

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
 Data File : BN032863.D
 Acq On : 20 Jul 2024 05:02
 Operator : MA/JU
 Sample : P3238-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BE8

Manual Integrations
 APPROVED

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

Quant Time: Jul 20 05:29:22 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	4770	0.400	ng/ul	0.00
4) Naphthalene-d8	10.294	136	14896	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.174	164	9118	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.936	188	17276m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.153	240	13079m	0.400	ng/ul	-0.01
23) Perylene-d12	23.345	264	21507m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.089	96	18148	3.169	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.894	152	4752	0.211	ng/ul	-0.03
18) Fluoranthene-d10	18.980	212	10725m	0.252	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.343	128	94523	2.363	ng/ul	97
7) 2-Methylnaphthalene	11.971	142	36176	1.449	ng/ul	97
8) 1-Methylnaphthalene	12.196	142	26192	1.014	ng/ul	99
10) Acenaphthylene	13.897	152	57343	1.557	ng/ul	100
11) Acenaphthene	14.239	153	143655	4.716	ng/ul	98
12) Fluorene	15.238	166	153866	4.418	ng/ul	98
14) Pentachlorophenol	16.619	266	161m	0.053	ng/ul	
15) Phenanthrene	16.982	178	2481513m	52.742	ng/ul	
16) Anthracene	17.071	178	457547m	11.903	ng/ul	
19) Fluoranthene	19.017	202	3362560m	63.234	ng/ul	
20) Pyrene	19.380	202	2792493m	50.734	ng/ul	
21) Benzo(a)anthracene	21.138	228	1601453m	38.467	ng/ul	
22) Chrysene	21.191	228	1687595m	28.021	ng/ul	
24) Benzo(b)fluoranthene	22.693	252	2069037m	27.266	ng/ul	
25) Benzo(k)fluoranthene	22.731	252	790729m	8.550	ng/ul	
26) Benzo(a)pyrene	23.251	252	882132m	13.433	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.549	276	766718m	8.622	ng/ul	
28) Dibenzo(a,h)anthracene	25.545	278	289228m	4.196	ng/ul	
29) Benzo(g,h,i)perylene	26.226	276	114150m	1.536	ng/ul	

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

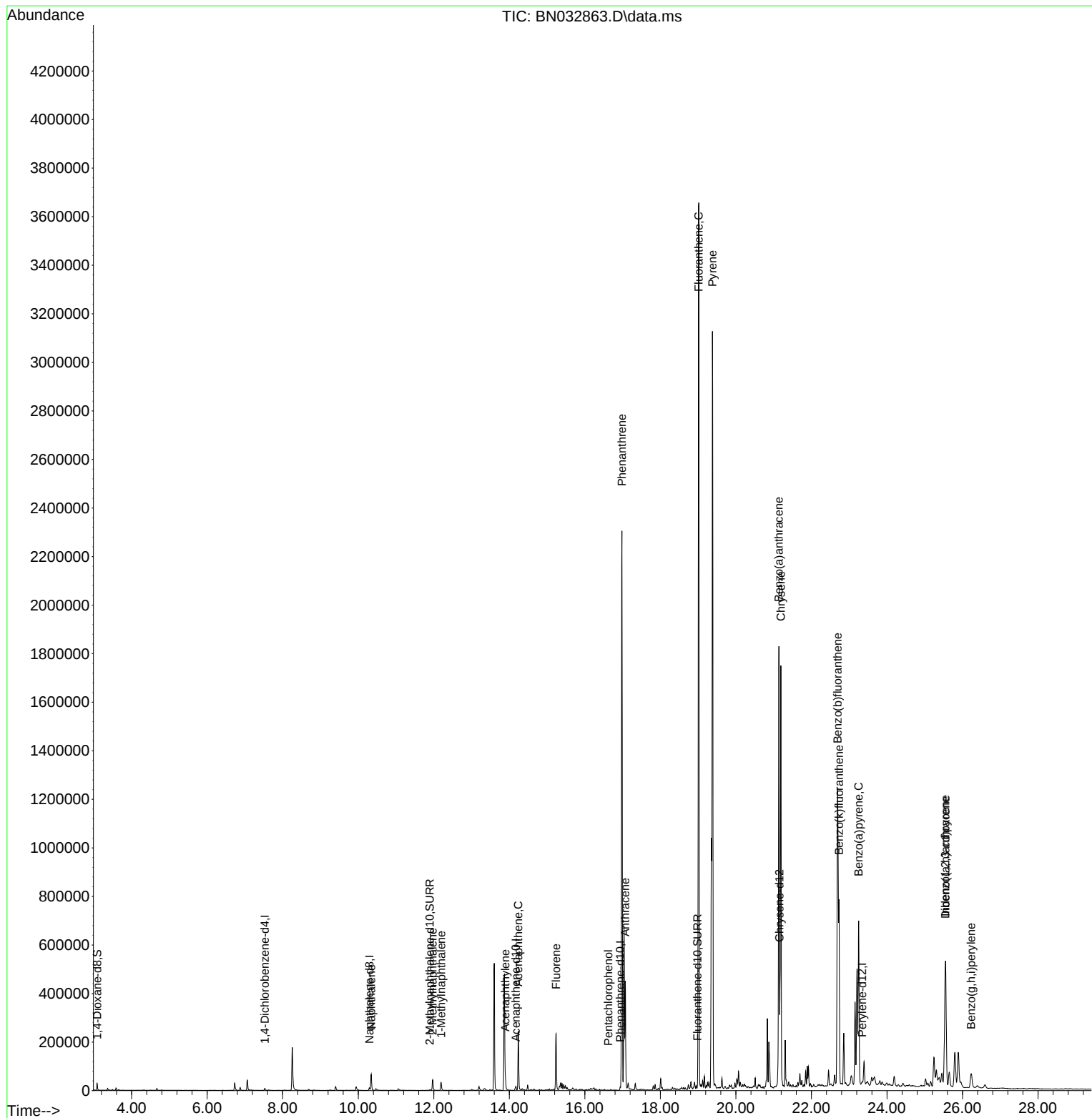
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032863.D
Acq On : 20 Jul 2024 05:02
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ALS Vial : 27 Sample Multiplier: 1

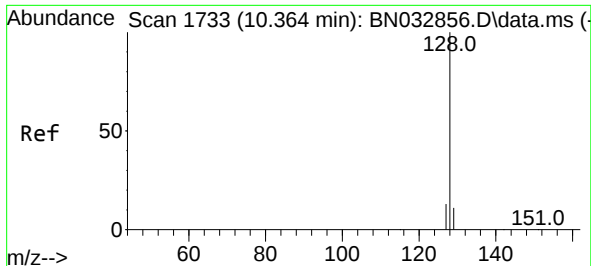
Instrument :
BNA_N
ClientSampleId :
A4BE8

