

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032463.D
 Acq On : 04 Jul 2024 07:58
 Operator : MA/JU
 Sample : P2963-06DL 5X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CQ7DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

Quant Time: Jul 04 08:24:45 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	7.599	152	6395	0.400	ng/ul	0.00
4) Naphthalene-d8	10.375	136	18543	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.247	164	10046	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.002	188	18938	0.400	ng/ul	0.00
17) Chrysene-d12	21.204	240	15994	0.400	ng/ul	# 0.00
23) Perylene-d12	23.420	264	19541	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.144	96	6468	0.910	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.975	152	1611	0.058	ng/ul	0.00
18) Fluoranthene-d10	19.035	212	3307	0.069	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.425	128	17951	0.366	ng/ul	99
7) 2-Methylnaphthalene	12.047	142	7348	0.226	ng/ul	98
8) 1-Methylnaphthalene	12.267	142	5068	0.150	ng/ul	99
10) Acenaphthylene	13.965	152	26147	0.626	ng/ul	99
11) Acenaphthene	14.307	153	15218	0.469	ng/ul	98
12) Fluorene	15.302	166	16311	0.422	ng/ul	99
14) Pentachlorophenol	16.677	266	156	0.036	ng/ul	92
15) Phenanthrene	17.040	178	308850	5.949	ng/ul	99
16) Anthracene	17.133	178	70261	1.517	ng/ul	99
19) Fluoranthene	19.067	202	502506	8.251	ng/ul	98
20) Pyrene	19.435	202	371436	5.836	ng/ul	98
21) Benzo(a)anthracene	21.187	228	240864	4.172	ng/ul	97
22) Chrysene	21.239	228	259983	4.103	ng/ul	97
24) Benzo(b)fluoranthene	22.759	252	357611m	4.212	ng/ul	
25) Benzo(k)fluoranthene	22.794	252	133318m	1.616	ng/ul	
26) Benzo(a)pyrene	23.323	252	141625	2.398	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.648	276	142648	1.542	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.652	278	48910	0.712	ng/ul#	89
29) Benzo(g,h,i)perylene	26.339	276	21327	0.289	ng/ul#	83

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

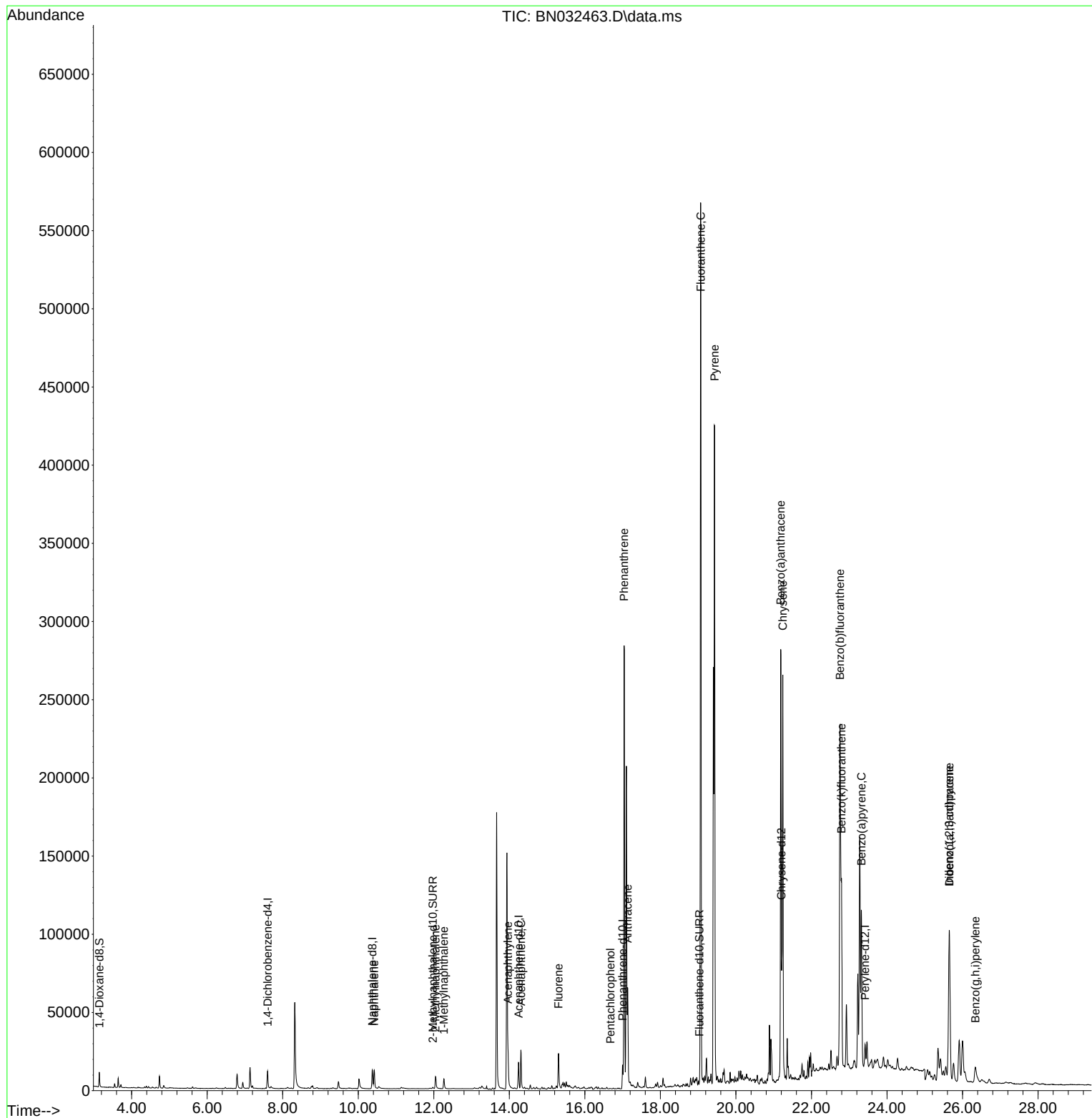
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032463.D
Acq On : 04 Jul 2024 07:58
Operator : MA/JU
Sample : P2963-06DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

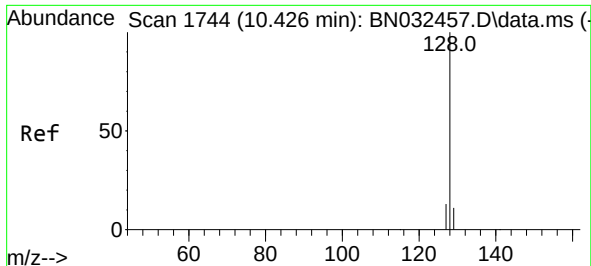
Instrument :
BNA_N
ClientSampleId :
A4CQ7DL

