

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
 Data File : BN032524.D
 Acq On : 06 Jul 2024 00:56
 Operator : MA/JU
 Sample : P2964-16DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CT5DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024

Quant Time: Jul 06 01:21:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 03 03:26:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.595	152	5775	0.400	ng/ul	0.00
4) Naphthalene-d8	10.371	136	16151	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.239	164	8589	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.999	188	16073	0.400	ng/ul	0.00
17) Chrysene-d12	21.200	240	15252	0.400	ng/ul	0.00
23) Perylene-d12	23.415	264	18432	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	4374	0.681	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.977	152	943	0.039	ng/ul	0.00
18) Fluoranthene-d10	19.031	212	1978	0.043	ng/ul	-0.01
Target Compounds					Qvalue	
5) Naphthalene	10.420	128	4118	0.096	ng/ul#	91
7) 2-Methylnaphthalene	12.054	142	1324	0.047	ng/ul	100
8) 1-Methylnaphthalene	12.268	142	1137	0.039	ng/ul	100
10) Acenaphthylene	13.962	152	9747	0.273	ng/ul	97
11) Acenaphthene	14.304	153	4895	0.177	ng/ul	98
12) Fluorene	15.299	166	5715	0.173	ng/ul#	98
15) Phenanthrene	17.037	178	129511	2.939	ng/ul	99
16) Anthracene	17.130	178	26656	0.678	ng/ul	97
19) Fluoranthene	19.064	202	300667	5.177	ng/ul	99
20) Pyrene	19.431	202	213639	3.520	ng/ul	99
21) Benzo(a)anthracene	21.185	228	136414	2.478	ng/ul	98
22) Chrysene	21.238	228	161023	2.665	ng/ul	98
24) Benzo(b)fluoranthene	22.751	252	231881m	2.896	ng/ul	
25) Benzo(k)fluoranthene	22.787	252	85856m	1.103	ng/ul	
26) Benzo(a)pyrene	23.319	252	83797	1.504	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.646	276	83321	0.955	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.643	278	27314	0.421	ng/ul#	89
29) Benzo(g,h,i)perylene	26.334	276	12038	0.173	ng/ul#	83

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

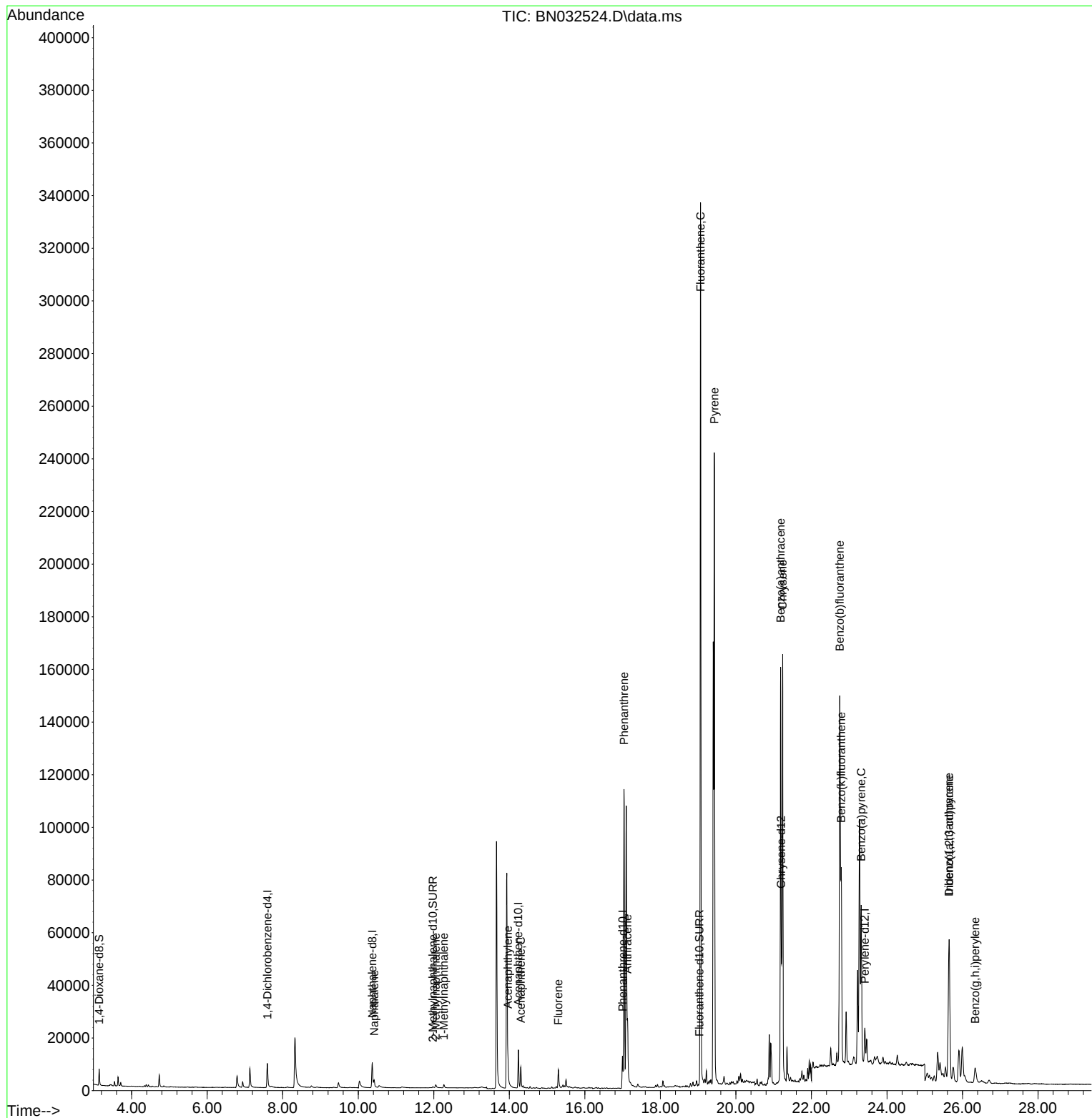
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
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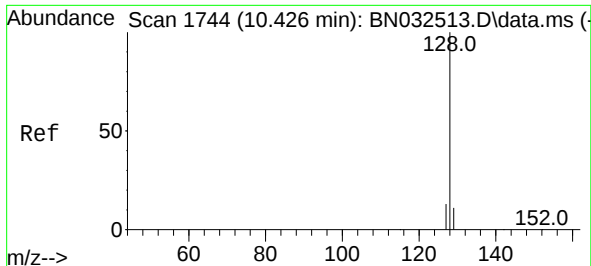
Instrument :
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Quant Time: Jul 06 01:21:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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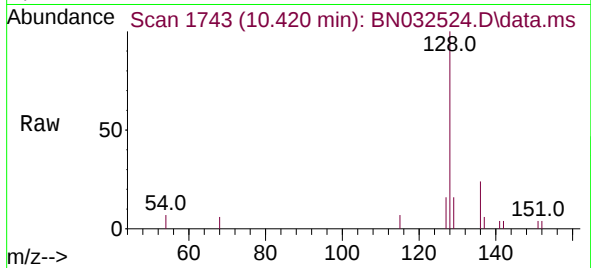
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024





