

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032754.D
 Acq On : 16 Jul 2024 23:07
 Operator : MA/JU
 Sample : P3177-15
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BY1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024

Quant Time: Jul 16 23:55:57 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 : Fri Jul 12 01:40:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.544	152	5186	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.310	136	13036	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.193	164	8007	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.948	188	15612m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.165	240	12797m	0.400	ng/ul	-0.03
23) Perylene-d12	23.356	264	17293m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	12147	1.951	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.916	152	2896	0.147	ng/ul	-0.06
18) Fluoranthene-d10	18.989	212	5983m	0.143	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.360	128	12509	0.357	ng/ul	99
7) 2-Methylnaphthalene	11.993	142	5620	0.257	ng/ul	97
8) 1-Methylnaphthalene	12.213	142	4938	0.219	ng/ul	100
10) Acenaphthylene	13.911	152	15572	0.481	ng/ul	98
11) Acenaphthene	14.253	153	37027	1.384	ng/ul	99
12) Fluorene	15.252	166	49336	1.613	ng/ul	98
15) Phenanthrene	16.991	178	786183m	18.491	ng/ul	
16) Anthracene	17.083	178	174412m	5.021	ng/ul	
19) Fluoranthene	19.022	202	1196415m	22.995	ng/ul	
20) Pyrene	19.389	202	657518m	12.209	ng/ul	
21) Benzo(a)anthracene	21.144	228	554521m	13.613	ng/ul	
22) Chrysene	21.200	228	552462m	9.375	ng/ul	
24) Benzo(b)fluoranthene	22.702	252	712994m	11.685	ng/ul	
25) Benzo(k)fluoranthene	22.740	252	271496m	3.651	ng/ul	
26) Benzo(a)pyrene	23.260	252	191138m	3.620	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.559	276	191451m	2.678	ng/ul	
28) Dibenzo(a,h)anthracene	25.559	278	91252m	1.647	ng/ul	
29) Benzo(g,h,i)perylene	26.243	276	26770m	0.448	ng/ul	

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

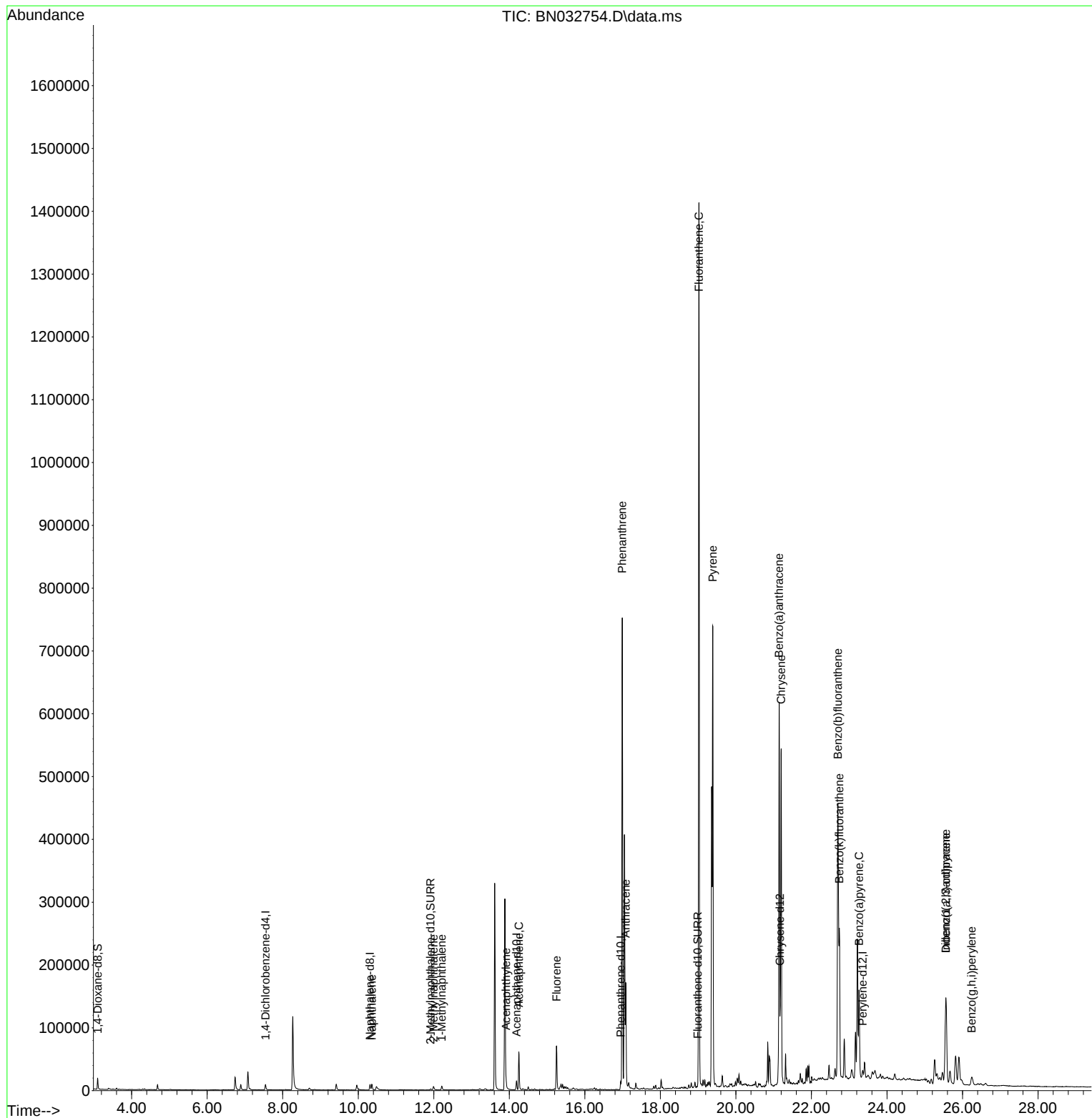
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032754.D
Acq On : 16 Jul 2024 23:07
Operator : MA/JU
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ALS Vial : 24 Sample Multiplier: 1

