

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032476.D
 Acq On : 04 Jul 2024 16:21
 Operator : MA/JU
 Sample : P2964-16
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CT5

Manual Integrations
 APPROVED

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

Quant Time: Jul 04 23:06:53 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	9317	0.400	ng/ul	0.00
4) Naphthalene-d8	10.371	136	27973	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.244	164	15543	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.999	188	28748m	0.400	ng/ul	0.00
17) Chrysene-d12	21.209	240	18591m	0.400	ng/ul	0.00
23) Perylene-d12	23.424	264	26504m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	30002	2.897	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.971	152	8388	0.200	ng/ul	0.00
18) Fluoranthene-d10	19.036	212	15279m	0.273	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.420	128	34156	0.461	ng/ul	99
7) 2-Methylnaphthalene	12.043	142	11914	0.243	ng/ul	98
8) 1-Methylnaphthalene	12.263	142	9608	0.189	ng/ul	98
10) Acenaphthylene	13.962	152	67264	1.041	ng/ul	100
11) Acenaphthene	14.304	153	42247	0.842	ng/ul	98
12) Fluorene	15.299	166	49918	0.835	ng/ul	99
15) Phenanthrene	17.041	178	998633m	12.670	ng/ul	
16) Anthracene	17.130	178	186315m	2.650	ng/ul	
19) Fluoranthene	19.069	202	1935238m	27.337	ng/ul	
20) Pyrene	19.436	202	1380799m	18.664	ng/ul	
21) Benzo(a)anthracene	21.191	228	874040m	13.026	ng/ul	
22) Chrysene	21.244	228	1017858m	13.821	ng/ul	
24) Benzo(b)fluoranthene	22.760	252	1423926m	12.366	ng/ul	
25) Benzo(k)fluoranthene	22.801	252	536217m	4.793	ng/ul	
26) Benzo(a)pyrene	23.327	252	554157m	6.917	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.660	276	559834m	4.463	ng/ul	
28) Dibenzo(a,h)anthracene	25.663	278	195936m	2.102	ng/ul	
29) Benzo(g,h,i)perylene	26.347	276	84026m	0.841	ng/ul	

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

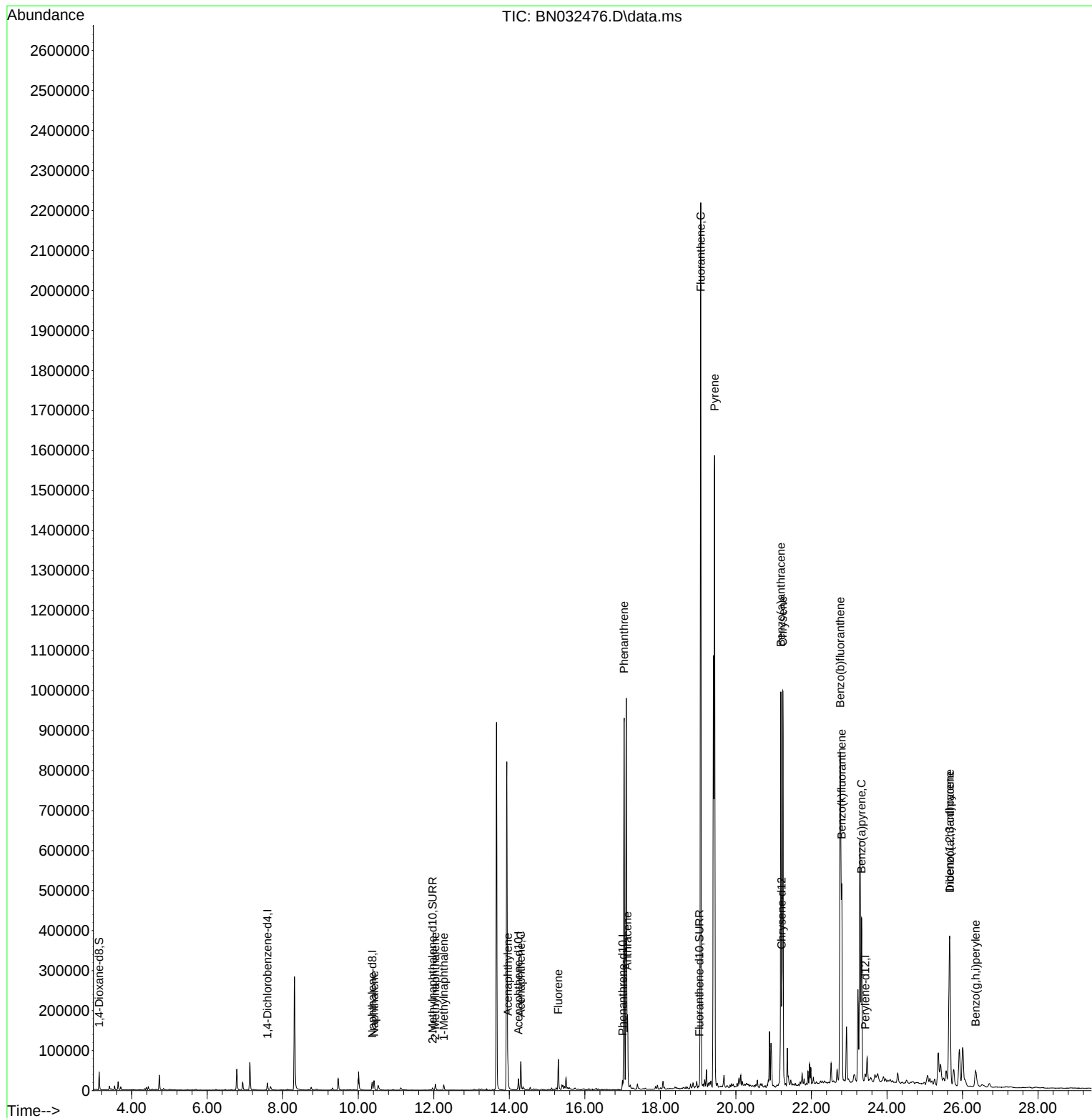
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032476.D
Acq On : 04 Jul 2024 16:21
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Sample : P2964-16
Misc :
ALS Vial : 49 Sample Multiplier: 1

