

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
 Data File : BN032853.D
 Acq On : 19 Jul 2024 22:26
 Operator : MA/JU
 Sample : P3178-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BT0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/20/2024
 Supervised By :mohammad ahmed 07/22/2024

Quant Time: Jul 19 23:21:02 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	7.527	152	3709	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.299	136	11357	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.179	164	6056	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.940	188	10633m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.159	240	8971m	0.400	ng/ul	-0.01
23) Perylene-d12	23.348	264	9787m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.089	96	13010	2.921	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.905	152	3448	0.201	ng/ul	-0.03
18) Fluoranthene-d10	18.985	212	6317	0.216	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.349	128	2207	0.072	ng/ul#	89
7) 2-Methylnaphthalene	11.982	142	614	0.032	ng/ul	95
8) 1-Methylnaphthalene	12.202	142	404	0.021	ng/ul	98
10) Acenaphthylene	13.901	152	990	0.040	ng/ul#	71
11) Acenaphthene	14.244	153	2310	0.114	ng/ul	99
12) Fluorene	15.238	166	2196	0.095	ng/ul#	97
15) Phenanthrene	16.982	178	27160m	0.938	ng/ul	
16) Anthracene	17.075	178	6419m	0.271	ng/ul	
19) Fluoranthene	19.013	202	40890	1.121	ng/ul	99
20) Pyrene	19.380	202	36029	0.954	ng/ul	99
21) Benzo(a)anthracene	21.141	228	19907m	0.697	ng/ul	
22) Chrysene	21.194	228	15771	0.382	ng/ul	95
24) Benzo(b)fluoranthene	22.693	252	24542m	0.711	ng/ul	
25) Benzo(k)fluoranthene	22.728	252	8189m	0.195	ng/ul	
26) Benzo(a)pyrene	23.248	252	16756	0.561	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.559	276	11668	0.288	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.556	278	2742	0.087	ng/ul#	15
29) Benzo(g,h,i)perylene	26.243	276	11517	0.341	ng/ul#	89

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

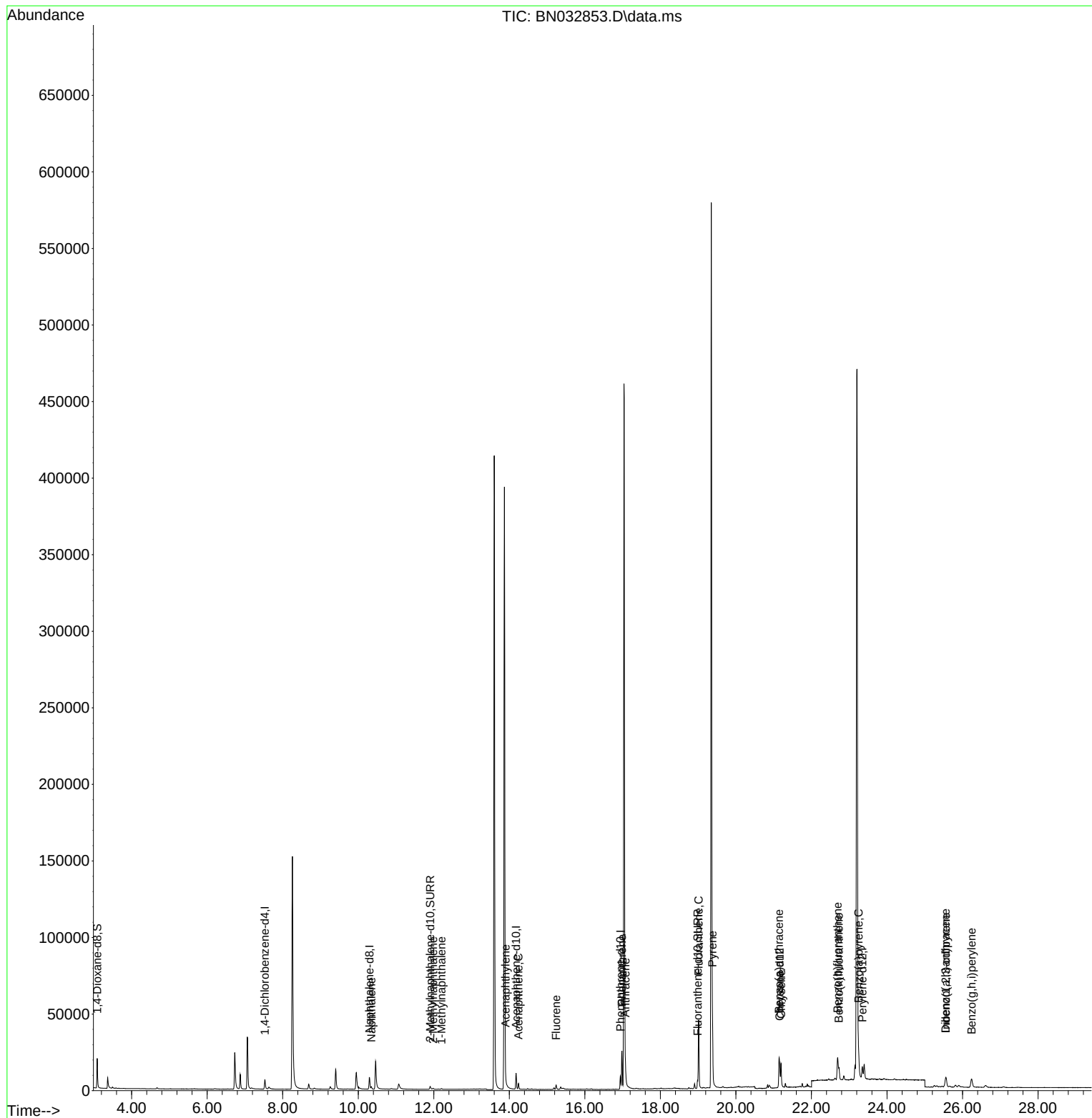
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032853.D
Acq On : 19 Jul 2024 22:26
Operator : MA/JU
Sample : P3178-05
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ALS Vial : 16 Sample Multiplier: 1

