

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032477.D
 Acq On : 04 Jul 2024 16:57
 Operator : MA/JU
 Sample : P2964-11
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CS5

Manual Integrations
 APPROVED

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

Quant Time: Jul 04 23:07:05 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	8932	0.400	ng/ul	0.00
4) Naphthalene-d8	10.371	136	27324	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.244	164	16001	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.999	188	28833m	0.400	ng/ul	0.00
17) Chrysene-d12	21.211	240	18711m	0.400	ng/ul	0.00
23) Perylene-d12	23.430	264	26086m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	26461	2.665	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.966	152	7485	0.183	ng/ul	-0.01
18) Fluoranthene-d10	19.036	212	12609m	0.224	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.420	128	105760	1.463	ng/ul	99
7) 2-Methylnaphthalene	12.043	142	39812	0.831	ng/ul	98
8) 1-Methylnaphthalene	12.263	142	23579	0.474	ng/ul	99
10) Acenaphthylene	13.962	152	141716	2.129	ng/ul	99
11) Acenaphthene	14.304	153	31542	0.611	ng/ul	98
12) Fluorene	15.299	166	45779	0.744	ng/ul#	99
14) Pentachlorophenol	16.666	266	654m	0.100	ng/ul	
15) Phenanthrene	17.041	178	844516m	10.683	ng/ul	
16) Anthracene	17.134	178	217638m	3.087	ng/ul	
19) Fluoranthene	19.069	202	1405923m	19.732	ng/ul	
20) Pyrene	19.436	202	1147006m	15.405	ng/ul	
21) Benzo(a)anthracene	21.194	228	720081m	10.663	ng/ul	
22) Chrysene	21.246	228	827128m	11.159	ng/ul	
24) Benzo(b)fluoranthene	22.766	252	1138036m	10.041	ng/ul	
25) Benzo(k)fluoranthene	22.804	252	385047m	3.497	ng/ul	
26) Benzo(a)pyrene	23.333	252	484924m	6.150	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.670	276	562709m	4.558	ng/ul	
28) Dibenzo(a,h)anthracene	25.670	278	193816m	2.113	ng/ul	
29) Benzo(g,h,i)perylene	26.357	276	87804m	0.893	ng/ul	

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

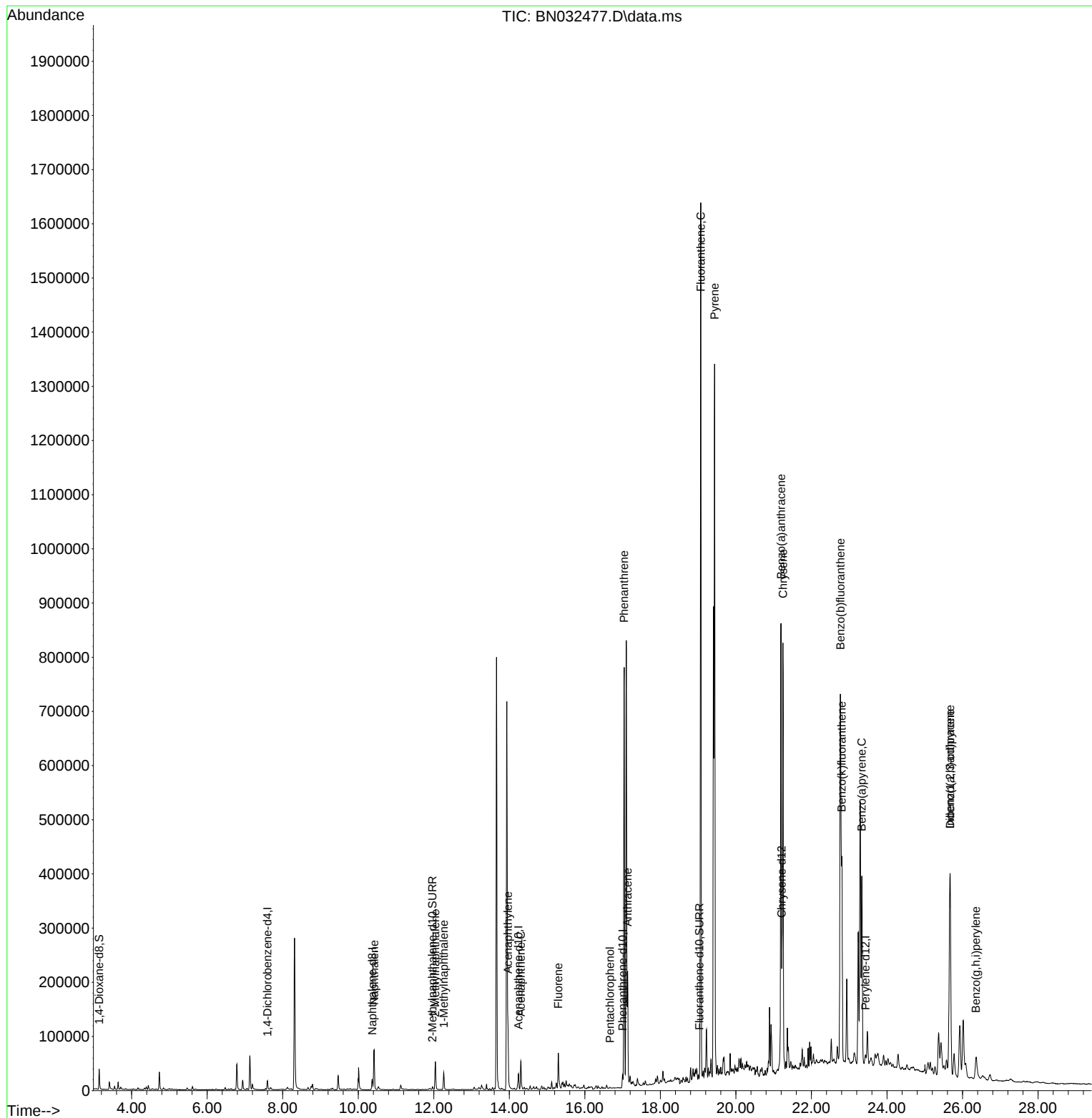
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032477.D
Acq On : 04 Jul 2024 16:57
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Sample : P2964-11
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ALS Vial : 50 Sample Multiplier: 1

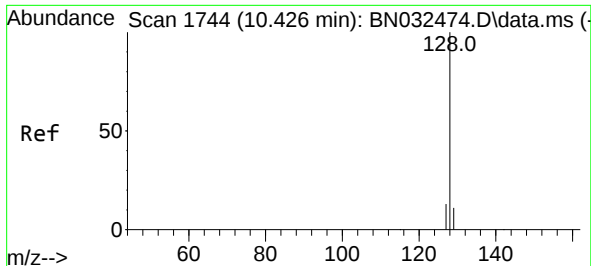
Instrument :
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ClientSampleId :
A4CS5

