

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
 Data File : BN032860.D
 Acq On : 20 Jul 2024 03:14
 Operator : MA/JU
 Sample : P3178-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BT1

Manual Integrations
 APPROVED

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

Quant Time: Jul 20 03:50:36 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 : Sat Jul 20 01:52:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.527	152	3713	0.400	ng/ul	0.00
4) Naphthalene-d8	10.294	136	11516	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.179	164	6902	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.940	188	13287m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.156	240	11914m	0.400	ng/ul	0.00
23) Perylene-d12	23.345	264	12784m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.089	96	14885	3.339	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.900	152	4355	0.250	ng/ul	-0.03
18) Fluoranthene-d10	18.980	212	9389	0.242	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.343	128	2183	0.071	ng/ul#	89
7) 2-Methylnaphthalene	11.977	142	898	0.047	ng/ul	97
8) 1-Methylnaphthalene	12.197	142	635	0.032	ng/ul	97
10) Acenaphthylene	13.901	152	4462	0.160	ng/ul	93
11) Acenaphthene	14.239	153	3218	0.140	ng/ul	99
12) Fluorene	15.238	166	3382	0.128	ng/ul#	99
15) Phenanthrene	16.982	178	63805m	1.763	ng/ul	
16) Anthracene	17.075	178	12295m	0.416	ng/ul	
19) Fluoranthene	19.013	202	156170	3.224	ng/ul	99
20) Pyrene	19.380	202	93475	1.864	ng/ul	97
21) Benzo(a)anthracene	21.138	228	68266	1.800	ng/ul	97
22) Chrysene	21.191	228	84995	1.549	ng/ul	97
24) Benzo(b)fluoranthene	22.687	252	121784m	2.700	ng/ul	
25) Benzo(k)fluoranthene	22.728	252	45554m	0.829	ng/ul	
26) Benzo(a)pyrene	23.248	252	31360	0.803	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.552	276	39092	0.740	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.549	278	14696	0.359	ng/ul#	55
29) Benzo(g,h,i)perylene	26.236	276	5765	0.131	ng/ul#	35

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

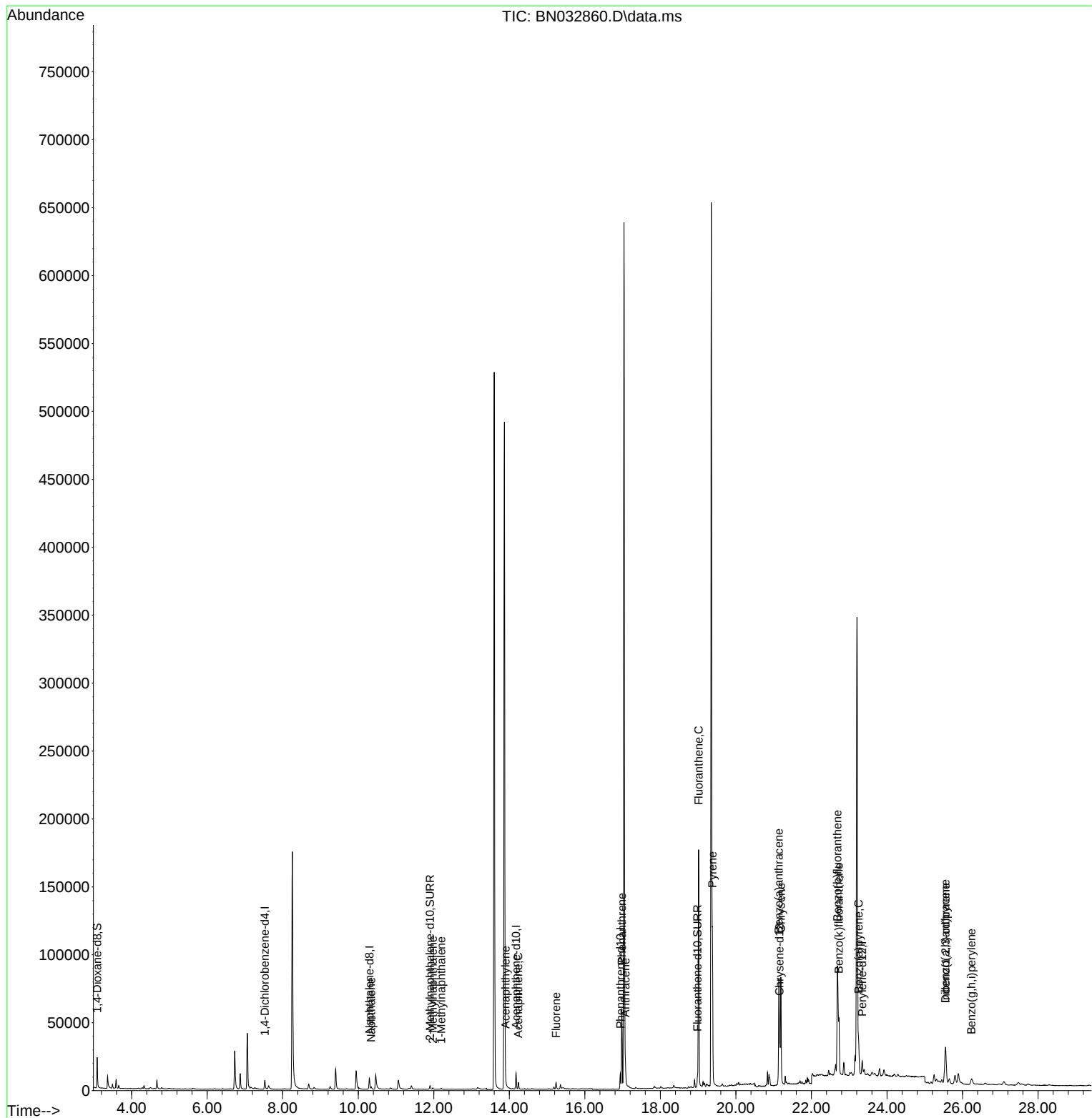
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032860.D
Acq On : 20 Jul 2024 03:14
Operator : MA/JU
Sample : P3178-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

