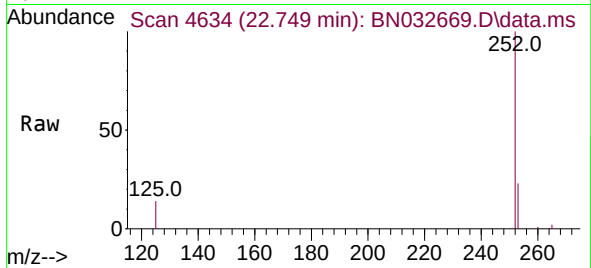
Tgt Ion:252 Resp: 964753
Ion Ratio Lower Upper
252 100
253 22.6 0.0 54.0
125 12.3 0.0 36.0





#25
Benzo(k)fluoranthene
Concen: 4.990 ng/ul m
RT: 22.749 min Scan# 4634
Delta R.T. -0.029 min
Lab File: BN032669.D
Acq: 12 Jul 2024 12:34

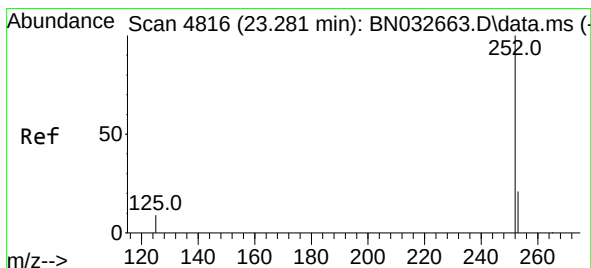
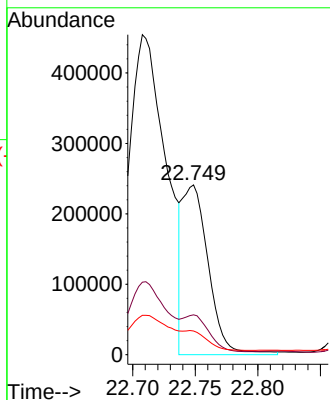
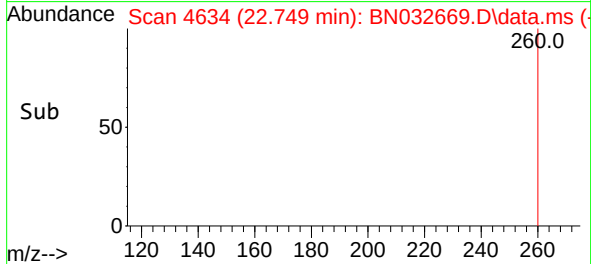
Instrument :
BNA_N
ClientSampleId :
A4BR7



Tgt Ion:252 Resp: 348610
Ion Ratio Lower Upper
252 100
253 23.5 21.2 31.8
125 14.0 14.8 22.2

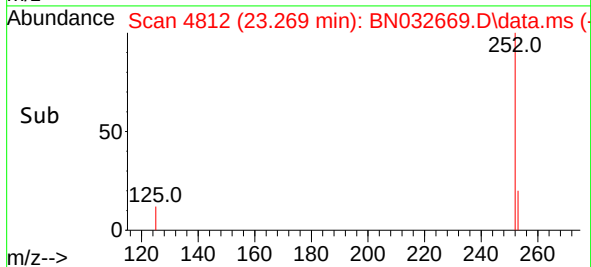
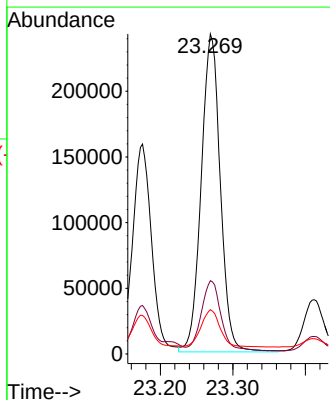
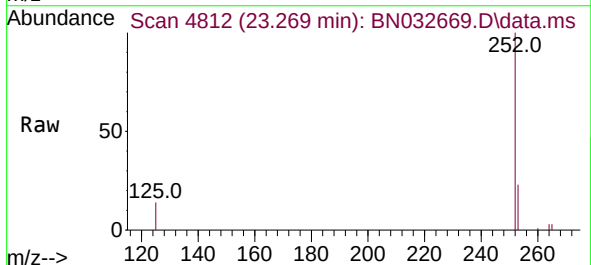
Manual Integrations
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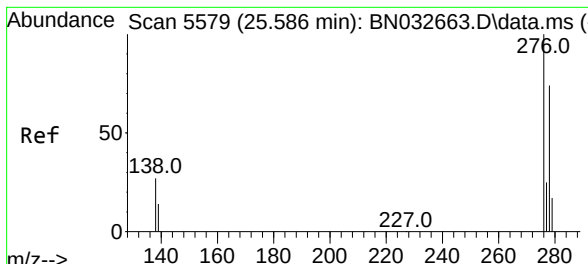
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#26
Benzo(a)pyrene
Concen: 8.932 ng/ul m
RT: 23.269 min Scan# 4812
Delta R.T. -0.041 min
Lab File: BN032669.D
Acq: 12 Jul 2024 12:34

Tgt Ion:252 Resp: 443086
Ion Ratio Lower Upper
252 100
253 22.9 25.4 38.0#
125 13.9 20.6 30.8#





#27

Indeno(1,2,3-cd)pyrene

Concen: 6.129 ng/ul m

RT: 25.572 min Scan# 5575

Delta R.T. -0.054 min

Lab File: BN032669.D

Acq: 12 Jul 2024 12:34

Instrument :

BNA_N

ClientSampleId :

