

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032770.D
 Acq On : 17 Jul 2024 09:23
 Operator : MA/JU
 Sample : P3100-17
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D08

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024

Quant Time: Jul 17 11:04:31 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 : Wed Jul 17 02:35:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.544	152	5127	0.400	ng/ul	0.00
4) Naphthalene-d8	10.316	136	15779	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.193	164	8967	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.957	188	19118m	0.400	ng/ul	0.00
17) Chrysene-d12	21.173	240	16527m	0.400	ng/ul	0.00
23) Perylene-d12	23.377	264	24103m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	28409	4.615	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.916	152	5831	0.245	ng/ul	-0.02
18) Fluoranthene-d10	18.999	212	12815m	0.238	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.365	128	33178	0.783	ng/ul	98
7) 2-Methylnaphthalene	11.988	142	17893	0.677	ng/ul	96
8) 1-Methylnaphthalene	12.213	142	16006	0.585	ng/ul	99
10) Acenaphthylene	13.915	152	59234	1.635	ng/ul	100
11) Acenaphthene	14.258	153	26737	0.892	ng/ul	99
12) Fluorene	15.252	166	30921	0.903	ng/ul	99
14) Pentachlorophenol	16.628	266	227m	0.068	ng/ul	
15) Phenanthrene	16.995	178	534639m	10.268	ng/ul	
16) Anthracene	17.088	178	139693m	3.284	ng/ul	
19) Fluoranthene	19.031	202	979296m	14.574	ng/ul	
20) Pyrene	19.394	202	683101m	9.821	ng/ul	
21) Benzo(a)anthracene	21.159	228	527069m	10.019	ng/ul	
22) Chrysene	21.208	228	594357m	7.810	ng/ul	
24) Benzo(b)fluoranthene	22.719	252	892591m	10.496	ng/ul	
25) Benzo(k)fluoranthene	22.757	252	338995m	3.271	ng/ul	
26) Benzo(a)pyrene	23.281	252	296805m	4.033	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.599	276	310150m	3.112	ng/ul	
28) Dibenzo(a,h)anthracene	25.596	278	123967m	1.605	ng/ul	
29) Benzo(g,h,i)perylene	26.287	276	41427m	0.497	ng/ul	

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

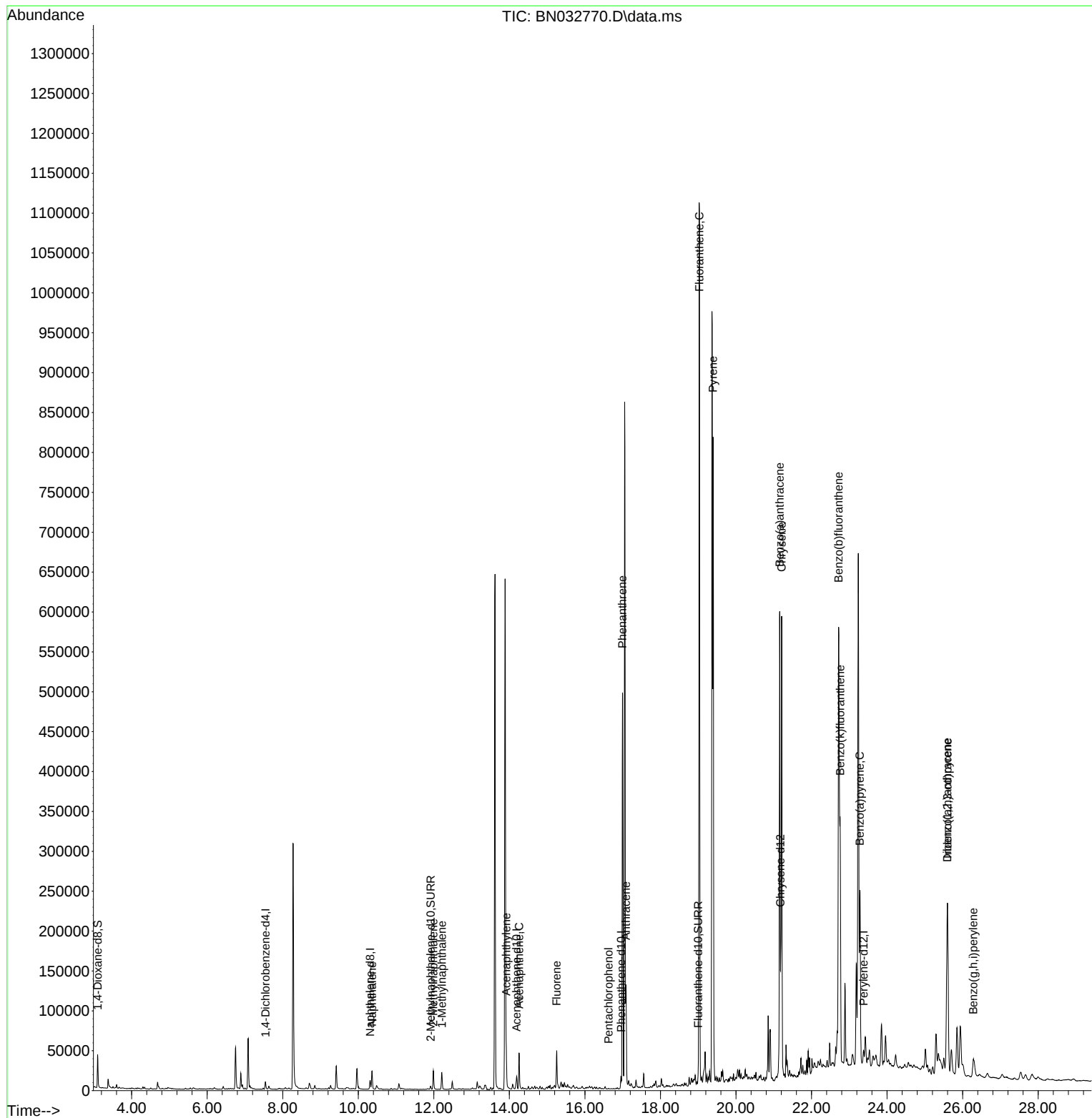
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032770.D
Acq On : 17 Jul 2024 09:23
Operator : MA/JU
Sample : P3100-17
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ALS Vial : 41 Sample Multiplier: 1

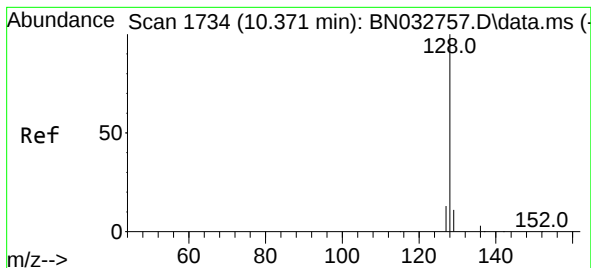
Instrument :
BNA_N
ClientSampleId :
A4D08