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Supervised By :mohammad ahmed 07/05/2024

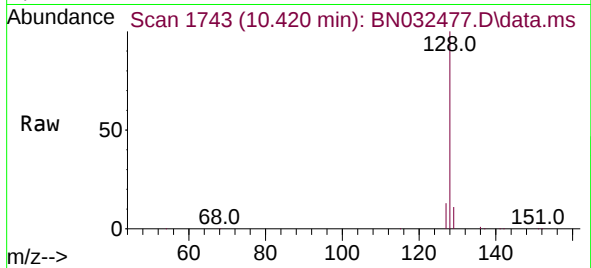
Quant Time: Jul 04 23:07:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 1.463 ng/ul
RT: 10.420 min Scan# 1743
Delta R.T. -0.011 min
Lab File: BN032477.D
Acq: 04 Jul 2024 16:57

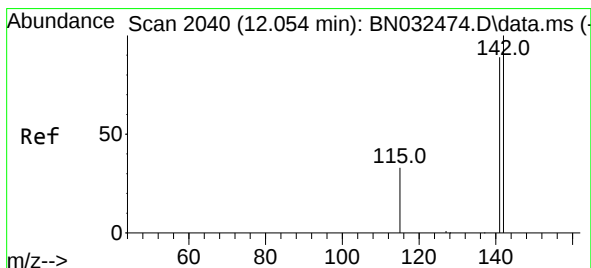
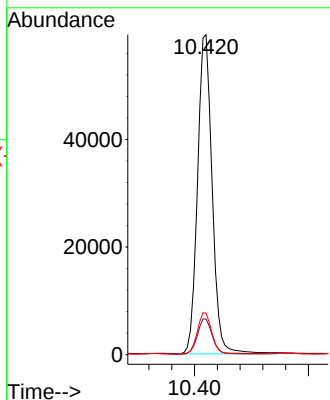
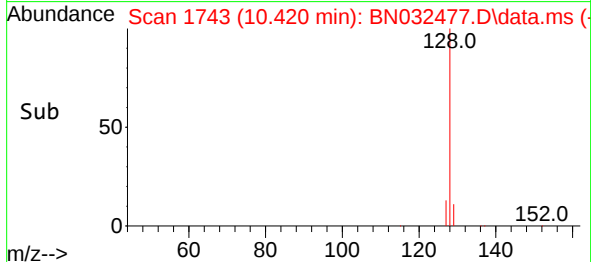
Instrument :
BNA_N
ClientSampleId :
A4CS5



Tgt Ion:128 Resp: 105760
Ion Ratio Lower Upper
128 100
129 11.2 9.2 13.8
127 13.0 10.8 16.2

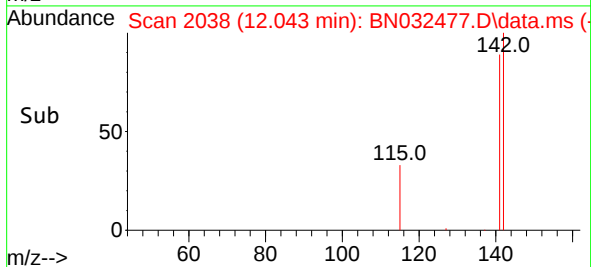
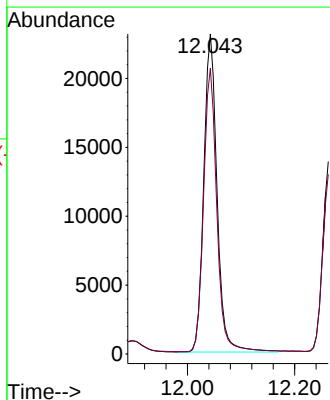
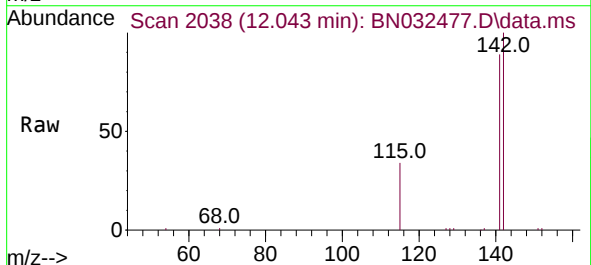
Manual Integrations
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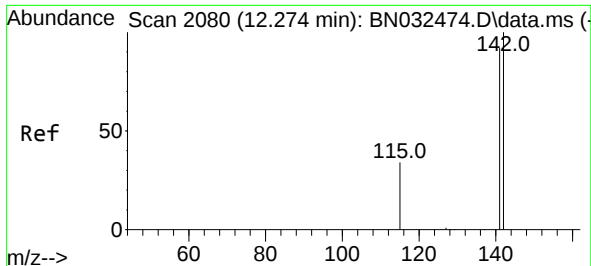
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#7
2-Methylnaphthalene
Concen: 0.831 ng/ul
RT: 12.043 min Scan# 2038
Delta R.T. -0.011 min
Lab File: BN032477.D
Acq: 04 Jul 2024 16:57

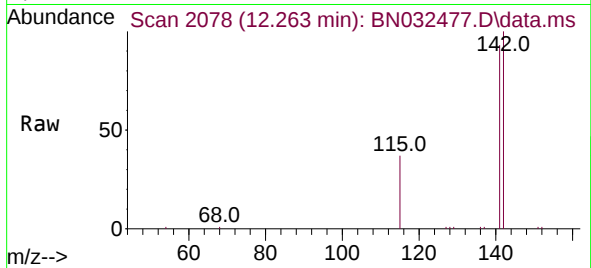
Tgt Ion:142 Resp: 39812
Ion Ratio Lower Upper
142 100
141 88.6 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.474 ng/ul
RT: 12.263 min Scan# 2080
Delta R.T. -0.011 min
Lab File: BN032477.D
Acq: 04 Jul 2024 16:57

