

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032328.D
 Acq On : 29 Jun 2024 00:16
 Operator : MA/JU
 Sample : P2934-22
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B73

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/29/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jun 29 00:52:10 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 : Thu Jun 27 13:23:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.612	152	8637	0.400	ng/ul	0.00
4) Naphthalene-d8	10.387	136	26542	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.258	164	14476	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.012	188	26633m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.211	240	19736m	0.400	ng/ul	-0.01
23) Perylene-d12	23.427	264	20169m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	27021	2.815	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.988	152	7842	0.197	ng/ul	-0.01
18) Fluoranthene-d10	19.045	212	14617m	0.246	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.437	128	9336	0.133	ng/ul	98
7) 2-Methylnaphthalene	12.065	142	2801	0.060	ng/ul	98
8) 1-Methylnaphthalene	12.285	142	2352	0.049	ng/ul	97
10) Acenaphthylene	13.980	152	12123	0.201	ng/ul	97
11) Acenaphthene	14.322	153	7619	0.163	ng/ul	99
12) Fluorene	15.312	166	9369	0.168	ng/ul#	99
15) Phenanthrene	17.054	178	217620m	2.980	ng/ul	
16) Anthracene	17.143	178	30853m	0.474	ng/ul	
19) Fluoranthene	19.078	202	458409m	6.100	ng/ul	
20) Pyrene	19.440	202	281762m	3.588	ng/ul	
21) Benzo(a)anthracene	21.197	228	150796m	2.117	ng/ul	
22) Chrysene	21.246	228	196354m	2.511	ng/ul	
24) Benzo(b)fluoranthene	22.763	252	256792m	2.931	ng/ul	
25) Benzo(k)fluoranthene	22.801	252	89486m	1.051	ng/ul	
26) Benzo(a)pyrene	23.330	252	81008m	1.329	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.660	276	80139m	0.839	ng/ul	
28) Dibenzo(a,h)anthracene	25.666	278	28124m	0.397	ng/ul	
29) Benzo(g,h,i)perylene	26.347	276	12673m	0.167	ng/ul	