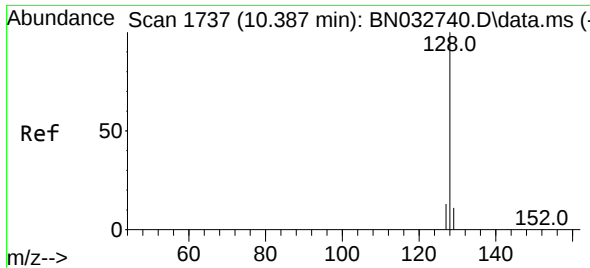
Instrument :
BNA_N
ClientSampleId :
A4BY1

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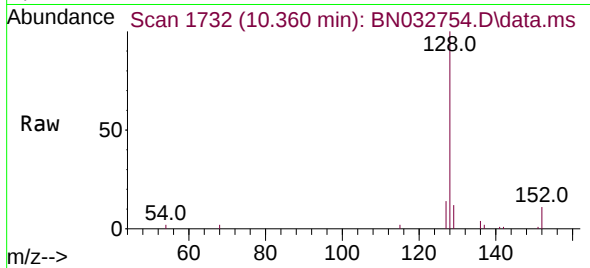
Quant Time: Jul 16 23:55:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.357 ng/ul
RT: 10.360 min Scan# 1737
Delta R.T. -0.050 min
Lab File: BN032754.D
Acq: 16 Jul 2024 23:07

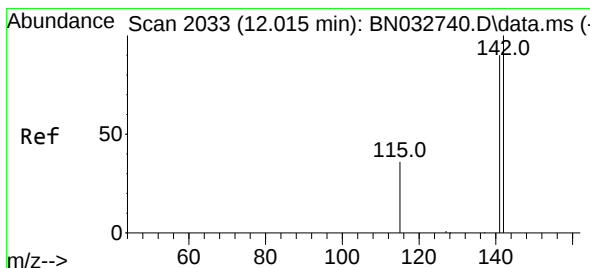
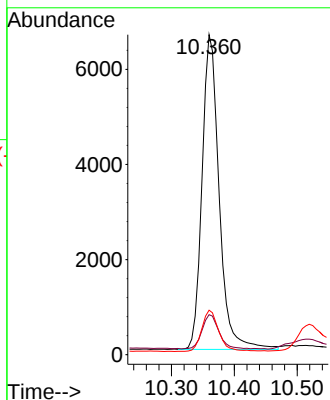
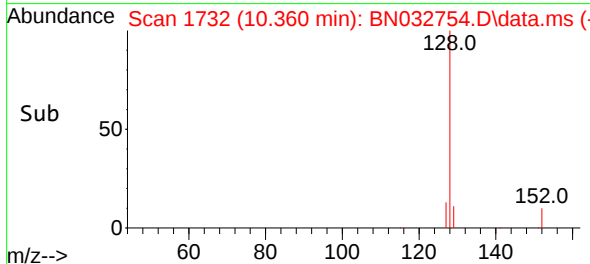
Instrument :
BNA_N
ClientSampleId :
A4BY1



Tgt Ion:128 Resp: 1250
Ion Ratio Lower Upper
128 100
129 12.5 10.0 15.0
127 13.9 11.6 17.4

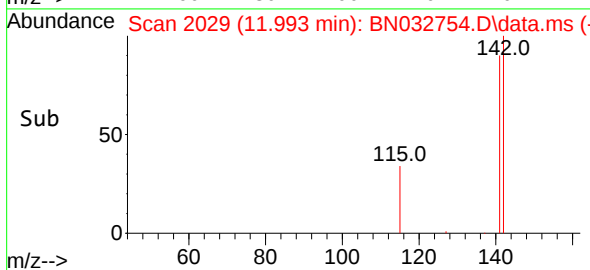
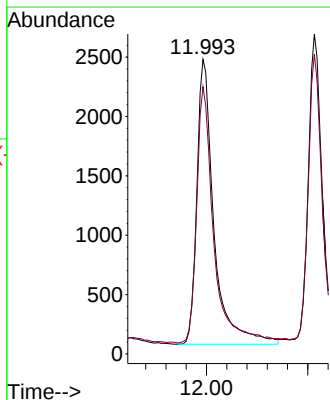
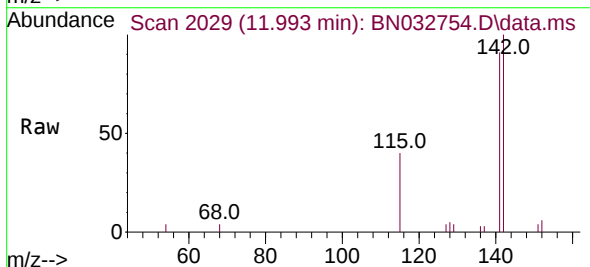
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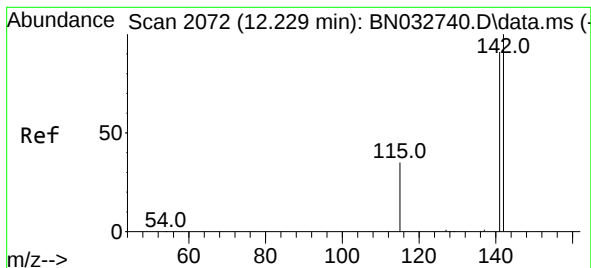
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#7
2-Methylnaphthalene
Concen: 0.257 ng/ul
RT: 11.993 min Scan# 2029
Delta R.T. -0.055 min
Lab File: BN032754.D
Acq: 16 Jul 2024 23:07

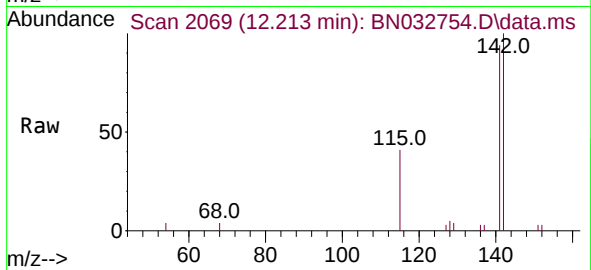
Tgt Ion:142 Resp: 5620
Ion Ratio Lower Upper
142 100
141 89.6 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.219 ng/ul
RT: 12.213 min Scan# 2069
Delta R.T. -0.033 min
Lab File: BN032754.D
Acq: 16 Jul 2024 23:07