#5
Naphthalene
Concen: 0.096 ng/ul
RT: 10.420 min Scan# 1743
Delta R.T. -0.011 min
Lab File: BN032524.D
Acq: 06 Jul 2024 00:56

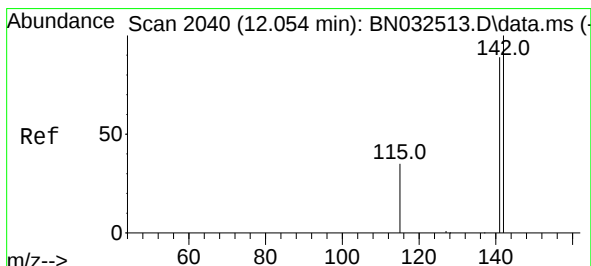
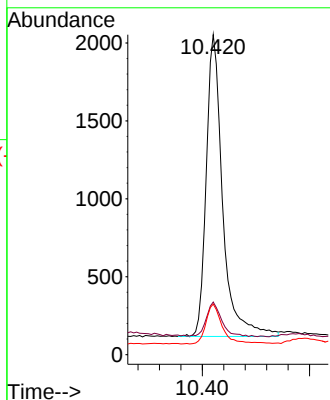
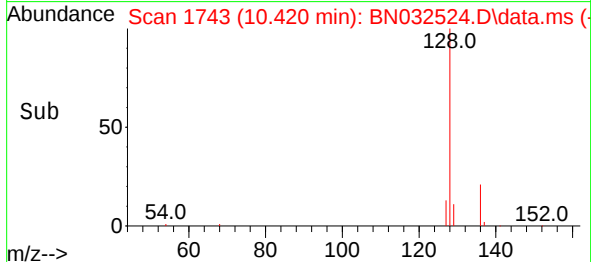
Instrument :
BNA_N
ClientSampleId :
A4CT5DL



Tgt Ion:128 Resp: 4118
Ion Ratio Lower Upper
128 100
129 16.4 9.2 13.8
127 15.8 10.8 16.2

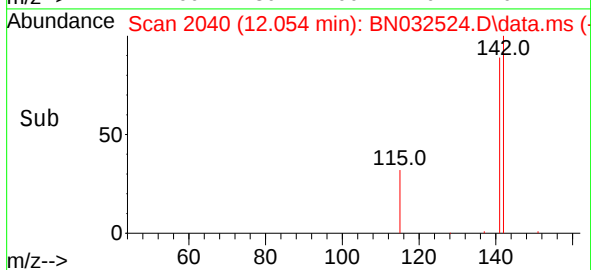
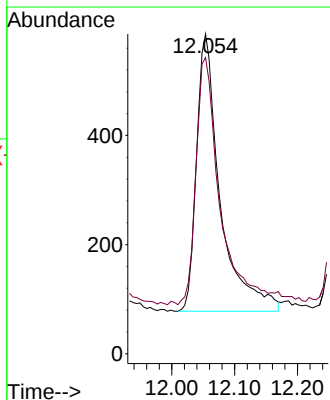
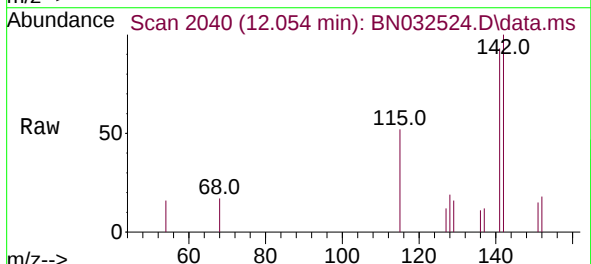
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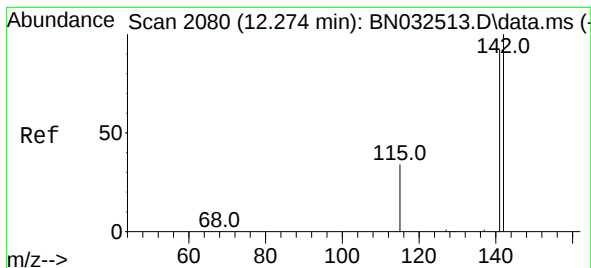
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#7
2-Methylnaphthalene
Concen: 0.047 ng/ul
RT: 12.054 min Scan# 2040
Delta R.T. 0.000 min
Lab File: BN032524.D
Acq: 06 Jul 2024 00:56

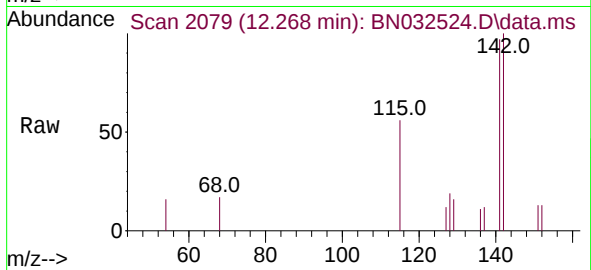
Tgt Ion:142 Resp: 1324
Ion Ratio Lower Upper
142 100
141 90.3 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.039 ng/ul
RT: 12.268 min Scan# 2080
Delta R.T. -0.005 min
Lab File: BN032524.D
Acq: 06 Jul 2024 00:56