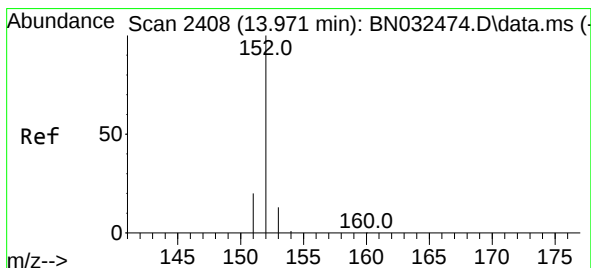
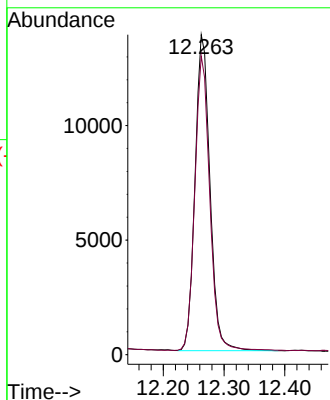
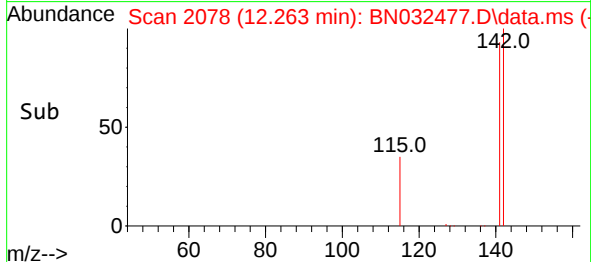
Instrument :
BNA_N
ClientSampleId :
A4CS5



Tgt Ion:142 Resp: 23579
Ion Ratio Lower Upper
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141 93.0 73.4 110.0

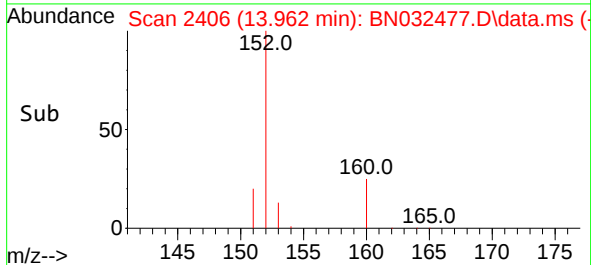
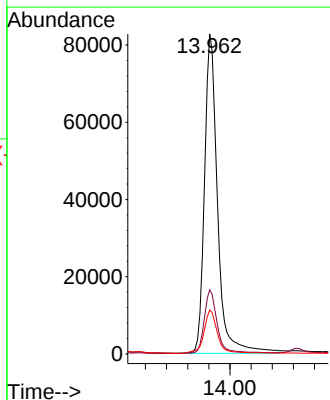
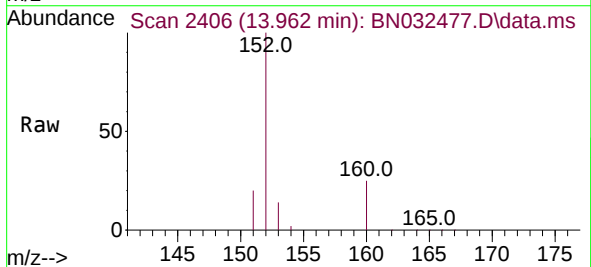
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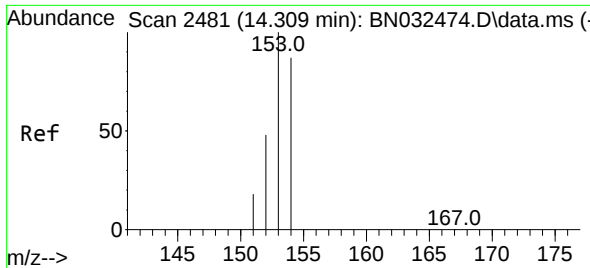
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#10
Acenaphthylene
Concen: 2.129 ng/ul
RT: 13.962 min Scan# 2406
Delta R.T. -0.009 min
Lab File: BN032477.D
Acq: 04 Jul 2024 16:57

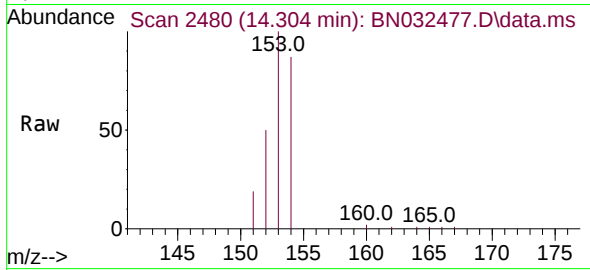
Tgt Ion:152 Resp: 141716
Ion Ratio Lower Upper
152 100
151 20.0 15.7 23.5
153 13.7 10.9 16.3





#11
Acenaphthene
Concen: 0.611 ng/ul
RT: 14.304 min Scan# 2481
Delta R.T. -0.009 min
Lab File: BN032477.D
Acq: 04 Jul 2024 16:57

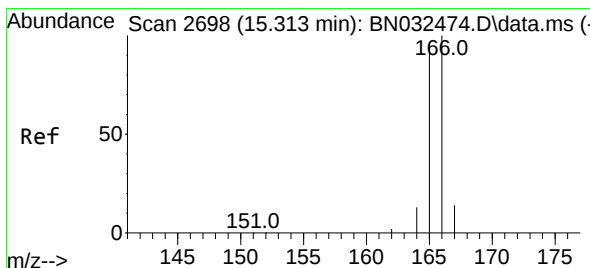
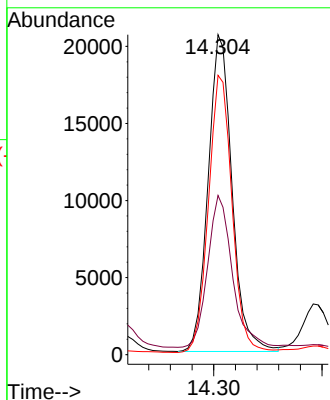
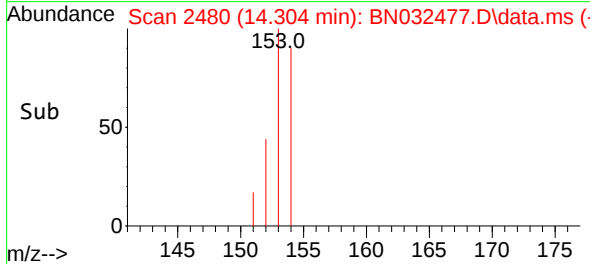
Instrument :
BNA_N
ClientSampleId :
A4CS5



Tgt Ion:153 Resp: 31542
Ion Ratio Lower Upper
153 100
152 49.8 39.5 59.3
154 87.3 71.7 107.5