Quant Time: Jul 17 11:04:31 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 : Wed Jul 17 02:35:25 2024
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Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024





#5

Naphthalene

Concen: 0.783 ng/ul

RT: 10.365 min Scan# 1733

Delta R.T. -0.006 min

Lab File: BN032770.D

Acq: 17 Jul 2024 09:23

Instrument :

BNA_N

ClientSampleId :

A4D08

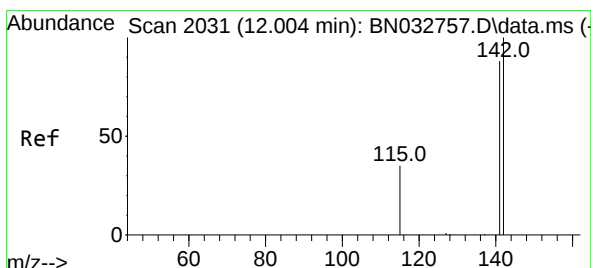
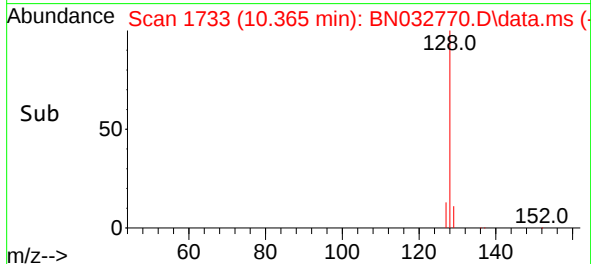
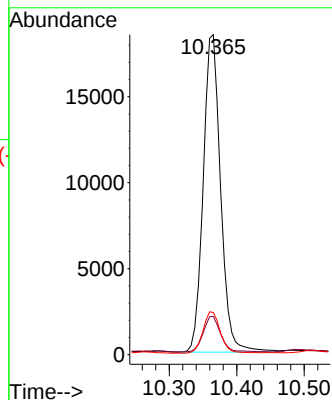
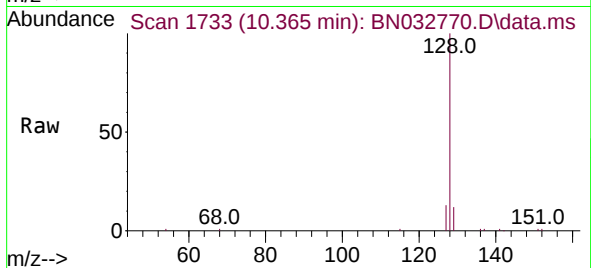
Tgt Ion:128	Resp:	33178
Ion Ratio	Lower	Upper
128	100	
129	12.0	10.0 15.0
127	13.2	11.6 17.4

Manual Integrations

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Supervised By :mohammad ahmed 07/19/2024



#7

2-Methylnaphthalene

Concen: 0.677 ng/ul

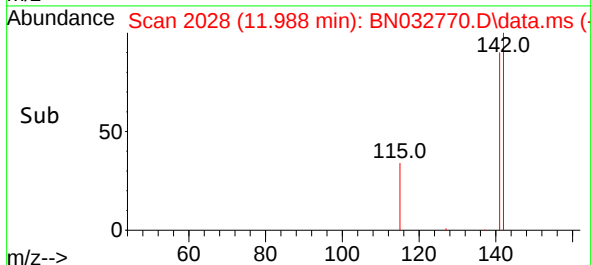
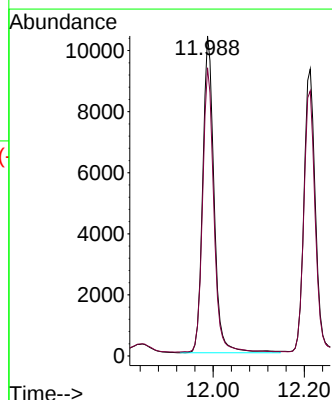
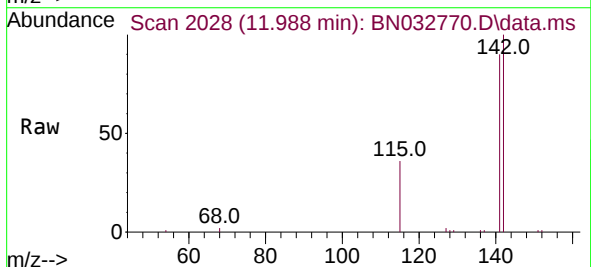
RT: 11.988 min Scan# 2028

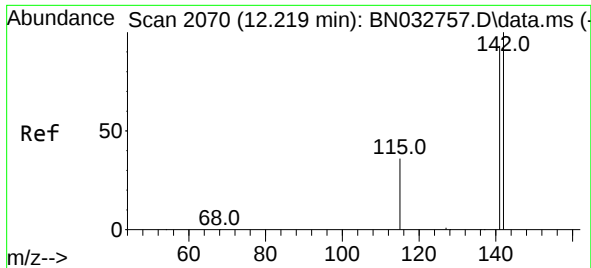
Delta R.T. -0.017 min

Lab File: BN032770.D

Acq: 17 Jul 2024 09:23

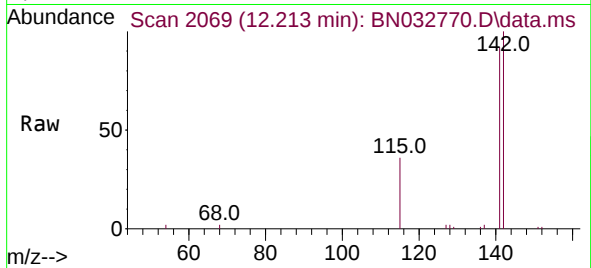
Tgt Ion:142	Resp:	17893
Ion Ratio	Lower	Upper
142	100	
141	89.0	74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.585 ng/ul
RT: 12.213 min Scan# 2070
Delta R.T. -0.006 min
Lab File: BN032770.D
Acq: 17 Jul 2024 09:23