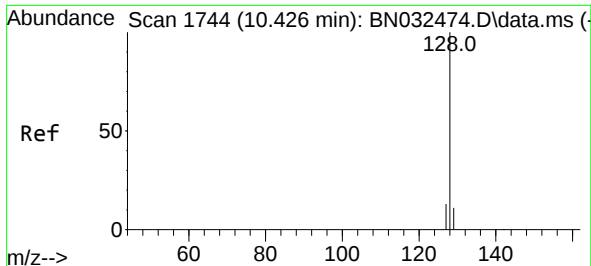
Instrument :
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A4CT5

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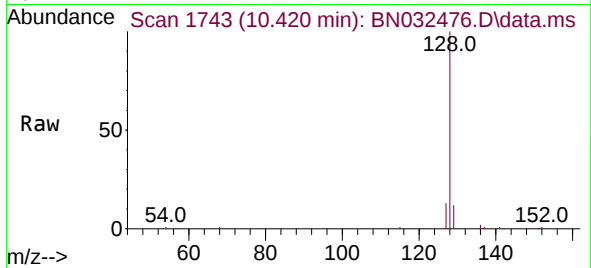
Quant Time: Jul 04 23:06:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.461 ng/ul
RT: 10.420 min Scan# 1743
Delta R.T. -0.011 min
Lab File: BN032476.D
Acq: 04 Jul 2024 16:21

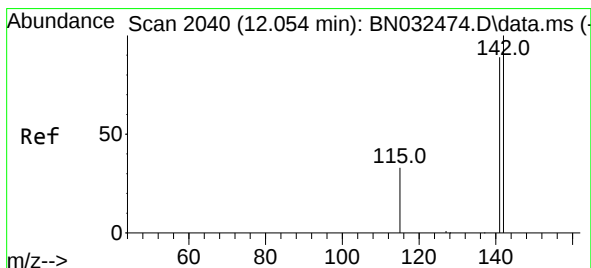
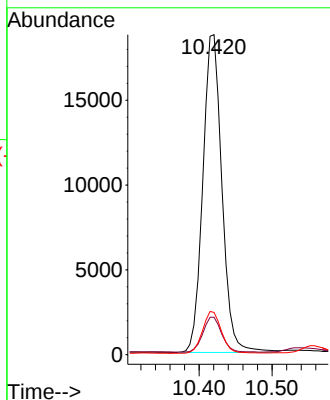
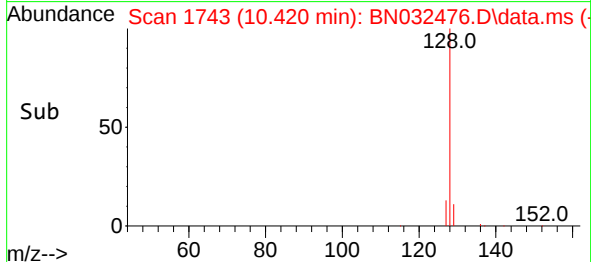
Instrument :
BNA_N
ClientSampleId :
A4CT5



Tgt Ion:128 Resp: 34150
Ion Ratio Lower Upper
128 100
129 11.7 9.2 13.8
127 13.2 10.8 16.2

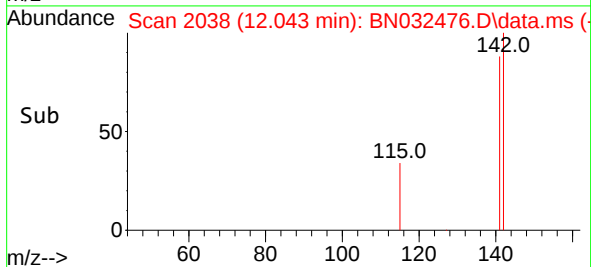
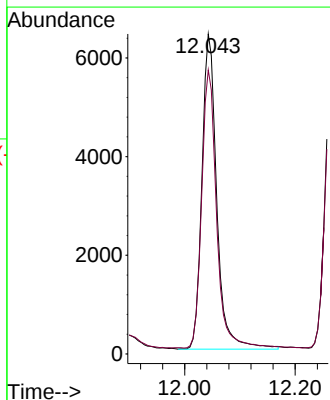
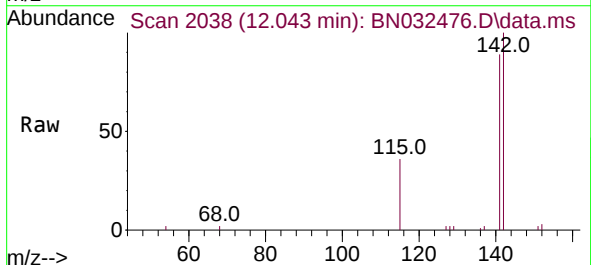
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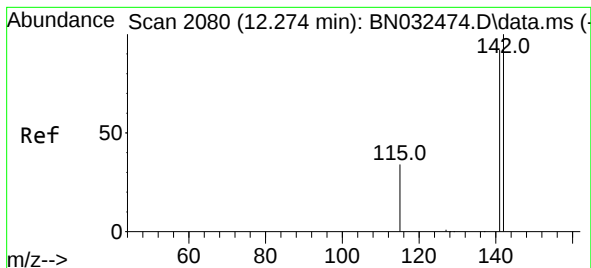
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#7
2-Methylnaphthalene
Concen: 0.243 ng/ul
RT: 12.043 min Scan# 2038
Delta R.T. -0.011 min
Lab File: BN032476.D
Acq: 04 Jul 2024 16:21

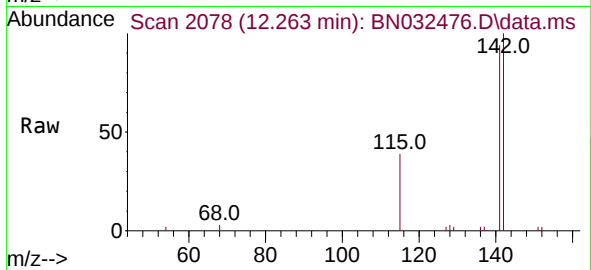
Tgt Ion:142 Resp: 11914
Ion Ratio Lower Upper
142 100
141 88.4 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.189 ng/ul
RT: 12.263 min Scan# 2080
Delta R.T. -0.011 min
Lab File: BN032476.D
Acq: 04 Jul 2024 16:21