Manual Integrations
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Supervised By :mohammad ahmed 07/22/2024

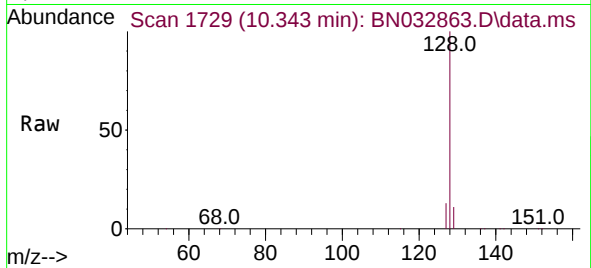
Quant Time: Jul 20 05:29:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 2.363 ng/ul
RT: 10.343 min Scan# 1729
Delta R.T. -0.021 min
Lab File: BN032863.D
Acq: 20 Jul 2024 05:02

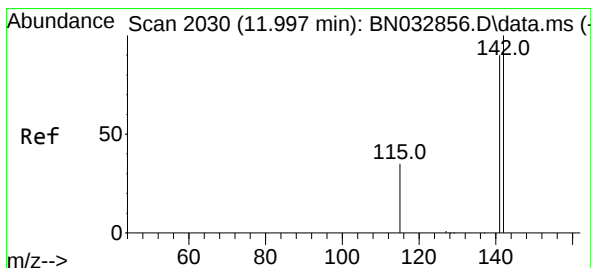
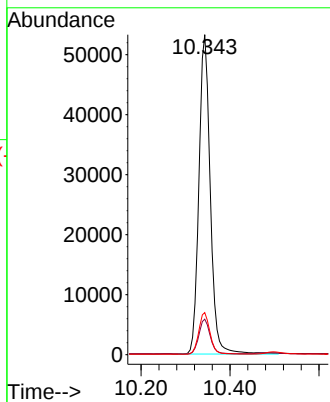
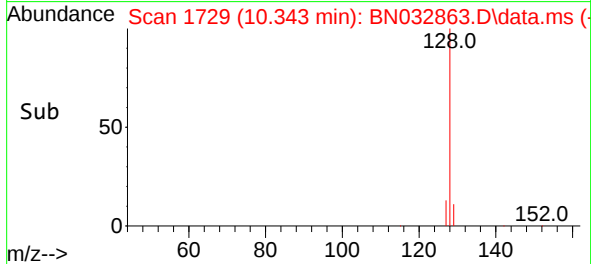
Instrument :
BNA_N
ClientSampleId :
A4BE8



Tgt Ion:128 Resp: 9452
Ion Ratio Lower Upper
128 100
129 11.1 10.0 15.0
127 13.2 11.6 17.4

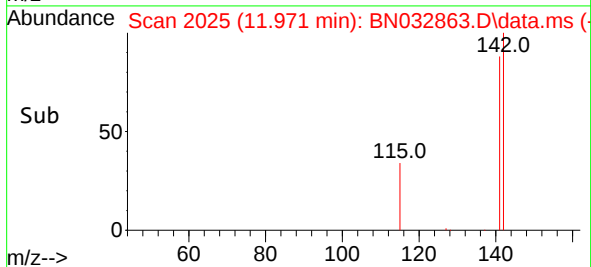
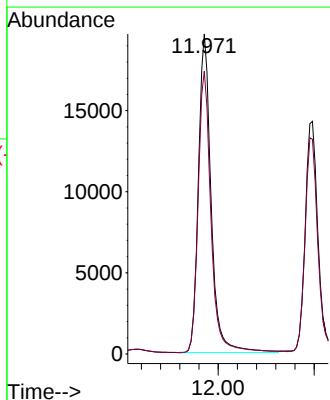
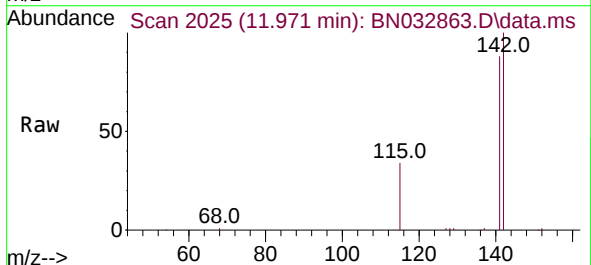
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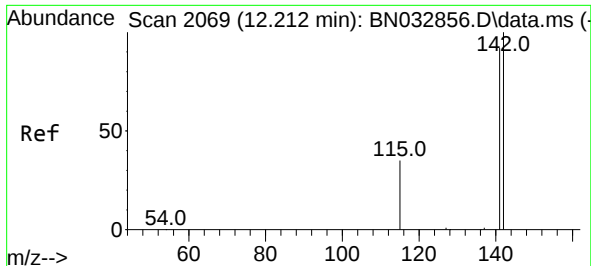
Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



#7
2-Methylnaphthalene
Concen: 1.449 ng/ul
RT: 11.971 min Scan# 2025
Delta R.T. -0.026 min
Lab File: BN032863.D
Acq: 20 Jul 2024 05:02

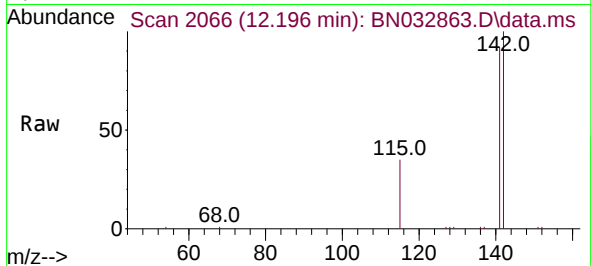
Tgt Ion:142 Resp: 36176
Ion Ratio Lower Upper
142 100
141 89.3 74.0 111.0





#8
1-Methylnaphthalene
Concen: 1.014 ng/ul
RT: 12.196 min Scan# 2066
Delta R.T. -0.015 min
Lab File: BN032863.D
Acq: 20 Jul 2024 05:02