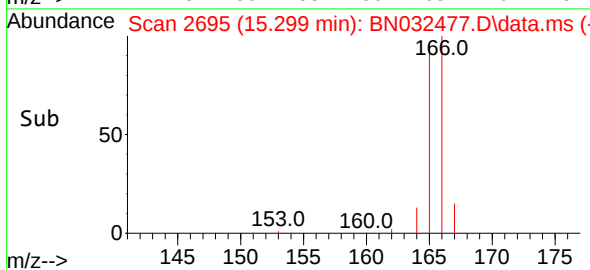
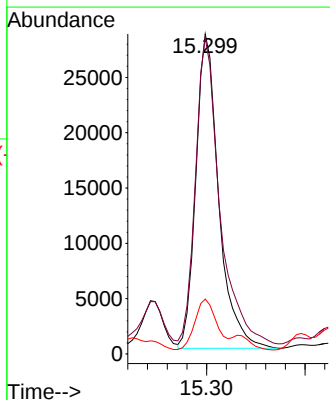
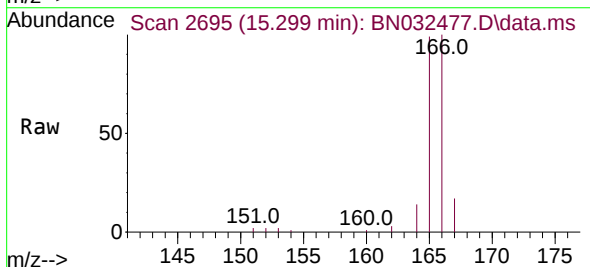
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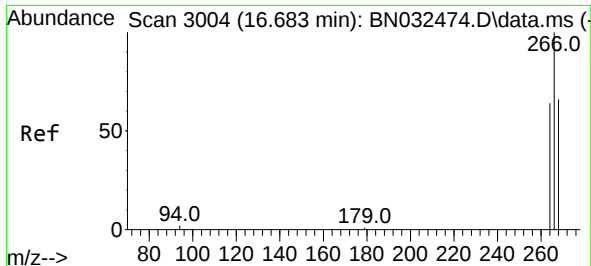
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#12
Fluorene
Concen: 0.744 ng/ul
RT: 15.299 min Scan# 2695
Delta R.T. -0.014 min
Lab File: BN032477.D
Acq: 04 Jul 2024 16:57

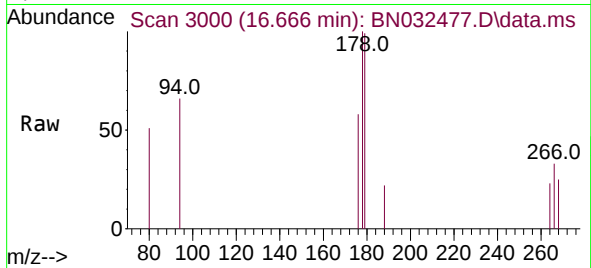
Tgt Ion:166 Resp: 45779
Ion Ratio Lower Upper
166 100
165 98.7 79.0 118.6
167 17.1 11.0 16.6#





#14
Pentachlorophenol
Concen: 0.100 ng/ul m
RT: 16.666 min Scan# 3000
Delta R.T. -0.008 min
Lab File: BN032477.D
Acq: 04 Jul 2024 16:57

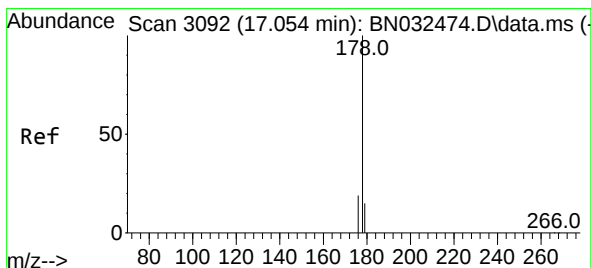
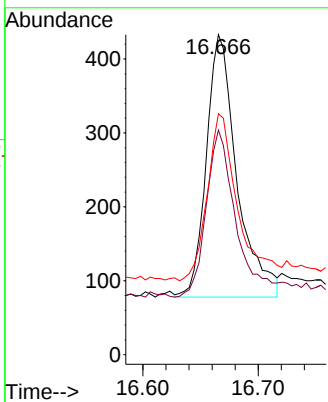
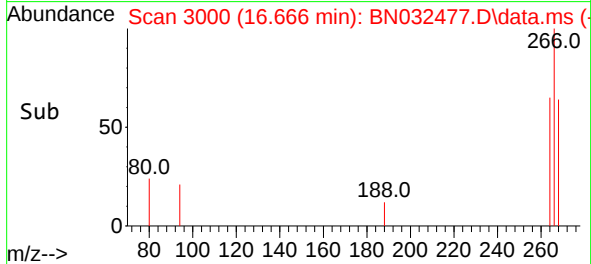
Instrument :
BNA_N
ClientSampleId :
A4CS5



Tgt Ion:266 Resp: 654
Ion Ratio Lower Upper
266 100
264 0.0 49.9 74.9
268 1.4 52.4 78.6

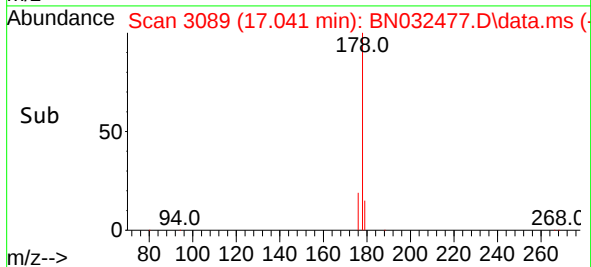
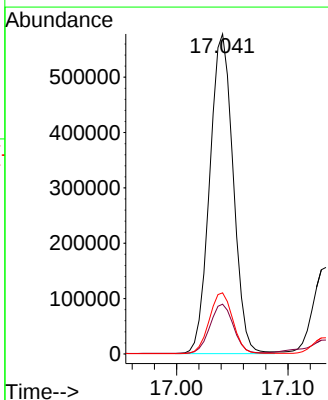
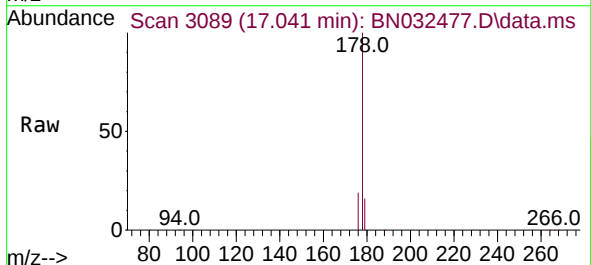
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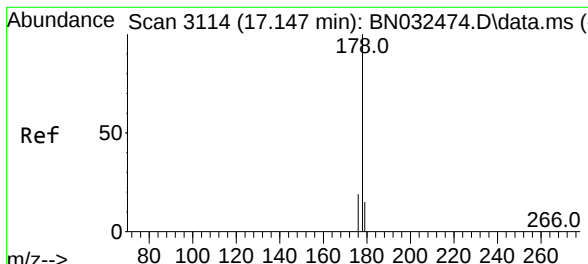
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#15
Phenanthrene
Concen: 10.683 ng/ul m
RT: 17.041 min Scan# 3089
Delta R.T. -0.008 min
Lab File: BN032477.D
Acq: 04 Jul 2024 16:57