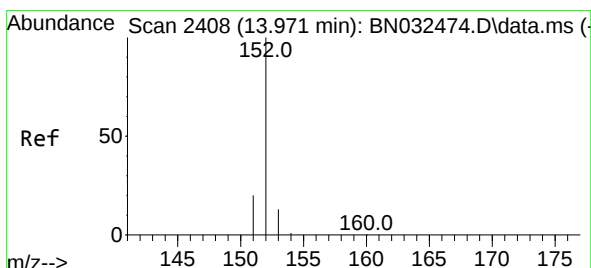
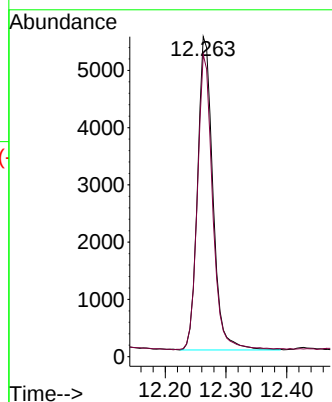
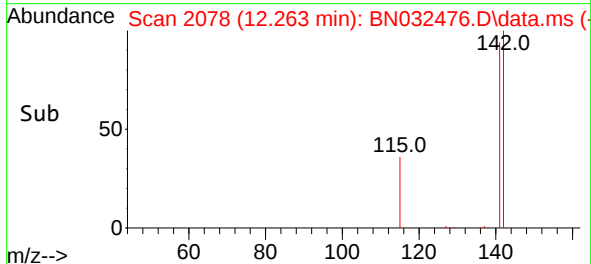
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 9608
Ion Ratio Lower Upper
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141 93.6 73.4 110.0

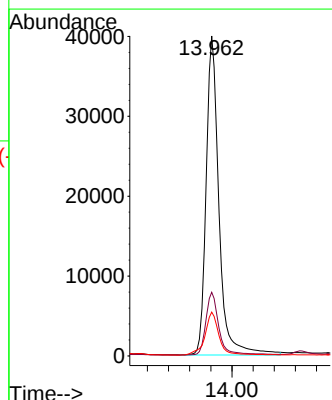
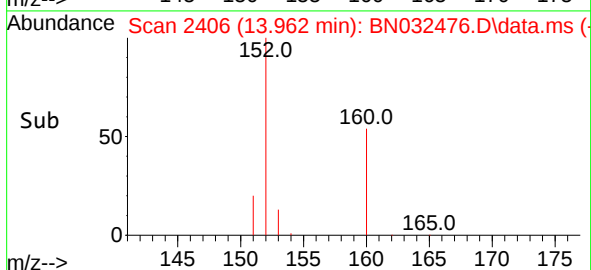
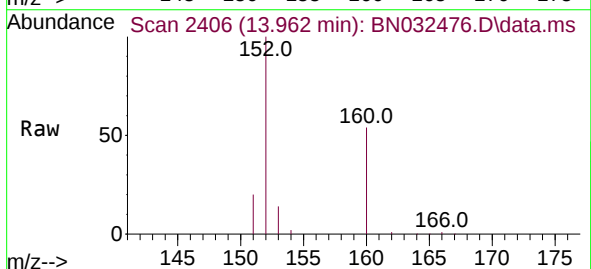
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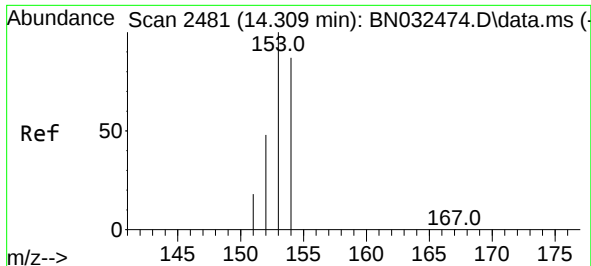
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#10
Acenaphthylene
Concen: 1.041 ng/ul
RT: 13.962 min Scan# 2406
Delta R.T. -0.009 min
Lab File: BN032476.D
Acq: 04 Jul 2024 16:21

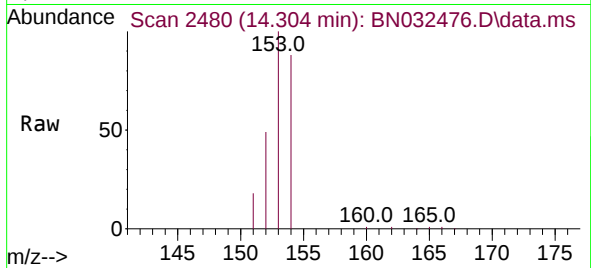
Tgt Ion:152 Resp: 67264
Ion Ratio Lower Upper
152 100
151 19.9 15.7 23.5
153 13.7 10.9 16.3





#11
Acenaphthene
Concen: 0.842 ng/ul
RT: 14.304 min Scan# 2481
Delta R.T. -0.009 min
Lab File: BN032476.D
Acq: 04 Jul 2024 16:21

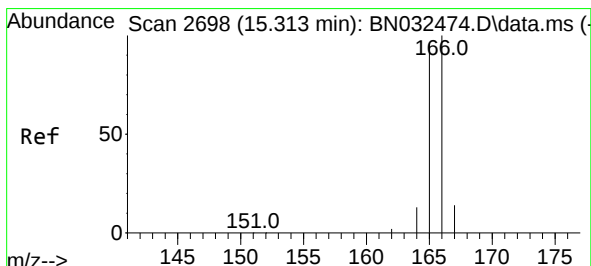
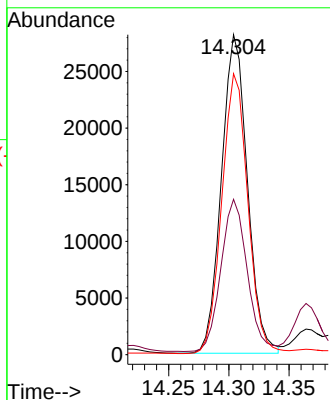
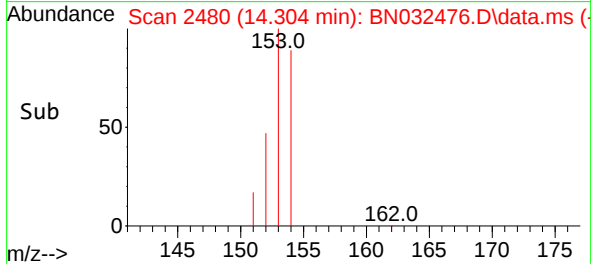
Instrument :
BNA_N
ClientSampleId :
A4CT5