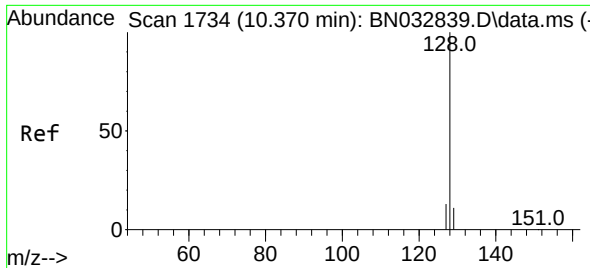
Instrument :
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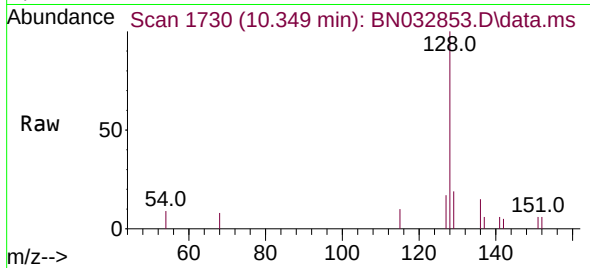
Quant Time: Jul 19 23:21:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.072 ng/ul
RT: 10.349 min Scan# 11
Delta R.T. -0.022 min
Lab File: BN032853.D
Acq: 19 Jul 2024 22:26

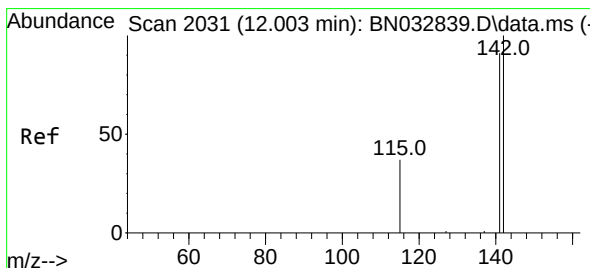
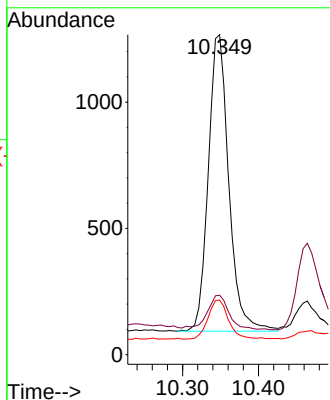
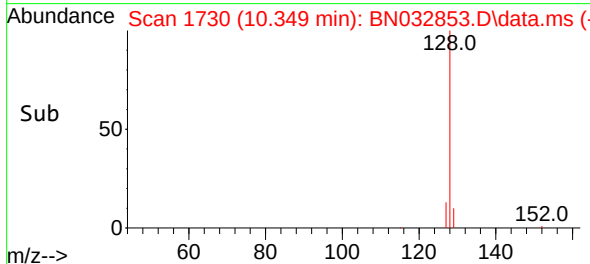
Instrument :
BNA_N
ClientSampleId :
A4BT0



Tgt Ion:128 Resp: 220
Ion Ratio Lower Upper
128 100
129 18.6 10.0 15.0
127 17.0 11.6 17.4

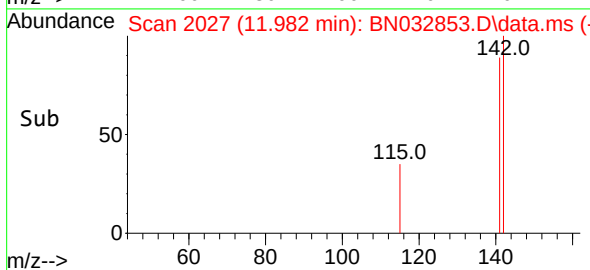
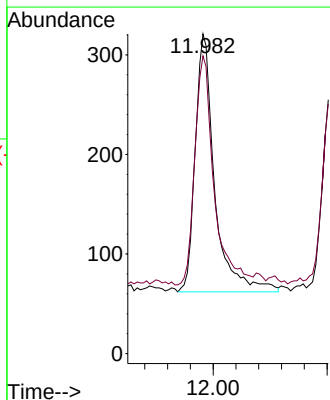
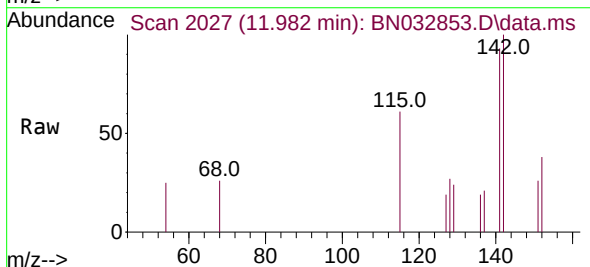
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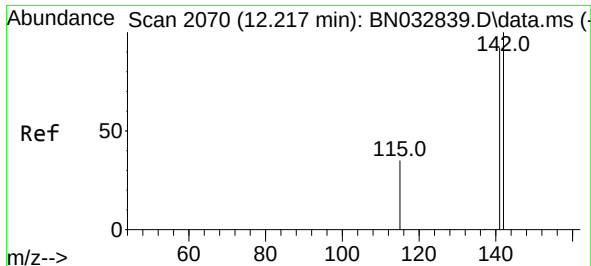
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#7
2-Methylnaphthalene
Concen: 0.032 ng/ul
RT: 11.982 min Scan# 2027
Delta R.T. -0.022 min
Lab File: BN032853.D
Acq: 19 Jul 2024 22:26

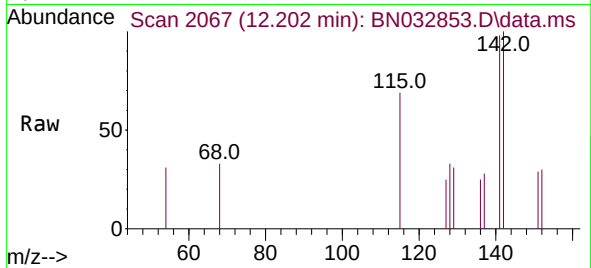
Tgt Ion:142 Resp: 614
Ion Ratio Lower Upper
142 100
141 87.6 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.021 ng/u1
RT: 12.202 min Scan# 2067
Delta R.T. -0.017 min
Lab File: BN032853.D
Acq: 19 Jul 2024 22:26