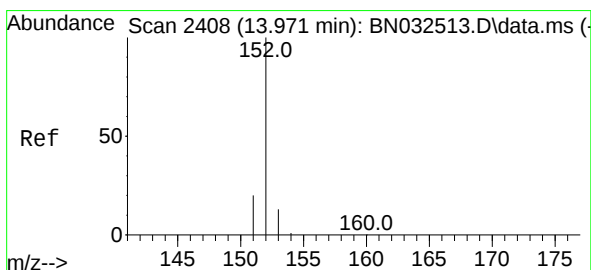
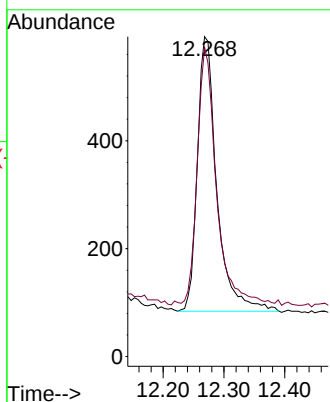
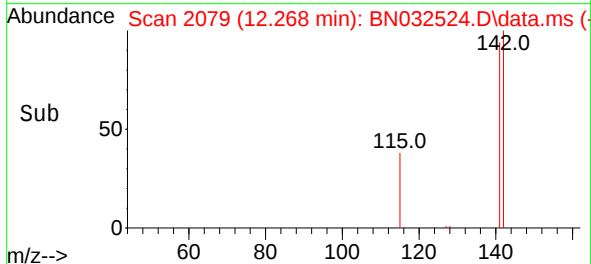
Instrument :
BNA_N
ClientSampleId :
A4CT5DL



Tgt Ion:142 Resp: 113
Ion Ratio Lower Upper
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141 92.1 73.4 110.0

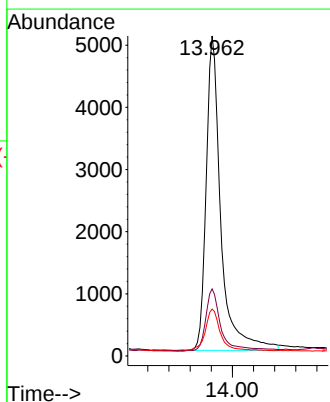
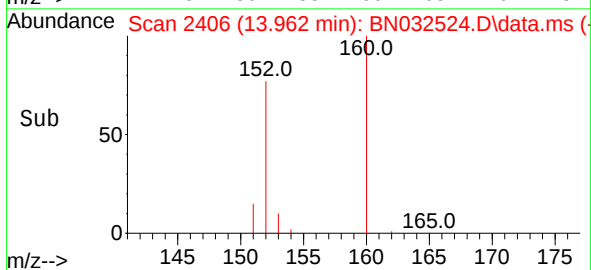
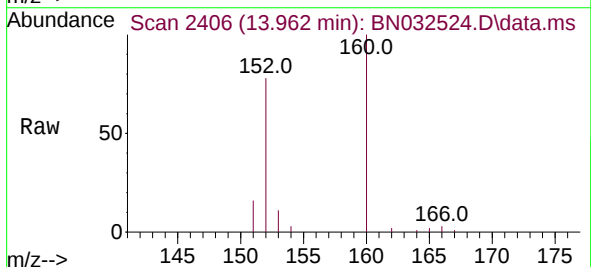
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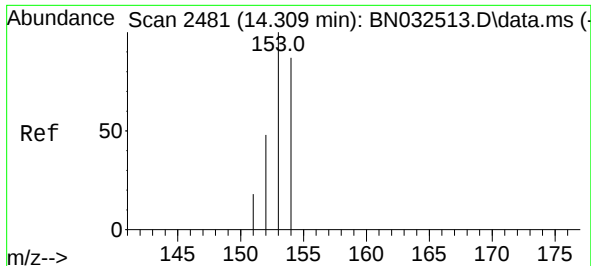
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#10
Acenaphthylene
Concen: 0.273 ng/ul
RT: 13.962 min Scan# 2406
Delta R.T. -0.009 min
Lab File: BN032524.D
Acq: 06 Jul 2024 00:56

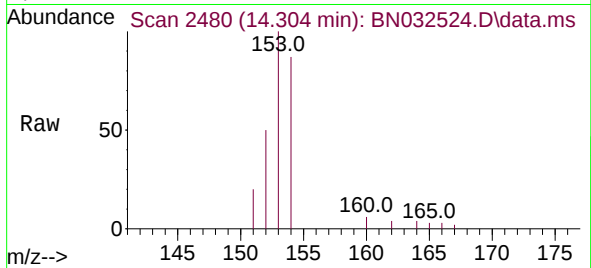
Tgt Ion:152 Resp: 9747
Ion Ratio Lower Upper
152 100
151 20.9 15.7 23.5
153 14.7 10.9 16.3





#11
Acenaphthene
Concen: 0.177 ng/ul
RT: 14.304 min Scan# 2481
Delta R.T. -0.009 min
Lab File: BN032524.D
Acq: 06 Jul 2024 00:56

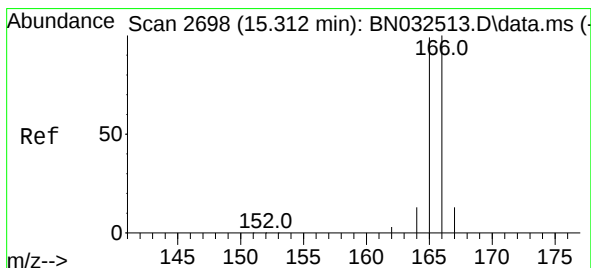
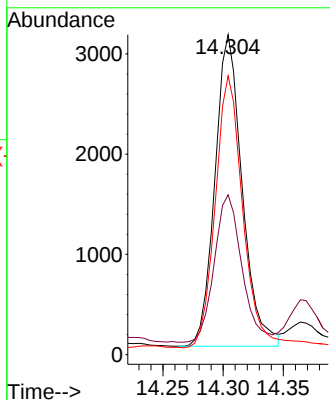
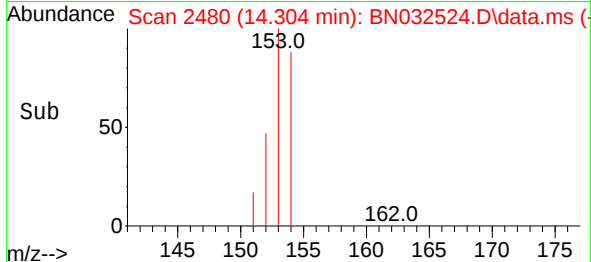
Instrument :
BNA_N
ClientSampleId :
A4CT5DL