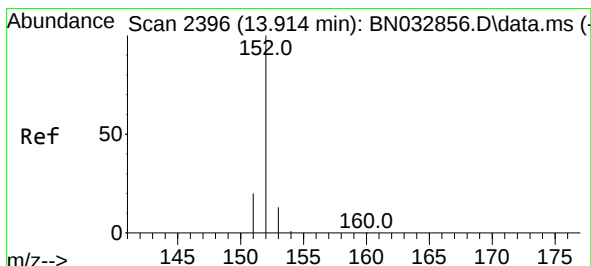
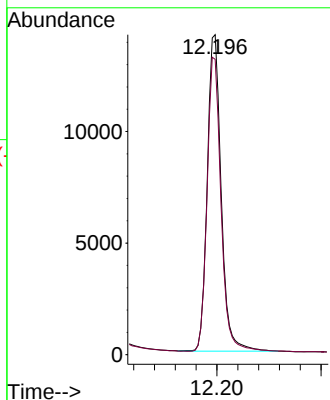
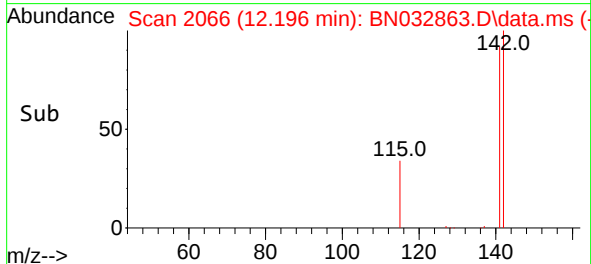
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 26192
Ion Ratio Lower Upper
142 100
141 92.8 75.0 112.4

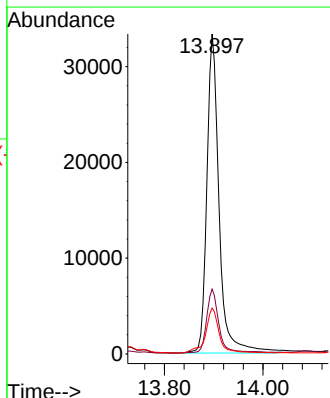
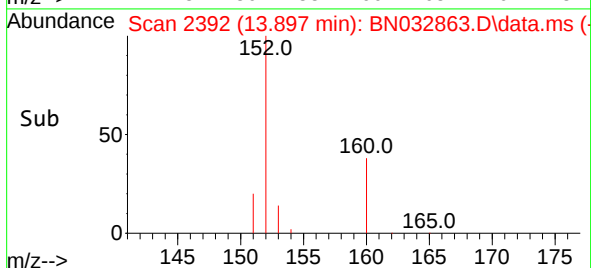
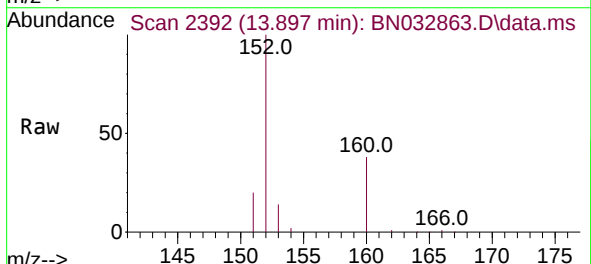
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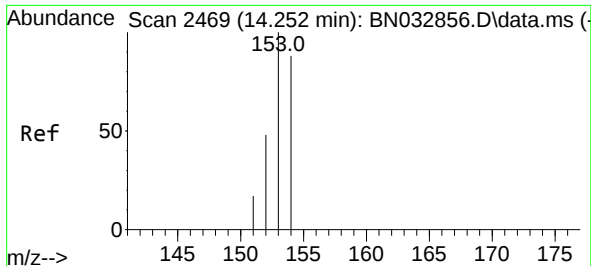
Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



#10
Acenaphthylene
Concen: 1.557 ng/ul
RT: 13.897 min Scan# 2392
Delta R.T. -0.017 min
Lab File: BN032863.D
Acq: 20 Jul 2024 05:02

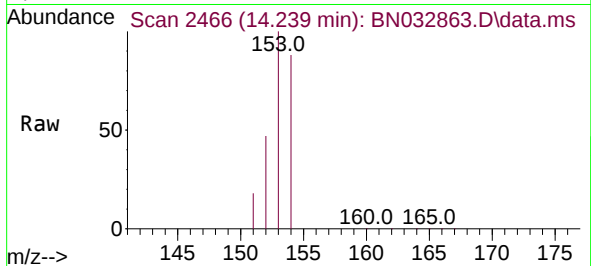
Tgt Ion:152 Resp: 57343
Ion Ratio Lower Upper
152 100
151 20.2 16.3 24.5
153 14.4 11.3 16.9





#11
Acenaphthene
Concen: 4.716 ng/ul
RT: 14.239 min Scan# 2466
Delta R.T. -0.012 min
Lab File: BN032863.D
Acq: 20 Jul 2024 05:02

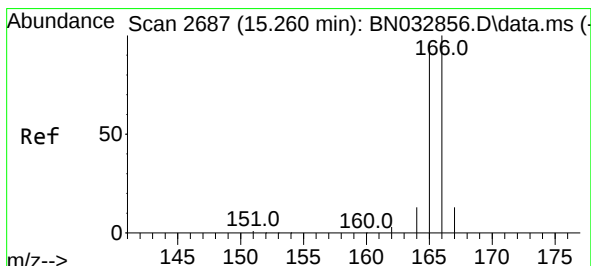
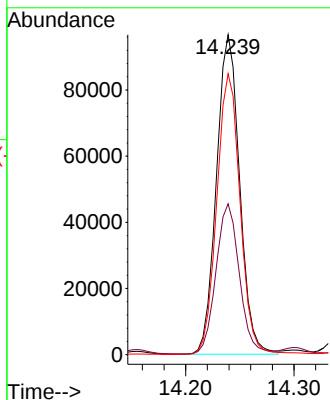
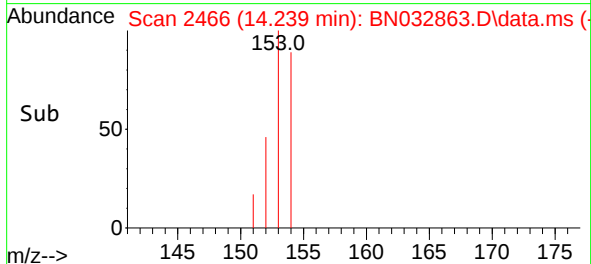
Instrument :
BNA_N
ClientSampleId :
A4BE8



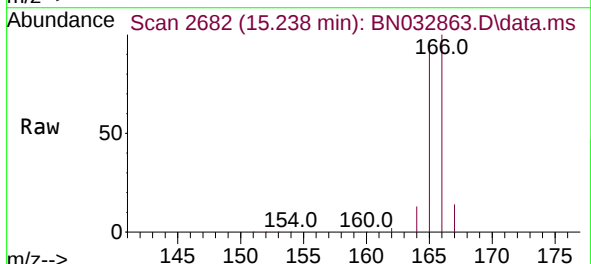
Tgt Ion:153 Resp: 143658
Ion Ratio Lower Upper
153 100
152 47.1 40.0 60.0
154 87.8 70.2 105.4