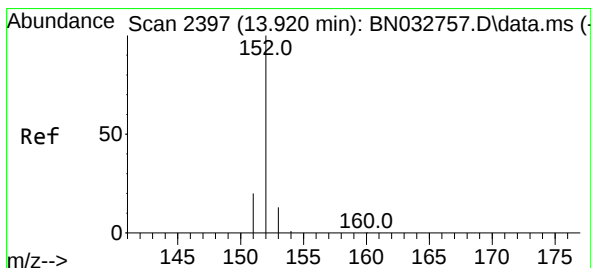
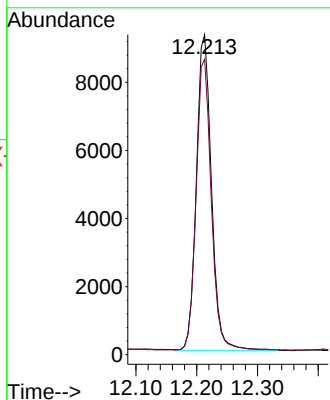
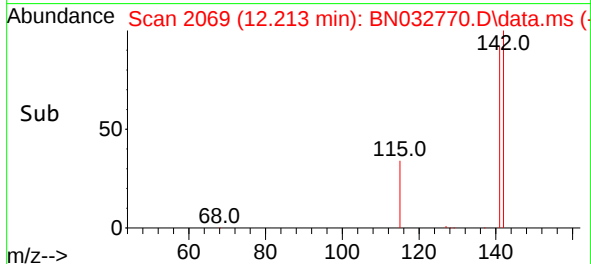
Instrument :
BNA_N
ClientSampleId :
A4D08



Tgt Ion:142 Resp: 16000
Ion Ratio Lower Upper
142 100
141 92.6 75.0 112.4

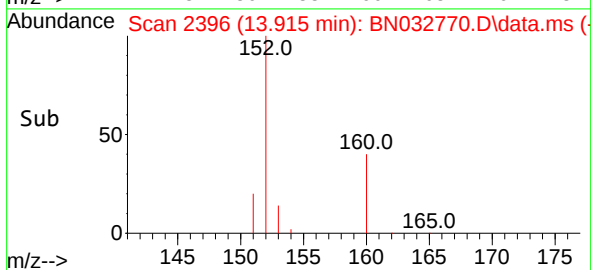
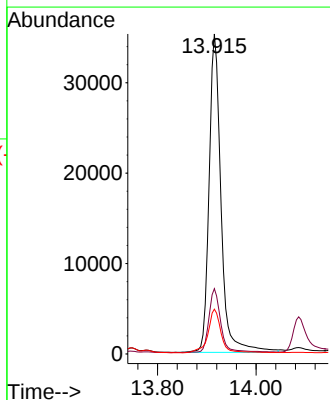
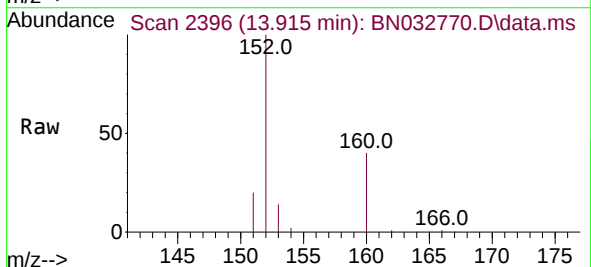
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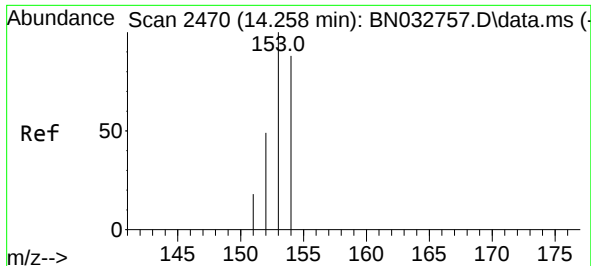
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#10
Acenaphthylene
Concen: 1.635 ng/ul
RT: 13.915 min Scan# 2396
Delta R.T. -0.005 min
Lab File: BN032770.D
Acq: 17 Jul 2024 09:23

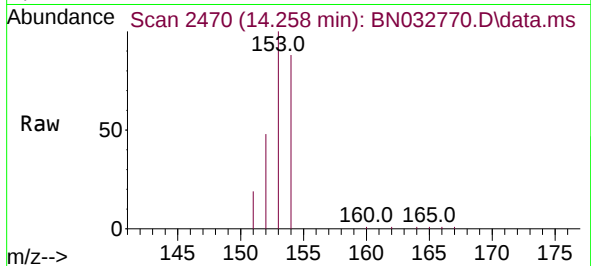
Tgt Ion:152 Resp: 59234
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 14.0 11.3 16.9





#11
Acenaphthene
Concen: 0.892 ng/ul
RT: 14.258 min Scan# 2470
Delta R.T. -0.000 min
Lab File: BN032770.D
Acq: 17 Jul 2024 09:23

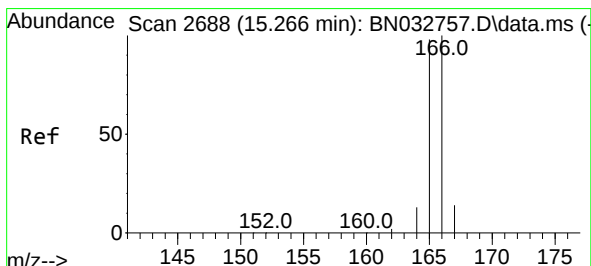
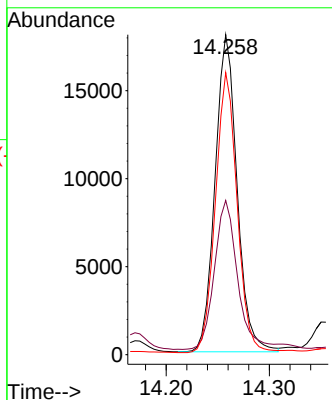
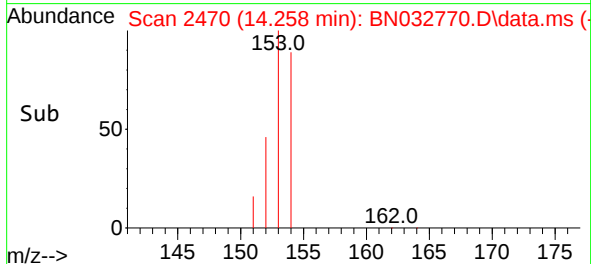
Instrument :
BNA_N
ClientSampleId :
A4D08



Tgt Ion:153 Resp: 2673
Ion Ratio Lower Upper
153 100
152 48.2 40.0 60.0
154 88.1 70.2 105.4