Tgt Ion:153 Resp: 4895
Ion Ratio Lower Upper
153 100
152 49.9 39.5 59.3
154 87.2 71.7 107.5

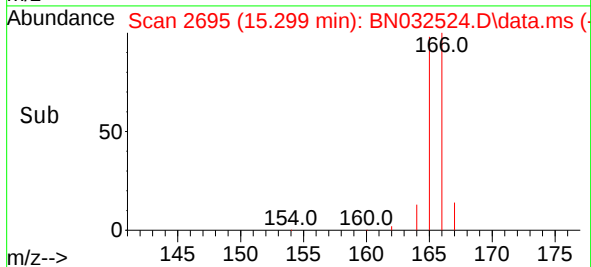
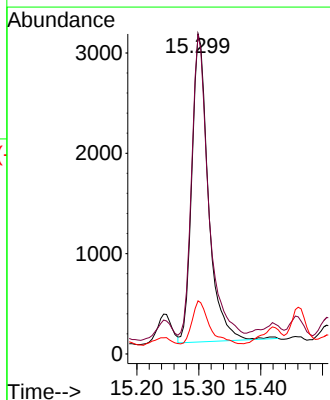
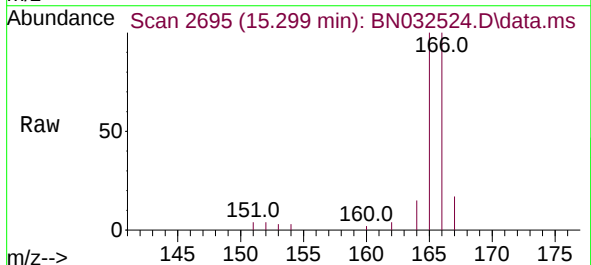
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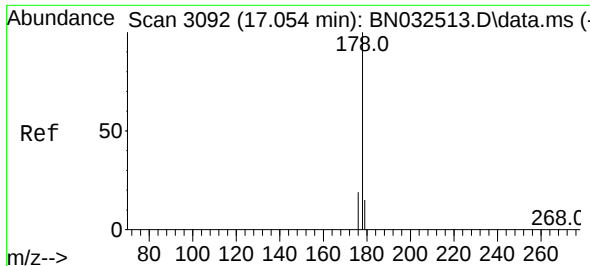
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#12
Fluorene
Concen: 0.173 ng/ul
RT: 15.299 min Scan# 2695
Delta R.T. -0.014 min
Lab File: BN032524.D
Acq: 06 Jul 2024 00:56

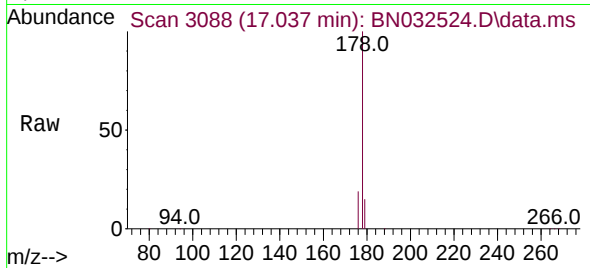
Tgt Ion:166 Resp: 5715
Ion Ratio Lower Upper
166 100
165 99.7 79.0 118.6
167 16.6 11.0 16.6#





#15
Phenanthrene
Concen: 2.939 ng/ul
RT: 17.037 min Scan# 3092
Delta R.T. -0.013 min
Lab File: BN032524.D
Acq: 06 Jul 2024 00:56

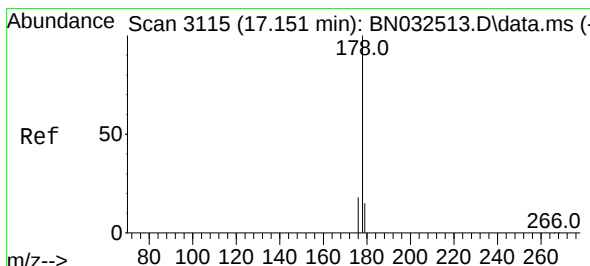
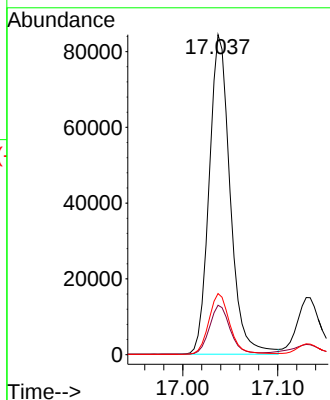
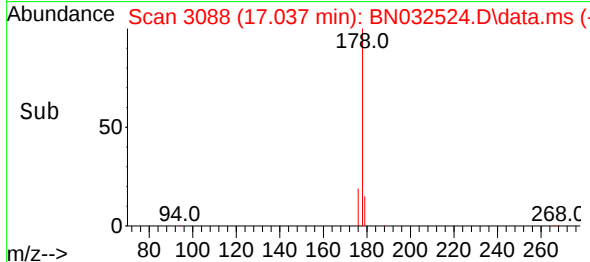
Instrument :
BNA_N
ClientSampleId :
A4CT5DL



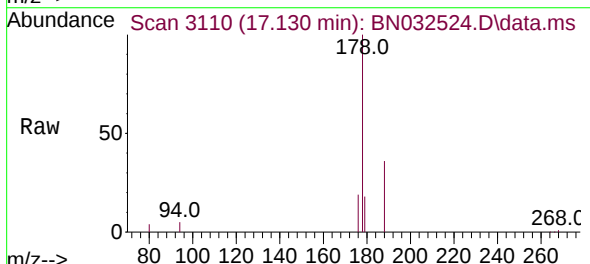
Tgt Ion:178 Resp: 12951
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 19.1 15.6 23.4