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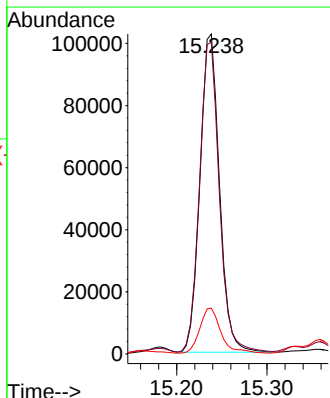
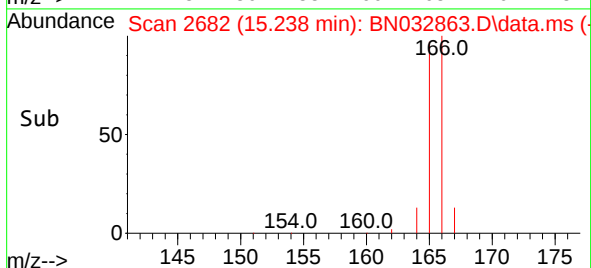
Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024

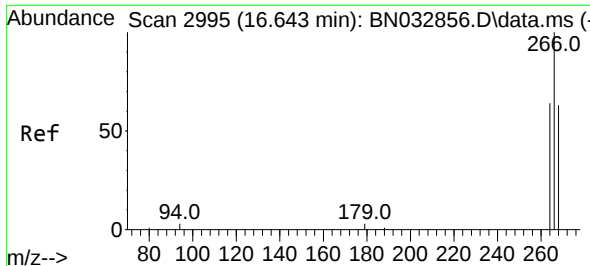


#12
Fluorene
Concen: 4.418 ng/ul
RT: 15.238 min Scan# 2682
Delta R.T. -0.022 min
Lab File: BN032863.D
Acq: 20 Jul 2024 05:02



Tgt Ion:166 Resp: 153866
Ion Ratio Lower Upper
166 100
165 97.4 79.7 119.5
167 14.3 11.4 17.2





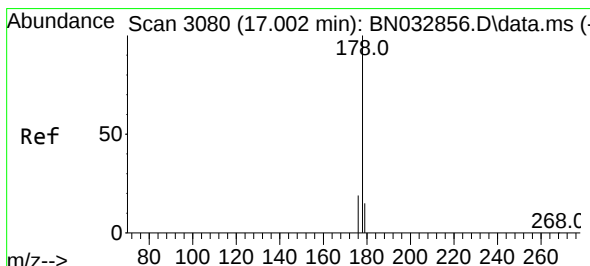
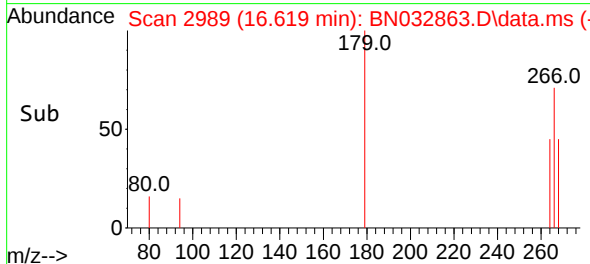
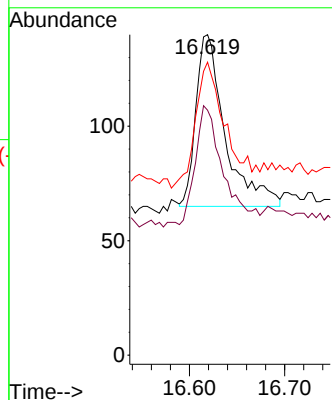
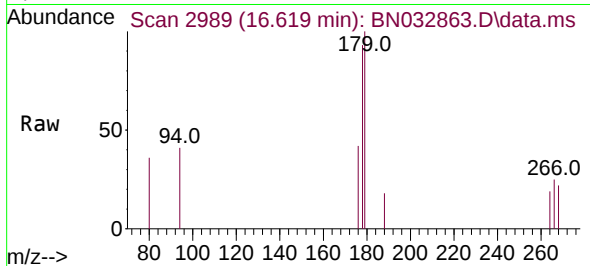
#14
Pentachlorophenol
Concen: 0.053 ng/ul m
RT: 16.619 min Scan# 2995
Delta R.T. -0.024 min
Lab File: BN032863.D
Acq: 20 Jul 2024 05:02

Instrument :
BNA_N
ClientSampleId :
A4BE8

Tgt Ion:266 Resp: 16
Ion Ratio Lower Upper
266 100
264 1.2 49.4 74.2
268 1.9 51.6 77.4

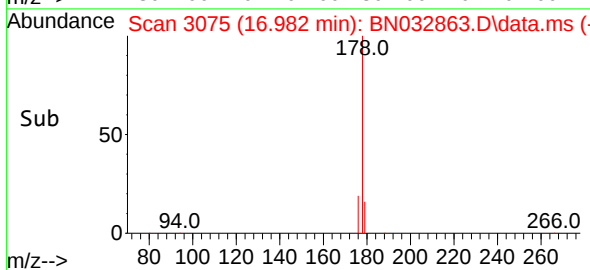
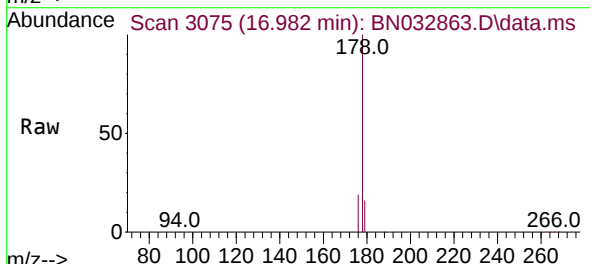
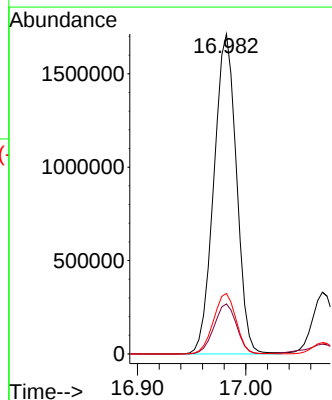
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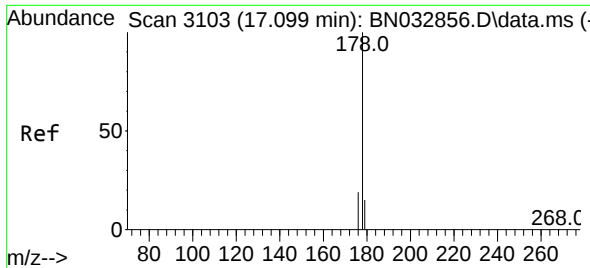
Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



#15
Phenanthrene
Concen: 52.742 ng/ul m
RT: 16.982 min Scan# 3075
Delta R.T. -0.020 min
Lab File: BN032863.D
Acq: 20 Jul 2024 05:02