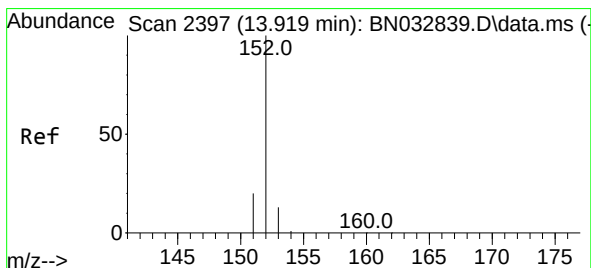
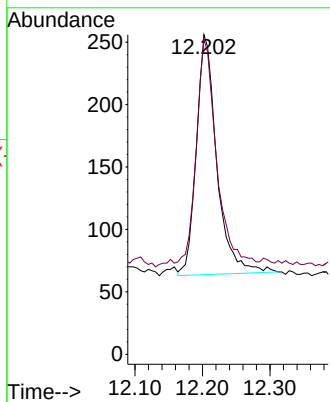
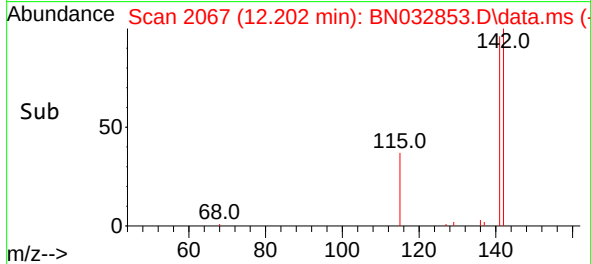
Instrument :
BNA_N
ClientSampleId :
A4BT0



Tgt Ion:142 Resp: 404
Ion Ratio Lower Upper
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141 92.1 75.0 112.4

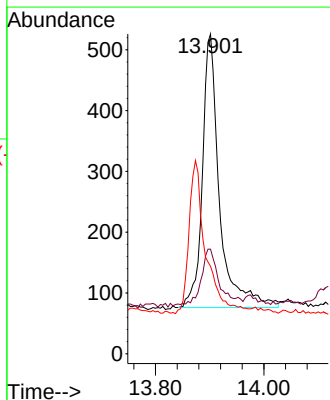
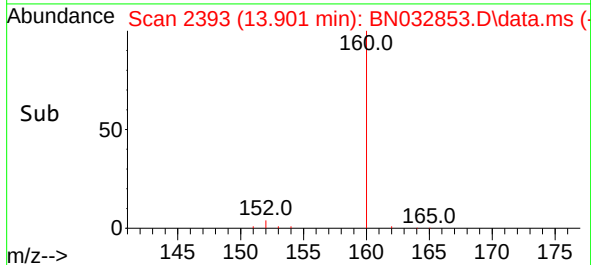
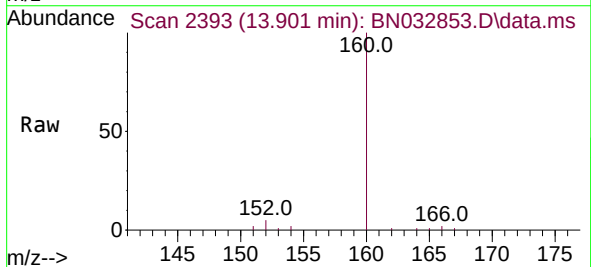
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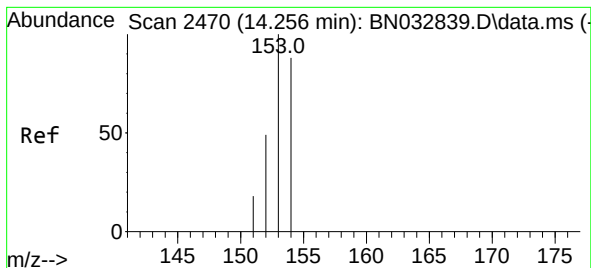
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#10
Acenaphthylene
Concen: 0.040 ng/u1
RT: 13.901 min Scan# 2393
Delta R.T. -0.019 min
Lab File: BN032853.D
Acq: 19 Jul 2024 22:26

Tgt Ion:152 Resp: 990
Ion Ratio Lower Upper
152 100
151 32.7 16.3 24.5#
153 27.4 11.3 16.9#





#11

Acenaphthene

Concen: 0.114 ng/ul

RT: 14.244 min Scan# 2470

Delta R.T. -0.014 min

Lab File: BN032853.D

Acq: 19 Jul 2024 22:26

Instrument :

BNA_N

ClientSampleId :

A4BT0

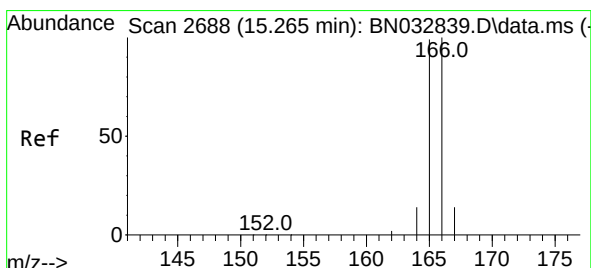
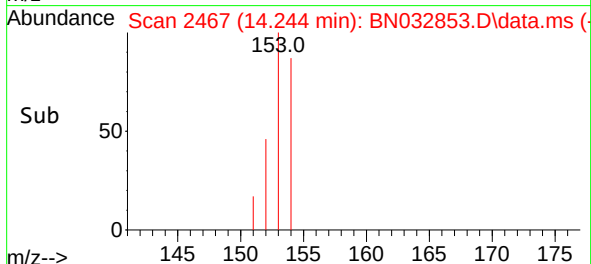
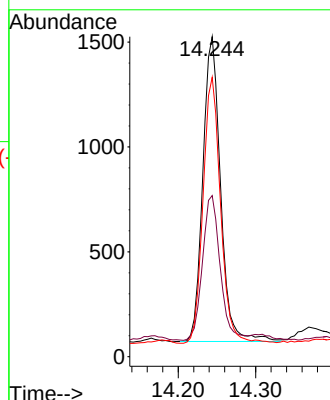
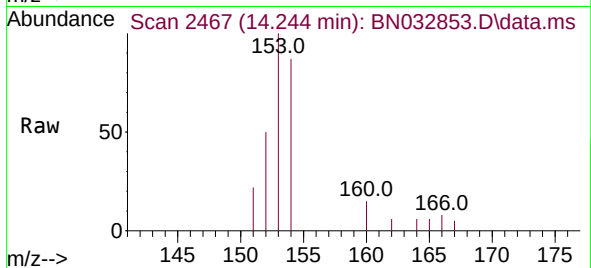
Tgt Ion:153	Resp:	2310
Ion Ratio	Lower	Upper
153	100	
152	50.3	40.0 60.0
154	87.3	70.2 105.4