Manual Integrations
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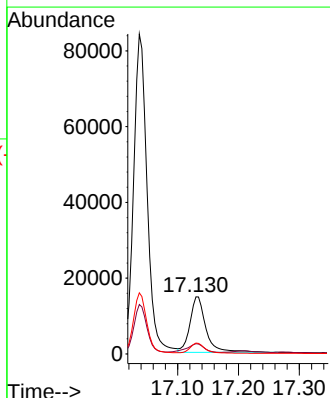
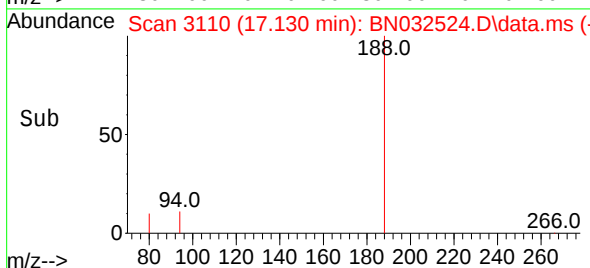
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Supervised By :mohammad ahmed 07/08/2024

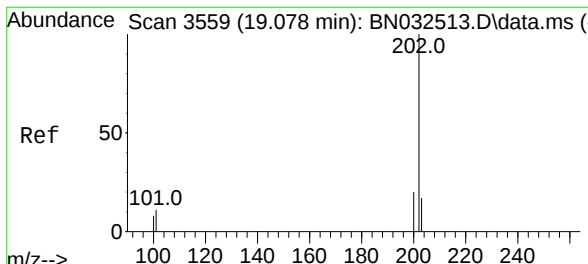


#16
Anthracene
Concen: 0.678 ng/ul
RT: 17.130 min Scan# 3110
Delta R.T. -0.013 min
Lab File: BN032524.D
Acq: 06 Jul 2024 00:56



Tgt Ion:178 Resp: 26656
Ion Ratio Lower Upper
178 100
179 17.9 12.5 18.7
176 19.1 15.0 22.6



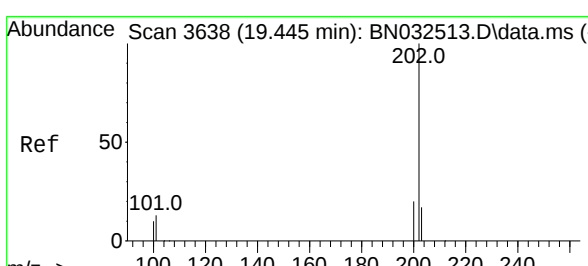
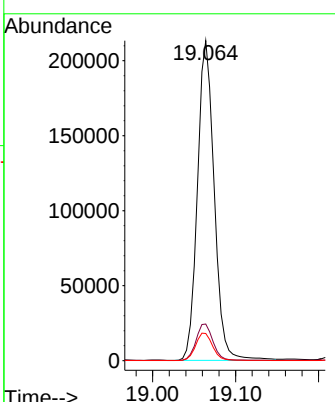
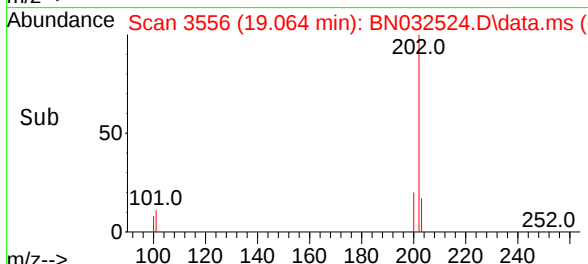
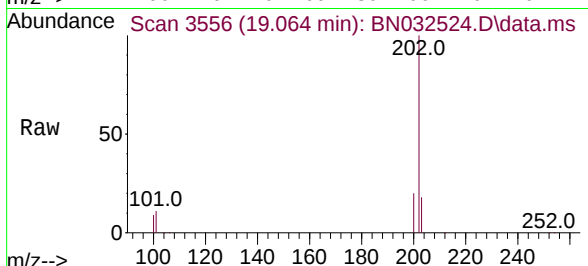


#19
 Fluoranthene
 Concen: 5.177 ng/ul
 RT: 19.064 min Scan# 30066
 Delta R.T. -0.009 min
 Lab File: BN032524.D
 Acq: 06 Jul 2024 00:56

Instrument : BNA_N
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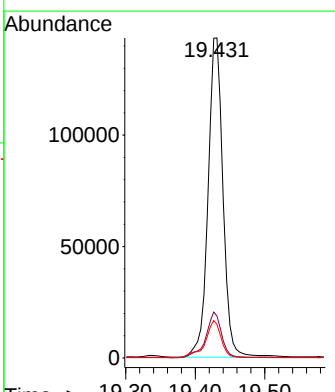
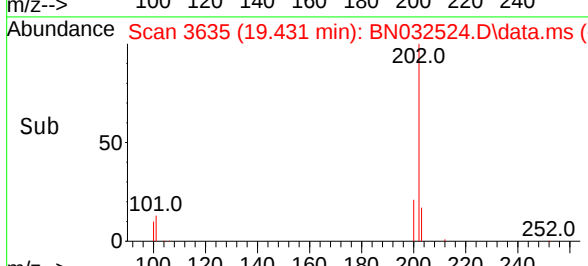
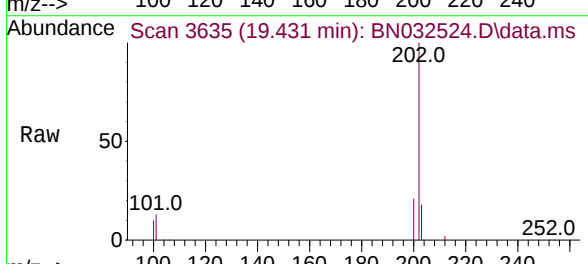
Tgt Ion:	202	Resp:	30066
Ion Ratio	Lower	Upper	
202	100		
101	11.4	8.8	13.2
100	8.5	6.4	9.6

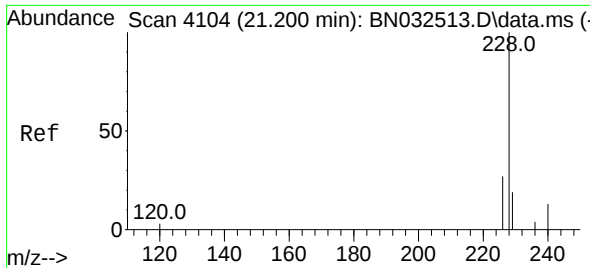
Manual Integrations
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 Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024