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

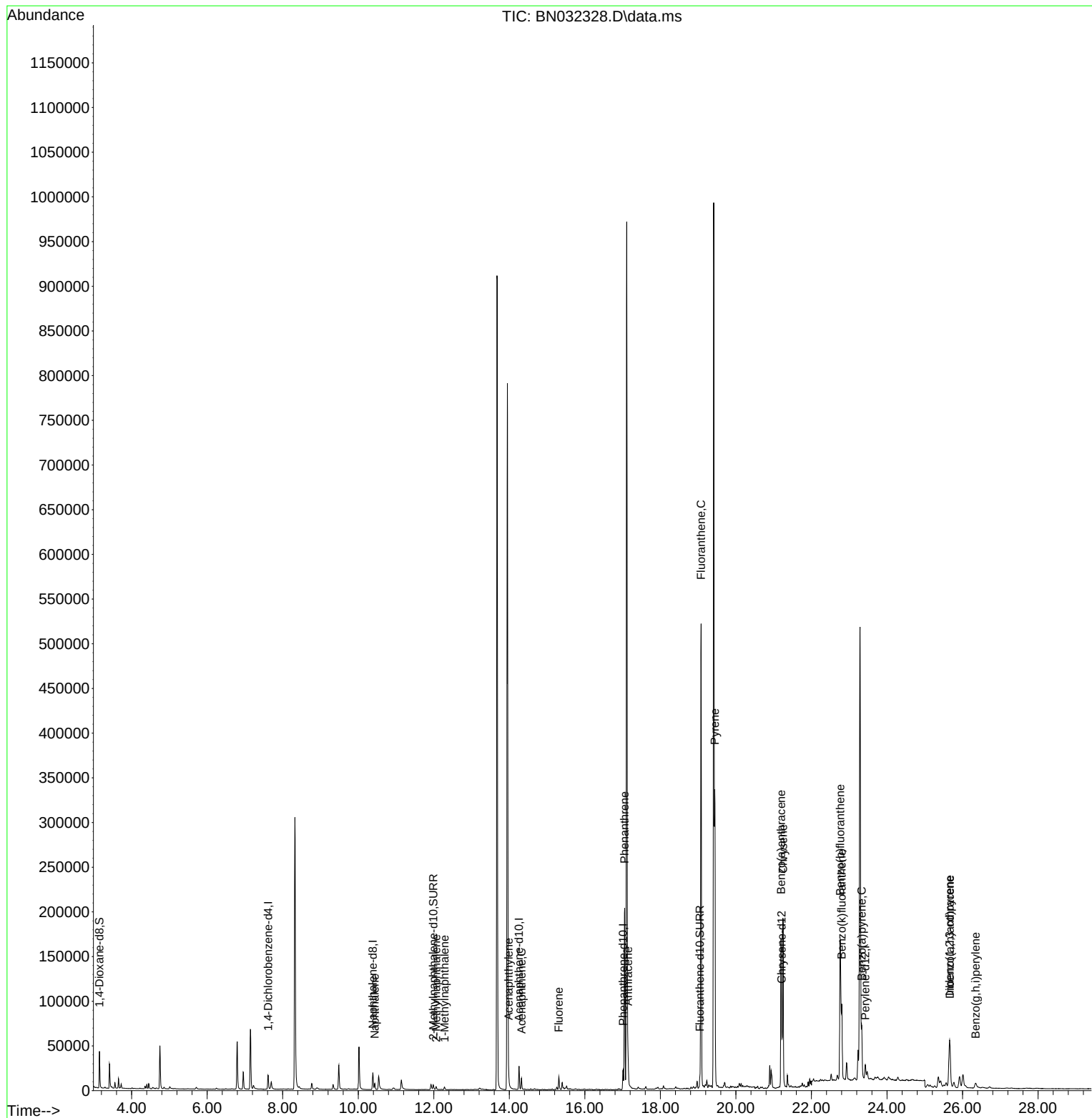
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032328.D
Acq On : 29 Jun 2024 00:16
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ALS Vial : 25 Sample Multiplier: 1

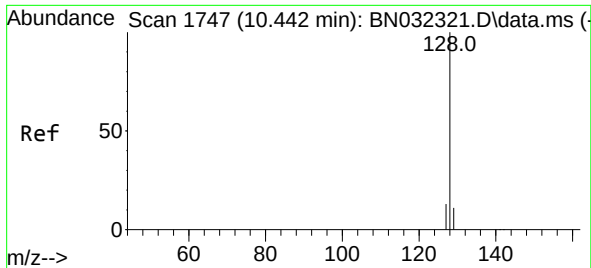
Instrument :
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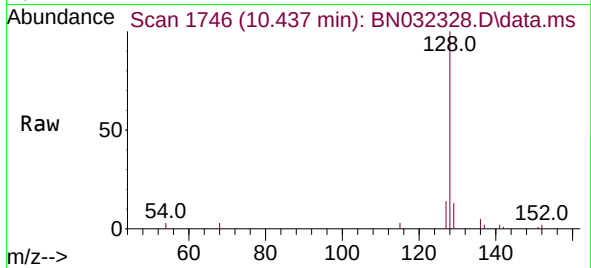
Quant Time: Jun 29 00:52:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
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#5
Naphthalene
Concen: 0.133 ng/ul
RT: 10.437 min Scan# 1746
Delta R.T. -0.011 min
Lab File: BN032328.D
Acq: 29 Jun 2024 00:16