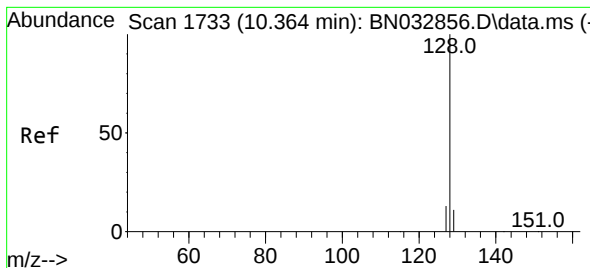
Instrument :
BNA_N
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A4BT1

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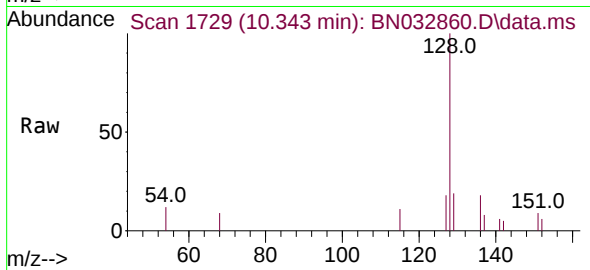
Quant Time: Jul 20 03:50:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.071 ng/ul
RT: 10.343 min Scan# 1729
Delta R.T. -0.020 min
Lab File: BN032860.D
Acq: 20 Jul 2024 03:14

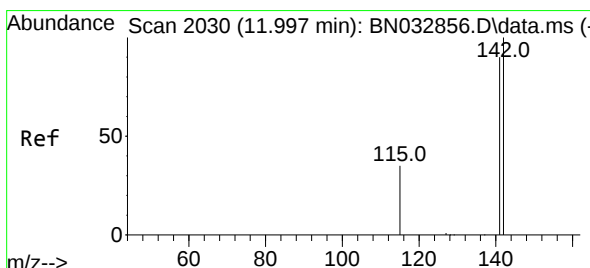
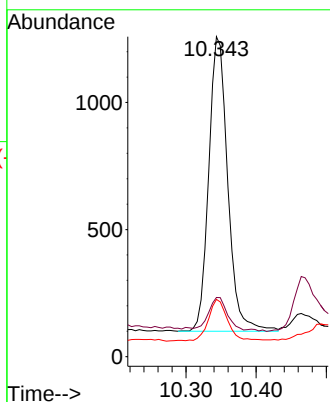
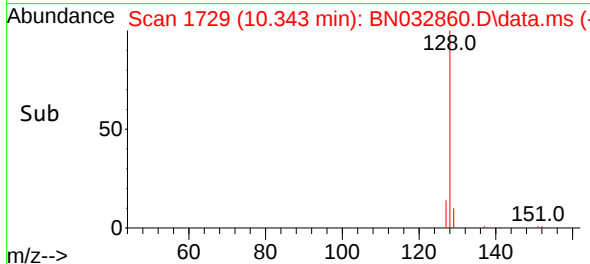
Instrument :
BNA_N
ClientSampleId :
A4BT1



Tgt Ion:128 Resp: 218
Ion Ratio Lower Upper
128 100
129 18.5 10.0 15.0
127 17.9 11.6 17.4

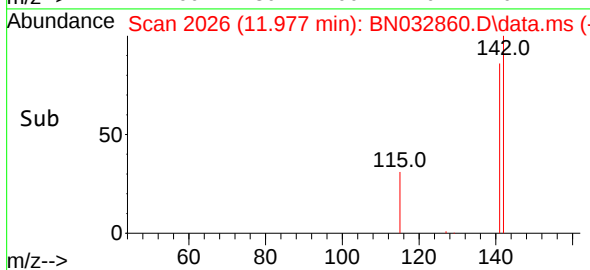
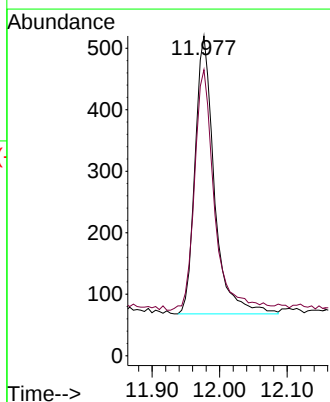
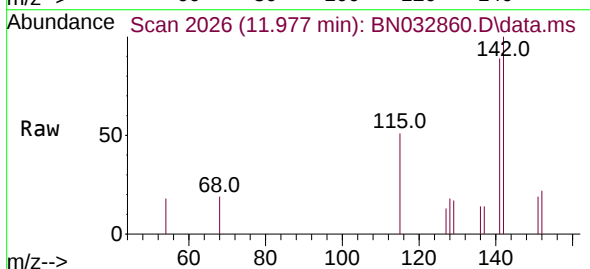
Manual Integrations
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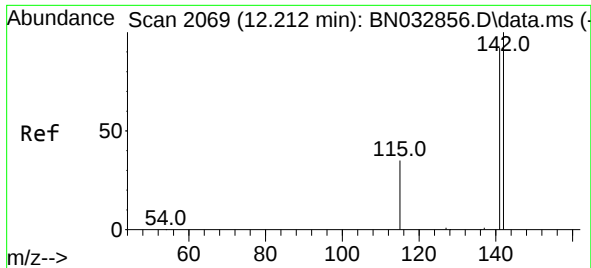
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#7
2-Methylnaphthalene
Concen: 0.047 ng/ul
RT: 11.977 min Scan# 2026
Delta R.T. -0.020 min
Lab File: BN032860.D
Acq: 20 Jul 2024 03:14

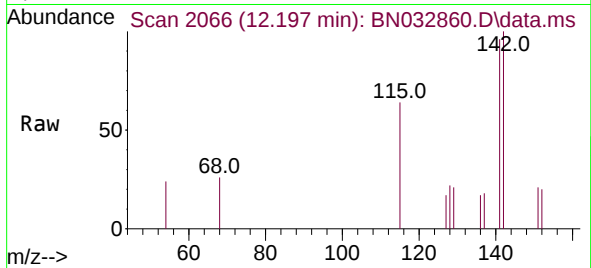
Tgt Ion:142 Resp: 898
Ion Ratio Lower Upper
142 100
141 89.3 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.032 ng/ul
RT: 12.197 min Scan# 2066
Delta R.T. -0.015 min
Lab File: BN032860.D
Acq: 20 Jul 2024 03:14