Tgt Ion:153 Resp: 4224
Ion Ratio Lower Upper
153 100
152 48.5 39.5 59.3
154 87.8 71.7 107.5

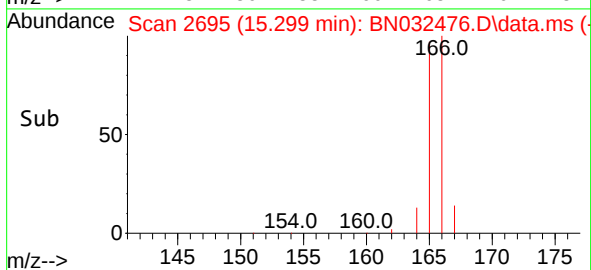
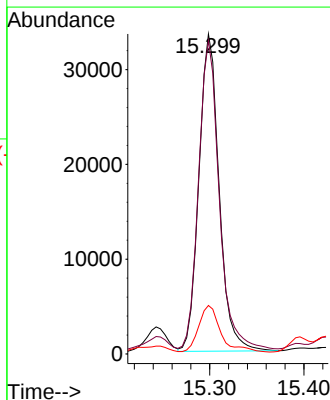
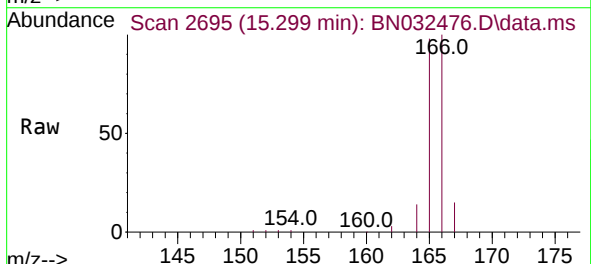
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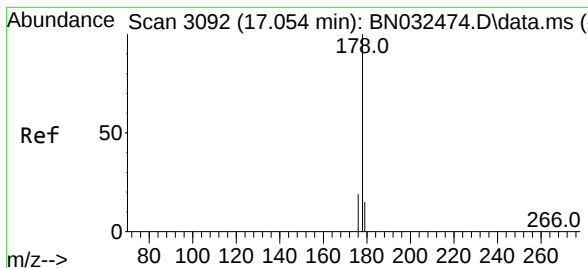
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#12
Fluorene
Concen: 0.835 ng/ul
RT: 15.299 min Scan# 2695
Delta R.T. -0.014 min
Lab File: BN032476.D
Acq: 04 Jul 2024 16:21

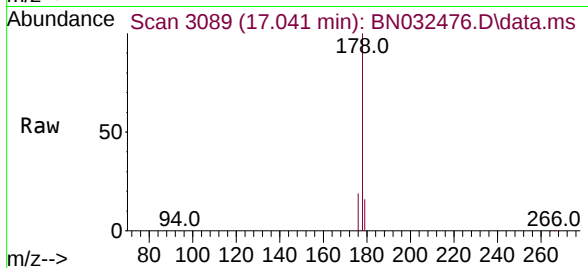
Tgt Ion:166 Resp: 49918
Ion Ratio Lower Upper
166 100
165 97.9 79.0 118.6
167 15.1 11.0 16.6





#15
Phenanthrene
Concen: 12.670 ng/ul m
RT: 17.041 min Scan# 3092
Delta R.T. -0.008 min
Lab File: BN032476.D
Acq: 04 Jul 2024 16:21

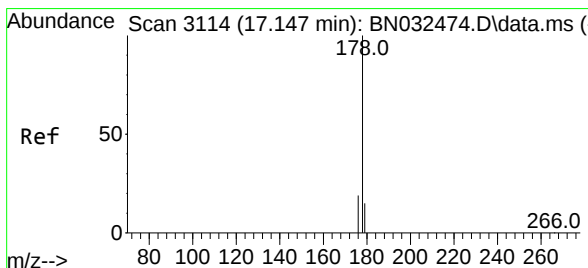
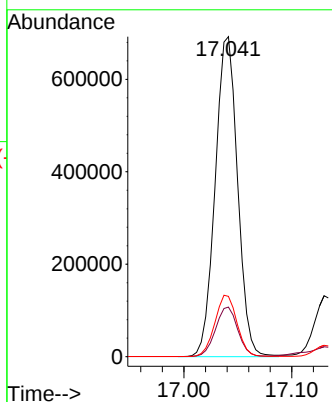
Instrument :
BNA_N
ClientSampleId :
A4CT5



Tgt Ion:178 Resp: 99863
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 18.9 15.6 23.4