A4BR7

Tgt Ion:276 Resp: 41167

Ion Ratio Lower Upper

276 100

138 3.1 21.6 32.4

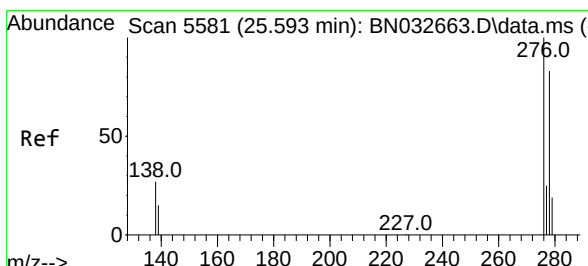
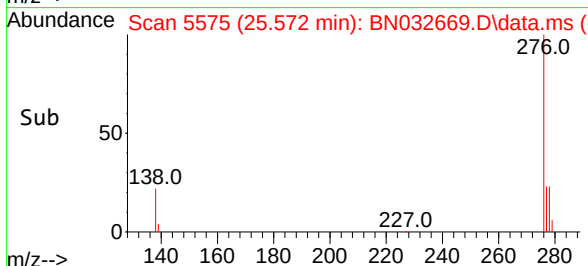
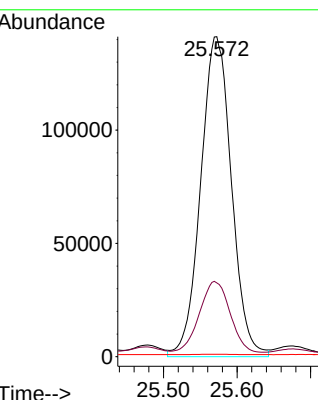
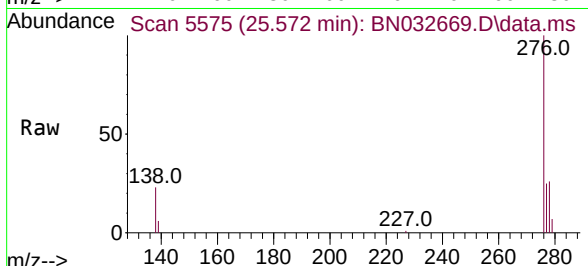
227 0.0 0.0 0.0

Manual Integrations

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Reviewed By :Yogesh Patel 07/13/2024

Supervised By :mohammad ahmed 07/16/2024



#28

Dibenzo(a,h)anthracene

Concen: 2.405 ng/ul m

RT: 25.572 min Scan# 5575

Delta R.T. -0.067 min

Lab File: BN032669.D

Acq: 12 Jul 2024 12:34

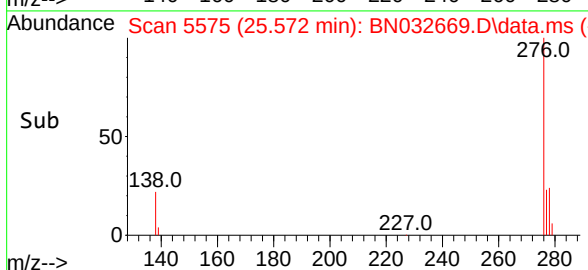
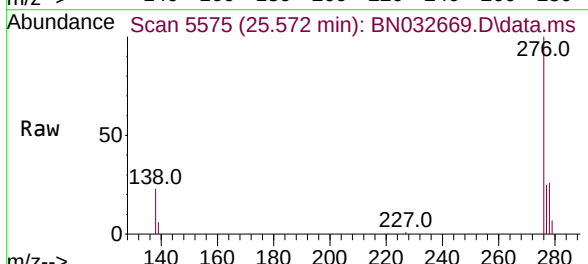
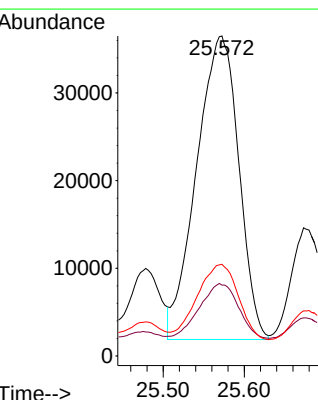
Tgt Ion:278 Resp: 125243

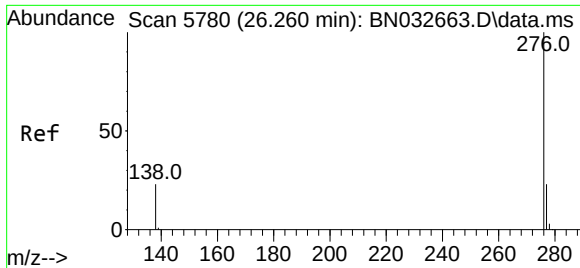
Ion Ratio Lower Upper

278 100

139 22.1 16.6 24.8

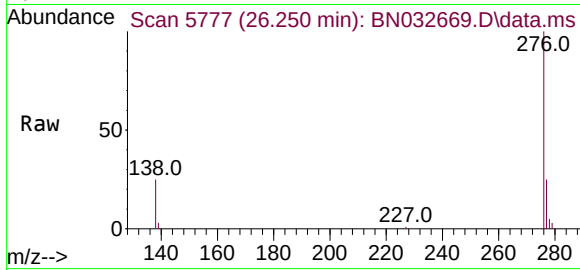
279 28.7 23.7 35.5





#29
 Benzo(g,h,i)perylene
 Concen: 3.245 ng/ul m
 RT: 26.250 min Scan# 51
 Delta R.T. -0.050 min
 Lab File: BN032669.D
 Acq: 12 Jul 2024 12:34

Instrument :
 BNA_N
 ClientSampleId :
 A4BR7



Tgt Ion: 276 Resp: 182170

Ion	Ratio	Lower	Upper
276	100		
138	25.0	21.0	31.4
277	25.5	20.6	31.0

Manual Integrations
 APPROVED

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