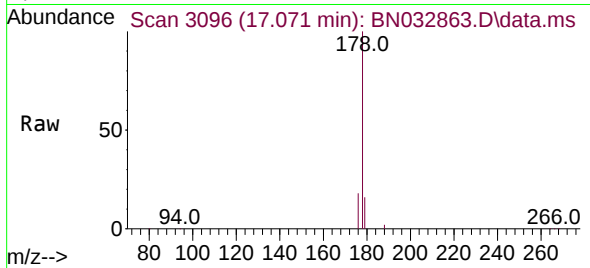
Tgt Ion:178 Resp: 2481513
Ion Ratio Lower Upper
178 100
179 15.6 13.0 19.4
176 18.9 15.6 23.4





#16
Anthracene
Concen: 11.903 ng/ul m
RT: 17.071 min Scan# 3096
Delta R.T. -0.028 min
Lab File: BN032863.D
Acq: 20 Jul 2024 05:02

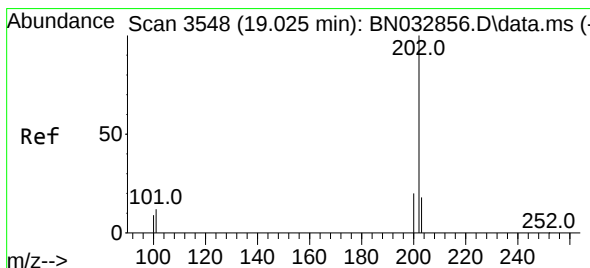
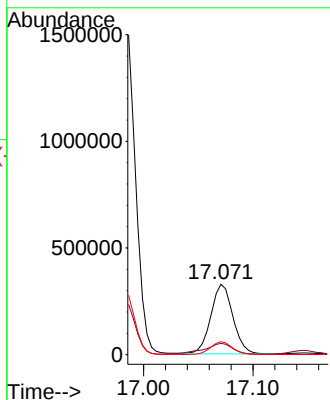
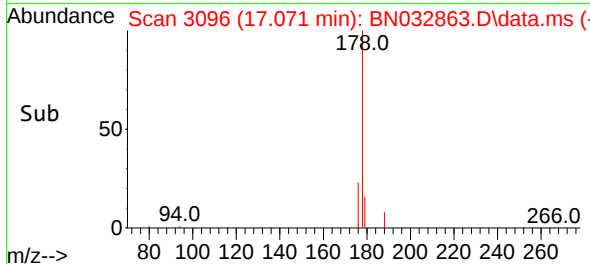
Instrument :
BNA_N
ClientSampleId :
A4BE8



Tgt Ion:178 Resp: 457547
Ion Ratio Lower Upper
178 100
179 16.1 13.4 20.2
176 18.4 15.4 23.0

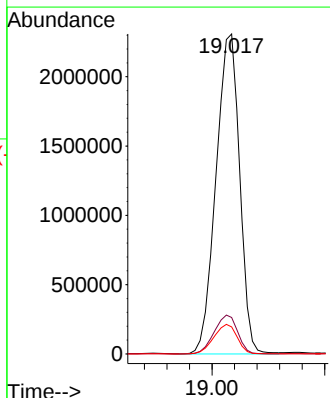
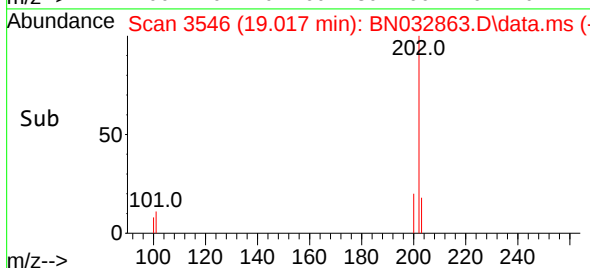
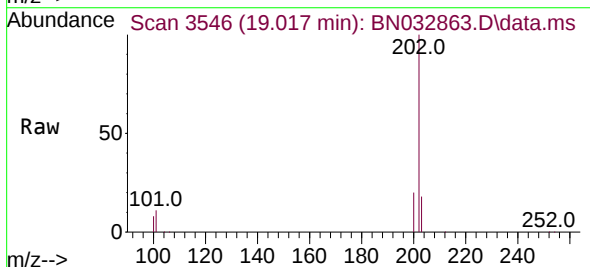
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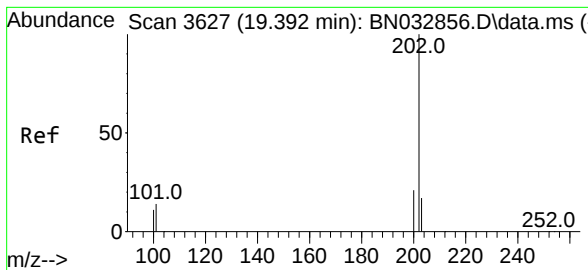
Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



#19
Fluoranthene
Concen: 63.234 ng/ul m
RT: 19.017 min Scan# 3546
Delta R.T. -0.008 min
Lab File: BN032863.D
Acq: 20 Jul 2024 05:02

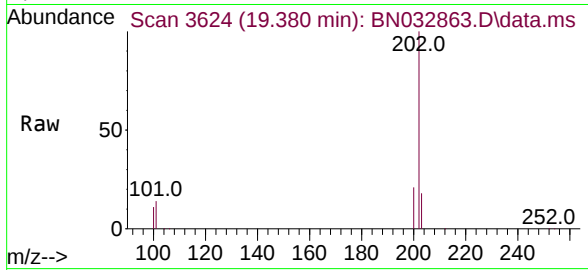
Tgt Ion:202 Resp: 3362560
Ion Ratio Lower Upper
202 100
101 11.4 9.8 14.8
100 8.5 7.9 11.9





#20
 Pyrene
 Concen: 50.734 ng/ul m
 RT: 19.380 min Scan# 3624
 Delta R.T. -0.013 min
 Lab File: BN032863.D
 Acq: 20 Jul 2024 05:02