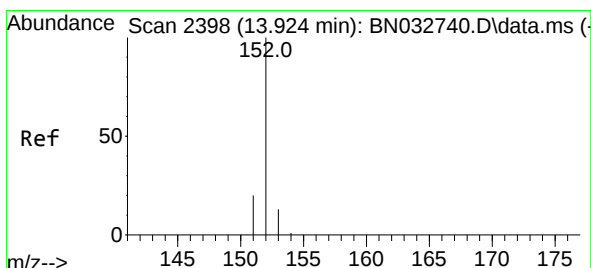
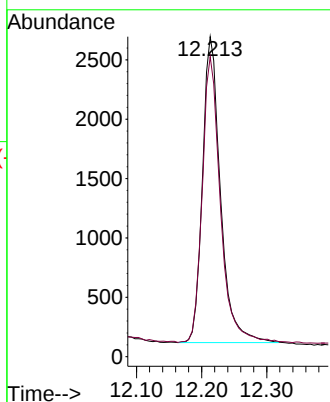
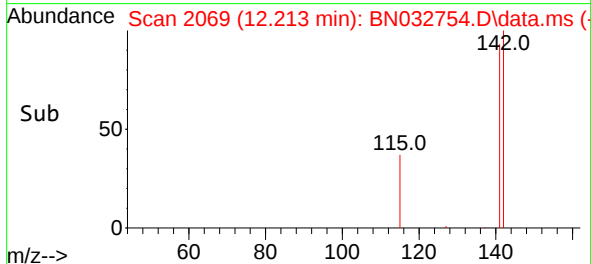
Instrument :
BNA_N
ClientSampleId :
A4BY1



Tgt Ion:142 Resp: 4938
Ion Ratio Lower Upper
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141 94.2 75.0 112.4

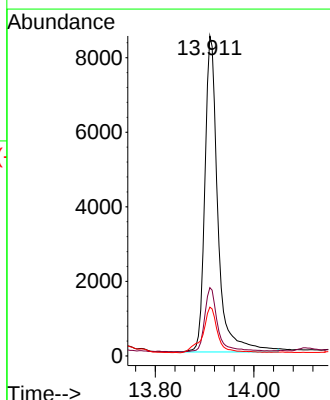
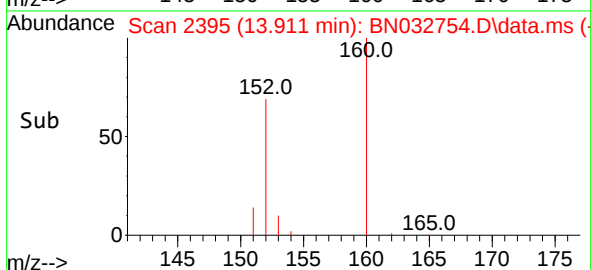
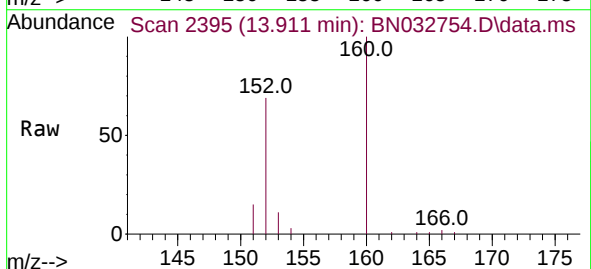
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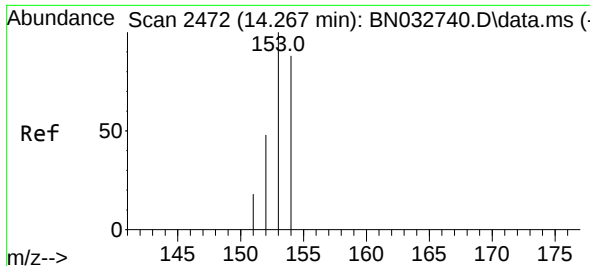
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#10
Acenaphthylene
Concen: 0.481 ng/ul
RT: 13.911 min Scan# 2395
Delta R.T. -0.033 min
Lab File: BN032754.D
Acq: 16 Jul 2024 23:07

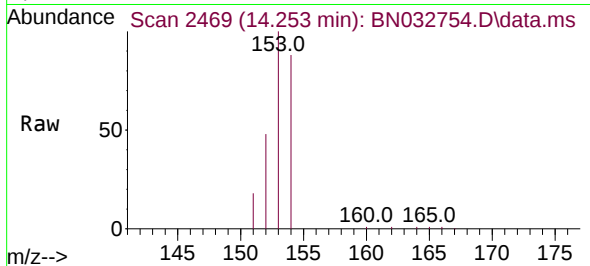
Tgt Ion:152 Resp: 15572
Ion Ratio Lower Upper
152 100
151 21.3 16.3 24.5
153 15.3 11.3 16.9





#11
Acenaphthene
Concen: 1.384 ng/ul
RT: 14.253 min Scan# 2469
Delta R.T. -0.028 min
Lab File: BN032754.D
Acq: 16 Jul 2024 23:07

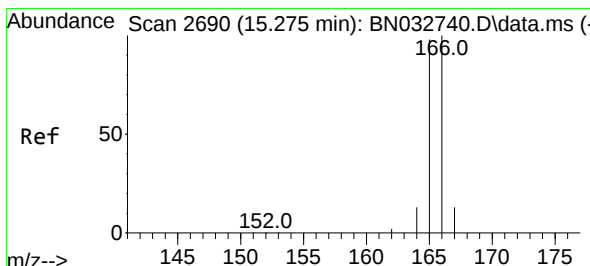
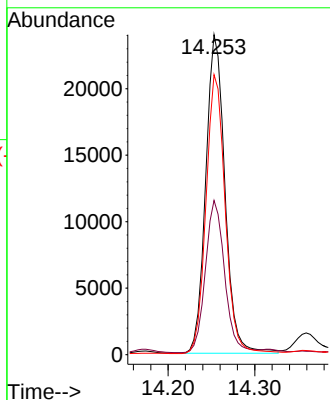
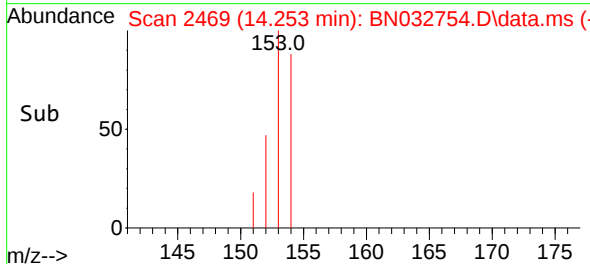
Instrument :
BNA_N
ClientSampleId :
A4BY1