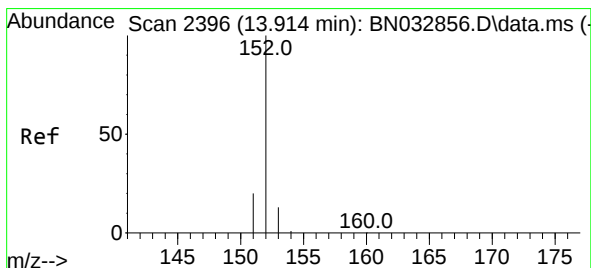
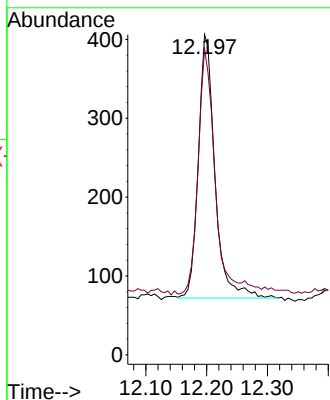
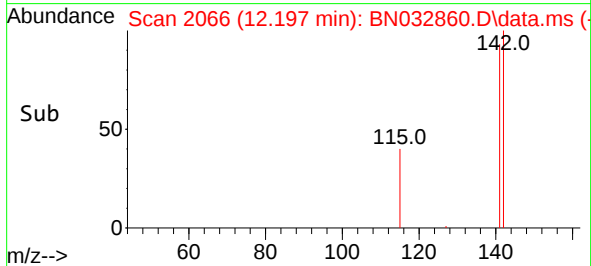
Instrument :
BNA_N
ClientSampleId :
A4BT1



Tgt Ion:142 Resp: 639
Ion Ratio Lower Upper
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141 96.7 75.0 112.4

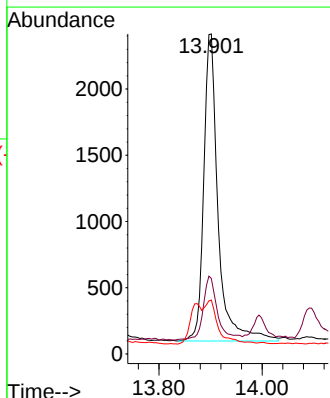
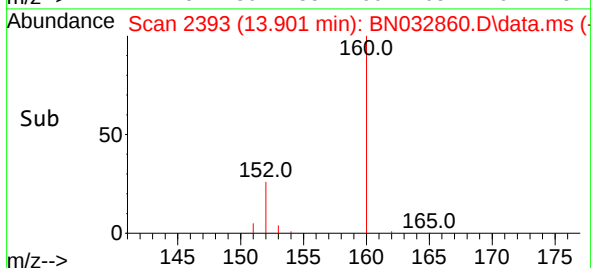
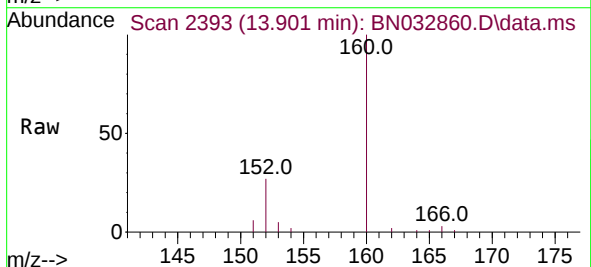
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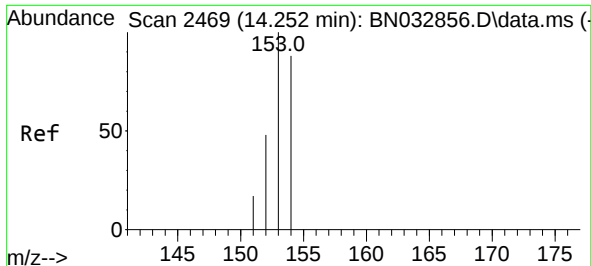
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#10
Acenaphthylene
Concen: 0.160 ng/ul
RT: 13.901 min Scan# 2393
Delta R.T. -0.012 min
Lab File: BN032860.D
Acq: 20 Jul 2024 03:14

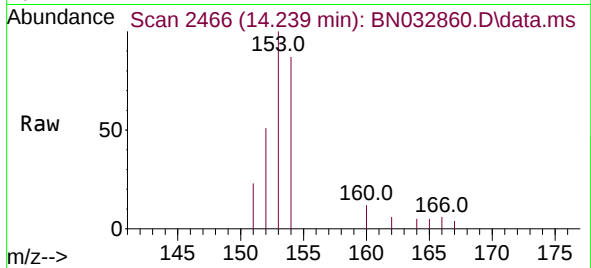
Tgt Ion:152 Resp: 4462
Ion Ratio Lower Upper
152 100
151 23.6 16.3 24.5
153 16.8 11.3 16.9





#11
Acenaphthene
Concen: 0.140 ng/ul
RT: 14.239 min Scan# 2466
Delta R.T. -0.012 min
Lab File: BN032860.D
Acq: 20 Jul 2024 03:14

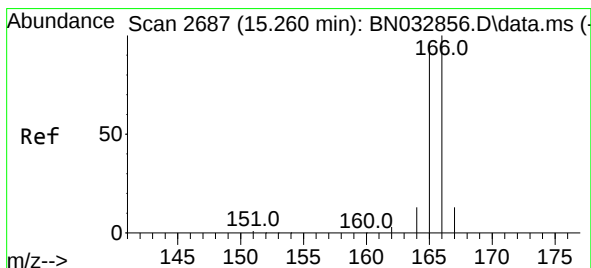
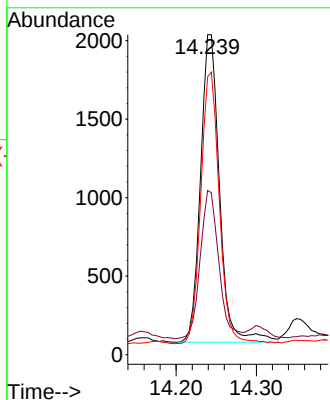
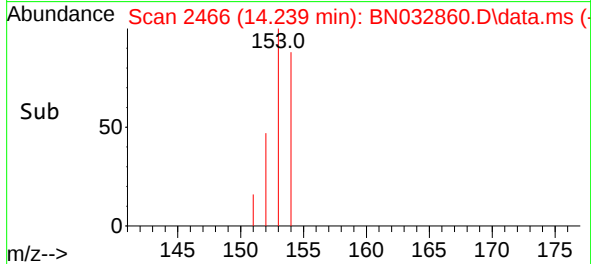
Instrument :
BNA_N
ClientSampleId :
A4BT1