Quant Time: Jul 04 08:24:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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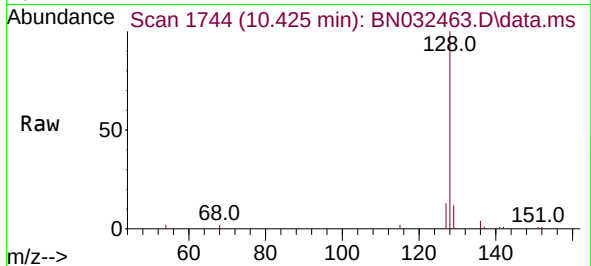
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024





#5
Naphthalene
Concen: 0.366 ng/u1
RT: 10.425 min Scan# 11
Delta R.T. -0.007 min
Lab File: BN032463.D
Acq: 04 Jul 2024 07:58

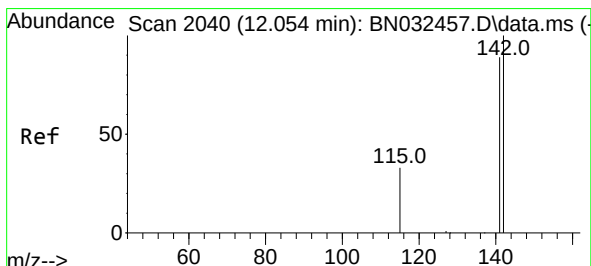
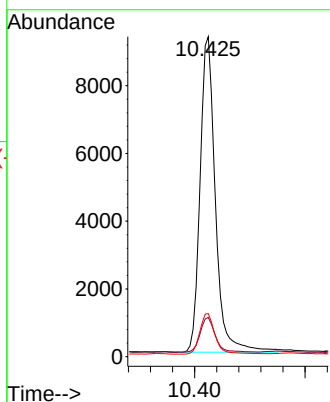
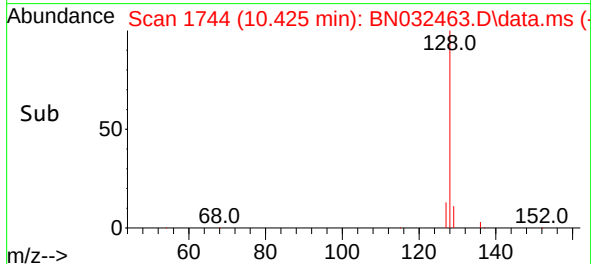
Instrument :
BNA_N
ClientSampleId :
A4CQ7DL



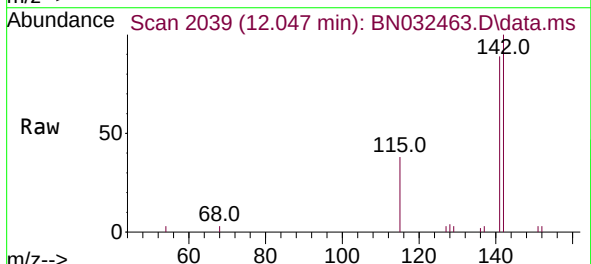
Tgt Ion:128 Resp: 1795
Ion Ratio Lower Upper
128 100
129 12.2 9.2 13.8
127 13.4 10.8 16.2

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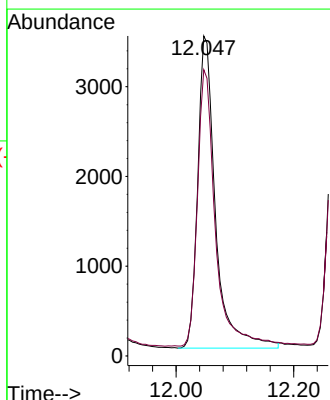
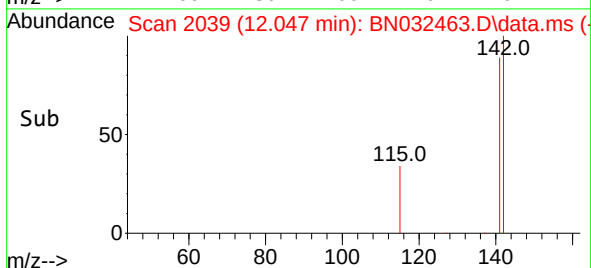
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

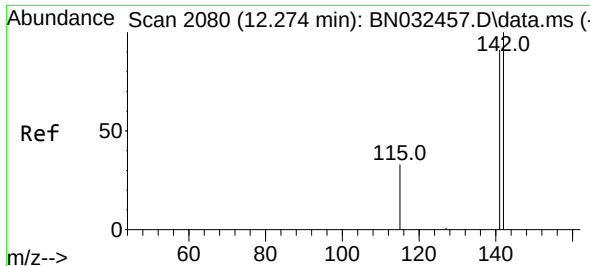


#7
2-Methylnaphthalene
Concen: 0.226 ng/u1
RT: 12.047 min Scan# 2039
Delta R.T. -0.007 min
Lab File: BN032463.D
Acq: 04 Jul 2024 07:58



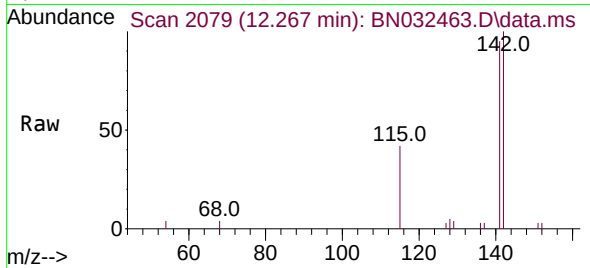
Tgt Ion:142 Resp: 7348
Ion Ratio Lower Upper
142 100
141 88.7 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.150 ng/ul
RT: 12.267 min Scan# 2080
Delta R.T. -0.007 min
Lab File: BN032463.D
Acq: 04 Jul 2024 07:58