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#12

Fluorene

Concen: 0.095 ng/ul

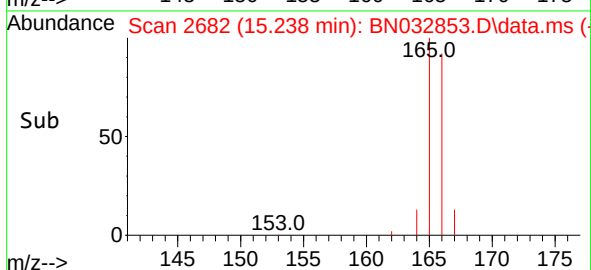
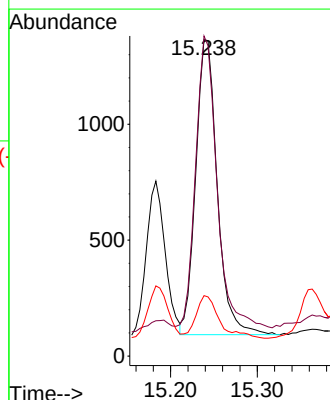
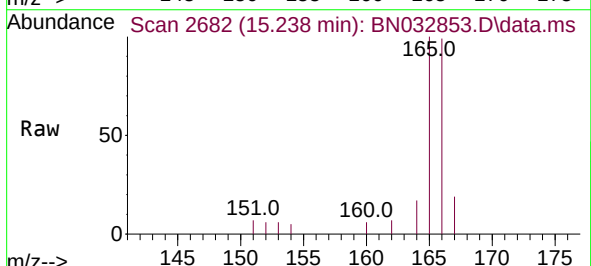
RT: 15.238 min Scan# 2682

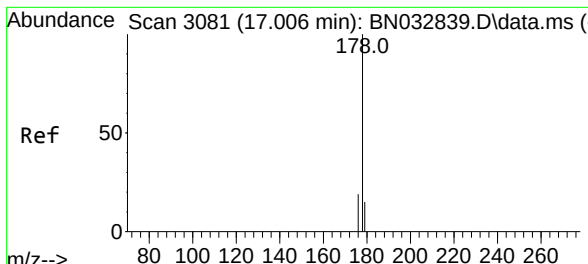
Delta R.T. -0.028 min

Lab File: BN032853.D

Acq: 19 Jul 2024 22:26

Tgt Ion:166	Resp:	2196
Ion Ratio	Lower	Upper
166	100	
165	101.2	79.7 119.5
167	19.1	11.4 17.2





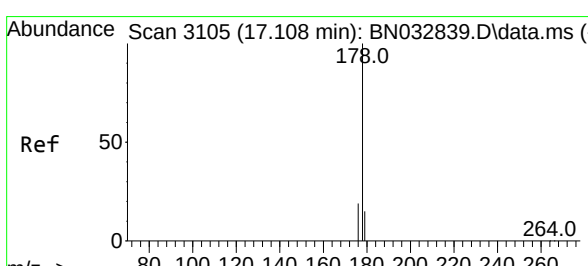
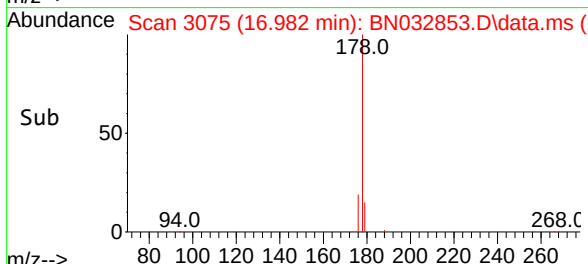
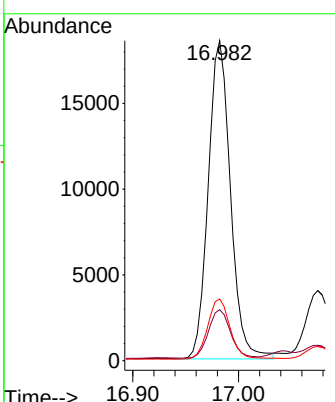
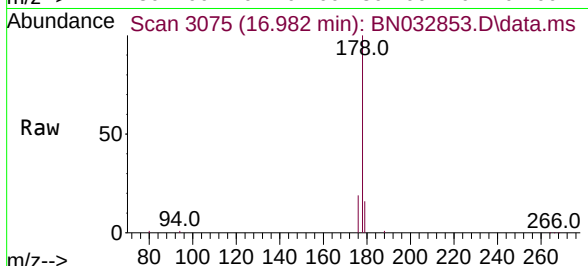
#15
 Phenanthrene
 Concen: 0.938 ng/ul m
 RT: 16.982 min Scan# 3075
 Delta R.T. -0.025 min
 Lab File: BN032853.D
 Acq: 19 Jul 2024 22:26

Instrument : BNA_N
 ClientSampleId : A4BT0

Tgt Ion:	178	Resp:	27160
Ion Ratio	Lower	Upper	
178	100		
179	15.9	13.0	19.4
176	19.3	15.6	23.4