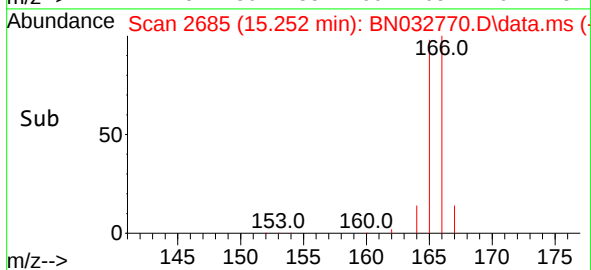
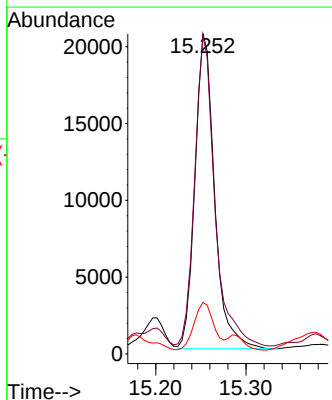
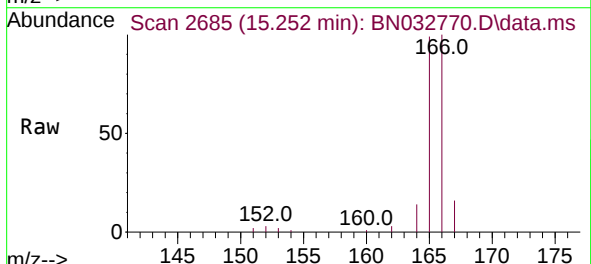
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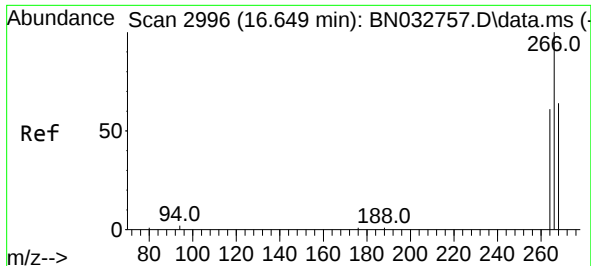
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#12
Fluorene
Concen: 0.903 ng/ul
RT: 15.252 min Scan# 2685
Delta R.T. -0.014 min
Lab File: BN032770.D
Acq: 17 Jul 2024 09:23

Tgt Ion:166 Resp: 30921
Ion Ratio Lower Upper
166 100
165 99.4 79.7 119.5
167 16.1 11.4 17.2





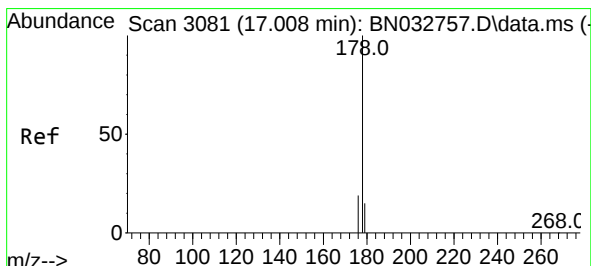
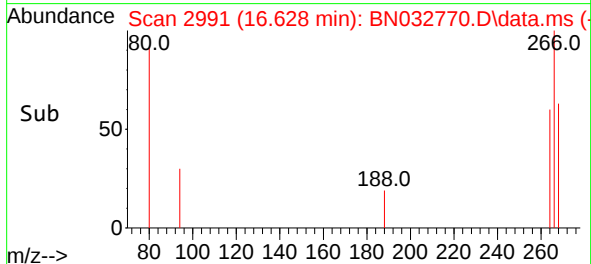
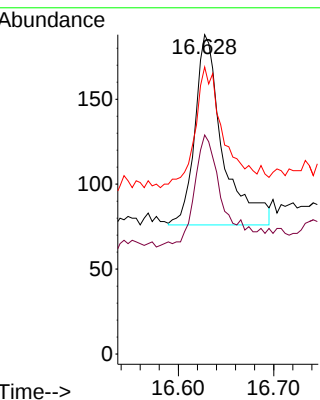
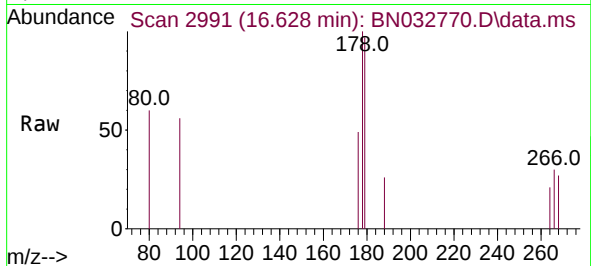
#14
Pentachlorophenol
Concen: 0.068 ng/ul m
RT: 16.628 min Scan# 2991
Delta R.T. -0.021 min
Lab File: BN032770.D
Acq: 17 Jul 2024 09:23

Instrument :
BNA_N
ClientSampleId :
A4D08

Tgt Ion:266 Resp: 227
Ion Ratio Lower Upper
266 100
264 0.0 49.4 74.2
268 3.1 51.6 77.4

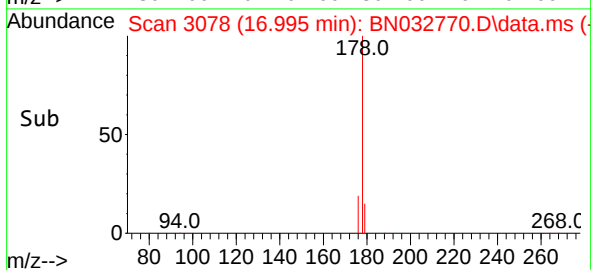
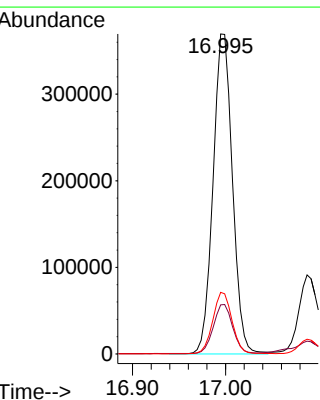
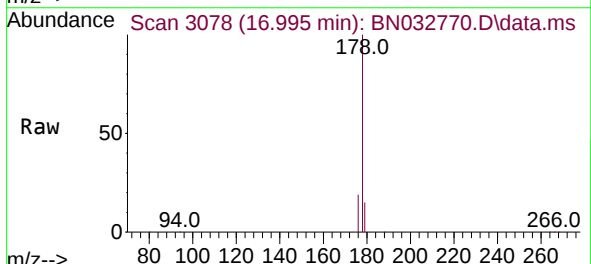
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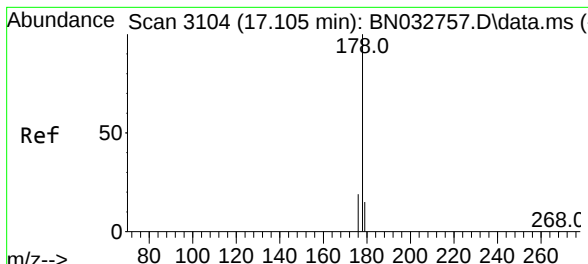
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#15
Phenanthrene
Concen: 10.268 ng/ul m
RT: 16.995 min Scan# 3078
Delta R.T. -0.013 min
Lab File: BN032770.D
Acq: 17 Jul 2024 09:23