Tgt Ion:153 Resp: 3702
Ion Ratio Lower Upper
153 100
152 48.2 40.0 60.0
154 87.5 70.2 105.4

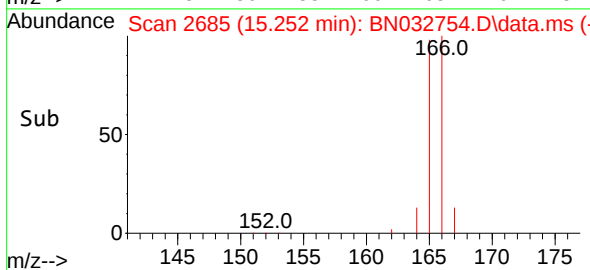
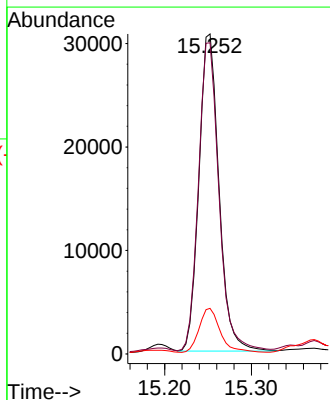
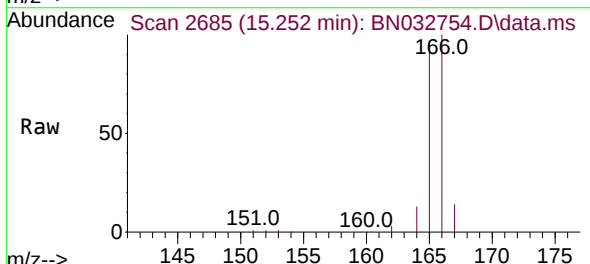
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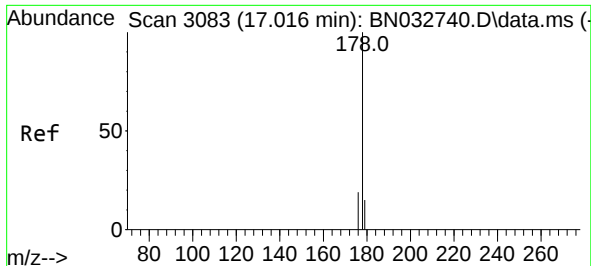
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#12
Fluorene
Concen: 1.613 ng/ul
RT: 15.252 min Scan# 2685
Delta R.T. -0.037 min
Lab File: BN032754.D
Acq: 16 Jul 2024 23:07

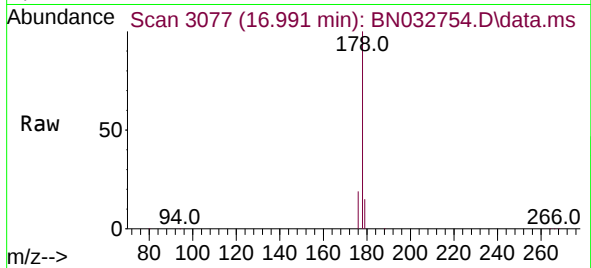
Tgt Ion:166 Resp: 49336
Ion Ratio Lower Upper
166 100
165 97.3 79.7 119.5
167 14.2 11.4 17.2





#15
Phenanthrene
Concen: 18.491 ng/ul m
RT: 16.991 min Scan# 3077
Delta R.T. -0.038 min
Lab File: BN032754.D
Acq: 16 Jul 2024 23:07

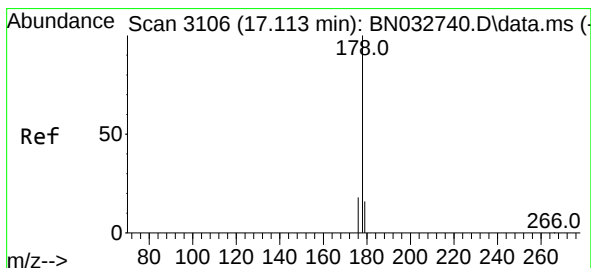
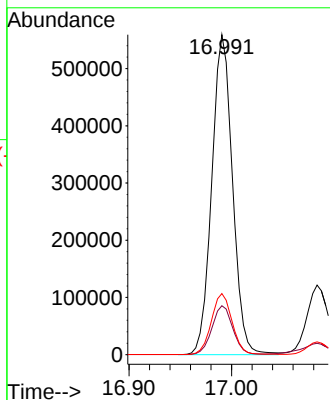
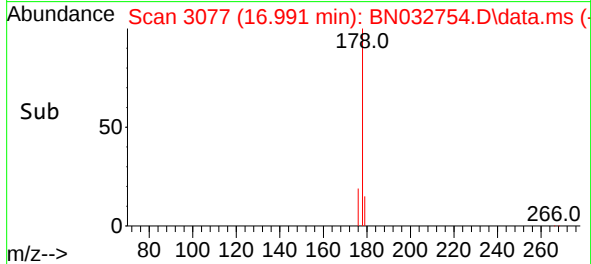
Instrument :
BNA_N
ClientSampleId :
A4BY1



Tgt Ion:178 Resp: 78618
Ion Ratio Lower Upper
178 100
179 15.3 13.0 19.4
176 19.1 15.6 23.4