#20
 Pyrene
 Concen: 3.520 ng/ul
 RT: 19.431 min Scan# 3635
 Delta R.T. -0.009 min
 Lab File: BN032524.D
 Acq: 06 Jul 2024 00:56

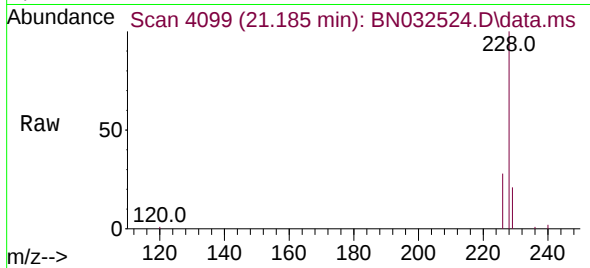
Tgt Ion:	202	Resp:	213639
Ion Ratio	Lower	Upper	
202	100		
101	13.1	11.0	16.4
100	10.5	8.7	13.1





#21
Benzo(a)anthracene
Concen: 2.478 ng/ul
RT: 21.185 min Scan# 4104
Delta R.T. -0.006 min
Lab File: BN032524.D
Acq: 06 Jul 2024 00:56

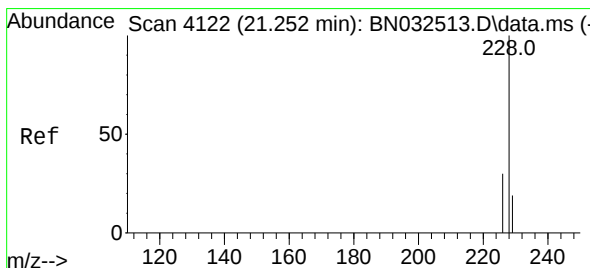
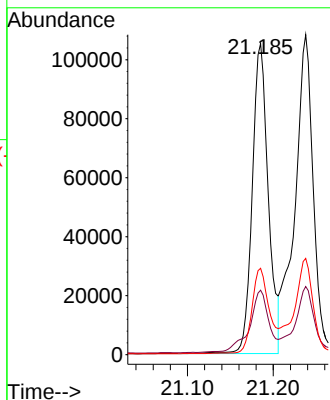
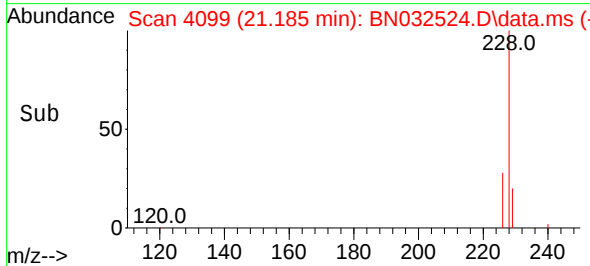
Instrument :
BNA_N
ClientSampleId :
A4CT5DL



Tgt Ion:228 Resp: 136414
Ion Ratio Lower Upper
228 100
229 20.7 15.7 23.5
226 27.8 21.8 32.8

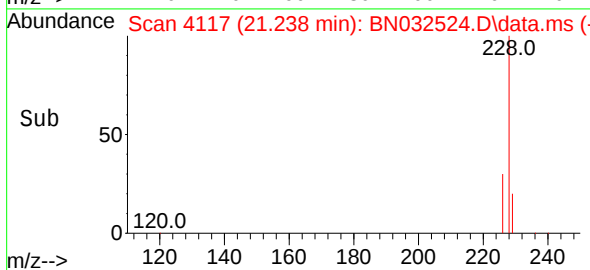
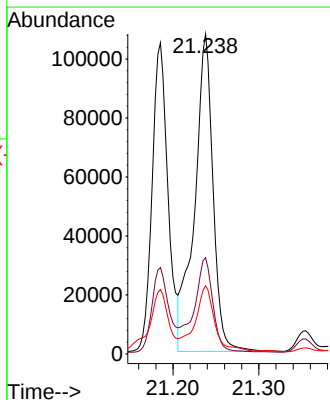
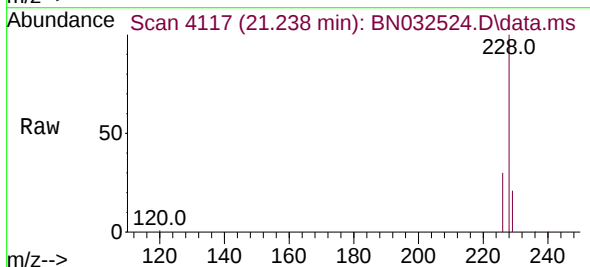
Manual Integrations
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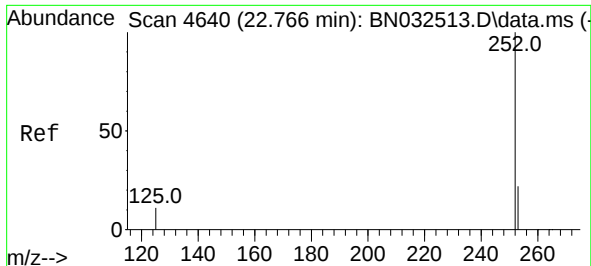
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#22
Chrysene
Concen: 2.665 ng/ul
RT: 21.238 min Scan# 4117
Delta R.T. -0.006 min
Lab File: BN032524.D
Acq: 06 Jul 2024 00:56

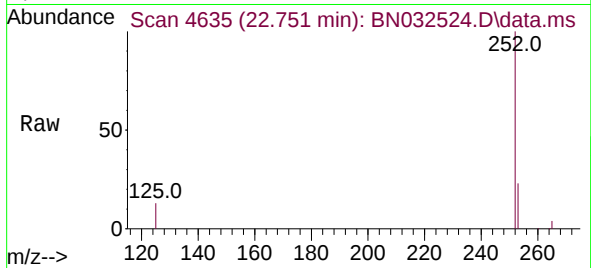
Tgt Ion:228 Resp: 161023
Ion Ratio Lower Upper
228 100
226 30.1 23.6 35.4
229 21.3 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 2.896 ng/ul m
RT: 22.751 min Scan# 4635
Delta R.T. -0.006 min
Lab File: BN032524.D
Acq: 06 Jul 2024 00:56