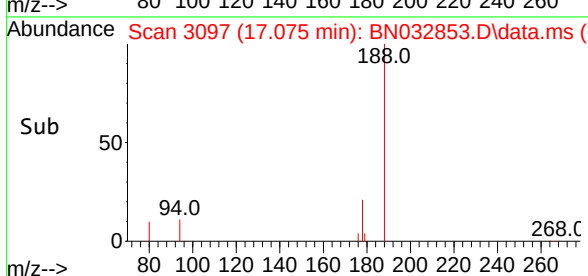
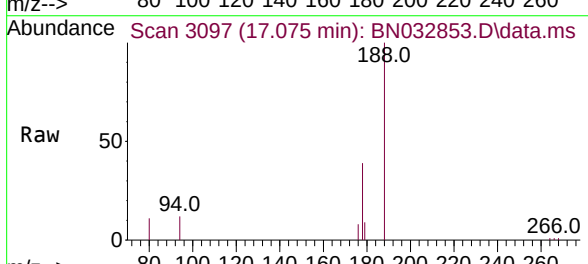
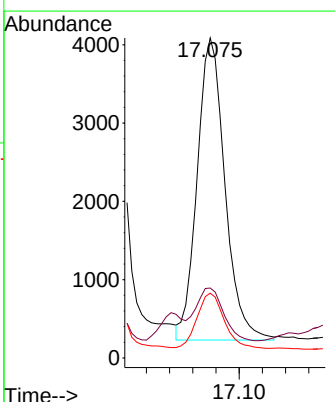
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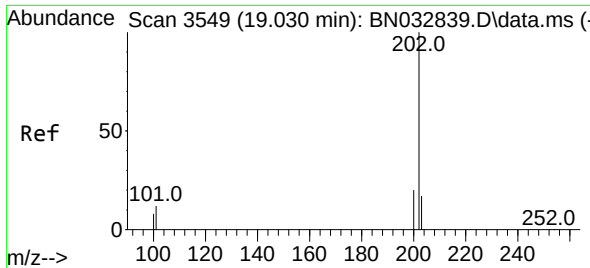
Reviewed By :Yogesh Patel 07/20/2024
 Supervised By :mohammad ahmed 07/22/2024



#16
 Anthracene
 Concen: 0.271 ng/ul m
 RT: 17.075 min Scan# 3097
 Delta R.T. -0.030 min
 Lab File: BN032853.D
 Acq: 19 Jul 2024 22:26

Tgt Ion:	178	Resp:	6419
Ion Ratio	Lower	Upper	
178	100		
179	21.8	13.4	20.2
176	20.2	15.4	23.0





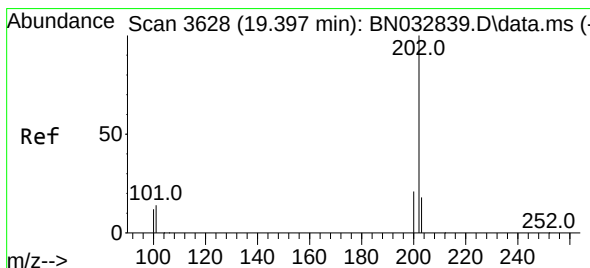
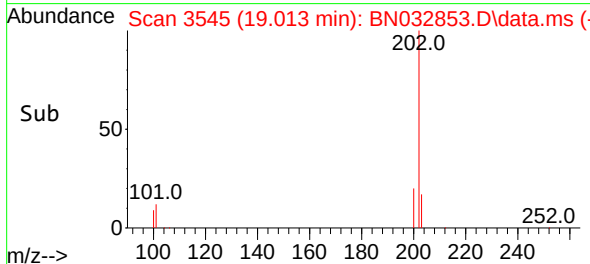
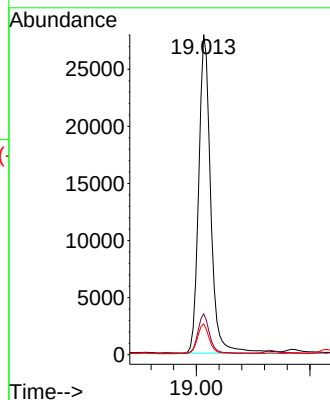
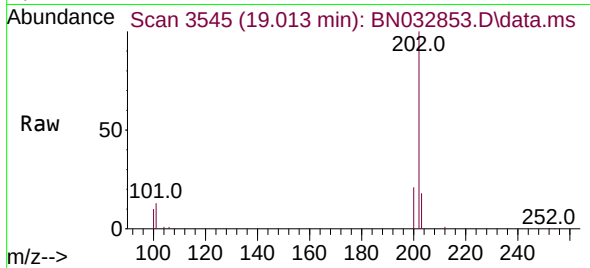
#19
Fluoranthene
Concen: 1.121 ng/ul
RT: 19.013 min Scan# 3545
Delta R.T. -0.019 min
Lab File: BN032853.D
Acq: 19 Jul 2024 22:26

Instrument :
BNA_N
ClientSampleId :
A4BT0

Tgt Ion:202 Resp: 40890
Ion Ratio Lower Upper
202 100
101 12.7 9.8 14.8
100 9.6 7.9 11.9

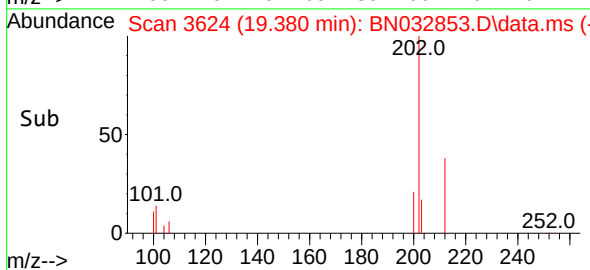
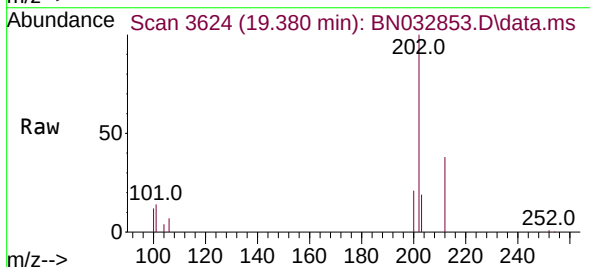
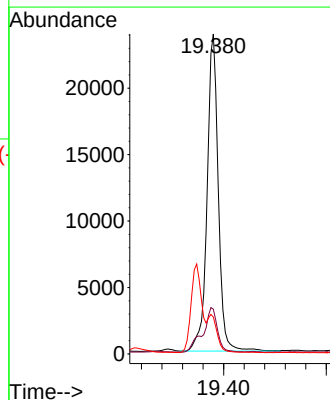
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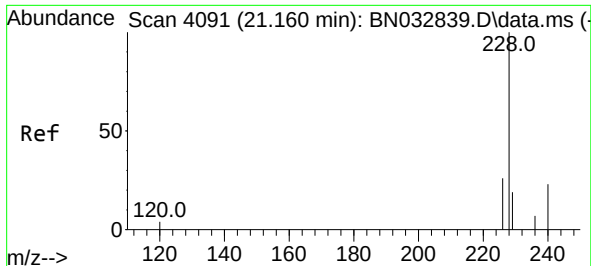
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#20
Pyrene
Concen: 0.954 ng/ul
RT: 19.380 min Scan# 3624
Delta R.T. -0.019 min
Lab File: BN032853.D
Acq: 19 Jul 2024 22:26