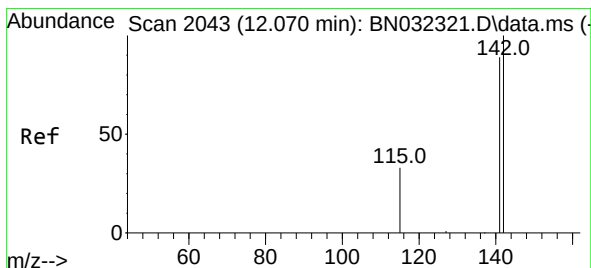
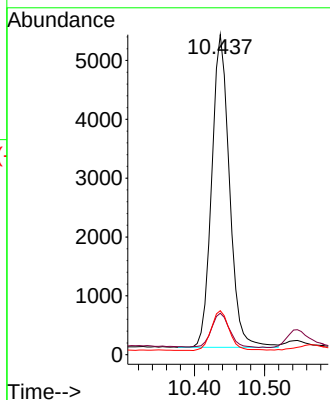
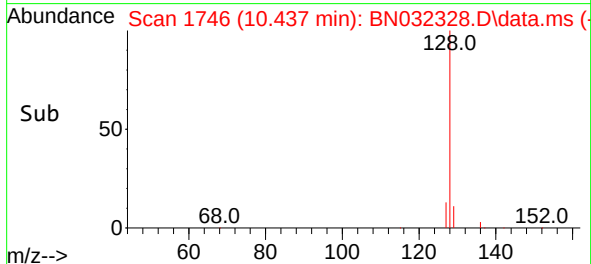
Instrument :
BNA_N
ClientSampleId :
A4B73



Tgt Ion:128 Resp: 9330
Ion Ratio Lower Upper
128 100
129 12.9 9.2 13.8
127 13.8 10.8 16.2

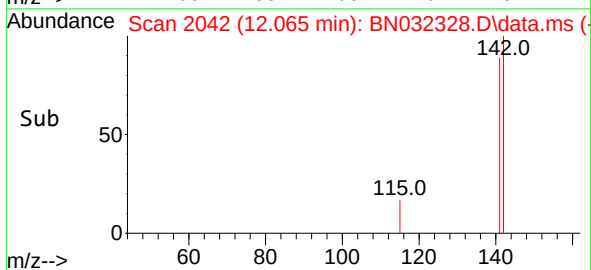
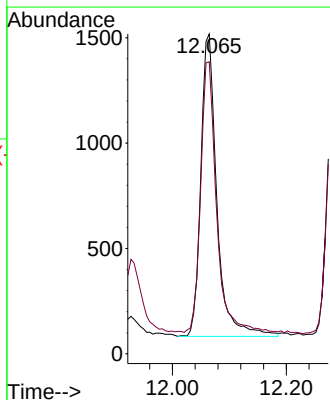
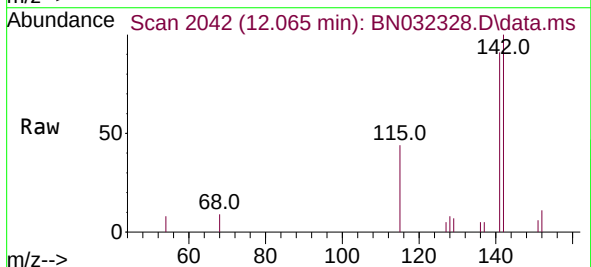
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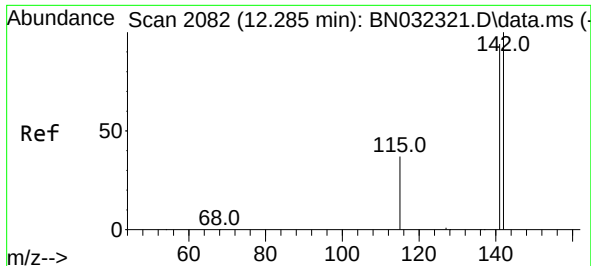
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



#7
2-Methylnaphthalene
Concen: 0.060 ng/ul
RT: 12.065 min Scan# 2042
Delta R.T. -0.011 min
Lab File: BN032328.D
Acq: 29 Jun 2024 00:16

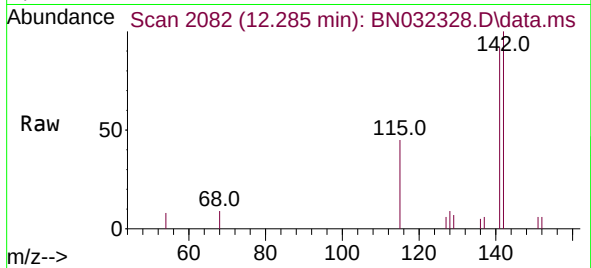
Tgt Ion:142 Resp: 2801
Ion Ratio Lower Upper
142 100
141 88.0 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.049 ng/ul
RT: 12.285 min Scan# 2082
Delta R.T. -0.011 min
Lab File: BN032328.D
Acq: 29 Jun 2024 00:16