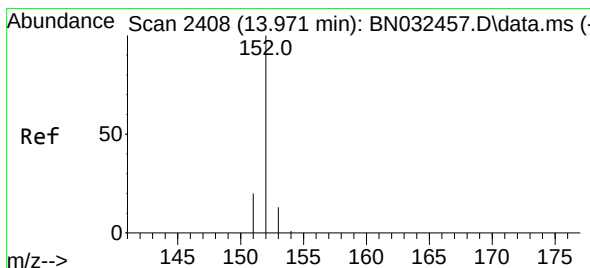
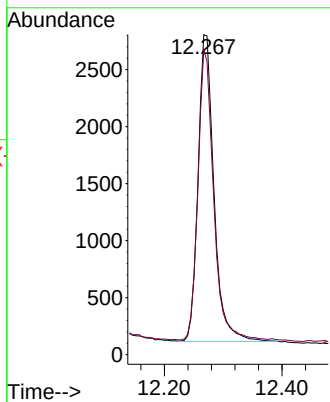
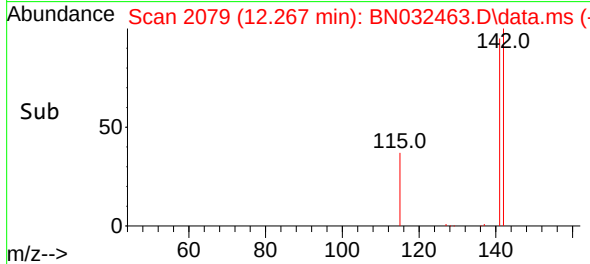
Instrument :
BNA_N
ClientSampleId :
A4CQ7DL



Tgt Ion:142 Resp: 5068
Ion Ratio Lower Upper
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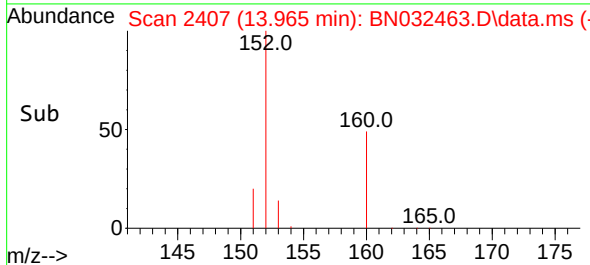
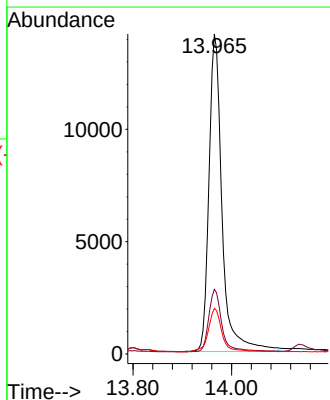
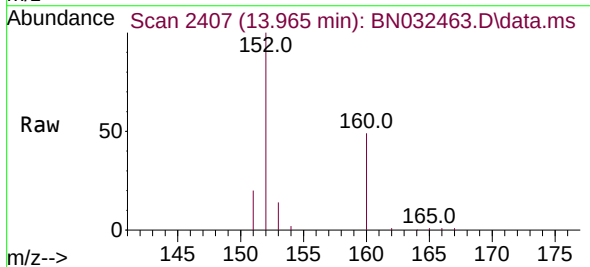
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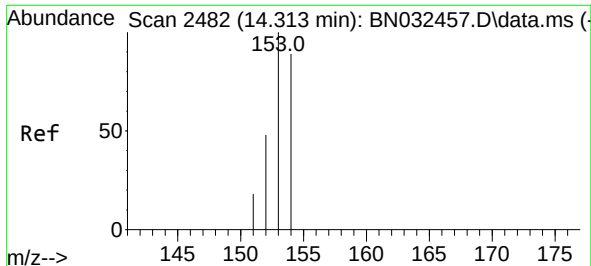
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#10
Acenaphthylene
Concen: 0.626 ng/ul
RT: 13.965 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BN032463.D
Acq: 04 Jul 2024 07:58

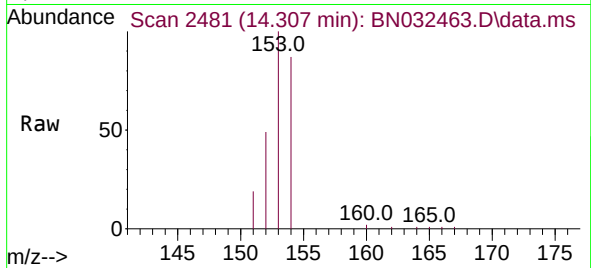
Tgt Ion:152 Resp: 26147
Ion Ratio Lower Upper
152 100
151 20.2 15.7 23.5
153 14.3 10.9 16.3





#11
Acenaphthene
Concen: 0.469 ng/ul
RT: 14.307 min Scan# 2481
Delta R.T. -0.006 min
Lab File: BN032463.D
Acq: 04 Jul 2024 07:58

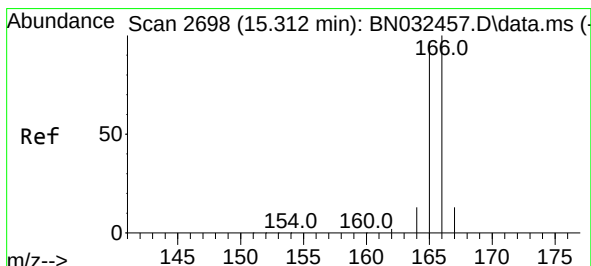
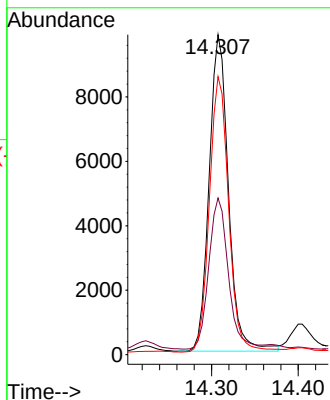
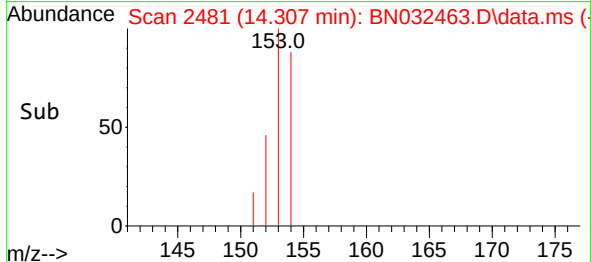
Instrument :
BNA_N
ClientSampleId :
A4CQ7DL



Tgt Ion:153 Resp: 15218
Ion Ratio Lower Upper
153 100
152 49.0 39.5 59.3
154 86.9 71.7 107.5