Tgt Ion:153 Resp: 3218
Ion Ratio Lower Upper
153 100
152 51.3 40.0 60.0
154 86.8 70.2 105.4

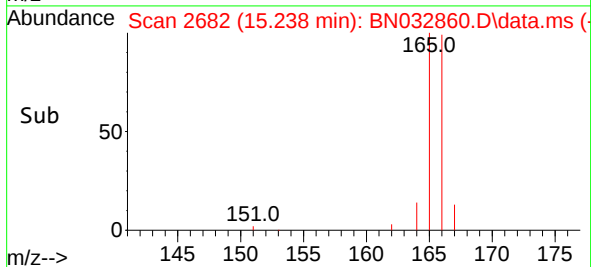
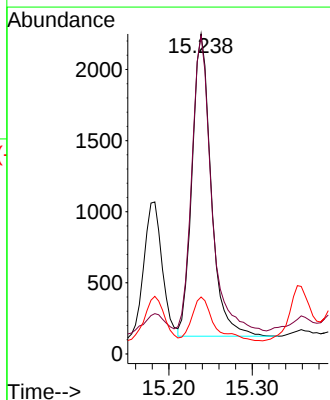
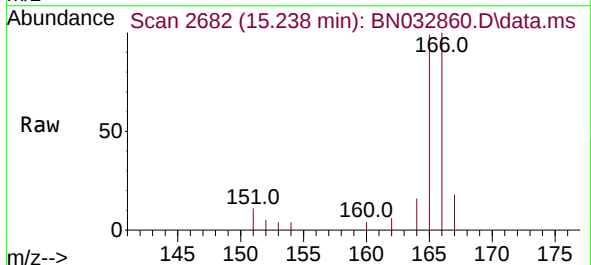
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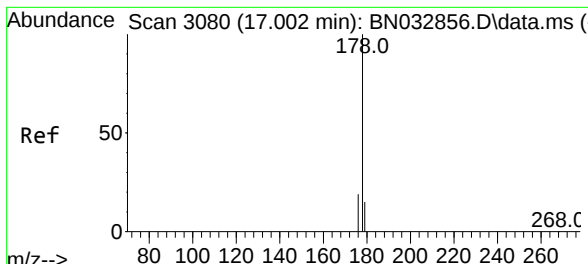
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#12
Fluorene
Concen: 0.128 ng/ul
RT: 15.238 min Scan# 2682
Delta R.T. -0.022 min
Lab File: BN032860.D
Acq: 20 Jul 2024 03:14

Tgt Ion:166 Resp: 3382
Ion Ratio Lower Upper
166 100
165 99.3 79.7 119.5
167 17.8 11.4 17.2#



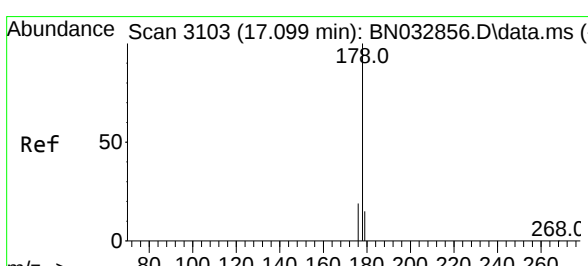
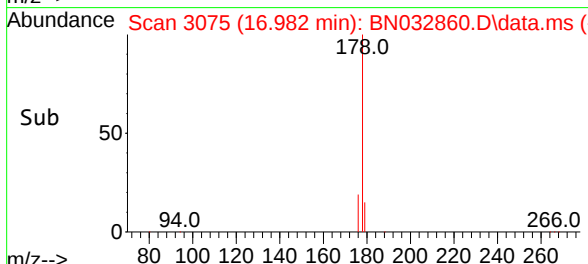
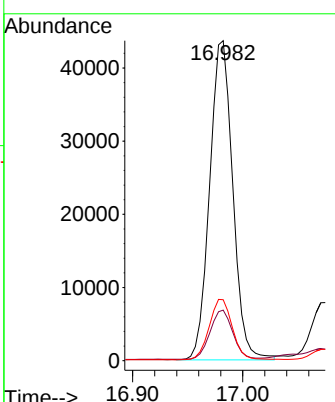
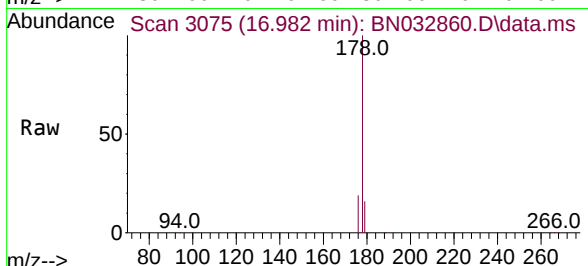


#15
 Phenanthrene
 Concen: 1.763 ng/ul m
 RT: 16.982 min Scan# 3075
 Delta R.T. -0.020 min
 Lab File: BN032860.D
 Acq: 20 Jul 2024 03:14

Instrument : BNA_N
 ClientSampleId : A4BT1

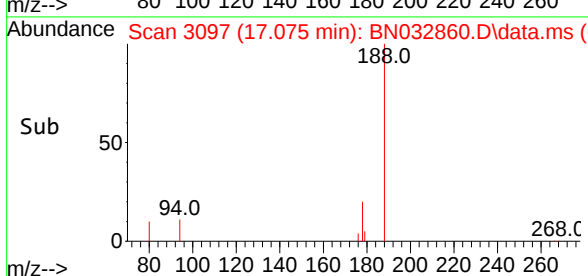
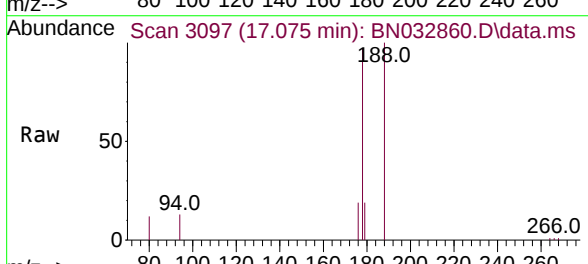
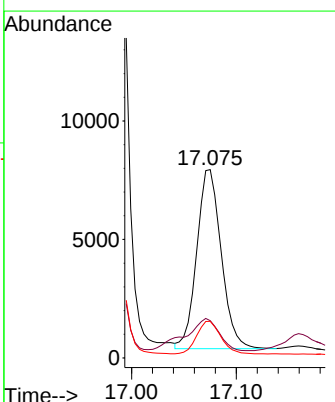
Tgt Ion:	178	Resp:	6380
Ion Ratio	Lower	Upper	
178	100		
179	15.8	13.0	19.4
176	19.1	15.6	23.4