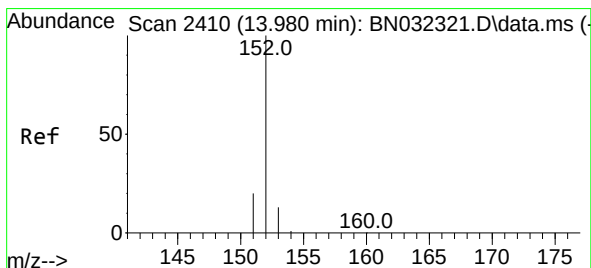
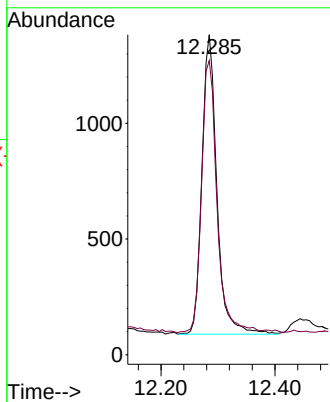
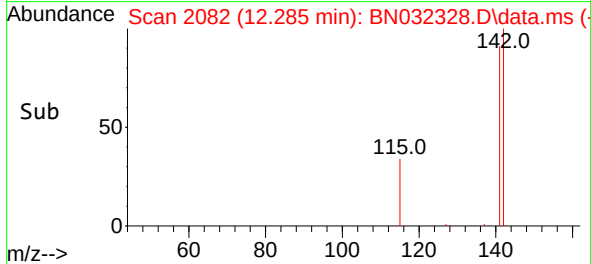
Instrument :
BNA_N
ClientSampleId :
A4B73



Tgt Ion:142 Resp: 235
Ion Ratio Lower Upper
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141 94.3 73.4 110.0

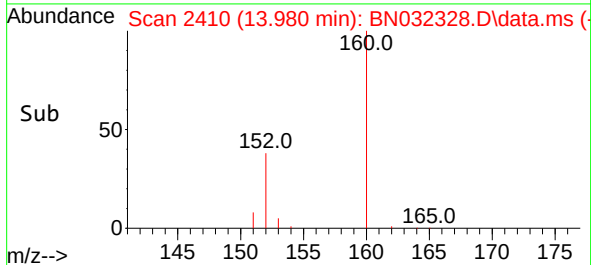
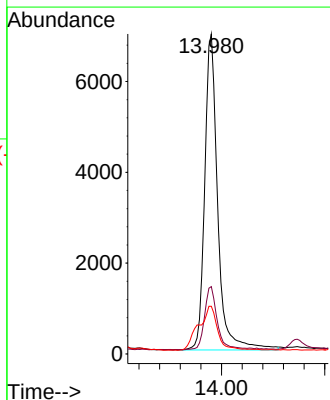
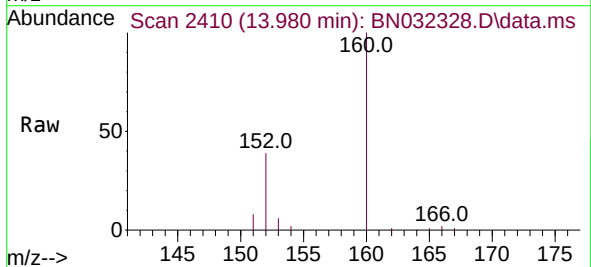
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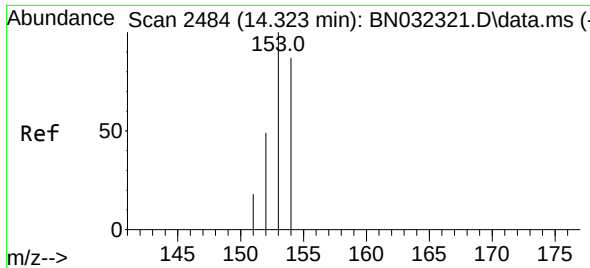
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