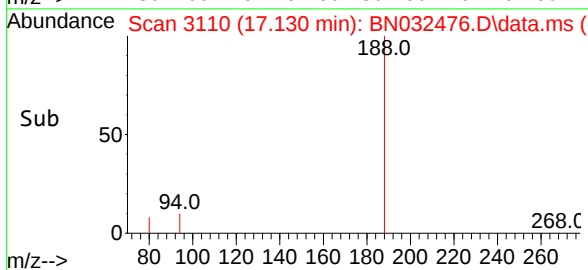
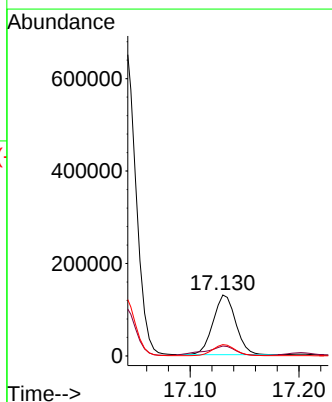
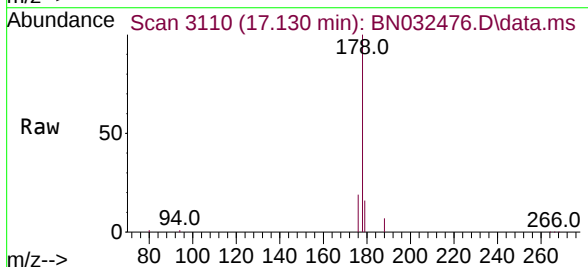
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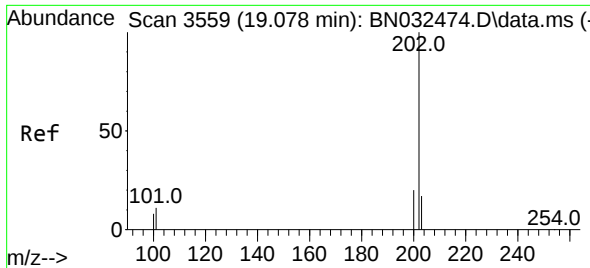
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#16
Anthracene
Concen: 2.650 ng/ul m
RT: 17.130 min Scan# 3110
Delta R.T. -0.013 min
Lab File: BN032476.D
Acq: 04 Jul 2024 16:21

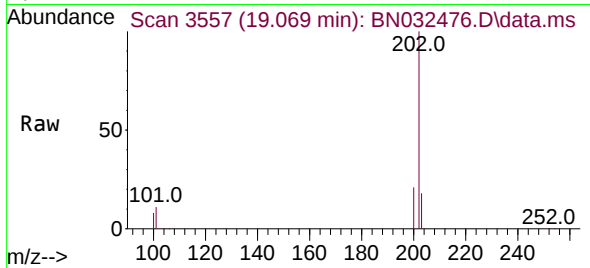
Tgt Ion:178 Resp: 186315
Ion Ratio Lower Upper
178 100
179 16.2 12.5 18.7
176 18.7 15.0 22.6





#19
Fluoranthene
Concen: 27.337 ng/ul m
RT: 19.069 min Scan# 3559
Delta R.T. -0.005 min
Lab File: BN032476.D
Acq: 04 Jul 2024 16:21

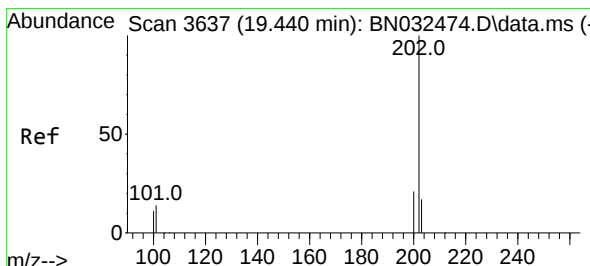
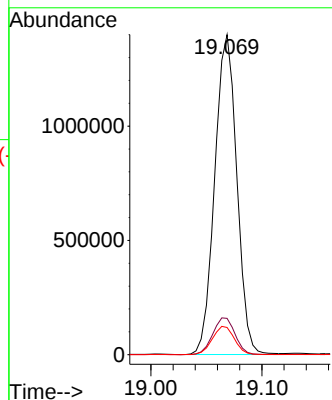
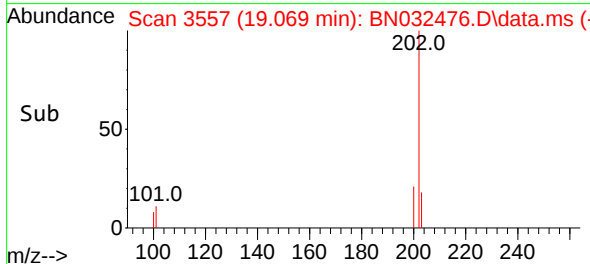
Instrument :
BNA_N
ClientSampleId :
A4CT5



Tgt Ion:202 Resp: 1935238
Ion Ratio Lower Upper
202 100
101 11.4 8.8 13.2
100 8.5 6.4 9.6

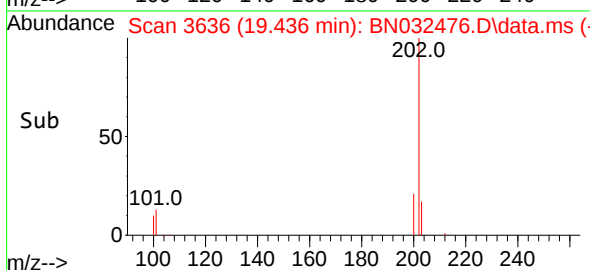
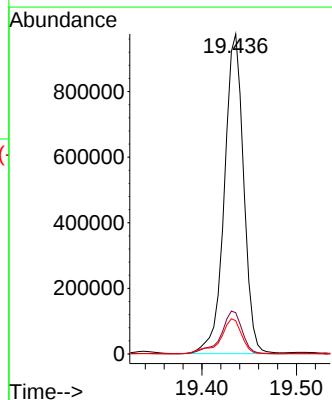
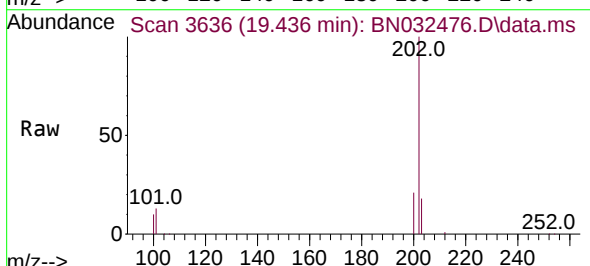
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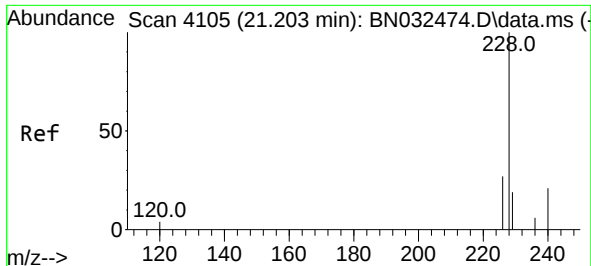
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#20
Pyrene
Concen: 18.664 ng/ul m
RT: 19.436 min Scan# 3636
Delta R.T. -0.005 min
Lab File: BN032476.D
Acq: 04 Jul 2024 16:21