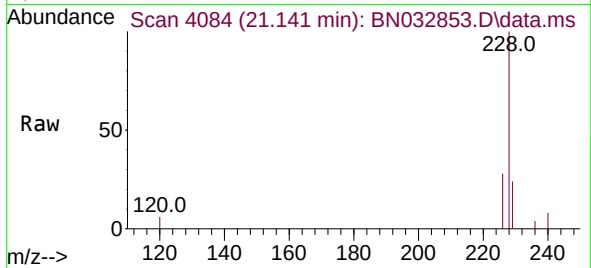
Tgt Ion:202 Resp: 36029
Ion Ratio Lower Upper
202 100
101 14.0 11.8 17.6
100 11.6 9.6 14.4





#21
Benzo(a)anthracene
Concen: 0.697 ng/ul m
RT: 21.141 min Scan# 4091
Delta R.T. -0.018 min
Lab File: BN032853.D
Acq: 19 Jul 2024 22:26

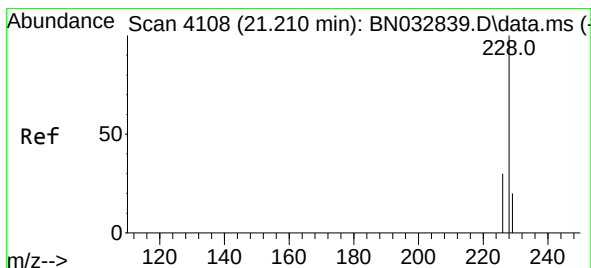
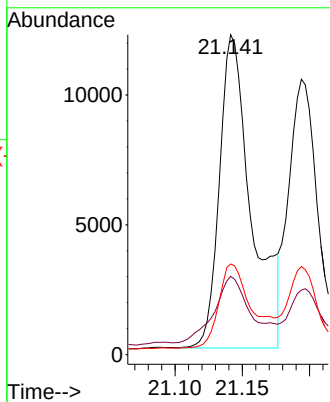
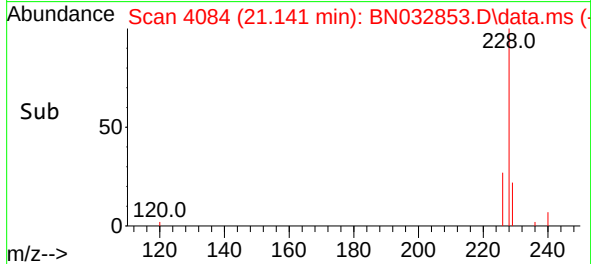
Instrument :
BNA_N
ClientSampleId :
A4BT0



Tgt Ion:228 Resp: 1990
Ion Ratio Lower Upper
228 100
229 24.5 16.1 24.1
226 28.4 21.9 32.9

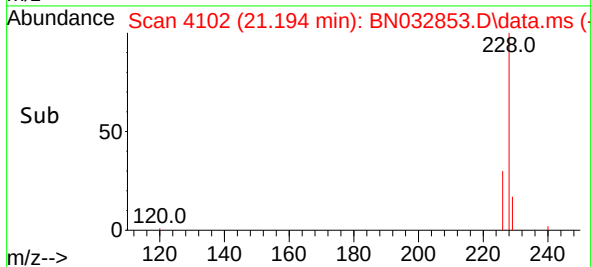
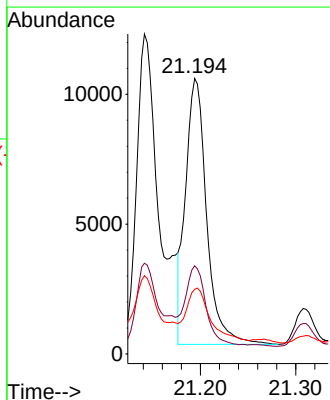
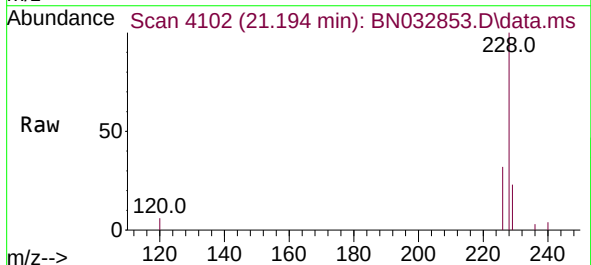
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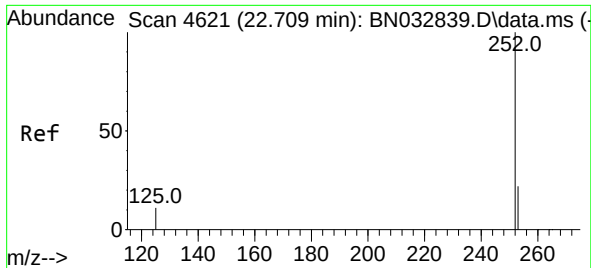
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#22
Chrysene
Concen: 0.382 ng/ul
RT: 21.194 min Scan# 4102
Delta R.T. -0.018 min
Lab File: BN032853.D
Acq: 19 Jul 2024 22:26

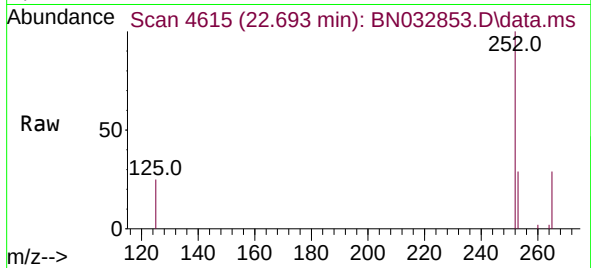
Tgt Ion:228 Resp: 15771
Ion Ratio Lower Upper
228 100
226 32.0 24.0 36.0
229 23.5 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.711 ng/ul m
RT: 22.693 min Scan# 4615
Delta R.T. -0.018 min
Lab File: BN032853.D
Acq: 19 Jul 2024 22:26