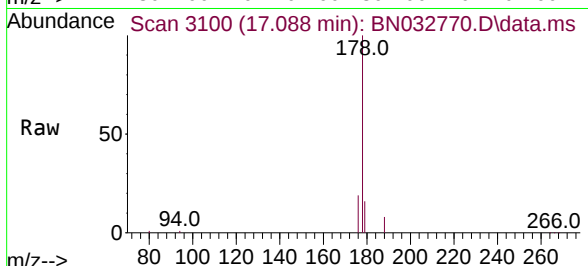
Tgt Ion:178 Resp: 534639
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.4
176 19.2 15.6 23.4





#16
 Anthracene
 Concen: 3.284 ng/ul m
 RT: 17.088 min Scan# 3100
 Delta R.T. -0.017 min
 Lab File: BN032770.D
 Acq: 17 Jul 2024 09:23

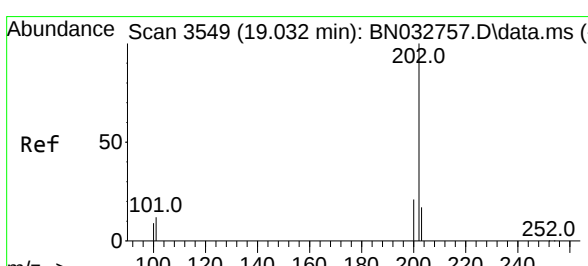
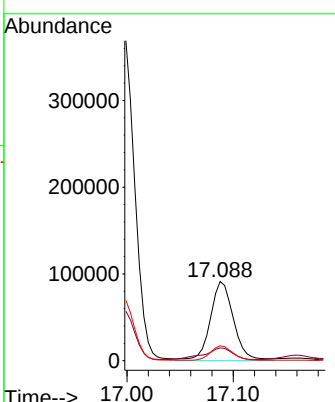
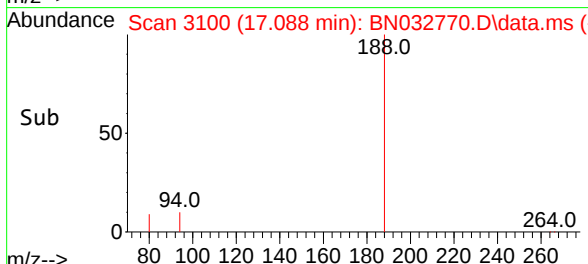
Instrument : BNA_N
 ClientSampleId : A4D08



Tgt Ion:178 Resp: 139693

Ion	Ratio	Lower	Upper
178	100		
179	16.1	13.4	20.2
176	18.7	15.4	23.0

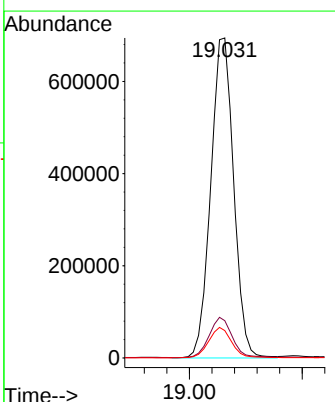
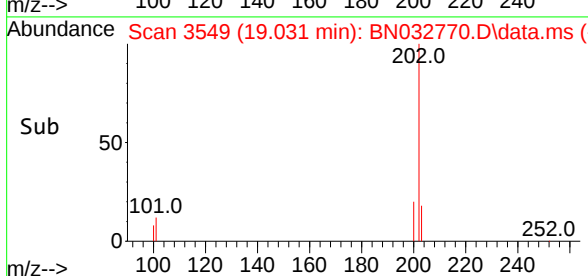
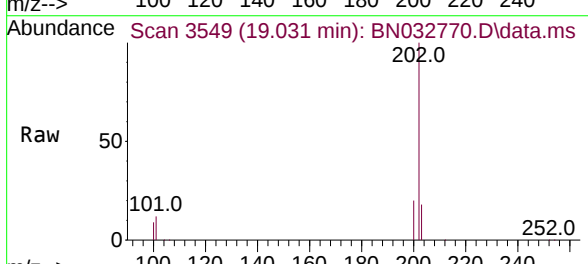
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 Supervised By :mohammad ahmed 07/19/2024

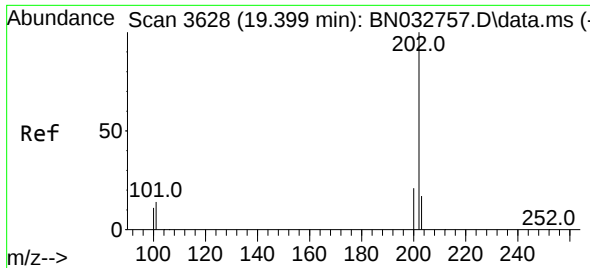


#19
 Fluoranthene
 Concen: 14.574 ng/ul m
 RT: 19.031 min Scan# 3549
 Delta R.T. -0.000 min
 Lab File: BN032770.D
 Acq: 17 Jul 2024 09:23

Tgt Ion:202 Resp: 979296

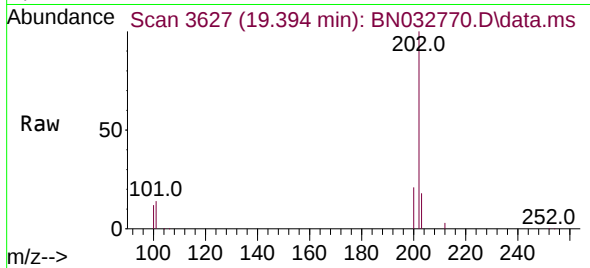
Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.8	14.8
100	8.6	7.9	11.9





#20
Pyrene
Concen: 9.821 ng/ul m
RT: 19.394 min Scan# 3627
Delta R.T. -0.005 min
Lab File: BN032770.D
Acq: 17 Jul 2024 09:23