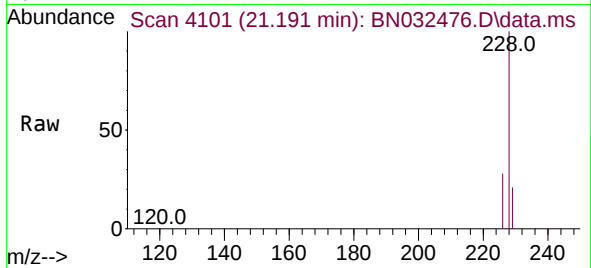
Tgt Ion:202 Resp: 1380799
Ion Ratio Lower Upper
202 100
101 12.9 11.0 16.4
100 10.4 8.7 13.1





#21
Benzo(a)anthracene
Concen: 13.026 ng/ul m
RT: 21.191 min Scan# 4105
Delta R.T. 0.000 min
Lab File: BN032476.D
Acq: 04 Jul 2024 16:21

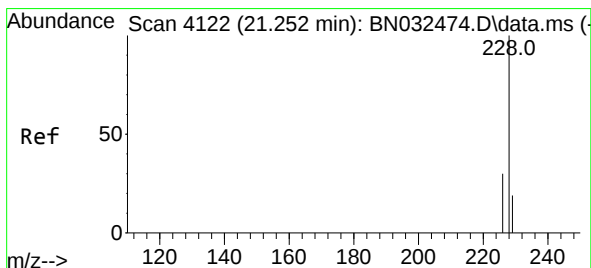
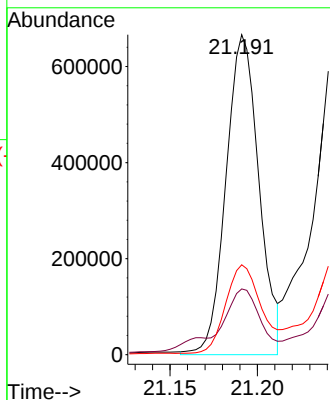
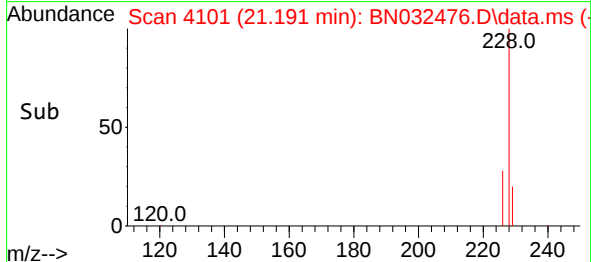
Instrument :
BNA_N
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A4CT5



Tgt Ion:228 Resp: 874040
Ion Ratio Lower Upper
228 100
229 20.6 15.7 23.5
226 28.1 21.8 32.8

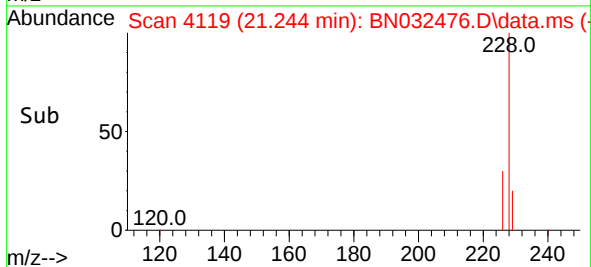
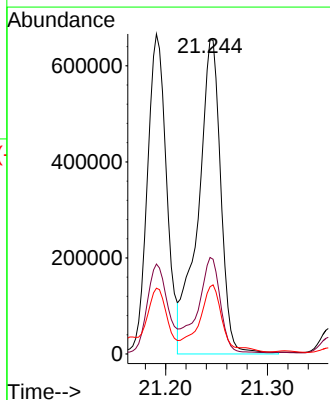
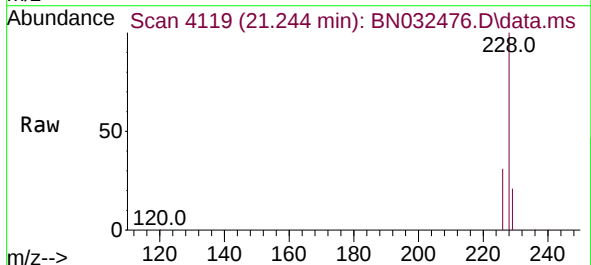
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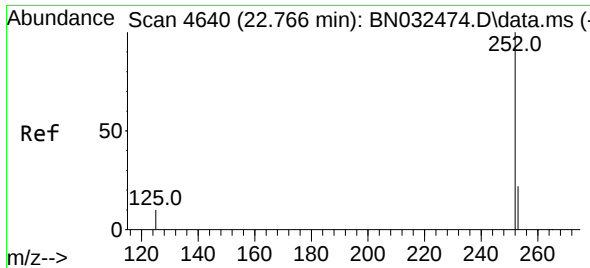
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#22
Chrysene
Concen: 13.821 ng/ul m
RT: 21.244 min Scan# 4119
Delta R.T. 0.000 min
Lab File: BN032476.D
Acq: 04 Jul 2024 16:21

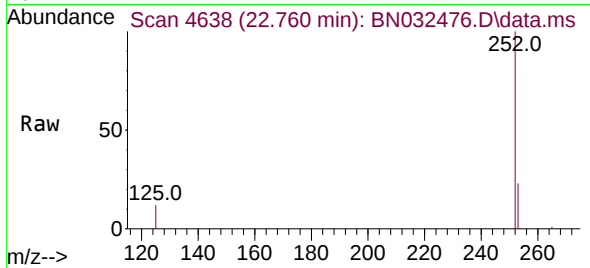
Tgt Ion:228 Resp: 1017858
Ion Ratio Lower Upper
228 100
226 30.7 23.6 35.4
229 21.4 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 12.366 ng/ul m
RT: 22.760 min Scan# 4638
Delta R.T. 0.003 min
Lab File: BN032476.D
Acq: 04 Jul 2024 16:21