Instrument :
 BNA_N
 ClientSampleId :
 A4BE8

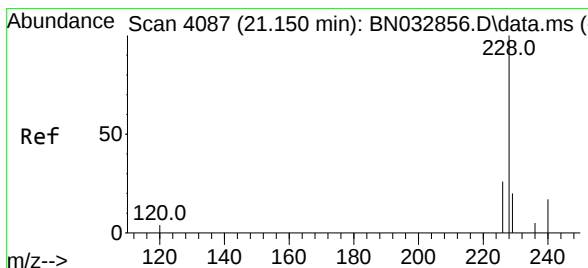
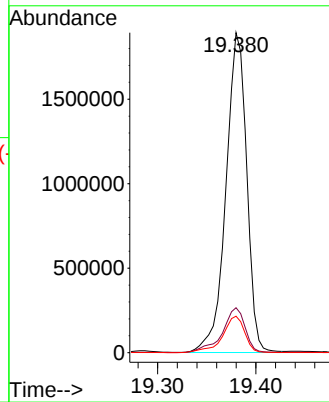
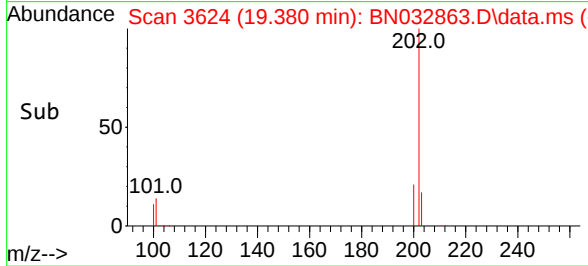


Tgt Ion: 202 Resp: 279249

Ion	Ratio	Lower	Upper
202	100		
101	14.0	11.8	17.6
100	11.4	9.6	14.4

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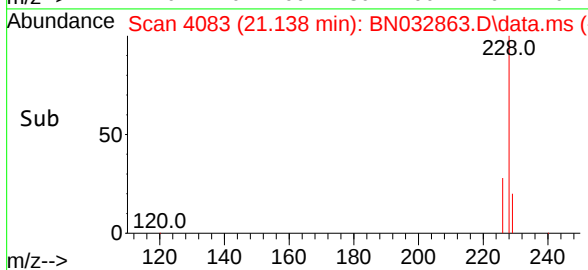
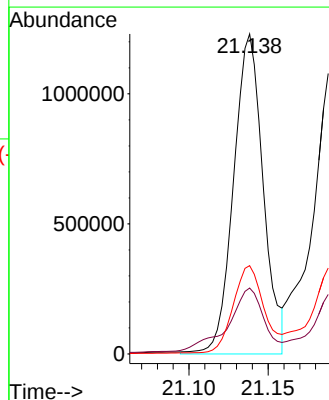
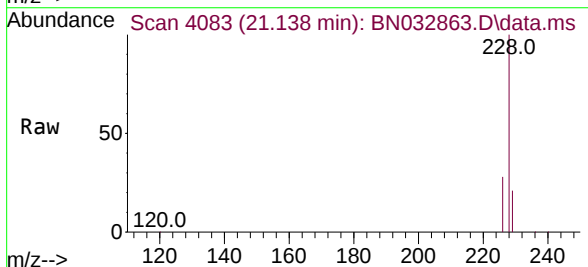
Reviewed By :Yogesh Patel 07/22/2024
 Supervised By :mohammad ahmed 07/22/2024

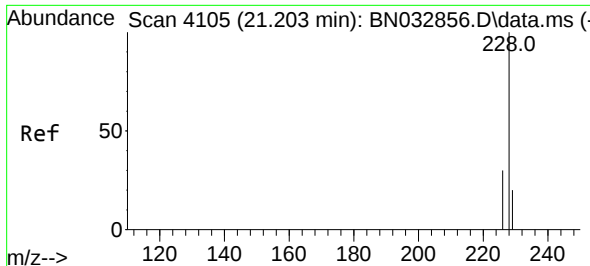


#21
 Benzo(a)anthracene
 Concen: 38.467 ng/ul m
 RT: 21.138 min Scan# 4083
 Delta R.T. -0.012 min
 Lab File: BN032863.D
 Acq: 20 Jul 2024 05:02

Tgt Ion: 228 Resp: 1601453

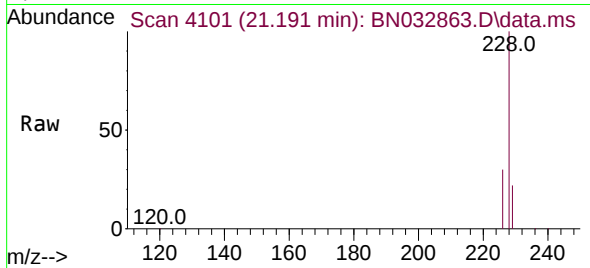
Ion	Ratio	Lower	Upper
228	100		
229	20.6	16.1	24.1
226	27.6	21.9	32.9





#22
Chrysene
Concen: 28.021 ng/ul m
RT: 21.191 min Scan# 4105
Delta R.T. -0.012 min
Lab File: BN032863.D
Acq: 20 Jul 2024 05:02

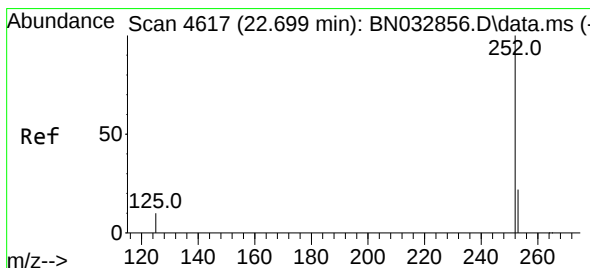
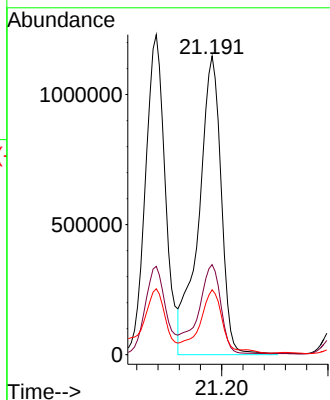
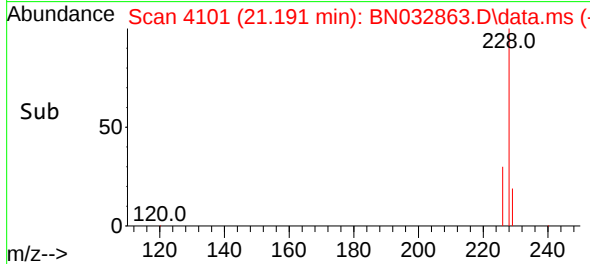
Instrument :
BNA_N
ClientSampleId :
A4BE8



Tgt Ion:228 Resp: 168759
Ion Ratio Lower Upper
228 100
226 30.2 24.0 36.0
229 21.8 15.8 23.6