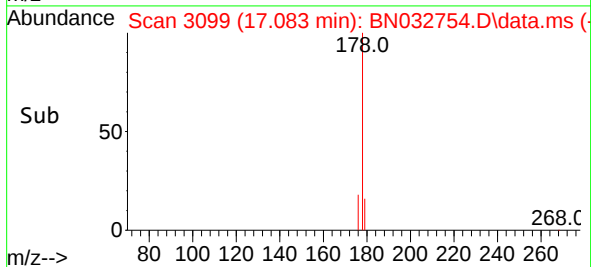
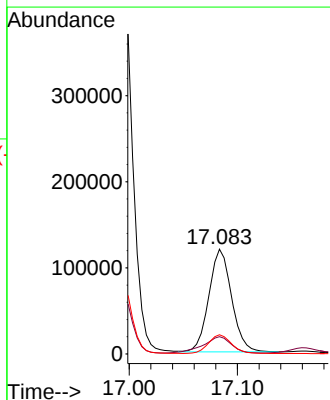
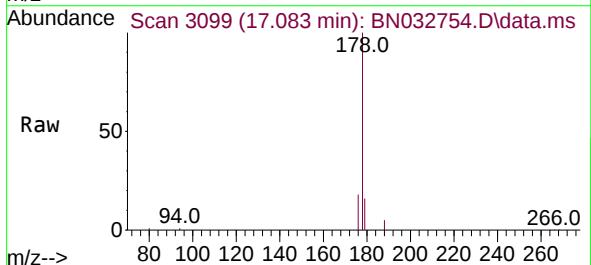
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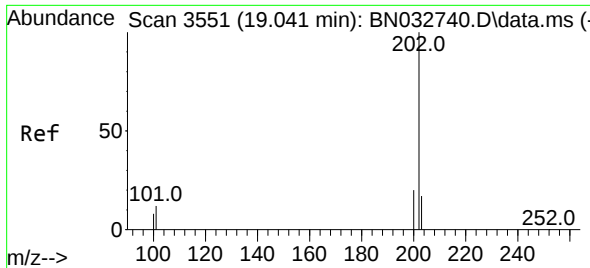
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#16
Anthracene
Concen: 5.021 ng/ul m
RT: 17.083 min Scan# 3099
Delta R.T. -0.055 min
Lab File: BN032754.D
Acq: 16 Jul 2024 23:07

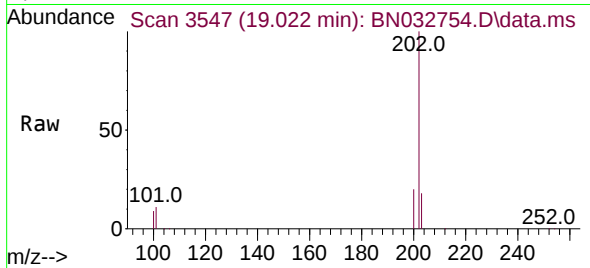
Tgt Ion:178 Resp: 174412
Ion Ratio Lower Upper
178 100
179 16.5 13.4 20.2
176 18.4 15.4 23.0





#19
Fluoranthene
Concen: 22.995 ng/ul m
RT: 19.022 min Scan# 3547
Delta R.T. -0.033 min
Lab File: BN032754.D
Acq: 16 Jul 2024 23:07

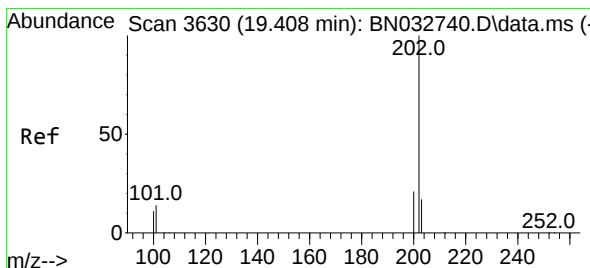
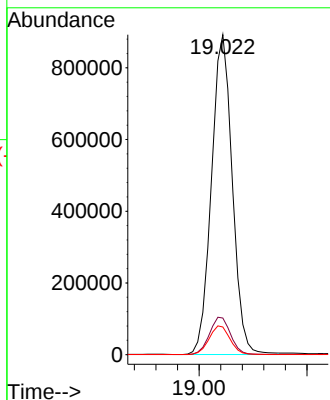
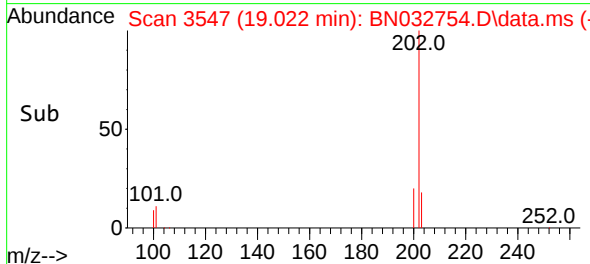
Instrument :
BNA_N
ClientSampleId :
A4BY1



Tgt Ion:202 Resp: 1196418
Ion Ratio Lower Upper
202 100
101 11.4 9.8 14.8
100 8.6 7.9 11.9

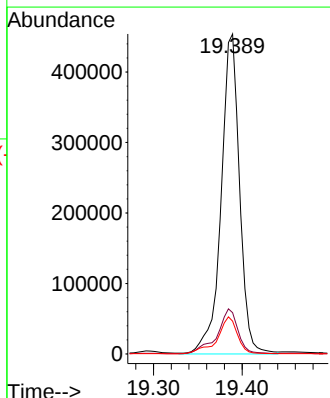
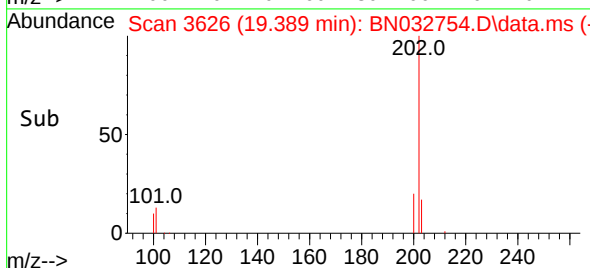
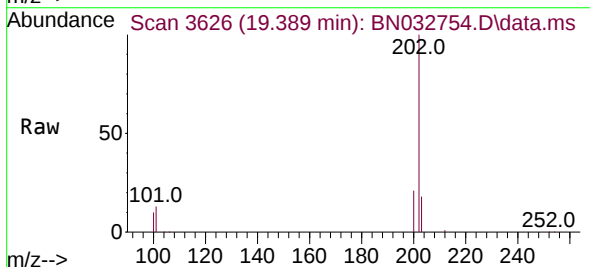
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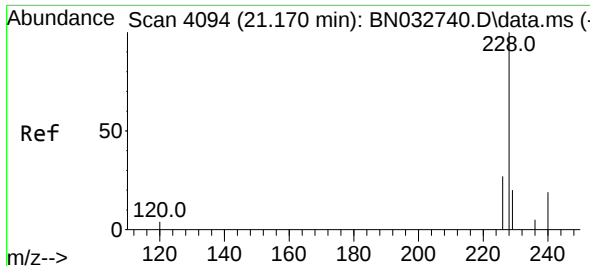
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#20
Pyrene
Concen: 12.209 ng/ul m
RT: 19.389 min Scan# 3626
Delta R.T. -0.033 min
Lab File: BN032754.D
Acq: 16 Jul 2024 23:07