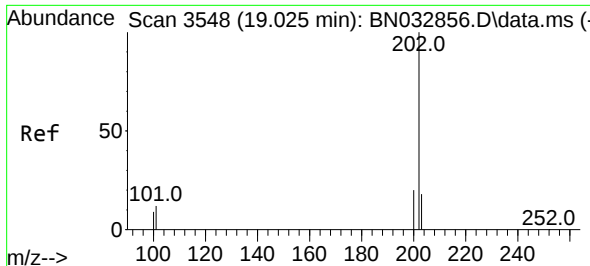
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 Reviewed By :Yogesh Patel 07/20/2024
 Supervised By :mohammad ahmed 07/22/2024



#16
 Anthracene
 Concen: 0.416 ng/ul m
 RT: 17.075 min Scan# 3097
 Delta R.T. -0.024 min
 Lab File: BN032860.D
 Acq: 20 Jul 2024 03:14

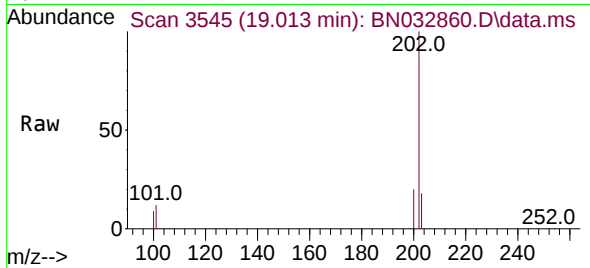
Tgt Ion:	178	Resp:	12295
Ion Ratio	Lower	Upper	
178	100		
179	19.8	13.4	20.2
176	19.5	15.4	23.0





#19
Fluoranthene
Concen: 3.224 ng/ul
RT: 19.013 min Scan# 3545
Delta R.T. -0.012 min
Lab File: BN032860.D
Acq: 20 Jul 2024 03:14

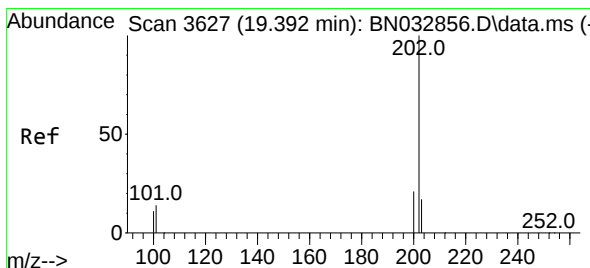
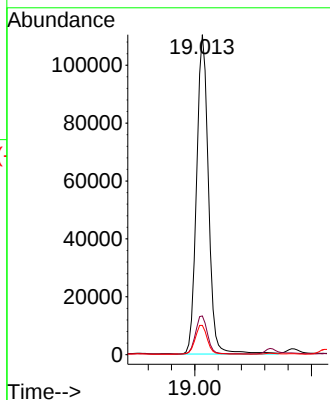
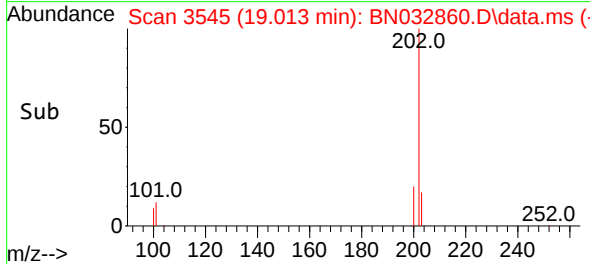
Instrument :
BNA_N
ClientSampleId :
A4BT1



Tgt Ion:202 Resp: 156170
Ion Ratio Lower Upper
202 100
101 12.1 9.8 14.8
100 9.1 7.9 11.9

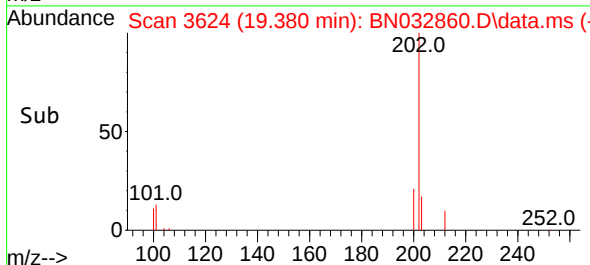
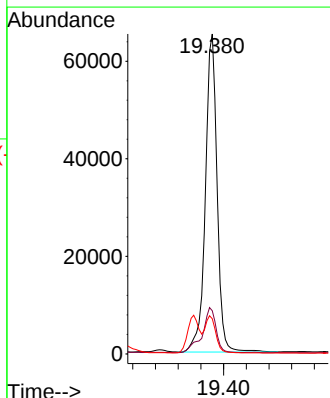
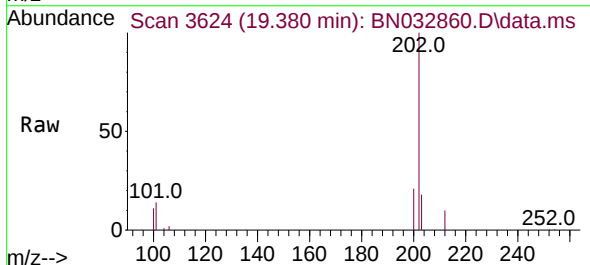
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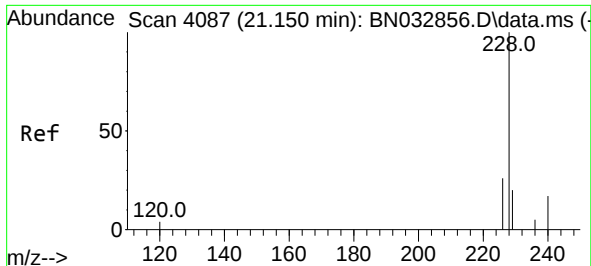
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#20
Pyrene
Concen: 1.864 ng/ul
RT: 19.380 min Scan# 3624
Delta R.T. -0.012 min
Lab File: BN032860.D
Acq: 20 Jul 2024 03:14