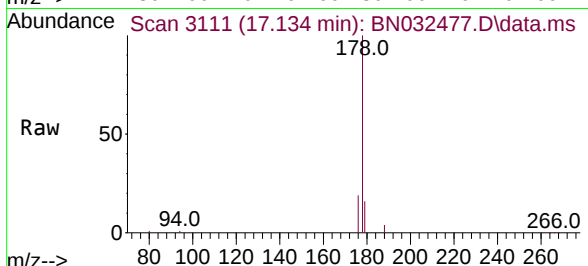
Tgt Ion:178 Resp: 844516
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 19.1 15.6 23.4





#16
 Anthracene
 Concen: 3.087 ng/ul m
 RT: 17.134 min Scan# 3111
 Delta R.T. -0.008 min
 Lab File: BN032477.D
 Acq: 04 Jul 2024 16:57

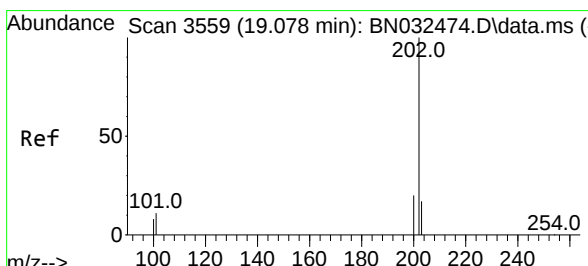
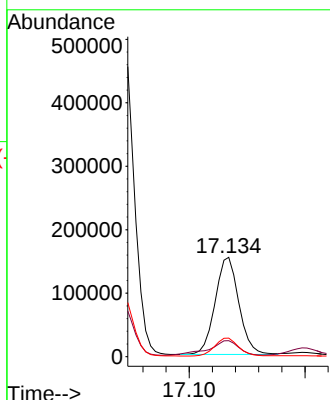
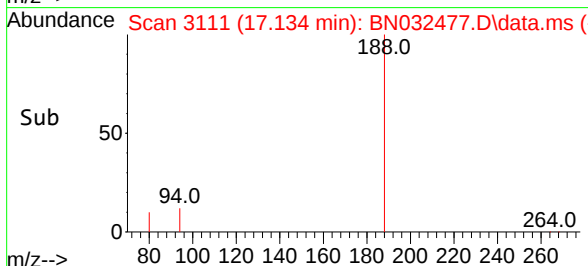
Instrument :
 BNA_N
 ClientSampleId :
 A4CS5



Tgt Ion:178 Resp: 217638
 Ion Ratio Lower Upper
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 179 16.2 12.5 18.7
 176 18.6 15.0 22.6

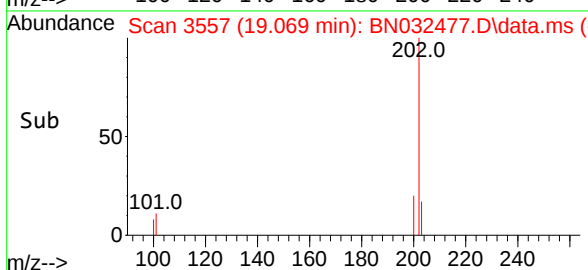
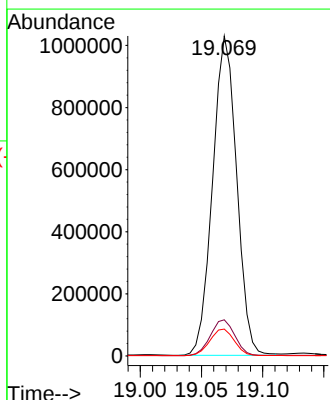
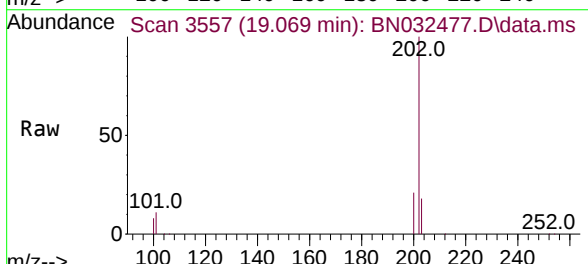
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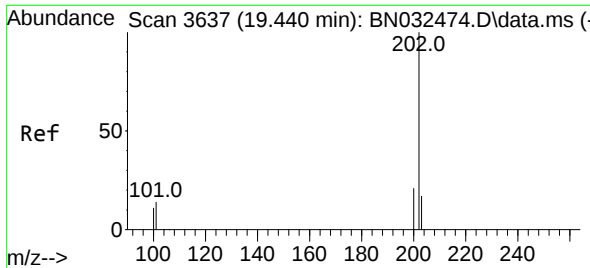
Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024



#19
 Fluoranthene
 Concen: 19.732 ng/ul m
 RT: 19.069 min Scan# 3557
 Delta R.T. -0.005 min
 Lab File: BN032477.D
 Acq: 04 Jul 2024 16:57

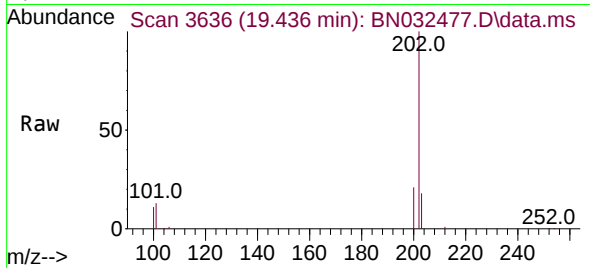
Tgt Ion:202 Resp: 1405923
 Ion Ratio Lower Upper
 202 100
 101 11.3 8.8 13.2
 100 8.4 6.4 9.6





#20
Pyrene
Concen: 15.405 ng/ul m
RT: 19.436 min Scan# 3636
Delta R.T. -0.005 min
Lab File: BN032477.D
Acq: 04 Jul 2024 16:57