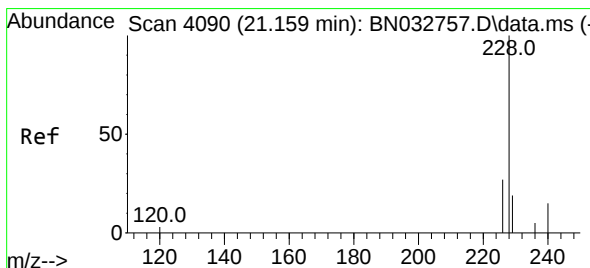
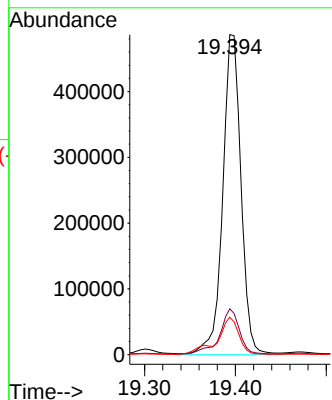
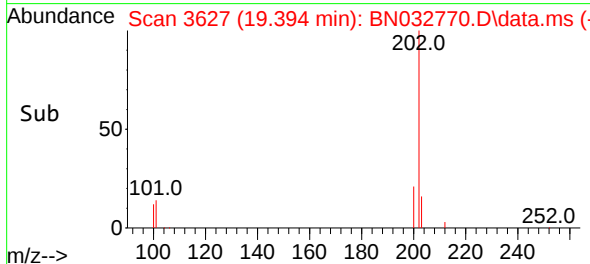
Instrument :
BNA_N
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A4D08



Tgt Ion:202 Resp: 68310
Ion Ratio Lower Upper
202 100
101 14.3 11.8 17.6
100 11.7 9.6 14.4

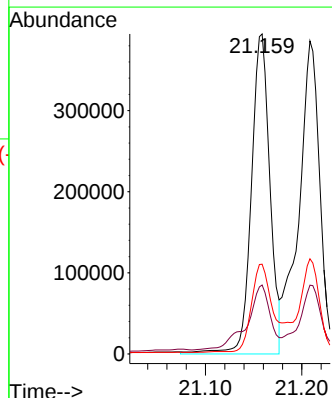
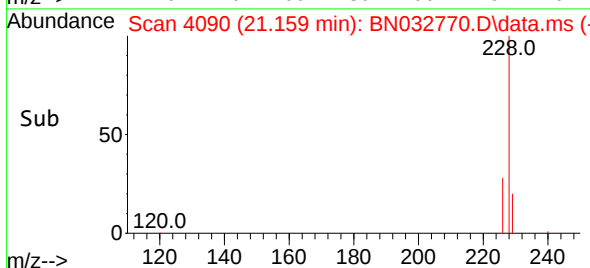
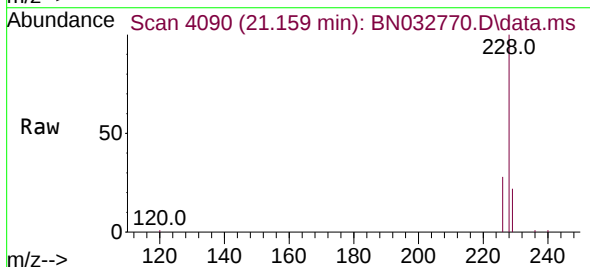
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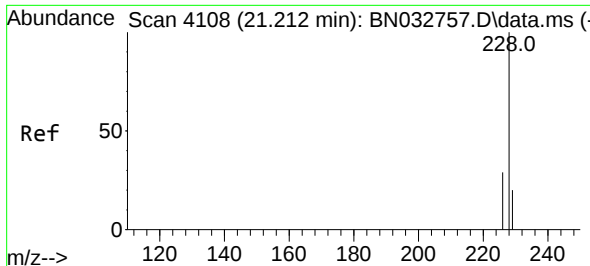
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#21
Benzo(a)anthracene
Concen: 10.019 ng/ul m
RT: 21.159 min Scan# 4090
Delta R.T. -0.000 min
Lab File: BN032770.D
Acq: 17 Jul 2024 09:23

Tgt Ion:228 Resp: 527069
Ion Ratio Lower Upper
228 100
229 21.5 16.1 24.1
226 28.1 21.9 32.9





#22

Chrysene

Concen: 7.810 ng/ul m

RT: 21.208 min Scan# 4108

Delta R.T. -0.003 min

Lab File: BN032770.D

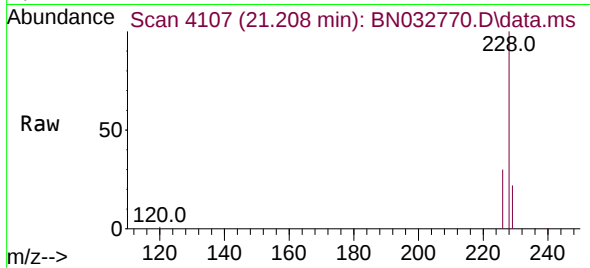
Acq: 17 Jul 2024 09:23

Instrument :

BNA_N

ClientSampleId :

A4D08



Tgt Ion:228 Resp: 59435

Ion Ratio Lower Upper

228 100

226 30.4 24.0 36.0

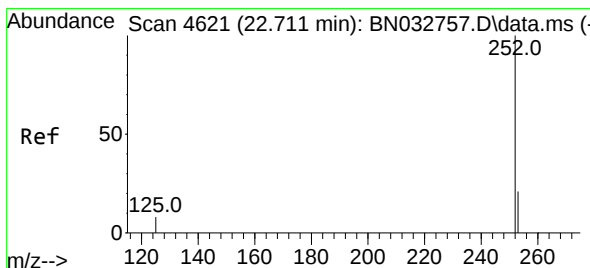
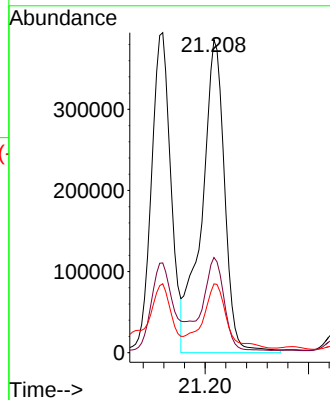
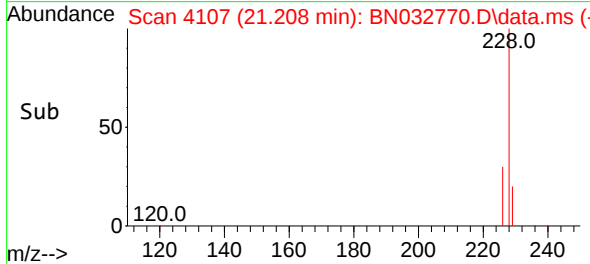
229 22.0 15.8 23.6

Manual Integrations

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Reviewed By :Yogesh Patel 07/18/2024