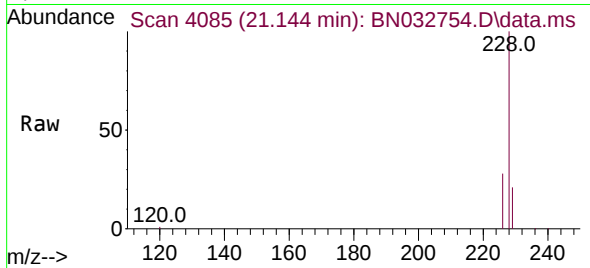
Tgt Ion:202 Resp: 657518
Ion Ratio Lower Upper
202 100
101 12.9 11.8 17.6
100 10.2 9.6 14.4





#21
Benzo(a)anthracene
Concen: 13.613 ng/ul m
RT: 21.144 min Scan# 4094
Delta R.T. -0.038 min
Lab File: BN032754.D
Acq: 16 Jul 2024 23:07

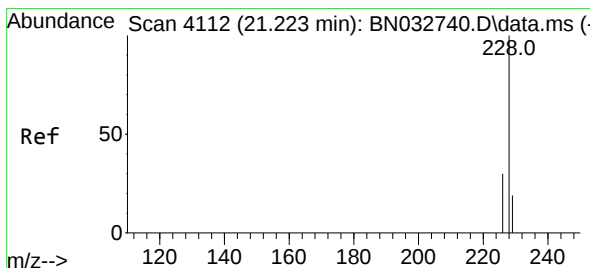
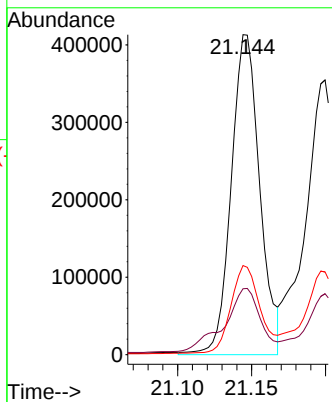
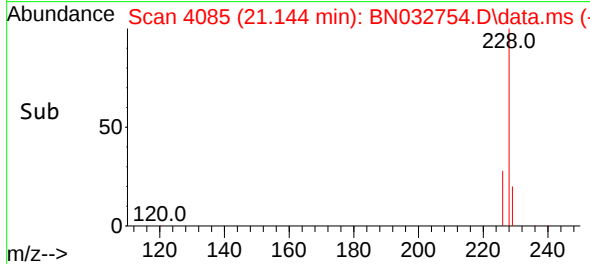
Instrument :
BNA_N
ClientSampleId :
A4BY1



Tgt Ion:228 Resp: 55452
Ion Ratio Lower Upper
228 100
229 20.6 16.1 24.1
226 27.9 21.9 32.9

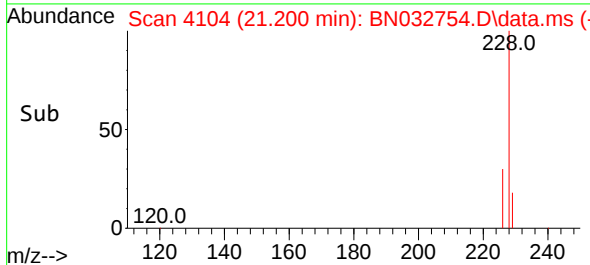
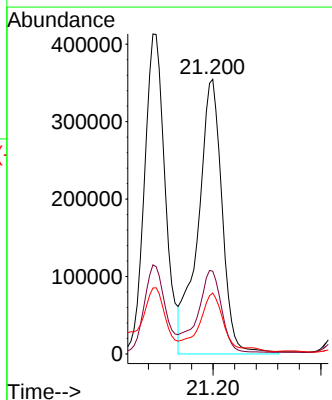
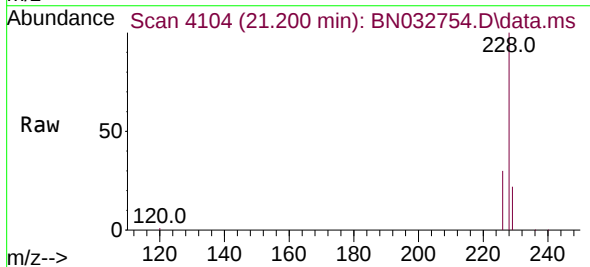
Manual Integrations
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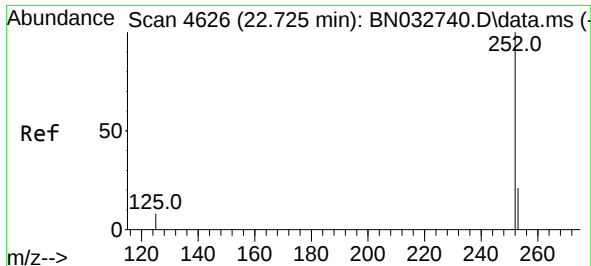
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#22
Chrysene
Concen: 9.375 ng/ul m
RT: 21.200 min Scan# 4104
Delta R.T. -0.032 min
Lab File: BN032754.D
Acq: 16 Jul 2024 23:07

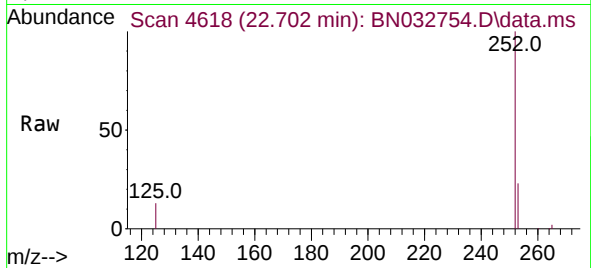
Tgt Ion:228 Resp: 552462
Ion Ratio Lower Upper
228 100
226 30.1 24.0 36.0
229 22.2 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 11.685 ng/ul m
RT: 22.702 min Scan# 4618
Delta R.T. -0.032 min
Lab File: BN032754.D
Acq: 16 Jul 2024 23:07