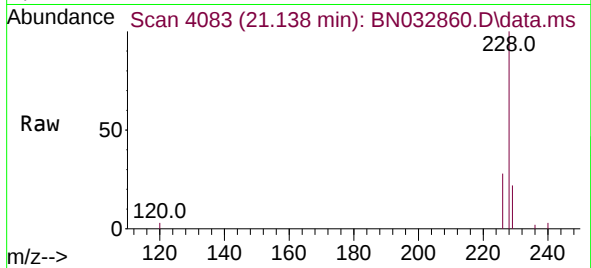
Tgt Ion:202 Resp: 93475
Ion Ratio Lower Upper
202 100
101 13.5 11.8 17.6
100 11.0 9.6 14.4





#21
Benzo(a)anthracene
Concen: 1.800 ng/ul
RT: 21.138 min Scan# 4087
Delta R.T. -0.012 min
Lab File: BN032860.D
Acq: 20 Jul 2024 03:14

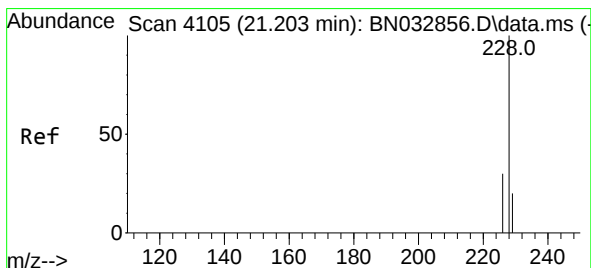
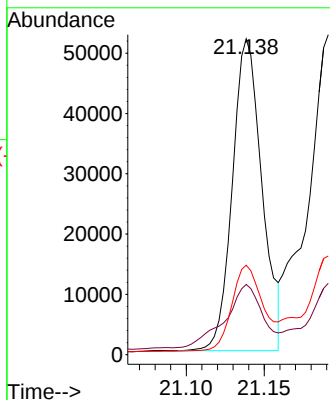
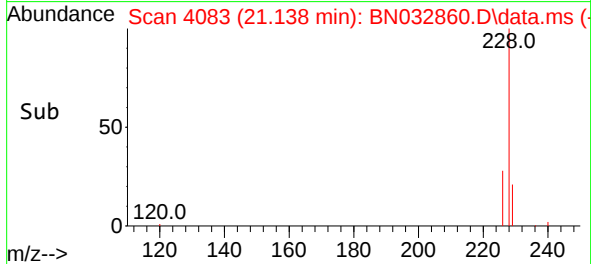
Instrument :
BNA_N
ClientSampleId :
A4BT1



Tgt Ion:228 Resp: 68260
Ion Ratio Lower Upper
228 100
229 22.2 16.1 24.1
226 28.3 21.9 32.9

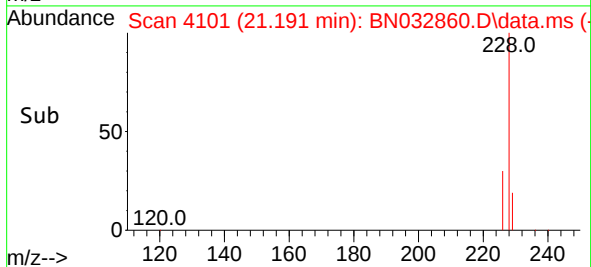
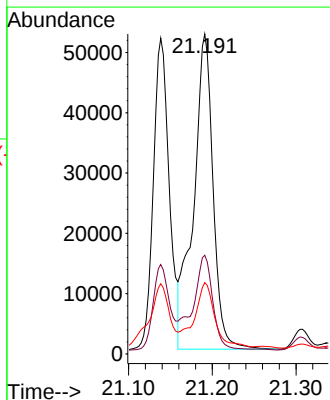
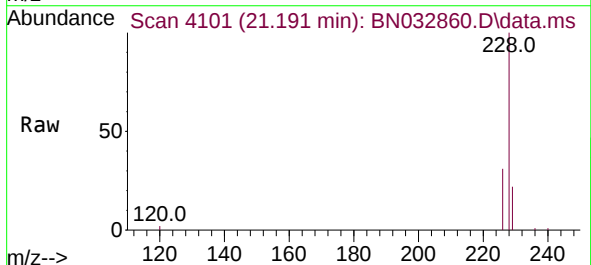
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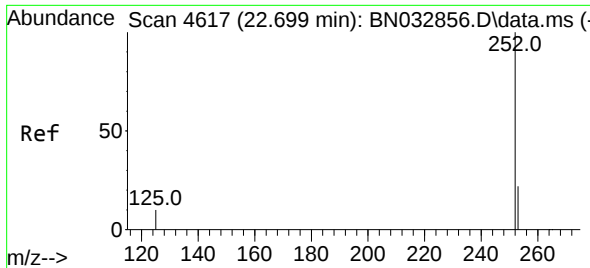
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#22
Chrysene
Concen: 1.549 ng/ul
RT: 21.191 min Scan# 4101
Delta R.T. -0.012 min
Lab File: BN032860.D
Acq: 20 Jul 2024 03:14

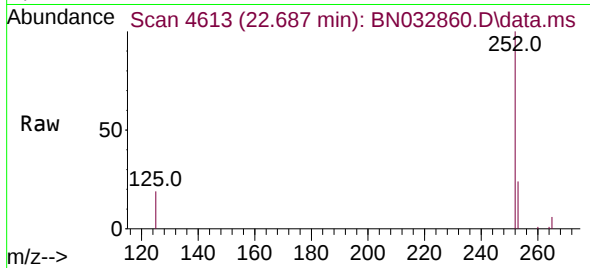
Tgt Ion:228 Resp: 84995
Ion Ratio Lower Upper
228 100
226 30.8 24.0 36.0
229 22.3 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 2.700 ng/ul m
RT: 22.687 min Scan# 4613
Delta R.T. -0.012 min
Lab File: BN032860.D
Acq: 20 Jul 2024 03:14