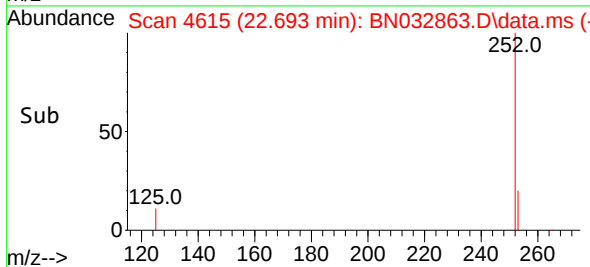
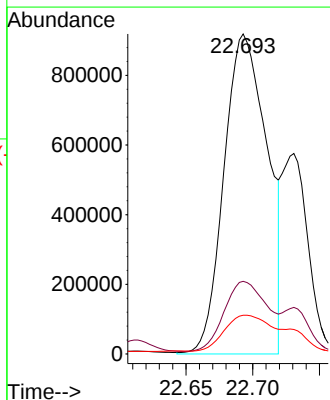
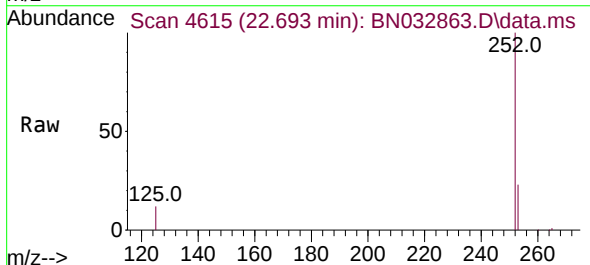
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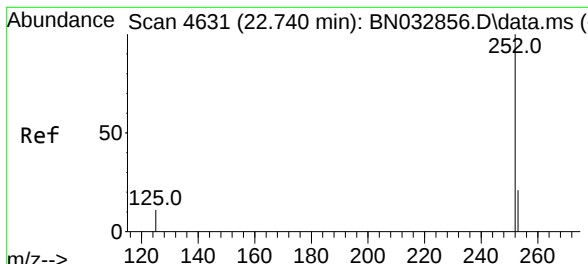
Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



#24
Benzo(b)fluoranthene
Concen: 27.266 ng/ul m
RT: 22.693 min Scan# 4615
Delta R.T. -0.006 min
Lab File: BN032863.D
Acq: 20 Jul 2024 05:02

Tgt Ion:252 Resp: 2069037
Ion Ratio Lower Upper
252 100
253 22.7 0.0 54.0
125 12.1 0.0 36.0





#25
 Benzo(k)fluoranthene
 Concen: 8.550 ng/ul m
 RT: 22.731 min Scan# 406
 Delta R.T. -0.009 min
 Lab File: BN032863.D
 Acq: 20 Jul 2024 05:02

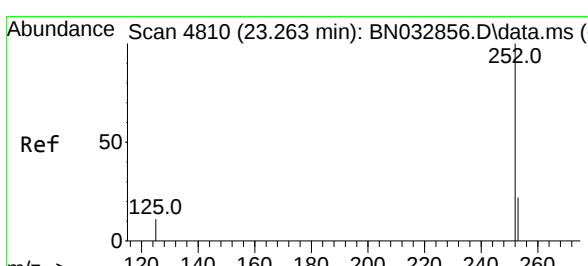
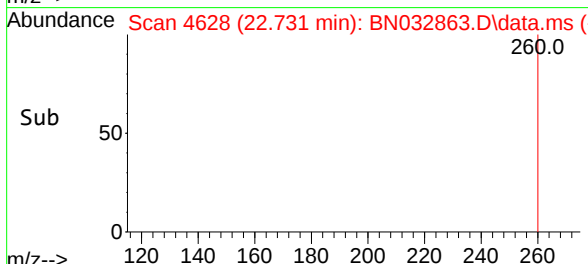
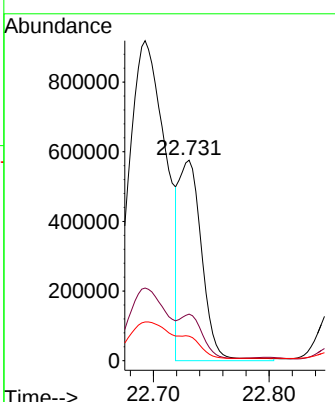
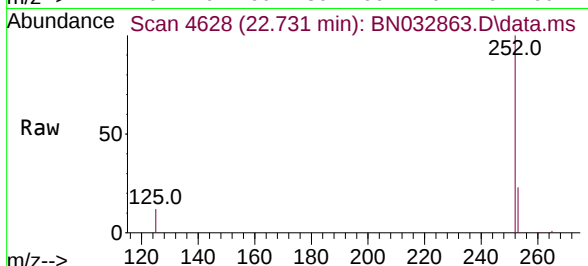
Instrument :
 BNA_N
 ClientSampleId :
 A4BE8

Tgt Ion:252 Resp: 790729

Ion	Ratio	Lower	Upper
252	100		
253	23.3	21.2	31.8
125	12.2	14.8	22.2

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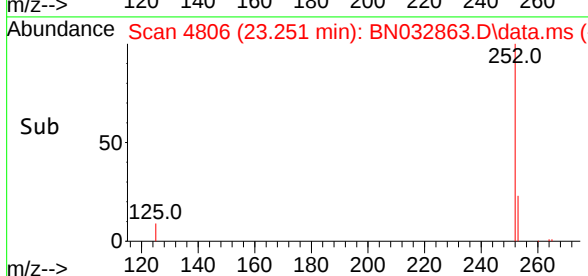
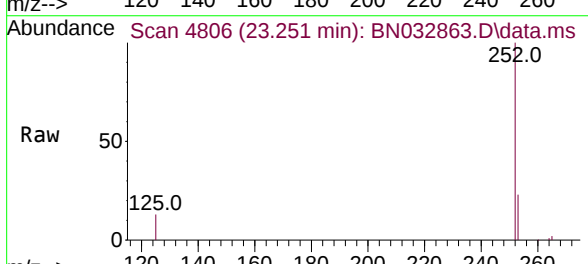
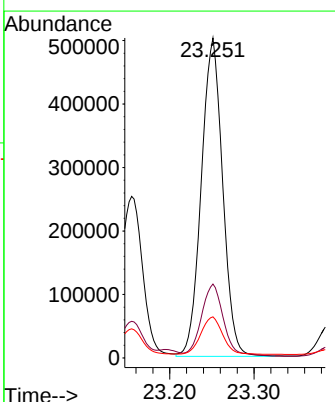
Reviewed By :Yogesh Patel 07/22/2024
 Supervised By :mohammad ahmed 07/22/2024

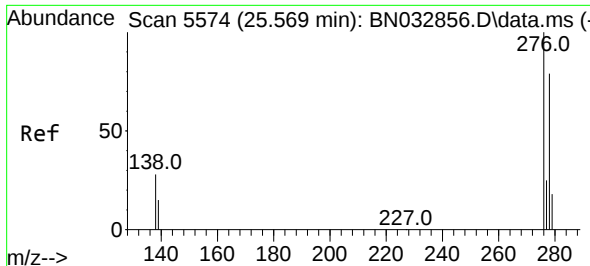


#26
 Benzo(a)pyrene
 Concen: 13.433 ng/ul m
 RT: 23.251 min Scan# 4806
 Delta R.T. -0.012 min
 Lab File: BN032863.D
 Acq: 20 Jul 2024 05:02