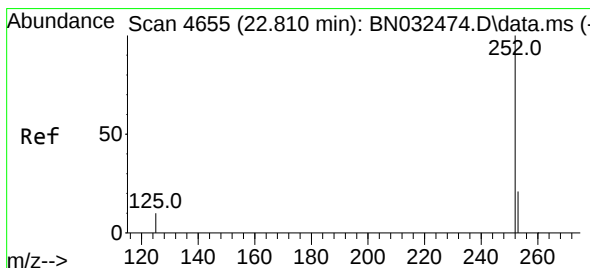
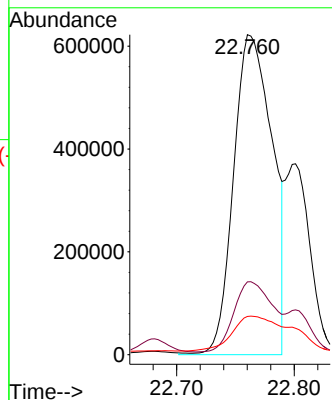
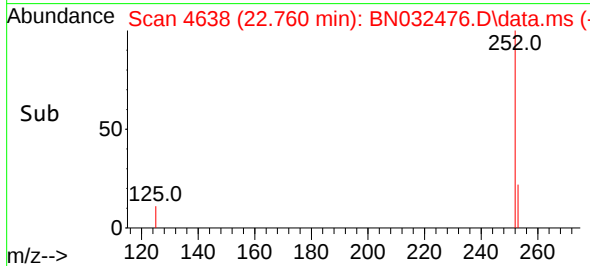
Instrument :
BNA_N
ClientSampleId :
A4CT5



Tgt Ion:252 Resp: 1423920
Ion Ratio Lower Upper
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253 22.8 0.0 50.2
125 12.0 0.0 32.0

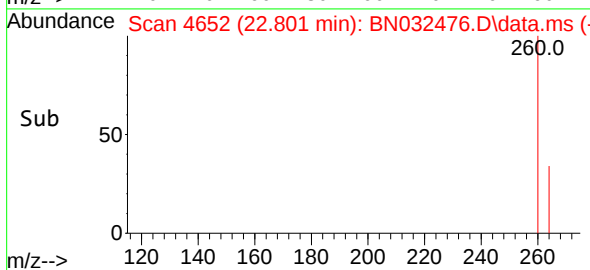
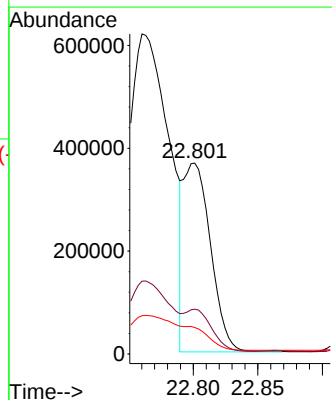
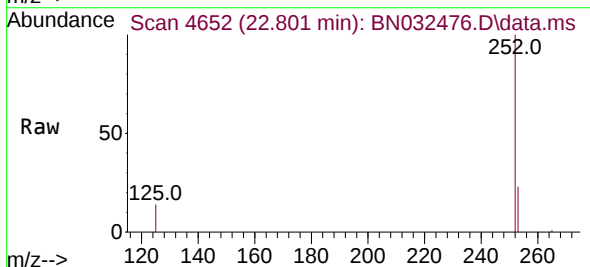
Manual Integrations
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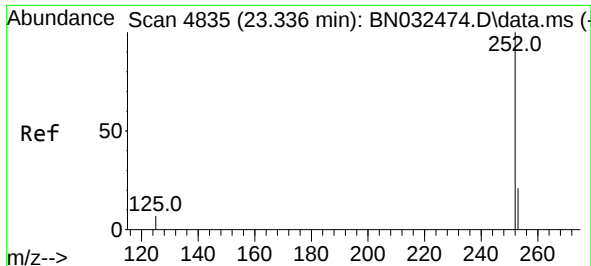
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#25
Benzo(k)fluoranthene
Concen: 4.793 ng/ul m
RT: 22.801 min Scan# 4652
Delta R.T. 0.000 min
Lab File: BN032476.D
Acq: 04 Jul 2024 16:21

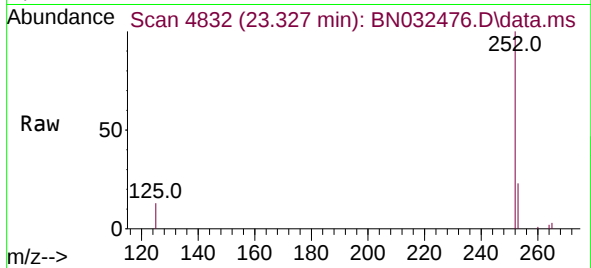
Tgt Ion:252 Resp: 536217
Ion Ratio Lower Upper
252 100
253 23.4 20.3 30.5
125 13.8 12.8 19.2





#26
Benzo(a)pyrene
Concen: 6.917 ng/ul m
RT: 23.327 min Scan# 4835
Delta R.T. 0.000 min
Lab File: BN032476.D
Acq: 04 Jul 2024 16:21

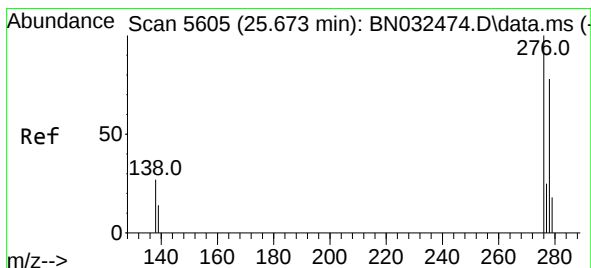
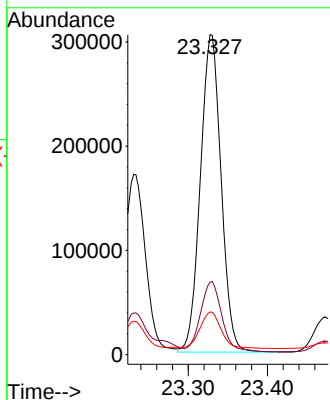
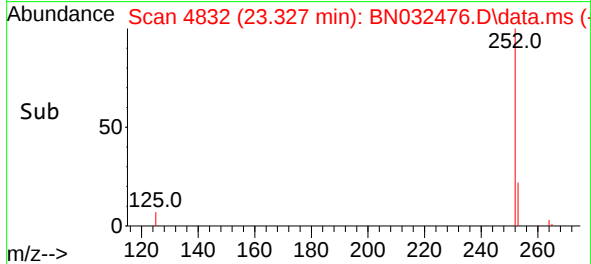
Instrument :
BNA_N
ClientSampleId :
A4CT5