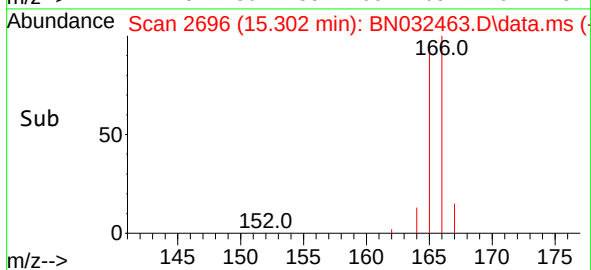
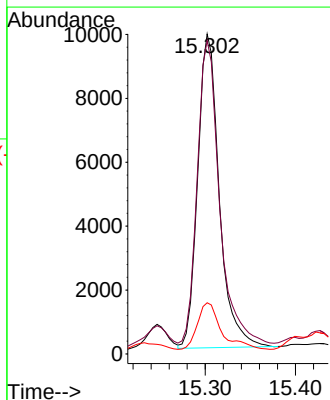
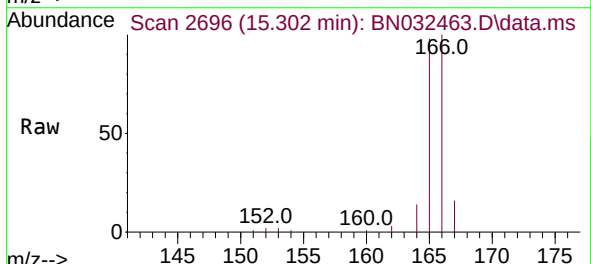
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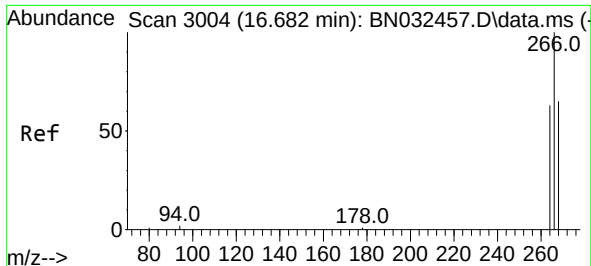
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#12
Fluorene
Concen: 0.422 ng/ul
RT: 15.302 min Scan# 2696
Delta R.T. -0.010 min
Lab File: BN032463.D
Acq: 04 Jul 2024 07:58

Tgt Ion:166 Resp: 16311
Ion Ratio Lower Upper
166 100
165 97.9 79.0 118.6
167 16.0 11.0 16.6





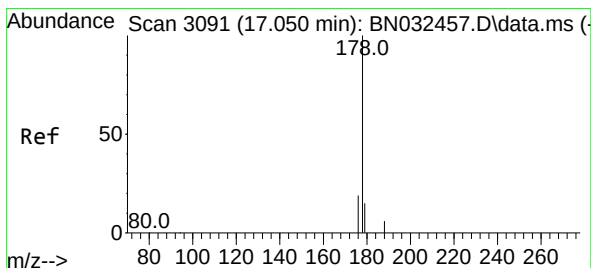
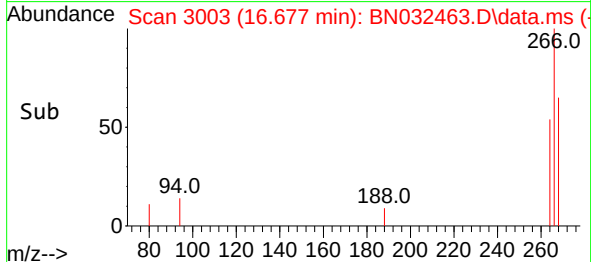
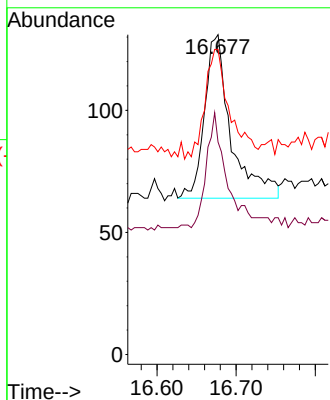
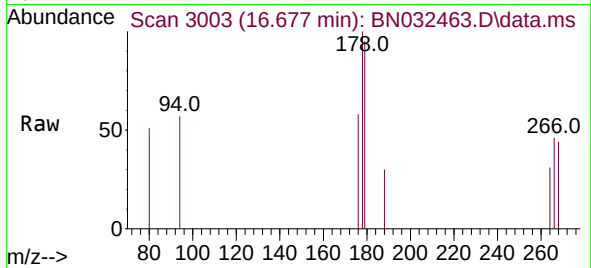
#14
Pentachlorophenol
Concen: 0.036 ng/ul
RT: 16.677 min Scan# 3003
Delta R.T. 0.003 min
Lab File: BN032463.D
Acq: 04 Jul 2024 07:58

Instrument :
BNA_N
ClientSampleId :
A4CQ7DL

Tgt Ion:266 Resp: 150
Ion Ratio Lower Upper
266 100
264 57.1 49.9 74.9
268 59.0 52.4 78.6

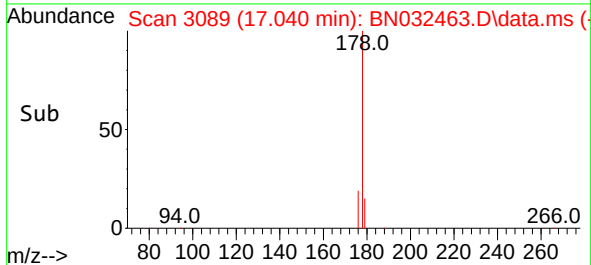
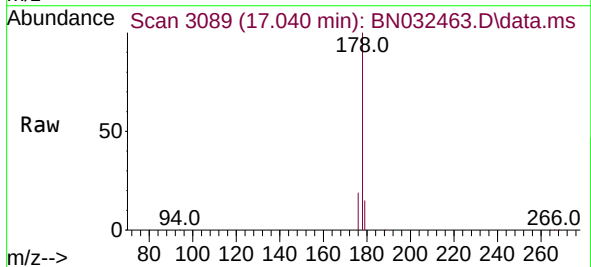
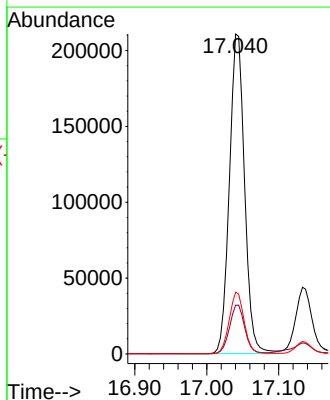
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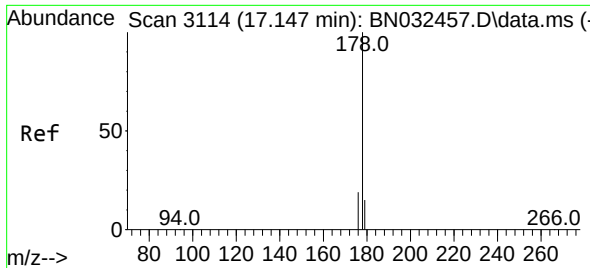
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#15
Phenanthrene
Concen: 5.949 ng/ul
RT: 17.040 min Scan# 3089
Delta R.T. -0.010 min
Lab File: BN032463.D
Acq: 04 Jul 2024 07:58