#10
Acenaphthylene
Concen: 0.201 ng/ul
RT: 13.980 min Scan# 2410
Delta R.T. -0.009 min
Lab File: BN032328.D
Acq: 29 Jun 2024 00:16

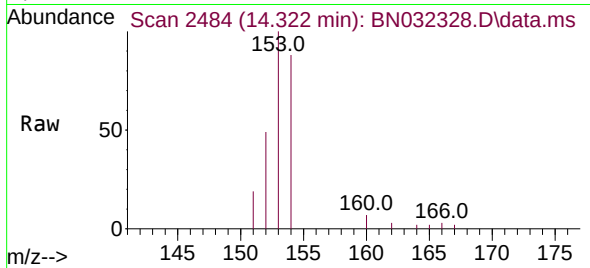
Tgt Ion:152 Resp: 12123
Ion Ratio Lower Upper
152 100
151 21.0 15.7 23.5
153 14.9 10.9 16.3





#11
Acenaphthene
Concen: 0.163 ng/u1
RT: 14.322 min Scan# 2484
Delta R.T. -0.009 min
Lab File: BN032328.D
Acq: 29 Jun 2024 00:16

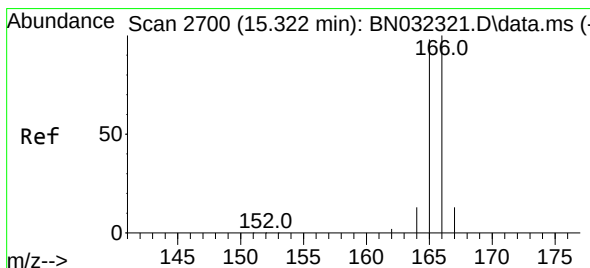
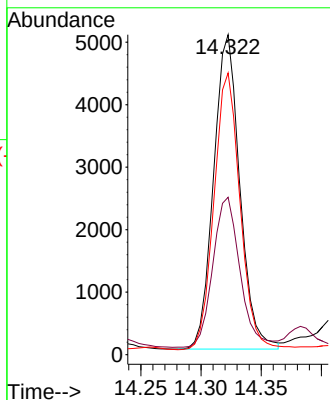
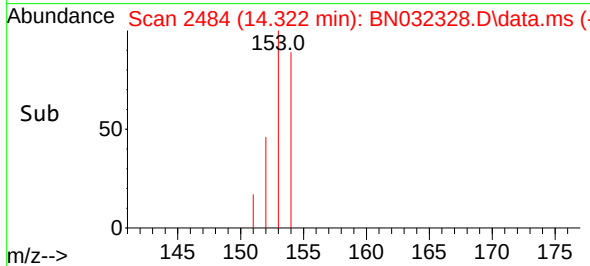
Instrument :
BNA_N
ClientSampleId :
A4B73



Tgt Ion:153 Resp: 7619
Ion Ratio Lower Upper
153 100
152 49.2 39.5 59.3
154 88.0 71.7 107.5