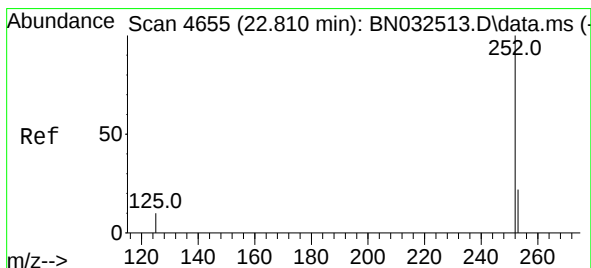
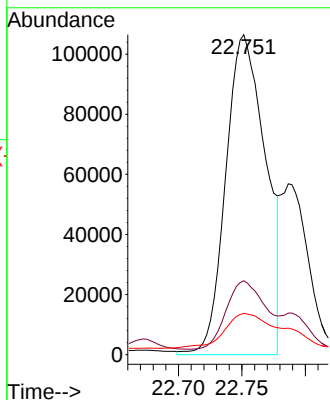
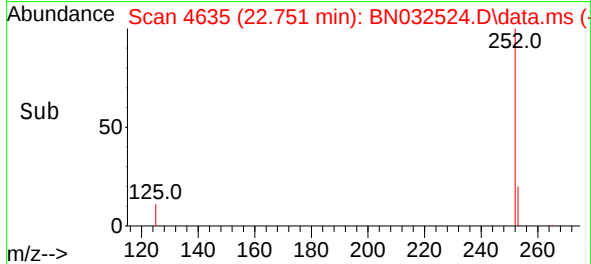
Instrument :
BNA_N
ClientSampleId :
A4CT5DL



Tgt Ion:252 Resp: 23188
Ion Ratio Lower Upper
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253 23.1 0.0 50.2
125 12.9 0.0 32.0

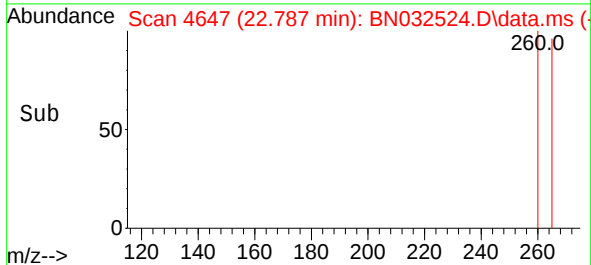
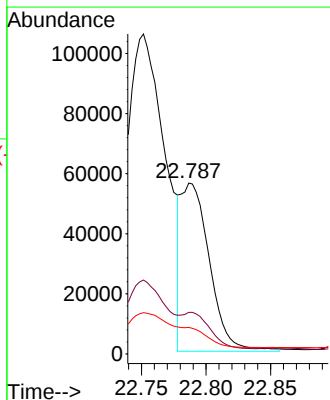
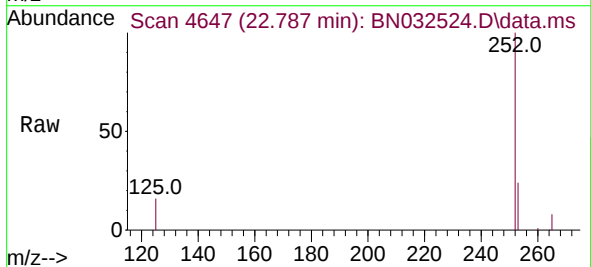
Manual Integrations
APPROVED

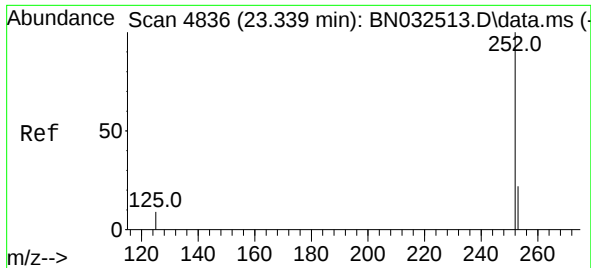
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#25
Benzo(k)fluoranthene
Concen: 1.103 ng/ul m
RT: 22.787 min Scan# 4647
Delta R.T. -0.015 min
Lab File: BN032524.D
Acq: 06 Jul 2024 00:56

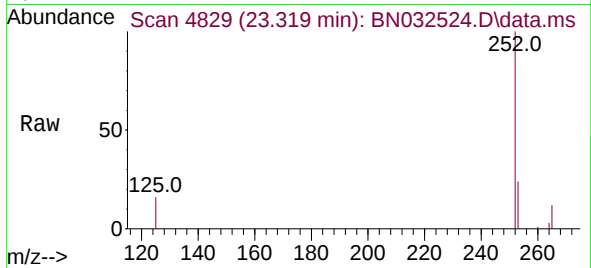
Tgt Ion:252 Resp: 85856
Ion Ratio Lower Upper
252 100
253 24.4 20.3 30.5
125 15.5 12.8 19.2





#26
Benzo(a)pyrene
Concen: 1.504 ng/ul
RT: 23.319 min Scan# 4829
Delta R.T. -0.009 min
Lab File: BN032524.D
Acq: 06 Jul 2024 00:56

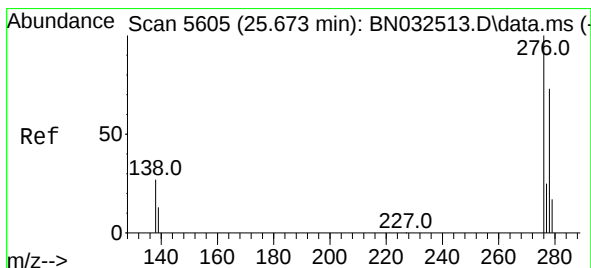
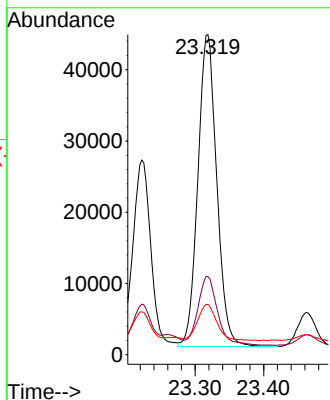
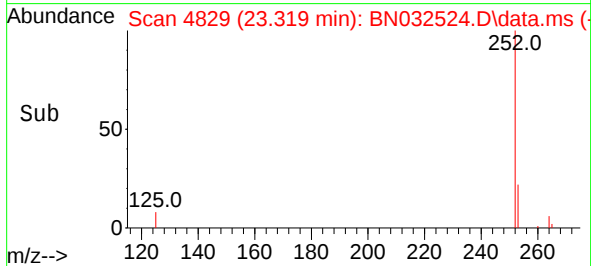
Instrument :
BNA_N
ClientSampleId :
A4CT5DL