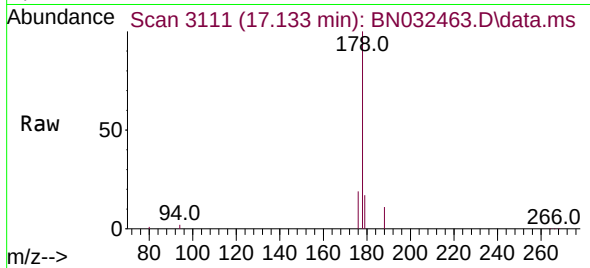
Tgt Ion:178 Resp: 308850
Ion Ratio Lower Upper
178 100
179 15.2 12.6 18.8
176 19.3 15.6 23.4





#16
 Anthracene
 Concen: 1.517 ng/ul
 RT: 17.133 min Scan# 3114
 Delta R.T. -0.010 min
 Lab File: BN032463.D
 Acq: 04 Jul 2024 07:58

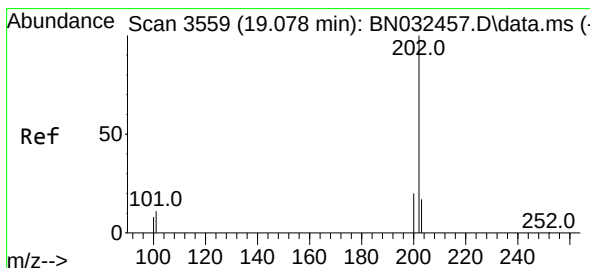
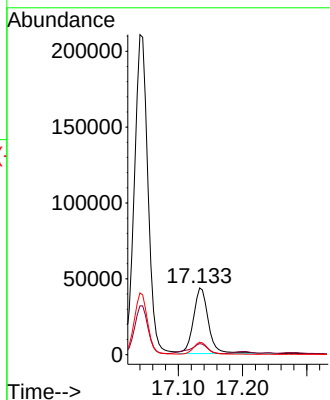
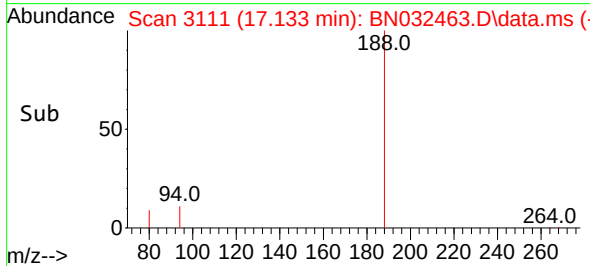
Instrument :
 BNA_N
 ClientSampleId :
 A4CQ7DL



Tgt Ion:178 Resp: 70263
 Ion Ratio Lower Upper
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 179 16.6 12.5 18.7
 176 18.7 15.0 22.6

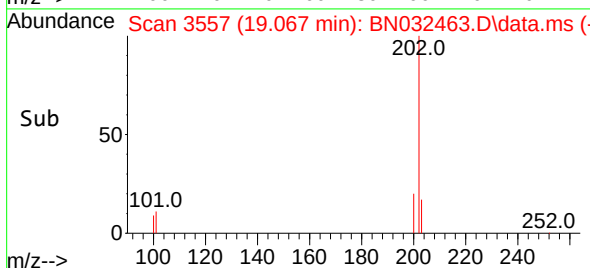
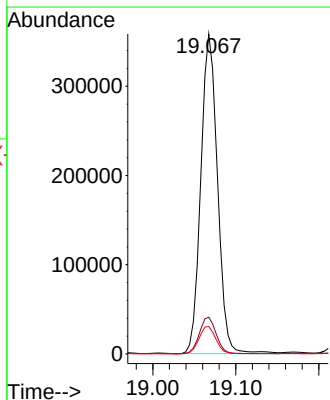
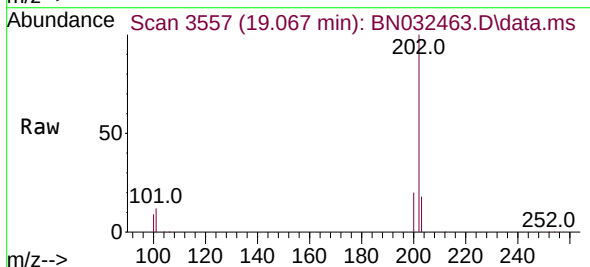
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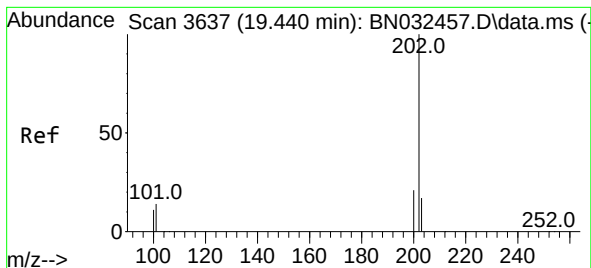
Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024



#19
 Fluoranthene
 Concen: 8.251 ng/ul
 RT: 19.067 min Scan# 3557
 Delta R.T. -0.006 min
 Lab File: BN032463.D
 Acq: 04 Jul 2024 07:58

Tgt Ion:202 Resp: 502506
 Ion Ratio Lower Upper
 202 100
 101 11.5 8.8 13.2
 100 8.6 6.4 9.6





#20

Pyrene

Concen: 5.836 ng/ul

RT: 19.435 min Scan# 3

Delta R.T. -0.006 min

Lab File: BN032463.D

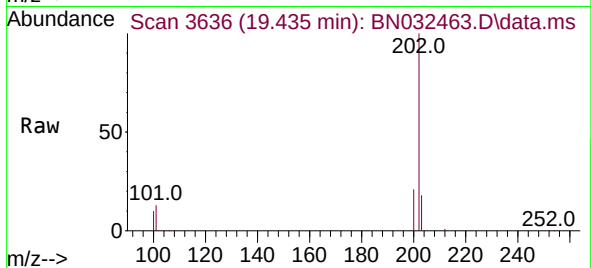
Acq: 04 Jul 2024 07:58

Instrument :

BNA_N

ClientSampleId :