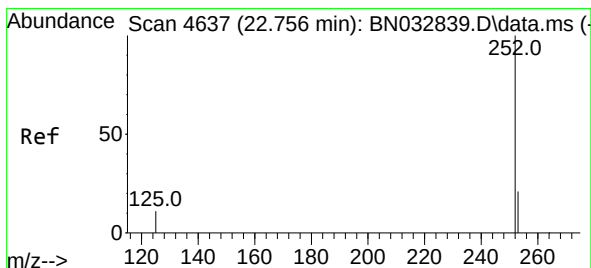
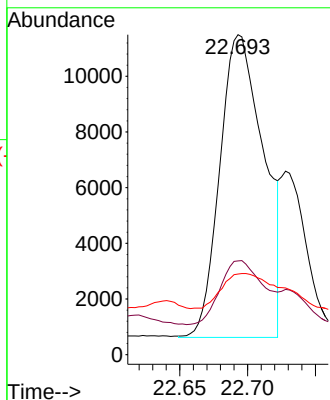
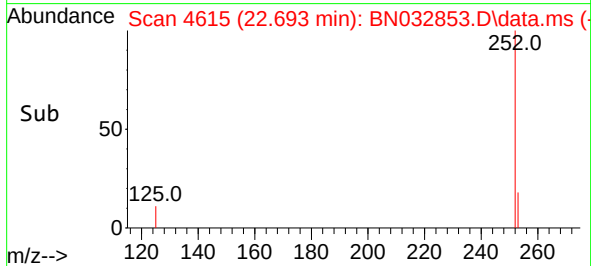
Instrument :
BNA_N
ClientSampleId :
A4BT0



Tgt Ion:252 Resp: 2454
Ion Ratio Lower Upper
252 100
253 29.3 0.0 54.0
125 25.2 0.0 36.0

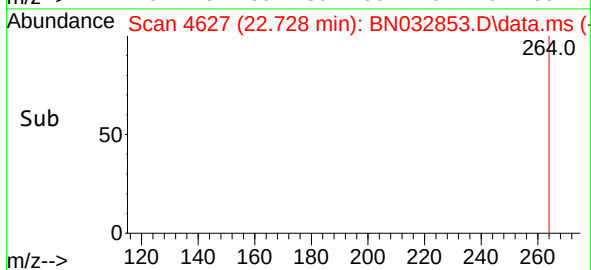
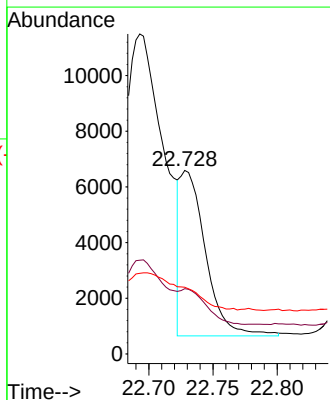
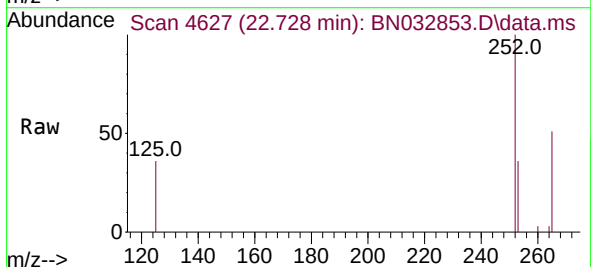
Manual Integrations
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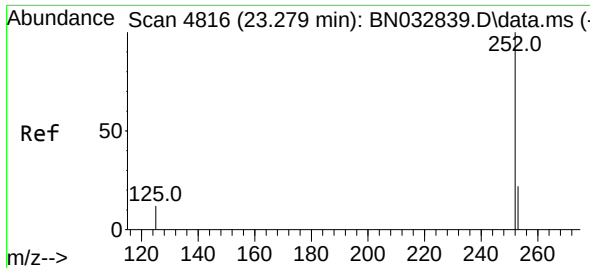
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#25
Benzo(k)fluoranthene
Concen: 0.195 ng/ul m
RT: 22.728 min Scan# 4627
Delta R.T. -0.026 min
Lab File: BN032853.D
Acq: 19 Jul 2024 22:26

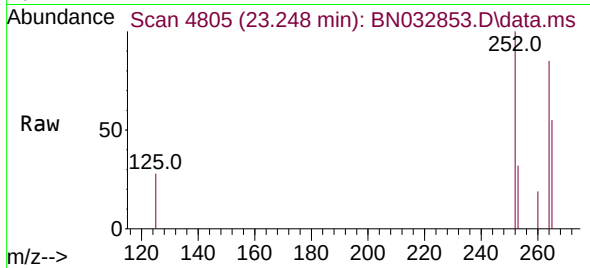
Tgt Ion:252 Resp: 8189
Ion Ratio Lower Upper
252 100
253 35.6 21.2 31.8#
125 36.4 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 0.561 ng/ul
RT: 23.248 min Scan# 4805
Delta R.T. -0.029 min
Lab File: BN032853.D
Acq: 19 Jul 2024 22:26

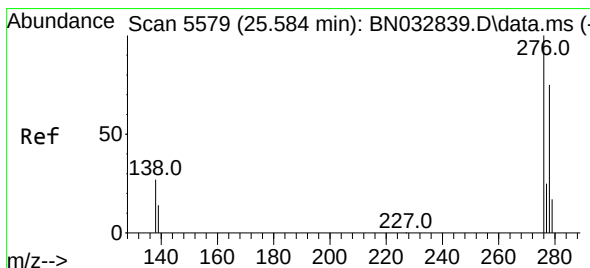
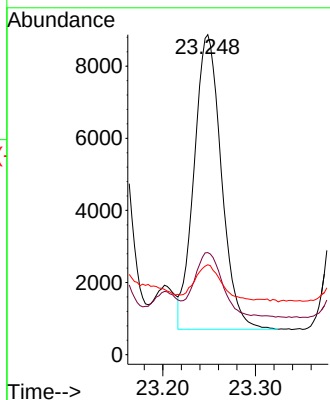
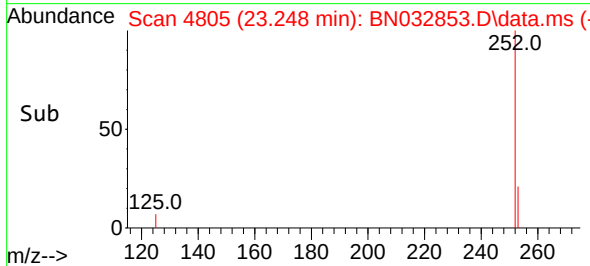
Instrument :
BNA_N
ClientSampleId :
A4BT0