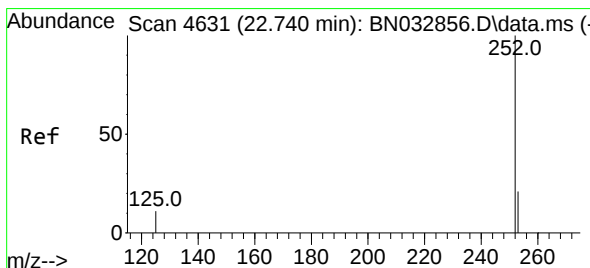
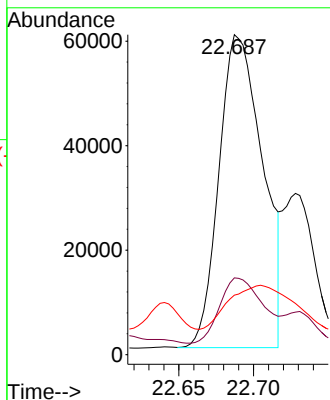
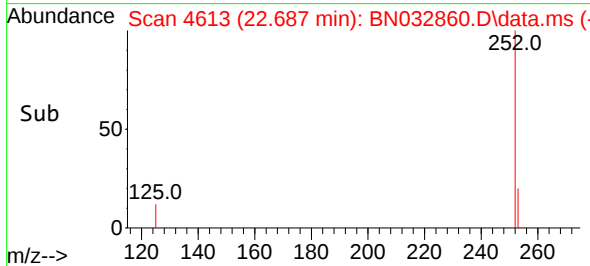
Instrument :
BNA_N
ClientSampleId :
A4BT1



Tgt Ion:252 Resp: 121784
Ion Ratio Lower Upper
252 100
253 24.0 0.0 54.0
125 18.6 0.0 36.0

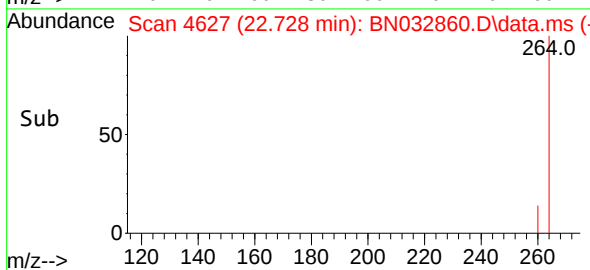
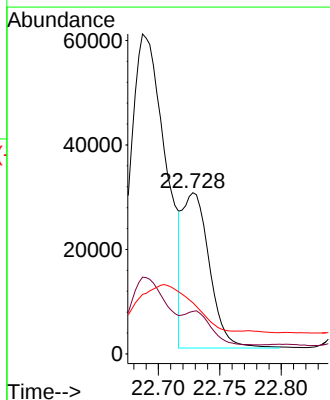
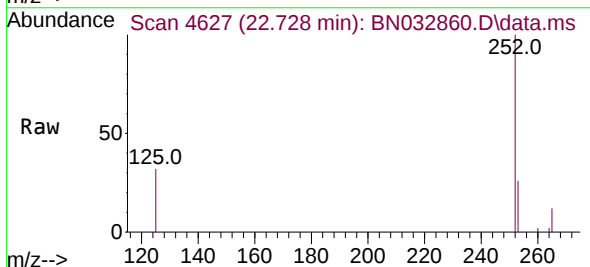
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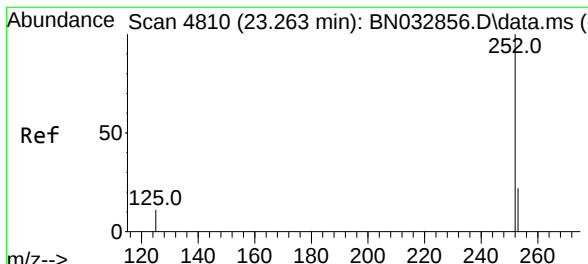
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#25
Benzo(k)fluoranthene
Concen: 0.829 ng/ul m
RT: 22.728 min Scan# 4627
Delta R.T. -0.012 min
Lab File: BN032860.D
Acq: 20 Jul 2024 03:14

Tgt Ion:252 Resp: 45554
Ion Ratio Lower Upper
252 100
253 26.4 21.2 31.8
125 31.7 14.8 22.2#





#26
 Benzo(a)pyrene
 Concen: 0.803 ng/ul
 RT: 23.248 min Scan# 4810
 Delta R.T. -0.015 min
 Lab File: BN032860.D
 Acq: 20 Jul 2024 03:14

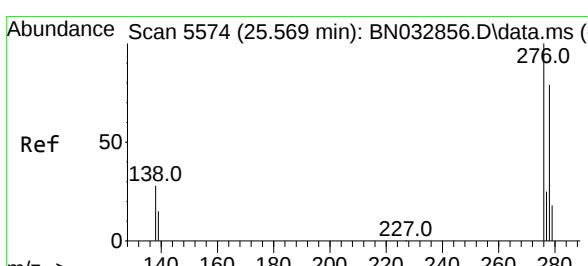
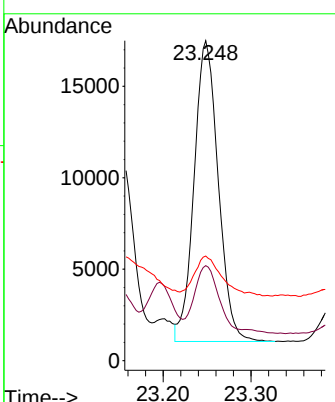
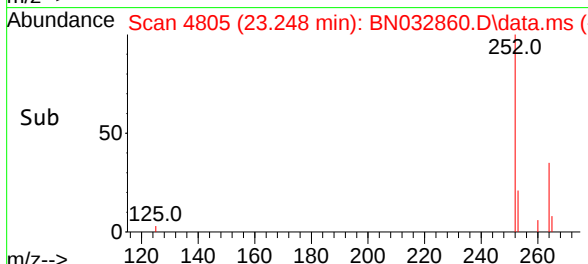
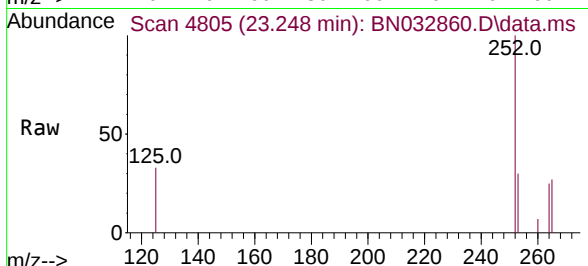
Instrument : BNA_N
 ClientSampleId : A4BT1