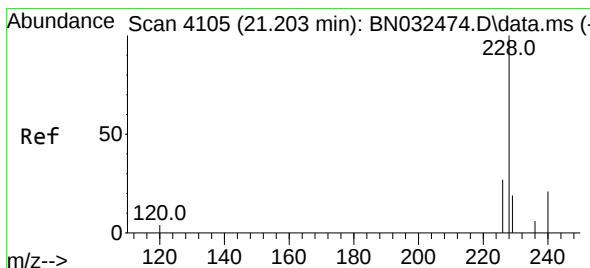
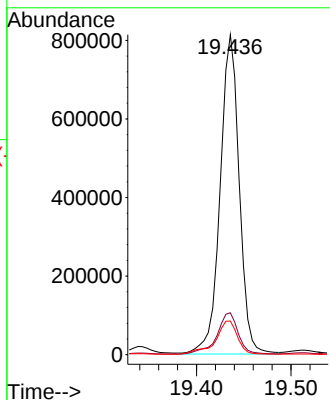
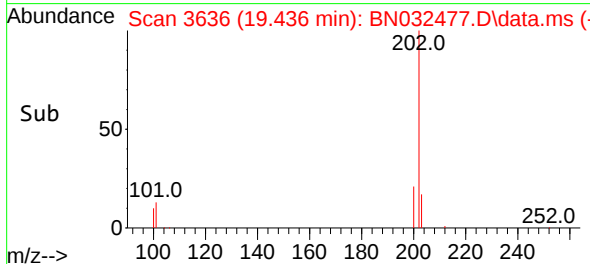
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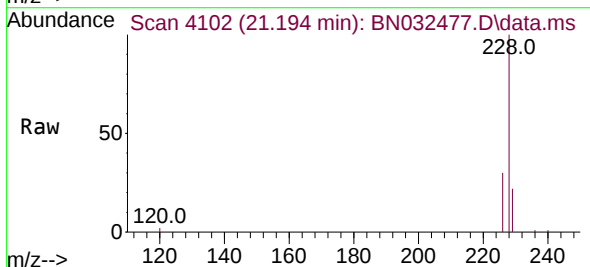
Tgt Ion:202 Resp: 1147000
Ion Ratio Lower Upper
202 100
101 13.1 11.0 16.4
100 10.5 8.7 13.1

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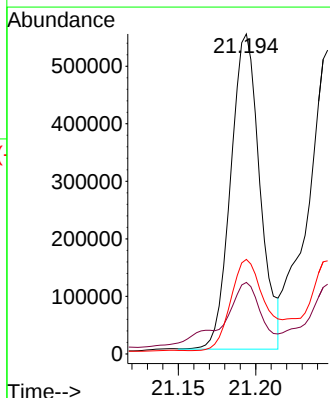
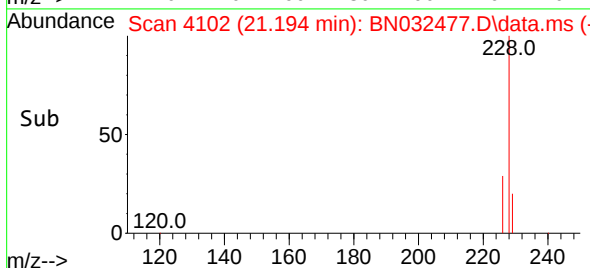
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

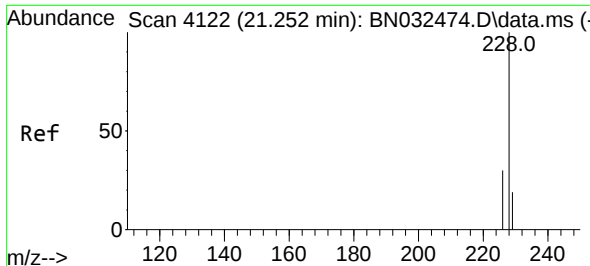


#21
Benzo(a)anthracene
Concen: 10.663 ng/ul m
RT: 21.194 min Scan# 4102
Delta R.T. 0.003 min
Lab File: BN032477.D
Acq: 04 Jul 2024 16:57



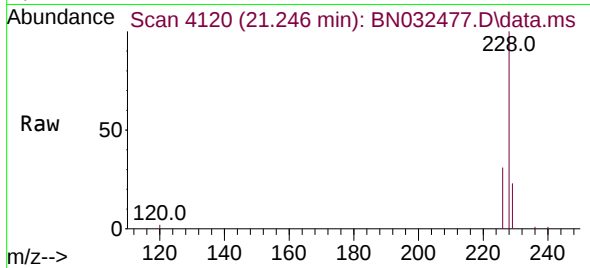
Tgt Ion:228 Resp: 720081
Ion Ratio Lower Upper
228 100
229 22.3 15.7 23.5
226 29.6 21.8 32.8





#22
Chrysene
Concen: 11.159 ng/ul m
RT: 21.246 min Scan# 4122
Delta R.T. 0.003 min
Lab File: BN032477.D
Acq: 04 Jul 2024 16:57

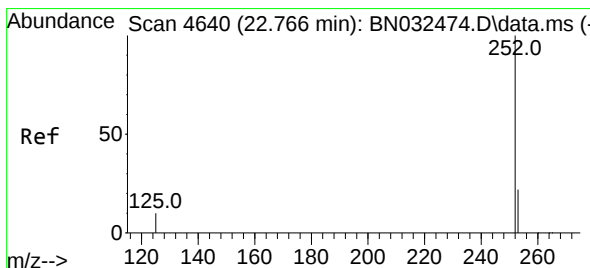
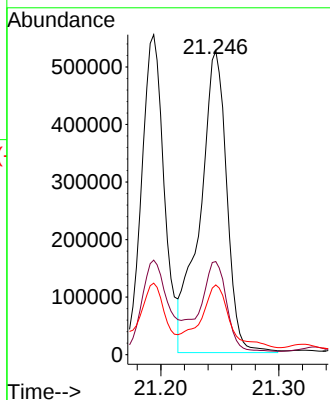
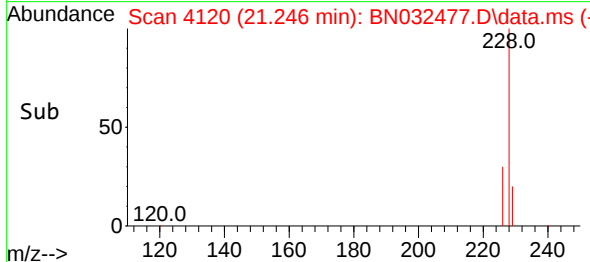
Instrument :
BNA_N
ClientSampleId :
A4CS5



Tgt Ion:228 Resp: 827128
Ion Ratio Lower Upper
228 100
226 30.6 23.6 35.4
229 23.0 15.7 23.5