Tgt Ion:252 Resp: 16750
Ion Ratio Lower Upper
252 100
253 31.9 25.4 38.0
125 28.1 20.6 30.8

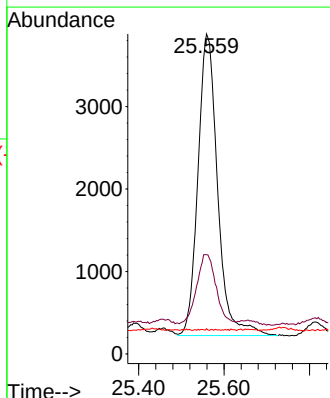
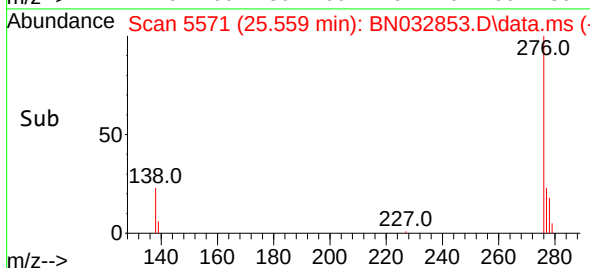
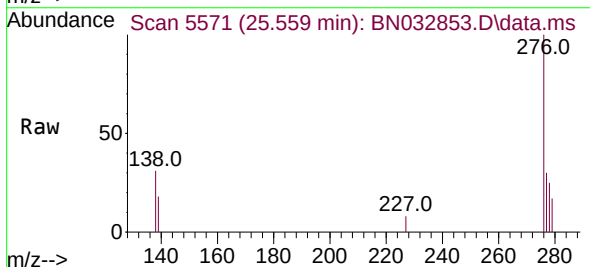
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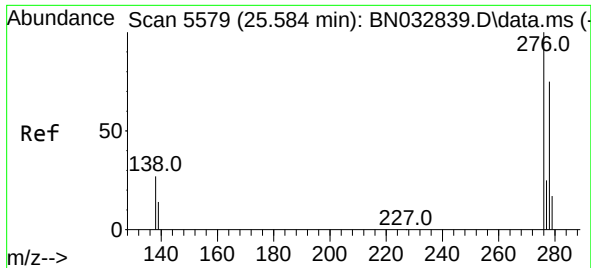
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.288 ng/ul
RT: 25.559 min Scan# 5571
Delta R.T. -0.024 min
Lab File: BN032853.D
Acq: 19 Jul 2024 22:26

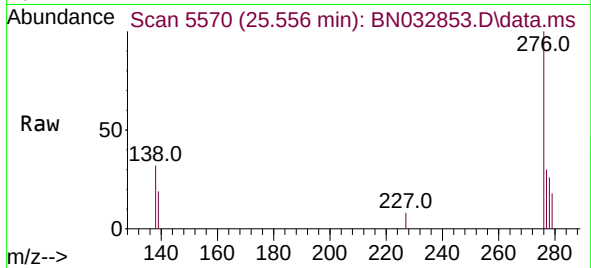
Tgt Ion:276 Resp: 11668
Ion Ratio Lower Upper
276 100
138 23.1 21.6 32.4
227 0.1 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.087 ng/ul
RT: 25.556 min Scan# 51
Delta R.T. -0.034 min
Lab File: BN032853.D
Acq: 19 Jul 2024 22:26

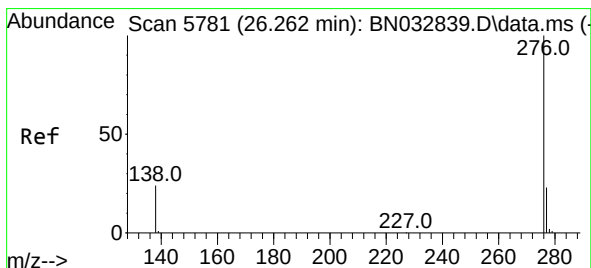
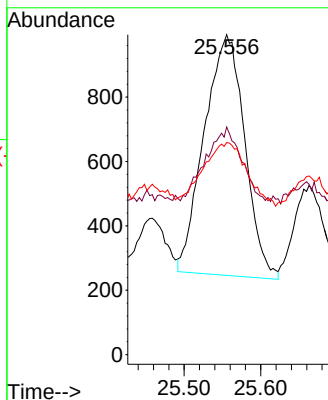
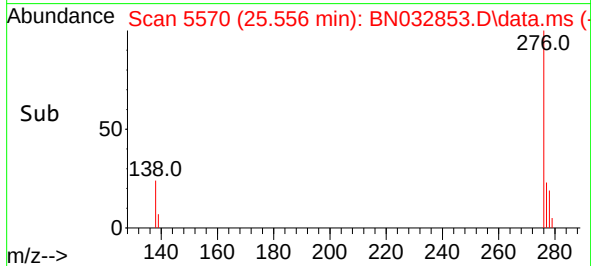
Instrument :
BNA_N
ClientSampleId :
A4BT0



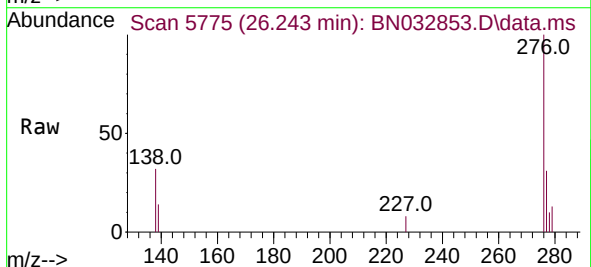
Tgt Ion:278 Resp: 274
Ion Ratio Lower Upper
278 100
139 71.1 16.6 24.8
279 66.3 23.7 35.5

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Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#29
Benzo(g,h,i)perylene
Concen: 0.341 ng/ul
RT: 26.243 min Scan# 5775
Delta R.T. -0.017 min
Lab File: BN032853.D
Acq: 19 Jul 2024 22:26



Tgt Ion:276 Resp: 11517
Ion Ratio Lower Upper
276 100
138 32.4 21.0 31.4#
277 31.0 20.6 31.0#