Tgt Ion:252 Resp: 882132

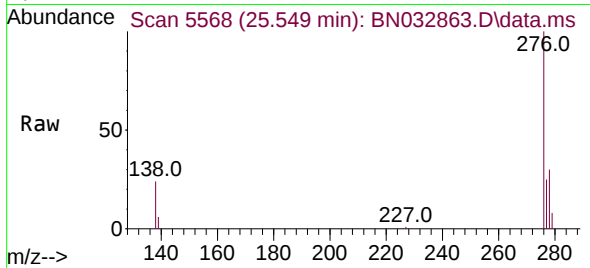
Ion	Ratio	Lower	Upper
252	100		
253	23.1	25.4	38.0#
125	12.9	20.6	30.8#





#27
Indeno(1,2,3-cd)pyrene
Concen: 8.622 ng/ul m
RT: 25.549 min Scan# 5568
Delta R.T. -0.020 min
Lab File: BN032863.D
Acq: 20 Jul 2024 05:02

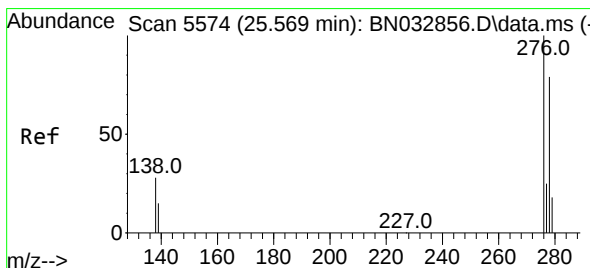
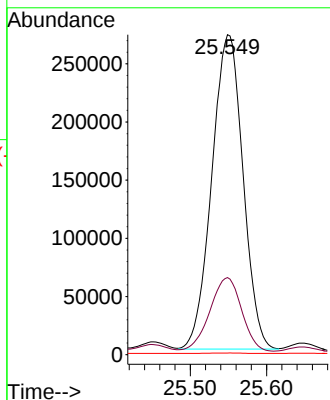
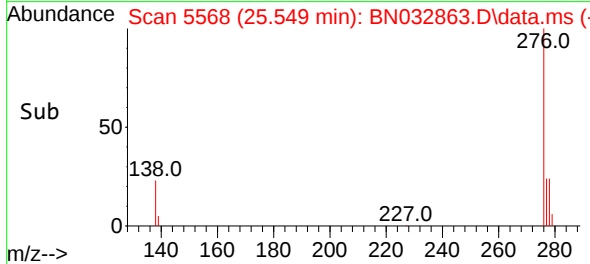
Instrument :
BNA_N
ClientSampleId :
A4BE8



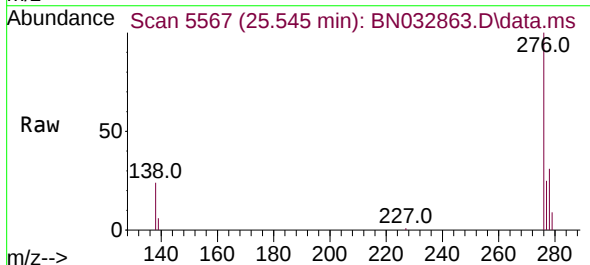
Tgt Ion:276 Resp: 766718
Ion Ratio Lower Upper
276 100
138 4.3 21.6 32.4
227 0.0 0.0 0.0

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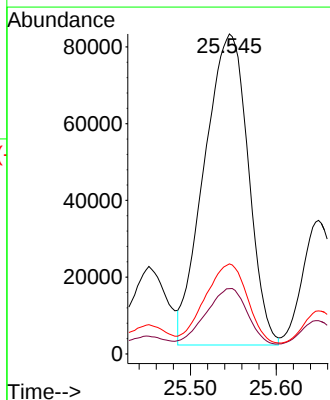
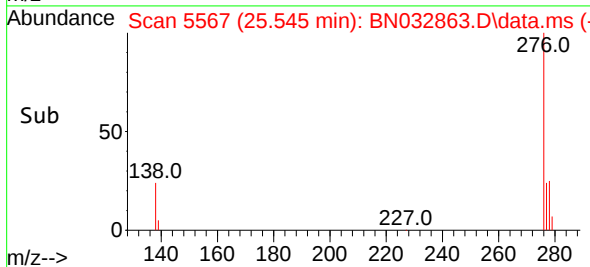
Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024

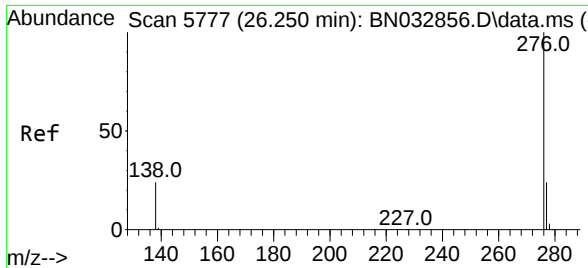


#28
Dibenzo(a,h)anthracene
Concen: 4.196 ng/ul m
RT: 25.545 min Scan# 5567
Delta R.T. -0.024 min
Lab File: BN032863.D
Acq: 20 Jul 2024 05:02



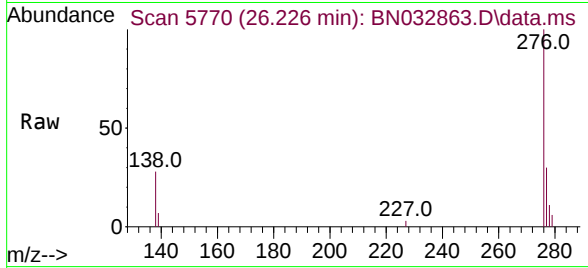
Tgt Ion:278 Resp: 289228
Ion Ratio Lower Upper
278 100
139 20.4 16.6 24.8
279 28.2 23.7 35.5





#29
 Benzo(g,h,i)perylene
 Concen: 1.536 ng/ul m
 RT: 26.226 min Scan# 51
 Delta R.T. -0.024 min
 Lab File: BN032863.D
 Acq: 20 Jul 2024 05:02

Instrument :
 BNA_N
 ClientSampleId :
 A4BE8



Tgt Ion:276 Resp: 114150
 Ion Ratio Lower Upper
 276 100
 138 28.2 21.0 31.4
 277 30.1 20.6 31.0

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