Tgt Ion:252 Resp: 31360

Ion	Ratio	Lower	Upper
252	100		
253	29.7	25.4	38.0
125	32.7	20.6	30.8

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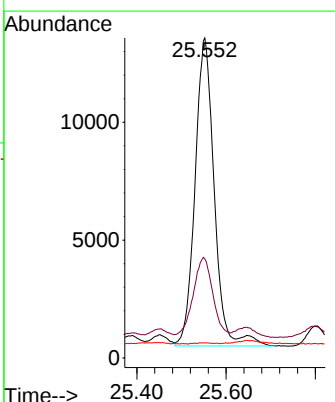
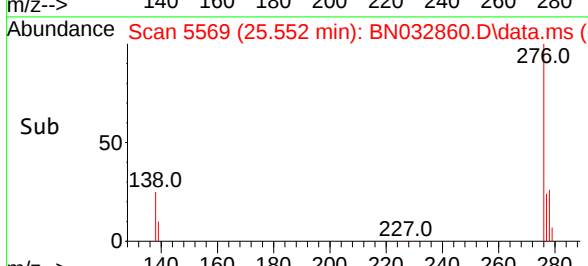
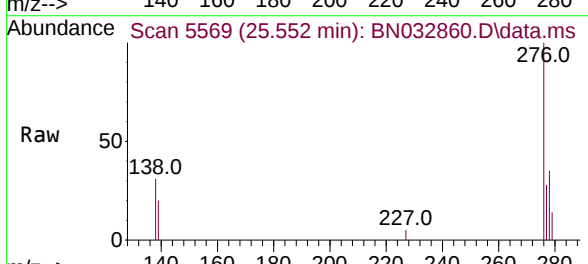
Reviewed By :Yogesh Patel 07/20/2024
 Supervised By :mohammad ahmed 07/22/2024

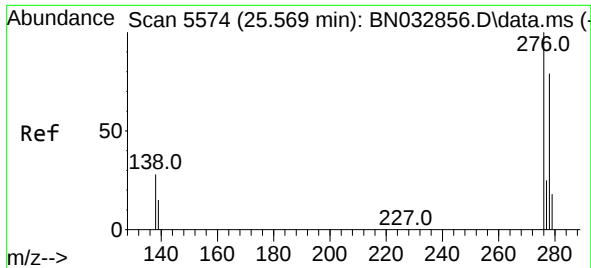


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.740 ng/ul
 RT: 25.552 min Scan# 5569
 Delta R.T. -0.017 min
 Lab File: BN032860.D
 Acq: 20 Jul 2024 03:14

Tgt Ion:276 Resp: 39092

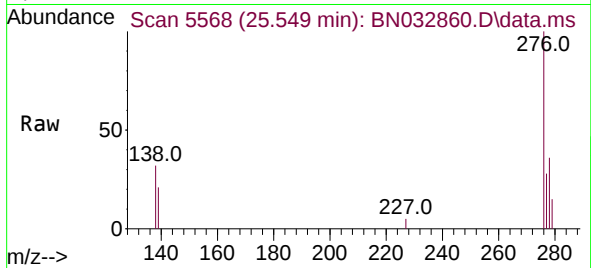
Ion	Ratio	Lower	Upper
276	100		
138	25.8	21.6	32.4
227	0.2	0.0	0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.359 ng/ul
RT: 25.549 min Scan# 5568
Delta R.T. -0.020 min
Lab File: BN032860.D
Acq: 20 Jul 2024 03:14

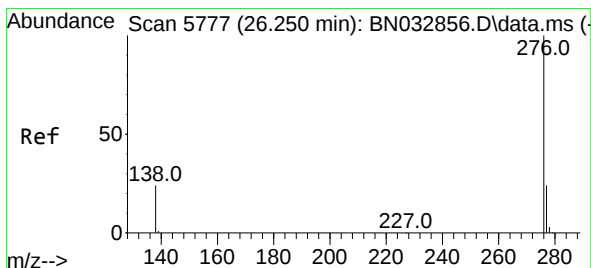
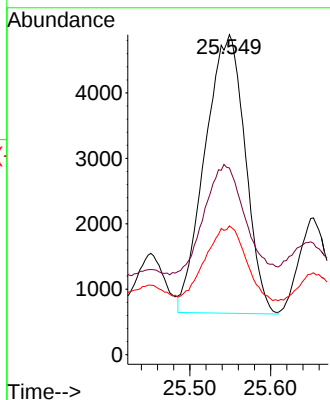
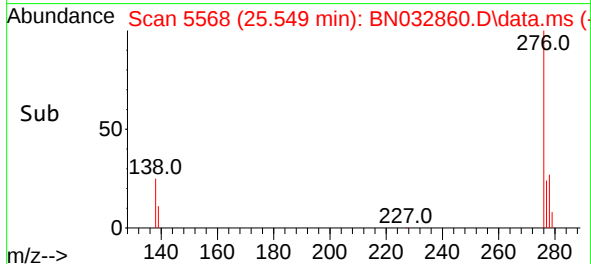
Instrument :
BNA_N
ClientSampleId :
A4BT1



Tgt Ion:278 Resp: 14690
Ion Ratio Lower Upper
278 100
139 58.4 16.6 24.8#
279 40.2 23.7 35.5#

Manual Integrations
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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: 0.131 ng/ul
RT: 26.236 min Scan# 5773
Delta R.T. -0.014 min
Lab File: BN032860.D
Acq: 20 Jul 2024 03:14

Tgt Ion:276 Resp: 5765
Ion Ratio Lower Upper
276 100
138 70.8 21.0 31.4#
277 47.2 20.6 31.0#