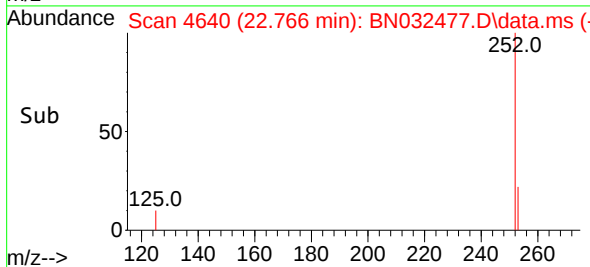
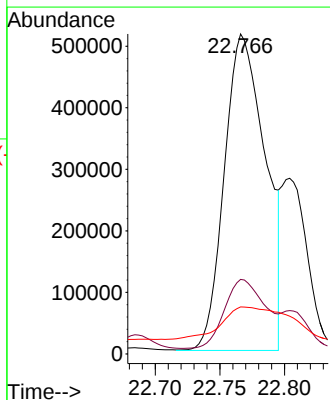
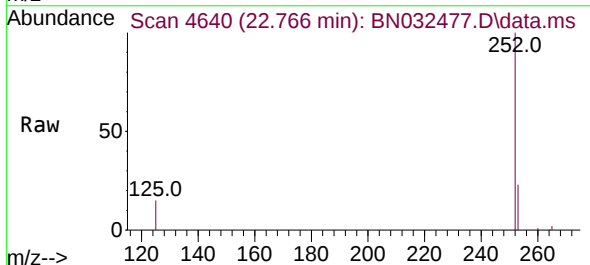
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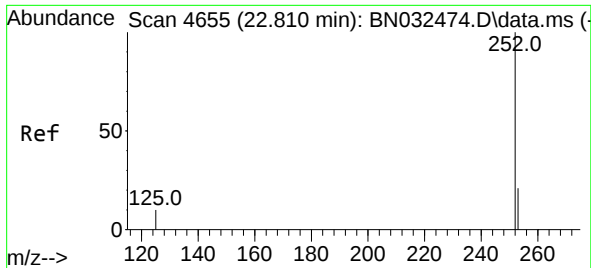
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#24
Benzo(b)fluoranthene
Concen: 10.041 ng/ul m
RT: 22.766 min Scan# 4640
Delta R.T. 0.009 min
Lab File: BN032477.D
Acq: 04 Jul 2024 16:57

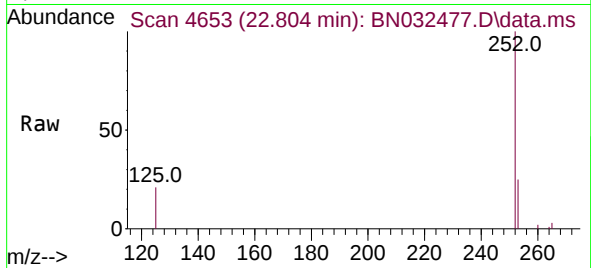
Tgt Ion:252 Resp: 1138036
Ion Ratio Lower Upper
252 100
253 23.3 0.0 50.2
125 14.7 0.0 32.0





#25
Benzo(k)fluoranthene
Concen: 3.497 ng/ul m
RT: 22.804 min Scan# 4653
Delta R.T. 0.003 min
Lab File: BN032477.D
Acq: 04 Jul 2024 16:57

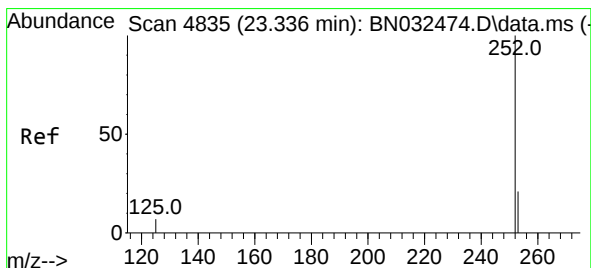
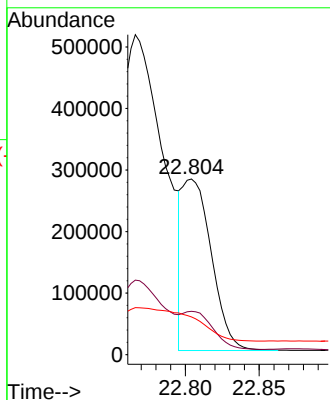
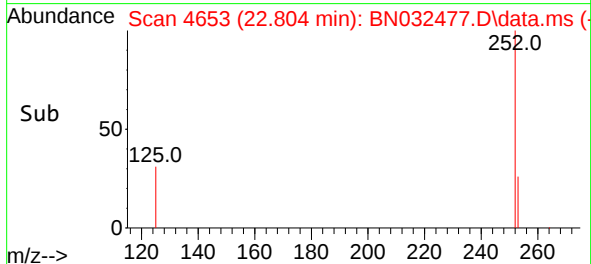
Instrument :
BNA_N
ClientSampleId :
A4CS5



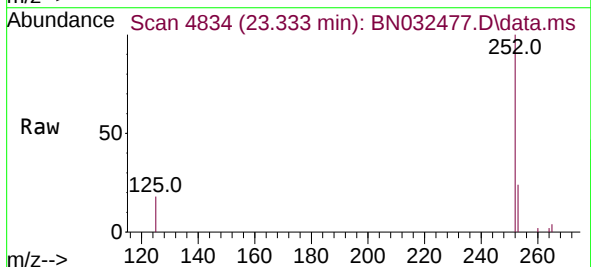
Tgt Ion:252 Resp: 385045
Ion Ratio Lower Upper
252 100
253 24.7 20.3 30.5
125 21.5 12.8 19.2

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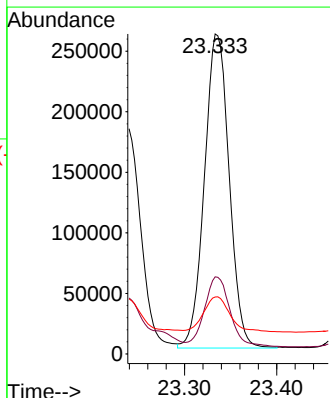
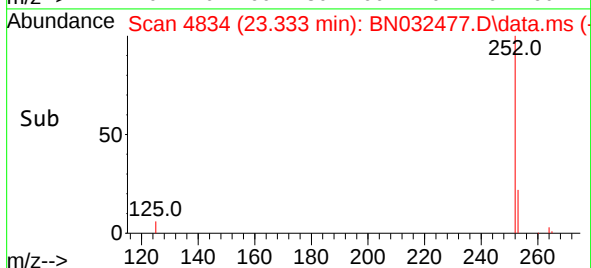
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