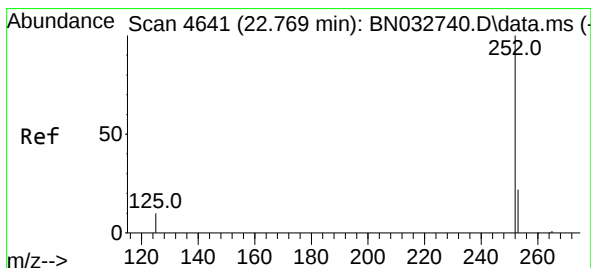
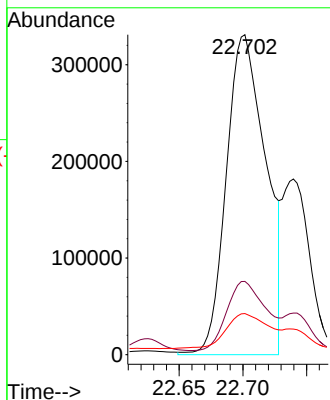
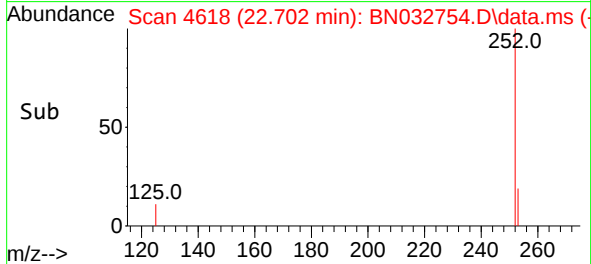
Instrument :
BNA_N
ClientSampleId :
A4BY1



Tgt Ion:252 Resp: 712994
Ion Ratio Lower Upper
252 100
253 22.9 0.0 54.0
125 12.9 0.0 36.0

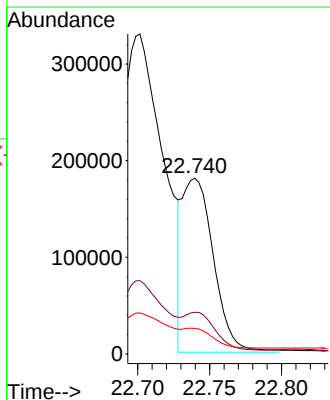
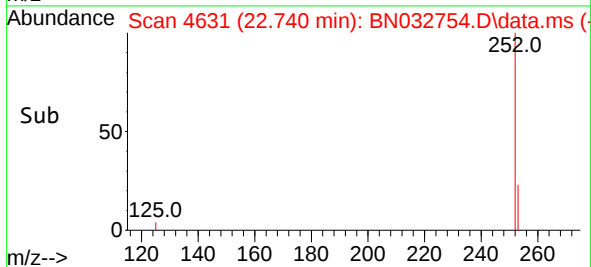
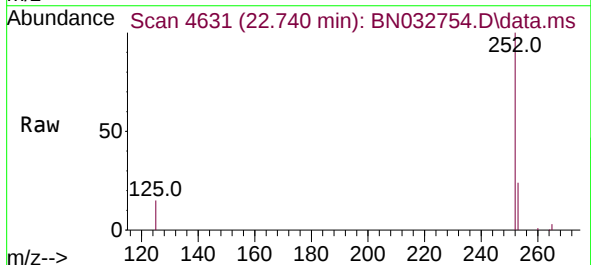
Manual Integrations
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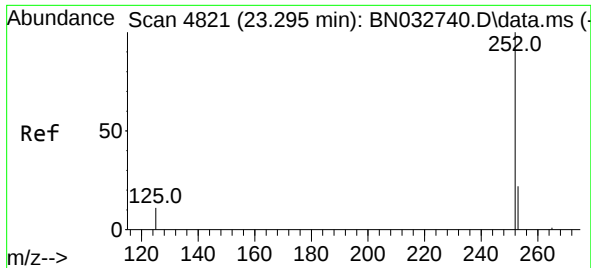
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#25
Benzo(k)fluoranthene
Concen: 3.651 ng/ul m
RT: 22.740 min Scan# 4631
Delta R.T. -0.038 min
Lab File: BN032754.D
Acq: 16 Jul 2024 23:07

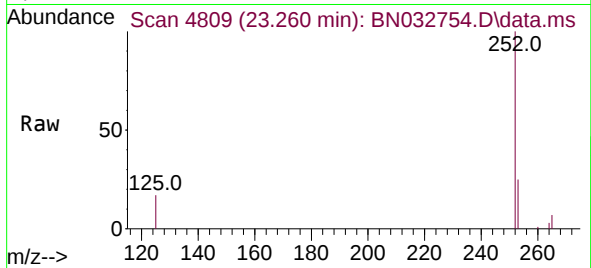
Tgt Ion:252 Resp: 271496
Ion Ratio Lower Upper
252 100
253 23.7 21.2 31.8
125 14.6 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 3.620 ng/ul m
RT: 23.260 min Scan# 4809
Delta R.T. -0.050 min
Lab File: BN032754.D
Acq: 16 Jul 2024 23:07

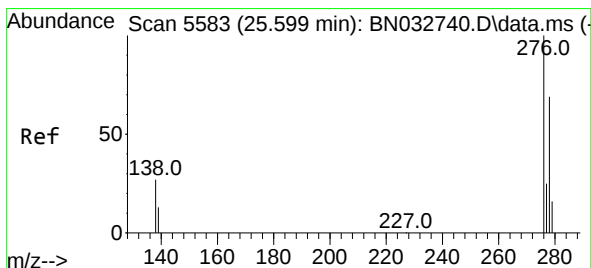
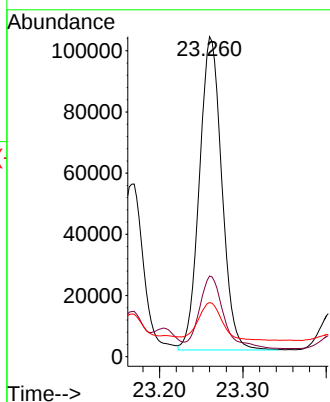
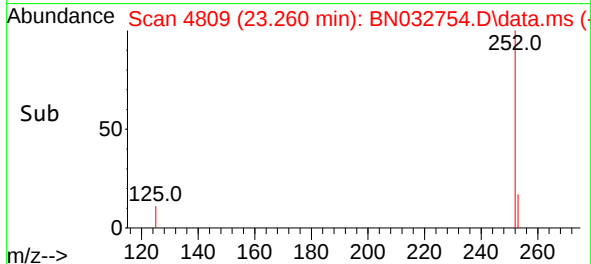
Instrument :
BNA_N
ClientSampleId :
A4BY1