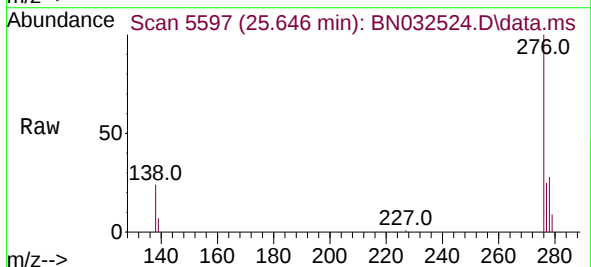
Tgt Ion:252 Resp: 8379
Ion Ratio Lower Upper
252 100
253 24.4 22.2 33.2
125 15.7 16.4 24.6

Manual Integrations
APPROVED

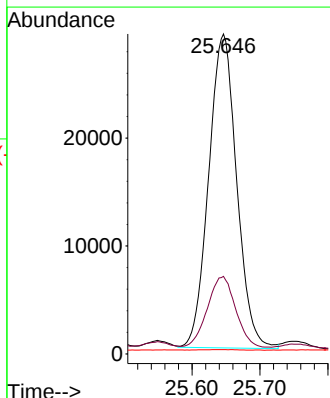
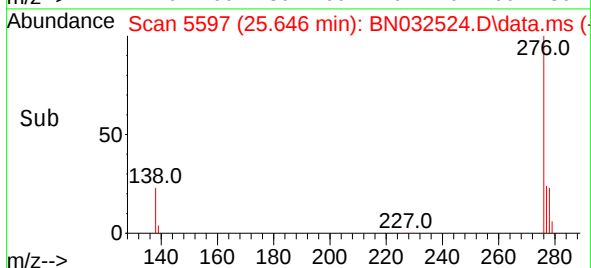
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

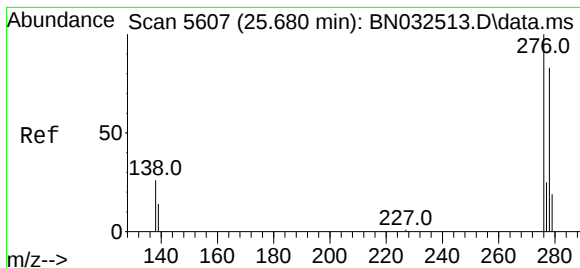


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.955 ng/ul
RT: 25.646 min Scan# 5597
Delta R.T. -0.013 min
Lab File: BN032524.D
Acq: 06 Jul 2024 00:56



Tgt Ion:276 Resp: 83321
Ion Ratio Lower Upper
276 100
138 23.0 21.3 31.9
227 0.2 0.1 0.1





#28

Dibenzo(a,h)anthracene

Concen: 0.421 ng/ul

RT: 25.643 min Scan# 5596

Delta R.T. -0.023 min

Lab File: BN032524.D

Acq: 06 Jul 2024 00:56

Instrument :

BNA_N

ClientSampleId :

A4CT5DL

Tgt Ion:278 Resp: 27314

Ion Ratio Lower Upper

278 100

139 24.6 15.9 23.9

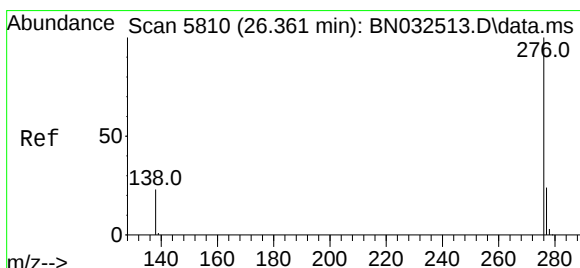
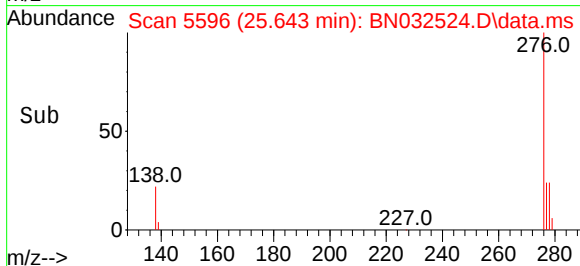
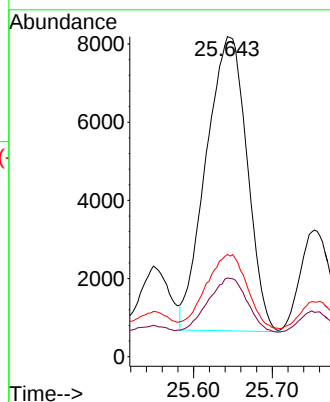
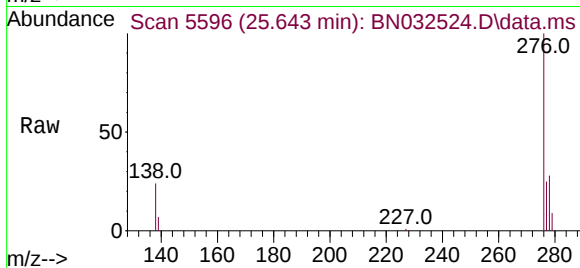
279 31.9 21.1 31.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#29

Benzo(g,h,i)perylene

Concen: 0.173 ng/ul

RT: 26.334 min Scan# 5802

Delta R.T. -0.010 min

Lab File: BN032524.D

Acq: 06 Jul 2024 00:56

Tgt Ion:276 Resp: 12038

Ion Ratio Lower Upper

276 100

138 33.3 19.8 29.6

277 33.4 19.8 29.6