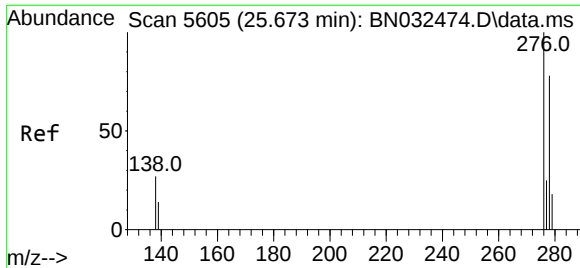


#26
Benzo(a)pyrene
Concen: 6.150 ng/ul m
RT: 23.333 min Scan# 4834
Delta R.T. 0.006 min
Lab File: BN032477.D
Acq: 04 Jul 2024 16:57



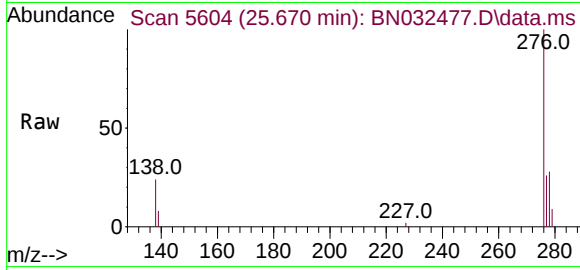
Tgt Ion:252 Resp: 484924
Ion Ratio Lower Upper
252 100
253 24.1 22.2 33.2
125 17.8 16.4 24.6





#27
Indeno(1,2,3-cd)pyrene
Concen: 4.558 ng/ul m
RT: 25.670 min Scan# 5605
Delta R.T. 0.010 min
Lab File: BN032477.D
Acq: 04 Jul 2024 16:57

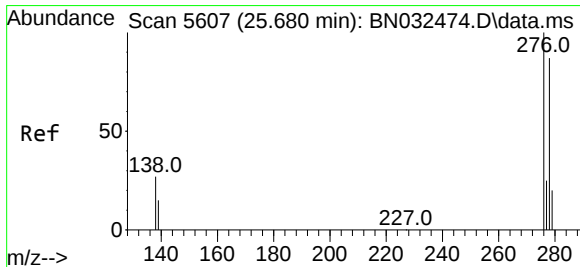
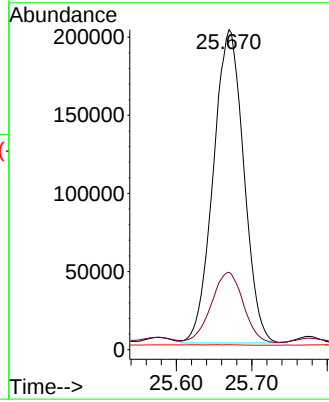
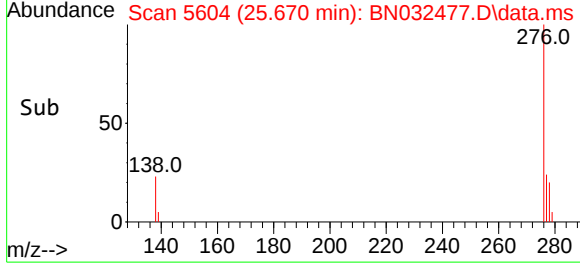
Instrument :
BNA_N
ClientSampleId :
A4CS5



Tgt Ion:276 Resp: 562709
Ion Ratio Lower Upper
276 100
138 4.0 21.3 31.9#
227 0.1 0.1 0.1

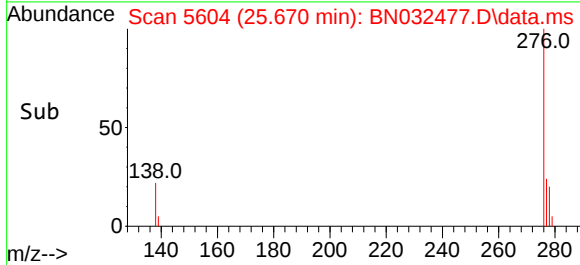
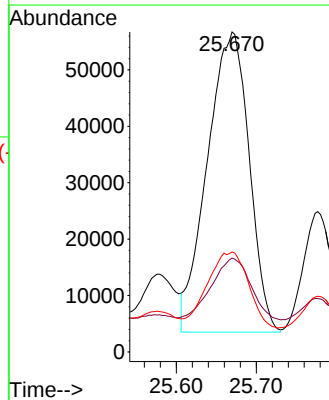
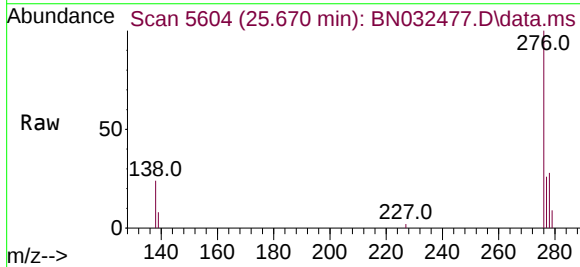
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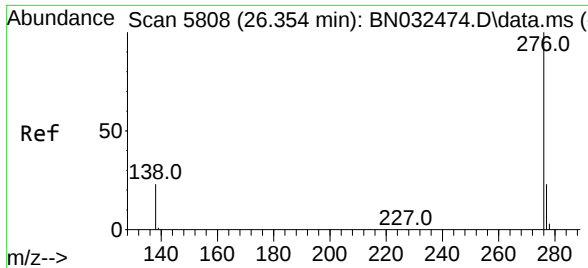
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#28
Dibenzo(a,h)anthracene
Concen: 2.113 ng/ul m
RT: 25.670 min Scan# 5604
Delta R.T. 0.003 min
Lab File: BN032477.D
Acq: 04 Jul 2024 16:57

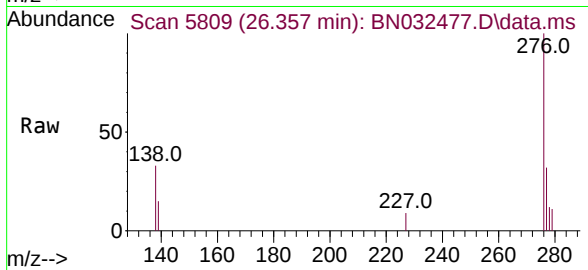
Tgt Ion:278 Resp: 193816
Ion Ratio Lower Upper
278 100
139 29.4 15.9 23.9#
279 31.3 21.1 31.7





#29
 Benzo(g,h,i)perylene
 Concen: 0.893 ng/ul m
 RT: 26.357 min Scan# 5809
 Delta R.T. 0.013 min
 Lab File: BN032477.D
 Acq: 04 Jul 2024 16:57

Instrument :
 BNA_N
 ClientSampleId :
 A4CS5



Tgt Ion:276 Resp: 87804
 Ion Ratio Lower Upper
 276 100
 138 32.6 19.8 29.6
 277 32.1 19.8 29.6

Manual Integrations
 APPROVED

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