A4CQ7DL



Tgt Ion:202 Resp: 371430

Ion Ratio Lower Upper

202 100

101 12.7 11.0 16.4

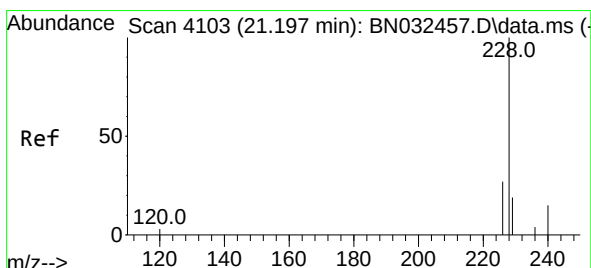
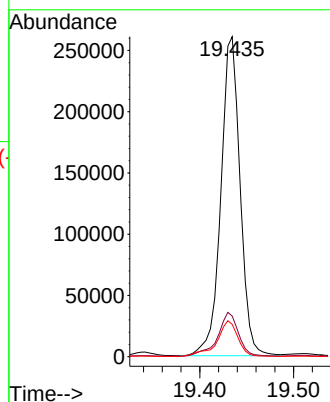
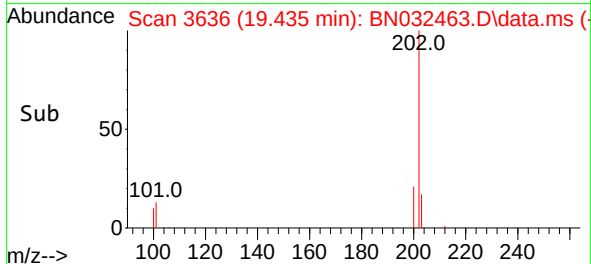
100 10.1 8.7 13.1

Manual Integrations

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Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#21

Benzo(a)anthracene

Concen: 4.172 ng/ul

RT: 21.187 min Scan# 4100

Delta R.T. -0.004 min

Lab File: BN032463.D

Acq: 04 Jul 2024 07:58

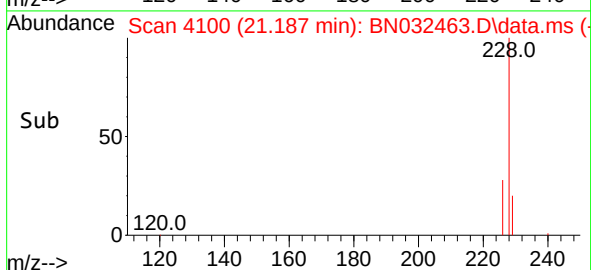
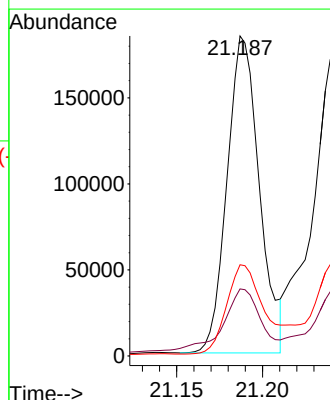
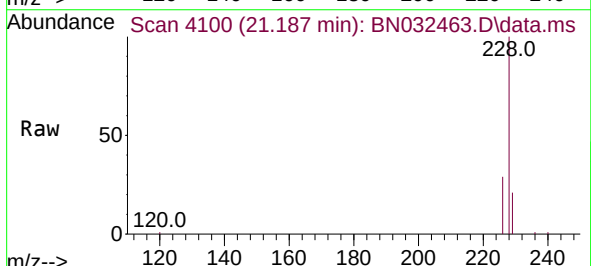
Tgt Ion:228 Resp: 240864

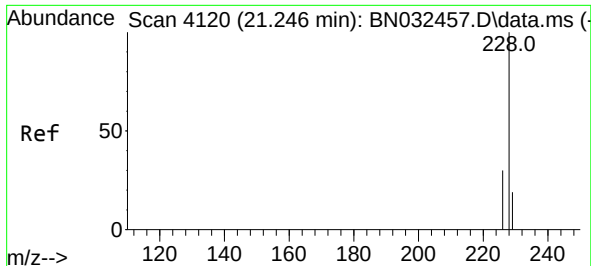
Ion Ratio Lower Upper

228 100

229 20.9 15.7 23.5

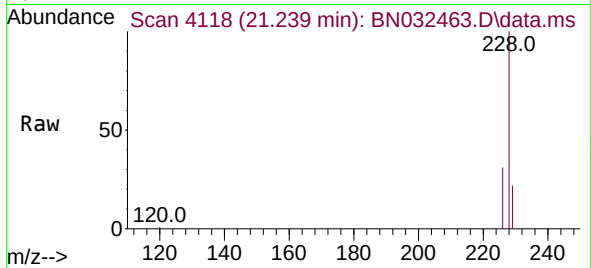
226 28.5 21.8 32.8





#22
Chrysene
Concen: 4.103 ng/ul
RT: 21.239 min Scan# 4118
Delta R.T. -0.004 min
Lab File: BN032463.D
Acq: 04 Jul 2024 07:58

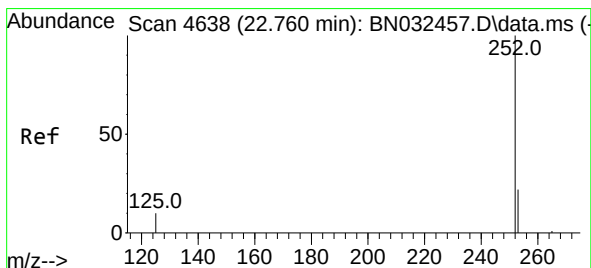
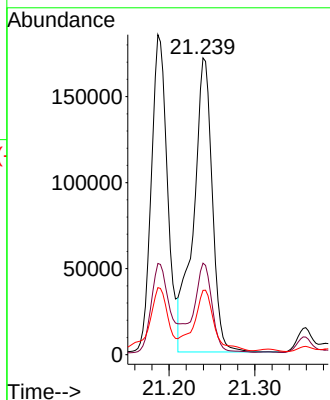
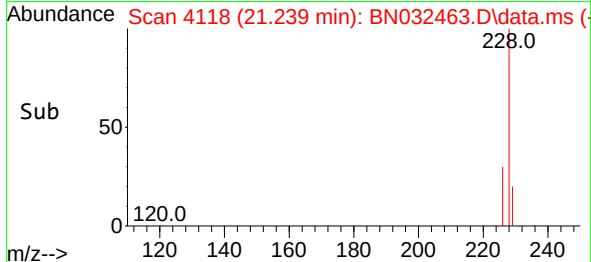
Instrument :
BNA_N
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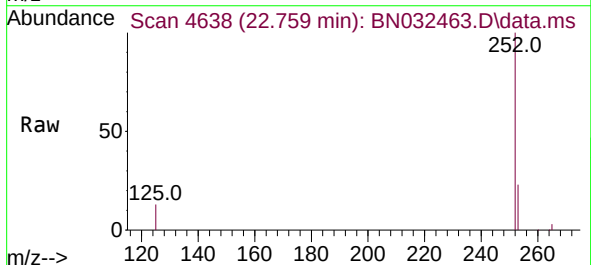
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Ion Ratio Lower Upper
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226 30.8 23.6 35.4
229 21.7 15.7 23.5