Supervised By :mohammad ahmed 07/19/2024



#24

Benzo(b)fluoranthene

Concen: 10.496 ng/ul m

RT: 22.719 min Scan# 4624

Delta R.T. 0.009 min

Lab File: BN032770.D

Acq: 17 Jul 2024 09:23

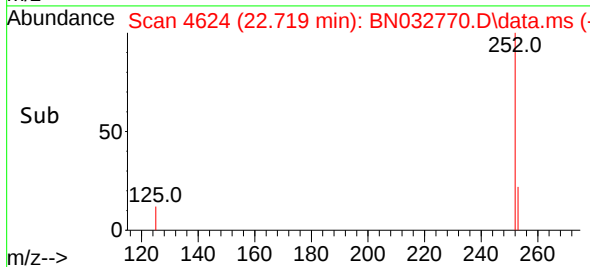
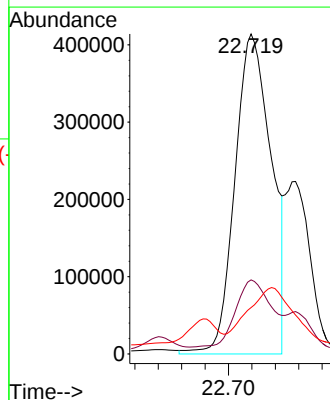
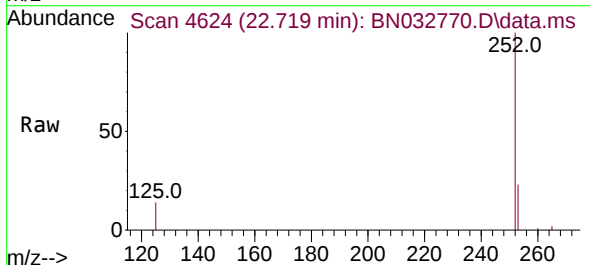
Tgt Ion:252 Resp: 892591

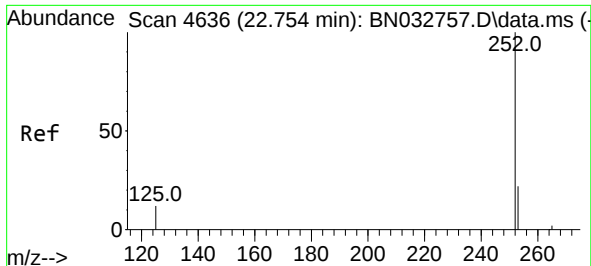
Ion Ratio Lower Upper

252 100

253 23.2 0.0 54.0

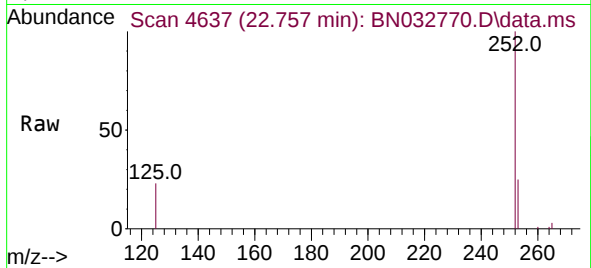
125 14.5 0.0 36.0





#25
Benzo(k)fluoranthene
Concen: 3.271 ng/ul m
RT: 22.757 min Scan# 4637
Delta R.T. 0.003 min
Lab File: BN032770.D
Acq: 17 Jul 2024 09:23

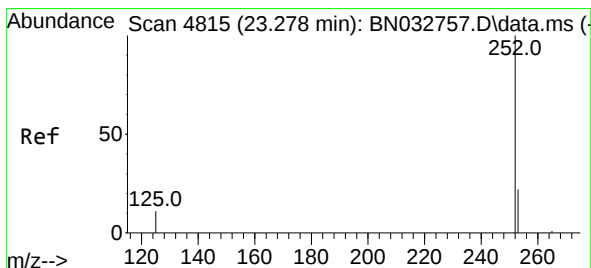
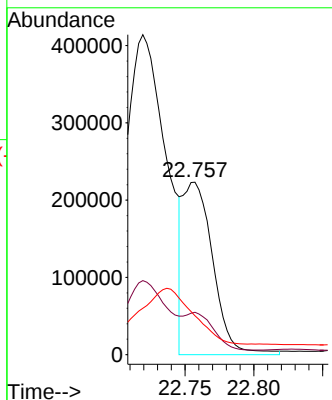
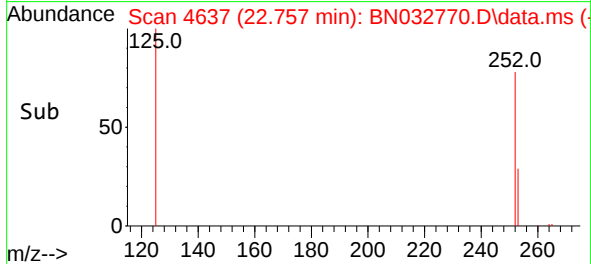
Instrument :
BNA_N
ClientSampleId :
A4D08



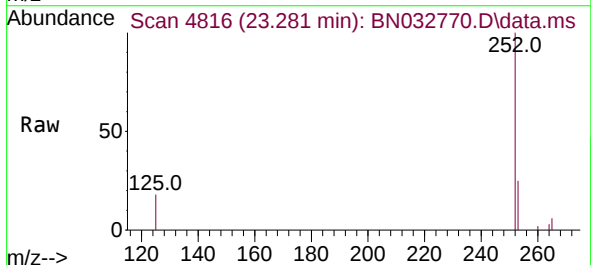
Tgt Ion:252 Resp: 338995
Ion Ratio Lower Upper
252 100
253 24.6 21.2 31.8
125 22.5 14.8 22.2

Manual Integrations
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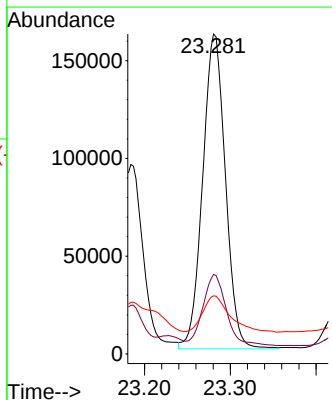
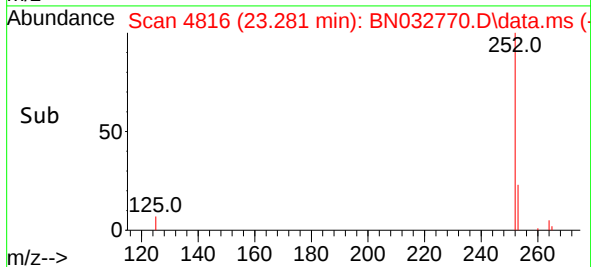
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