Tgt Ion:252 Resp: 55415
Ion Ratio Lower Upper
252 100
253 22.7 22.2 33.2
125 13.4 16.4 24.6

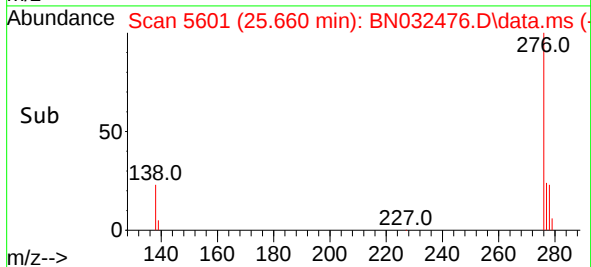
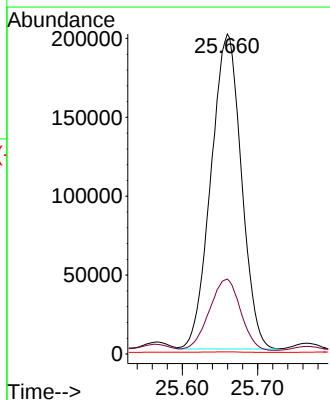
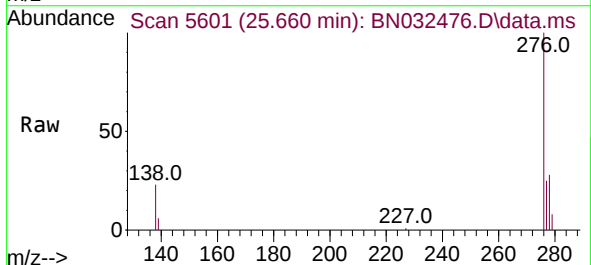
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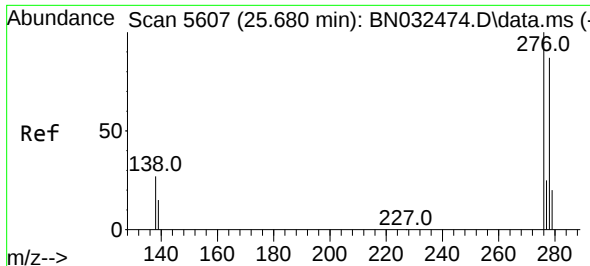
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 4.463 ng/ul m
RT: 25.660 min Scan# 5601
Delta R.T. 0.000 min
Lab File: BN032476.D
Acq: 04 Jul 2024 16:21

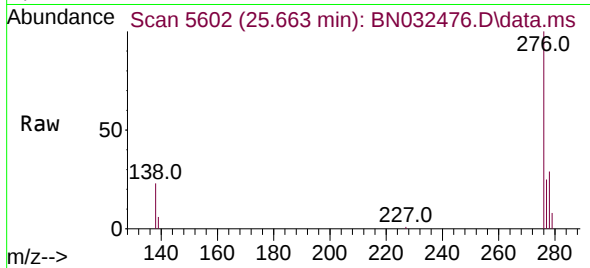
Tgt Ion:276 Resp: 559834
Ion Ratio Lower Upper
276 100
138 3.5 21.3 31.9#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 2.102 ng/ul m
RT: 25.663 min Scan# 50
Delta R.T. -0.003 min
Lab File: BN032476.D
Acq: 04 Jul 2024 16:21

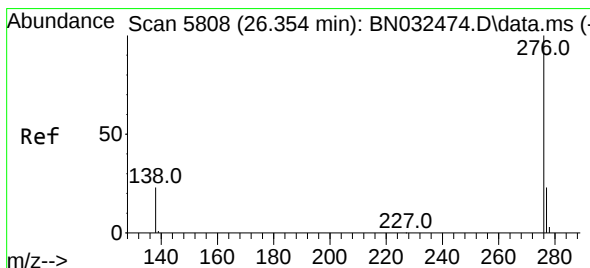
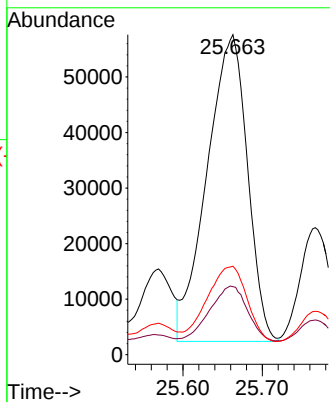
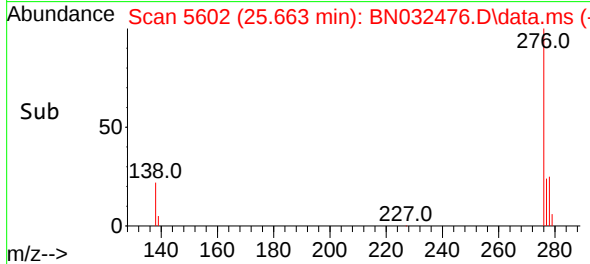
Instrument :
BNA_N
ClientSampleId :
A4CT5



Tgt Ion:278 Resp: 195930
Ion Ratio Lower Upper
278 100
139 21.2 15.9 23.9
279 27.7 21.1 31.7

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



#29
Benzo(g,h,i)perylene
Concen: 0.841 ng/ul m
RT: 26.347 min Scan# 5806
Delta R.T. 0.003 min
Lab File: BN032476.D
Acq: 04 Jul 2024 16:21

Tgt Ion:276 Resp: 84026
Ion Ratio Lower Upper
276 100
138 27.8 19.8 29.6
277 29.2 19.8 29.6