Manual Integrations
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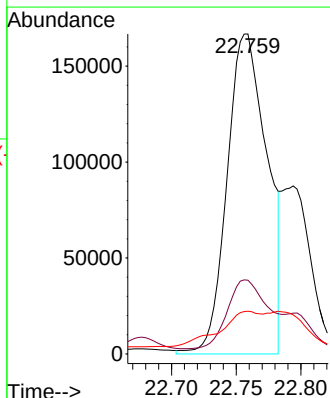
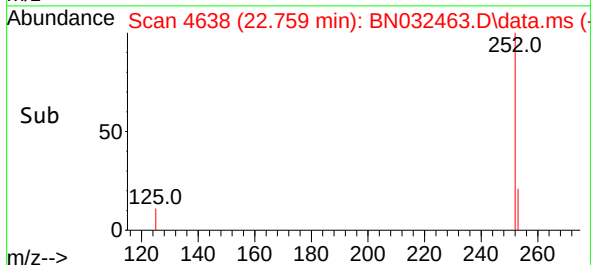
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

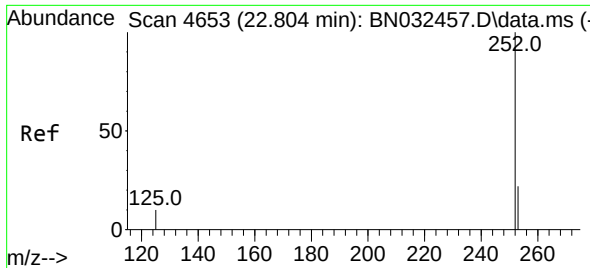


#24
Benzo(b)fluoranthene
Concen: 4.212 ng/ul m
RT: 22.759 min Scan# 4638
Delta R.T. 0.002 min
Lab File: BN032463.D
Acq: 04 Jul 2024 07:58



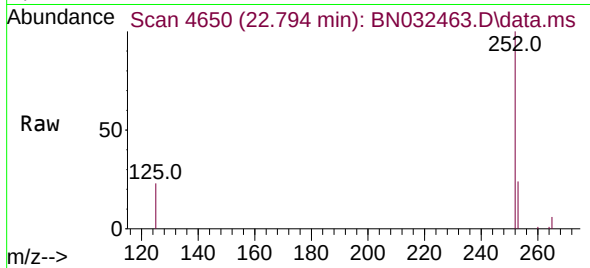
Tgt Ion:252 Resp: 357611
Ion Ratio Lower Upper
252 100
253 23.1 0.0 50.2
125 13.4 0.0 32.0





#25
Benzo(k)fluoranthene
Concen: 1.616 ng/ul m
RT: 22.794 min Scan# 4650
Delta R.T. -0.007 min
Lab File: BN032463.D
Acq: 04 Jul 2024 07:58

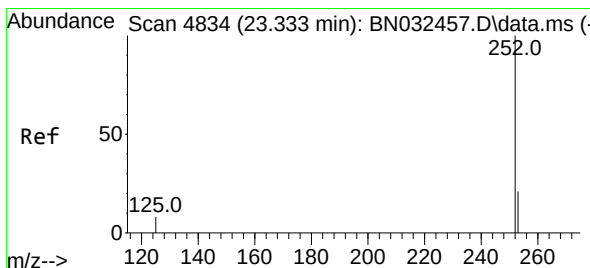
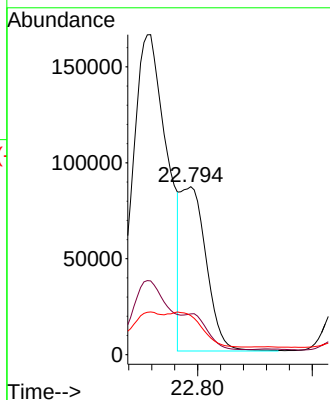
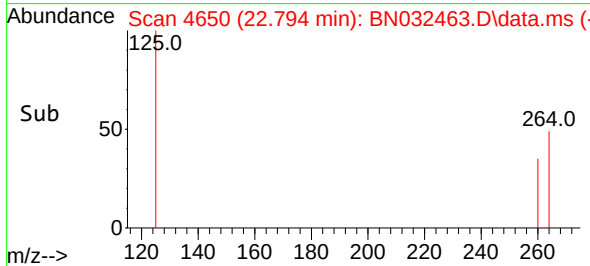
Instrument :
BNA_N
ClientSampleId :
A4CQ7DL



Tgt Ion:252 Resp: 133318
Ion Ratio Lower Upper
252 100
253 24.3 20.3 30.5
125 23.3 12.8 19.2

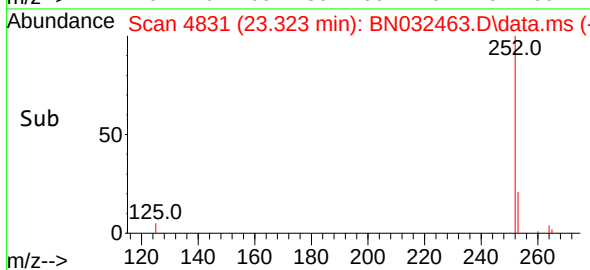
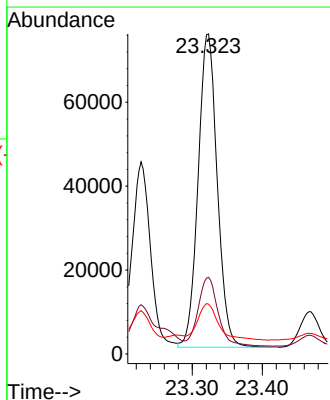
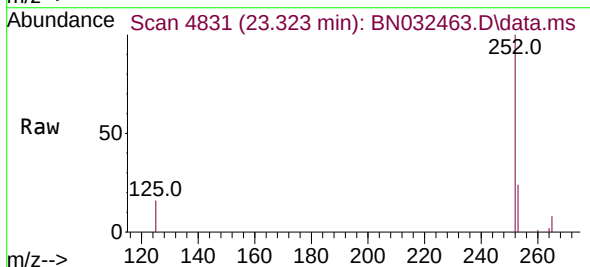
Manual Integrations
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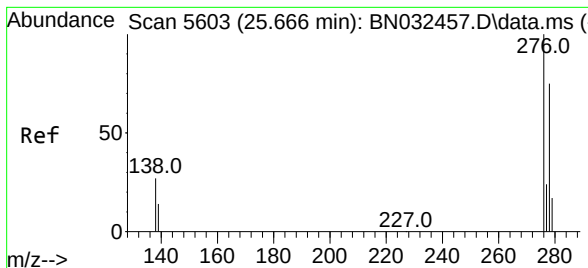
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#26
Benzo(a)pyrene
Concen: 2.398 ng/ul
RT: 23.323 min Scan# 4831
Delta R.T. -0.004 min
Lab File: BN032463.D
Acq: 04 Jul 2024 07:58