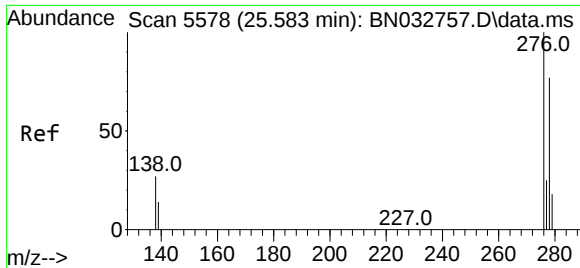


#26
Benzo(a)pyrene
Concen: 4.033 ng/ul m
RT: 23.281 min Scan# 4816
Delta R.T. 0.003 min
Lab File: BN032770.D
Acq: 17 Jul 2024 09:23



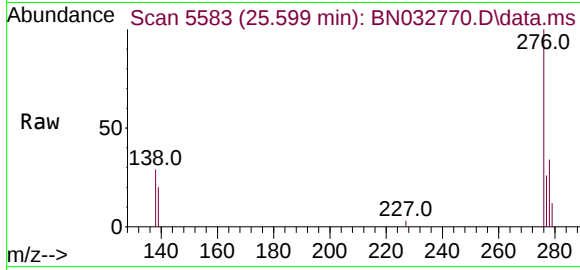
Tgt Ion:252 Resp: 296805
Ion Ratio Lower Upper
252 100
253 24.8 25.4 38.0#
125 18.1 20.6 30.8#





#27
Indeno(1,2,3-cd)pyrene
Concen: 3.112 ng/ul m
RT: 25.599 min Scan# 5583
Delta R.T. 0.017 min
Lab File: BN032770.D
Acq: 17 Jul 2024 09:23

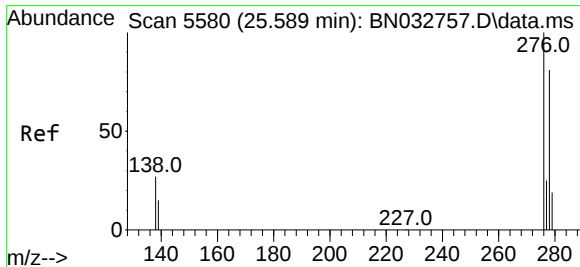
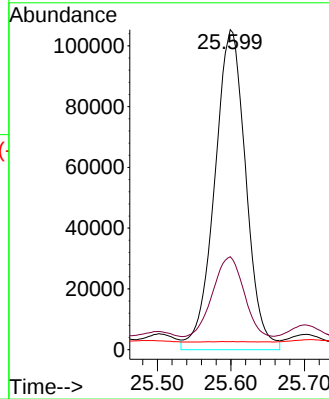
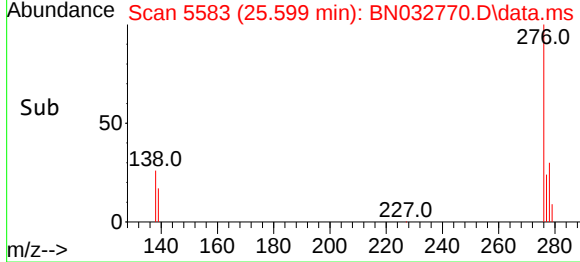
Instrument :
BNA_N
ClientSampleId :
A4D08



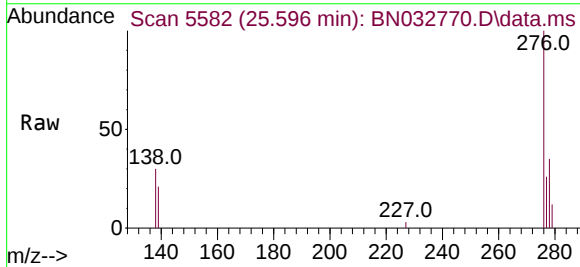
Tgt Ion:276 Resp: 310150
Ion Ratio Lower Upper
276 100
138 4.3 21.6 32.4
227 1.0 0.0 0.0

Manual Integrations
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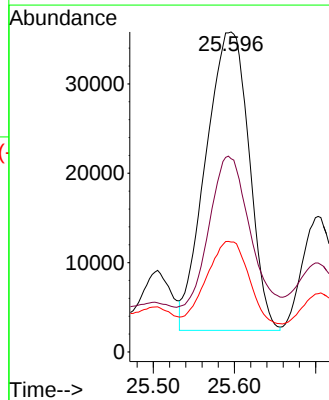
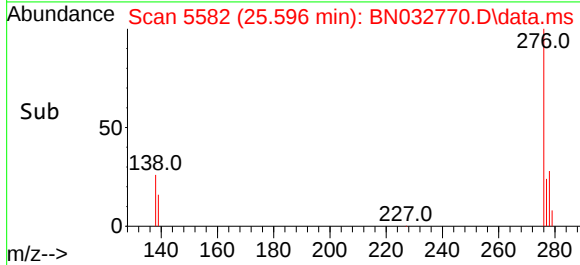
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

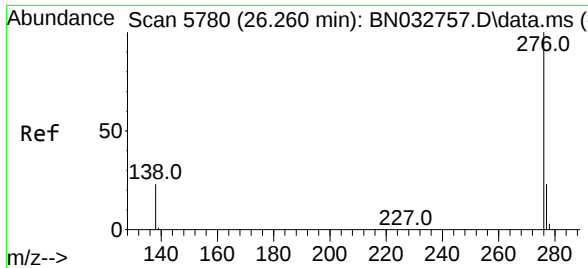


#28
Dibenzo(a,h)anthracene
Concen: 1.605 ng/ul m
RT: 25.596 min Scan# 5582
Delta R.T. 0.007 min
Lab File: BN032770.D
Acq: 17 Jul 2024 09:23



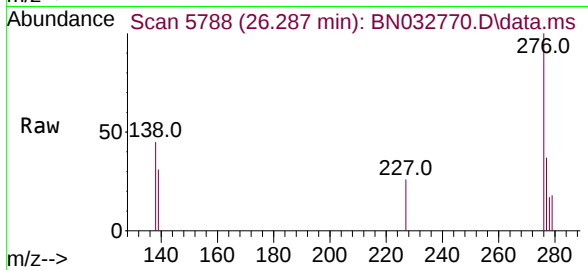
Tgt Ion:278 Resp: 123967
Ion Ratio Lower Upper
278 100
139 60.4 16.6 24.8
279 34.4 23.7 35.5





#29
Benzo(g,h,i)perylene
Concen: 0.497 ng/ul m
RT: 26.287 min Scan# 51
Delta R.T. 0.027 min
Lab File: BN032770.D
Acq: 17 Jul 2024 09:23

Instrument :
BNA_N
ClientSampleId :
A4D08



Tgt Ion:276 Resp: 4142
Ion Ratio Lower Upper
276 100
138 45.1 21.0 31.4
277 37.2 20.6 31.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