Tgt Ion:252 Resp: 191138
Ion Ratio Lower Upper
252 100
253 25.2 25.4 38.0#
125 16.9 20.6 30.8#

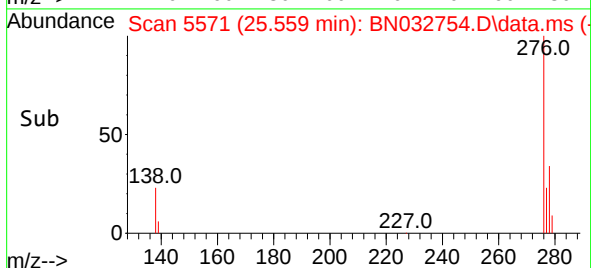
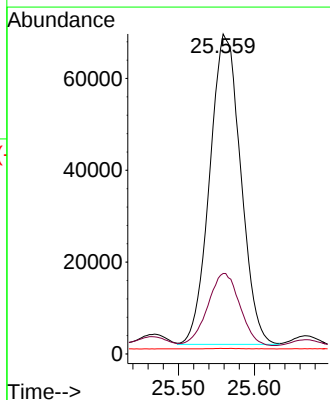
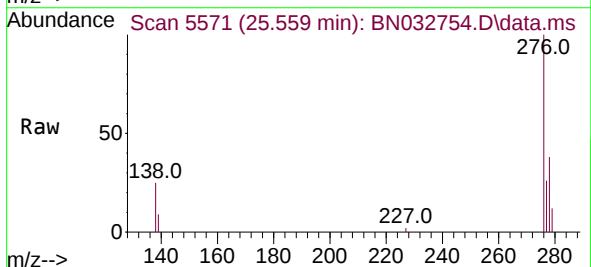
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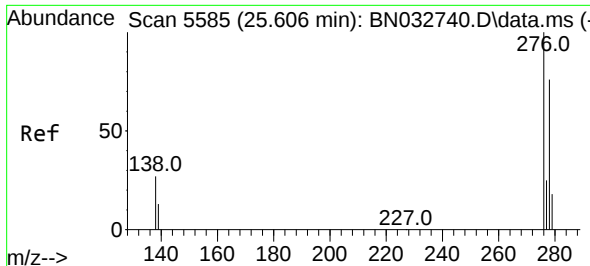
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.678 ng/ul m
RT: 25.559 min Scan# 5571
Delta R.T. -0.067 min
Lab File: BN032754.D
Acq: 16 Jul 2024 23:07

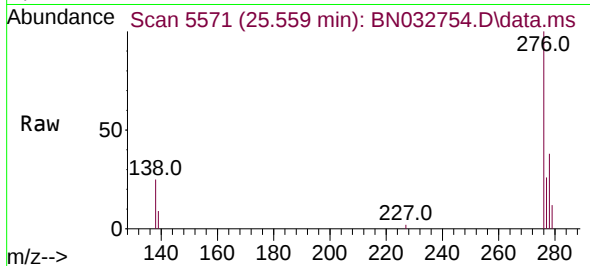
Tgt Ion:276 Resp: 191451
Ion Ratio Lower Upper
276 100
138 5.2 21.6 32.4#
227 0.0 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 1.647 ng/ul m
RT: 25.559 min Scan# 51
Delta R.T. -0.081 min
Lab File: BN032754.D
Acq: 16 Jul 2024 23:07

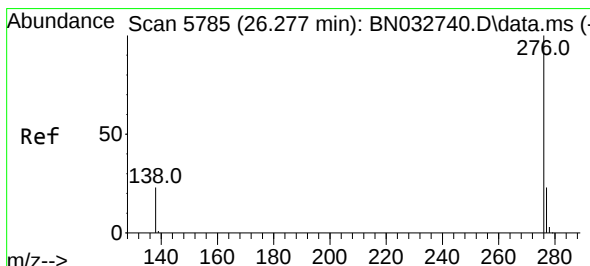
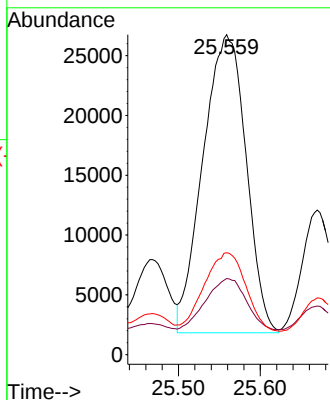
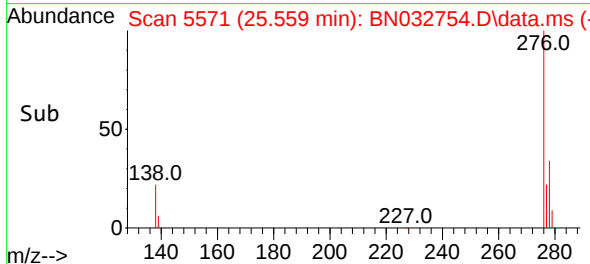
Instrument :
BNA_N
ClientSampleId :
A4BY1



Tgt Ion:278 Resp: 9125
Ion Ratio Lower Upper
278 100
139 23.8 16.6 24.8
279 31.9 23.7 35.5

Manual Integrations
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Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#29
Benzo(g,h,i)perylene
Concen: 0.448 ng/ul m
RT: 26.243 min Scan# 5775
Delta R.T. -0.057 min
Lab File: BN032754.D
Acq: 16 Jul 2024 23:07

Tgt Ion:276 Resp: 26770
Ion Ratio Lower Upper
276 100
138 35.6 21.0 31.4#
277 36.3 20.6 31.0#