Tgt Ion:252 Resp: 141625
Ion Ratio Lower Upper
252 100
253 24.0 22.2 33.2
125 15.6 16.4 24.6





#27

Indeno(1,2,3-cd)pyrene

Concen: 1.542 ng/ul

RT: 25.648 min Scan# 5598

Delta R.T. -0.011 min

Lab File: BN032463.D

Acq: 04 Jul 2024 07:58

Instrument :

BNA_N

ClientSampleId :

A4CQ7DL

Tgt Ion:276 Resp: 142648

Ion Ratio Lower Upper

276 100

138 23.7 21.3 31.9

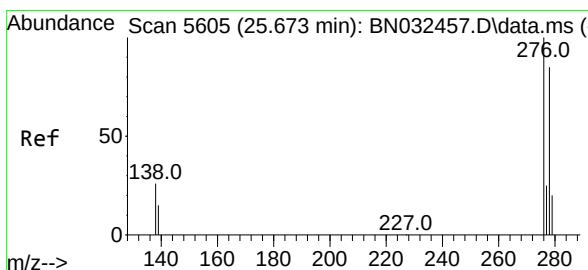
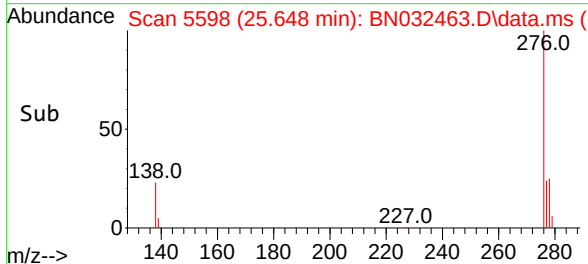
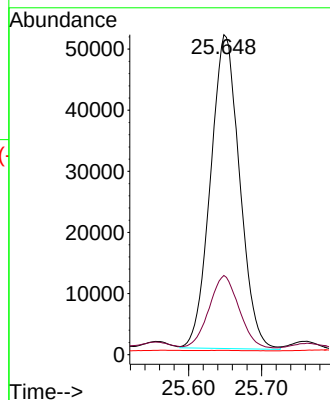
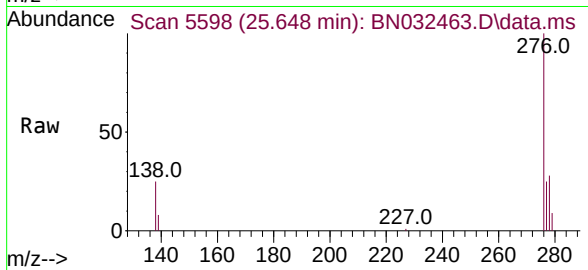
227 0.2 0.1 0.1

Manual Integrations

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Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#28

Dibenzo(a,h)anthracene

Concen: 0.712 ng/ul

RT: 25.652 min Scan# 5599

Delta R.T. -0.015 min

Lab File: BN032463.D

Acq: 04 Jul 2024 07:58

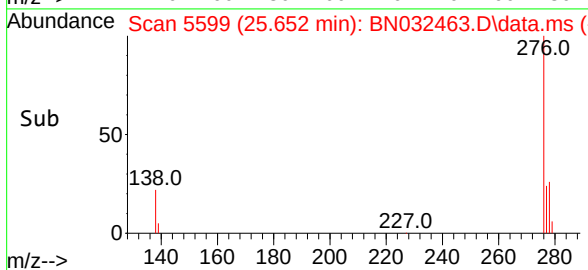
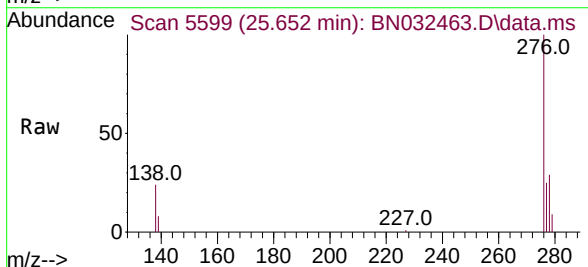
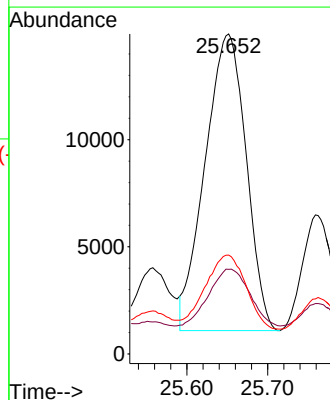
Tgt Ion:278 Resp: 48910

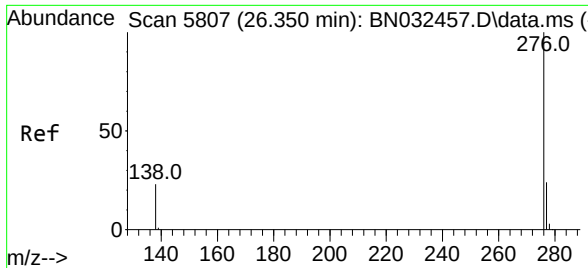
Ion Ratio Lower Upper

278 100

139 26.5 15.9 23.9#

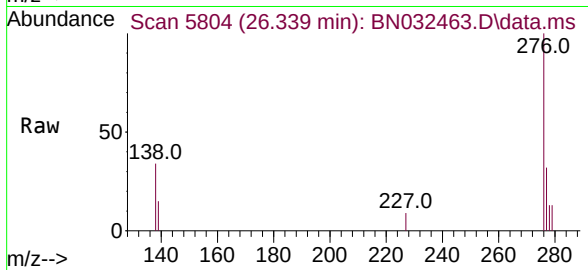
279 30.9 21.1 31.7





#29
Benzo(g,h,i)perylene
Concen: 0.289 ng/ul
RT: 26.339 min Scan# 5804
Delta R.T. -0.005 min
Lab File: BN032463.D
Acq: 04 Jul 2024 07:58

Instrument :
BNA_N
ClientSampleId :
A4CQ7DL



Tgt Ion:276 Resp: 2132
Ion Ratio Lower Upper
276 100
138 33.6 19.8 29.6
277 32.4 19.8 29.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