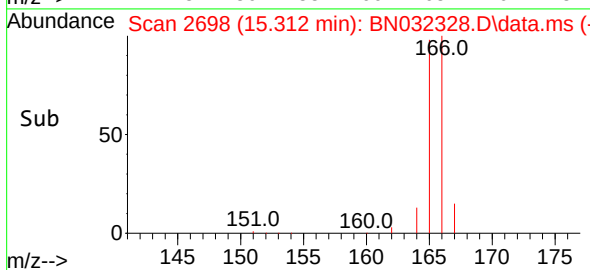
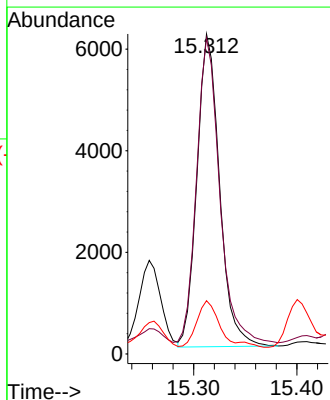
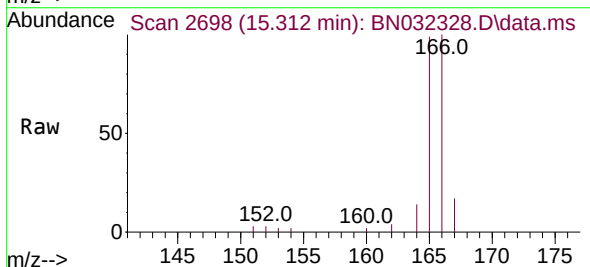
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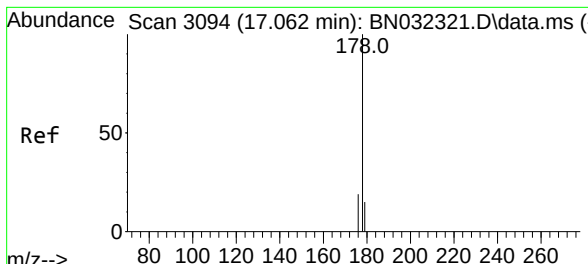
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



#12
Fluorene
Concen: 0.168 ng/u1
RT: 15.312 min Scan# 2698
Delta R.T. -0.014 min
Lab File: BN032328.D
Acq: 29 Jun 2024 00:16

Tgt Ion:166 Resp: 9369
Ion Ratio Lower Upper
166 100
165 98.8 79.0 118.6
167 16.7 11.0 16.6#





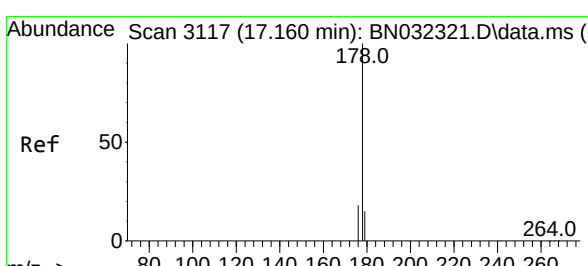
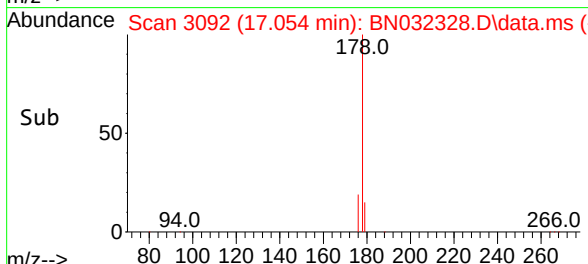
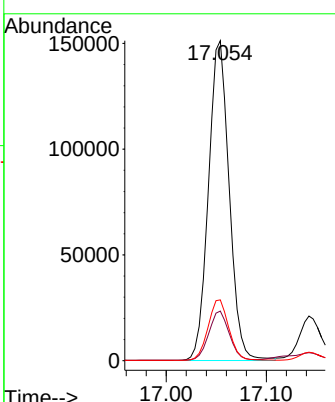
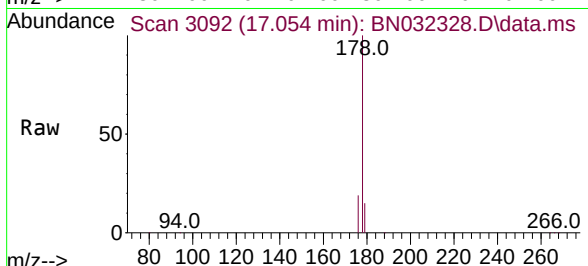
#15
 Phenanthrene
 Concen: 2.980 ng/ul m
 RT: 17.054 min Scan# 3094
 Delta R.T. -0.013 min
 Lab File: BN032328.D
 Acq: 29 Jun 2024 00:16

Instrument : BNA_N
 ClientSampleId : A4B73

Tgt Ion:178 Resp: 217620

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	18.8
176	19.0	15.6	23.4

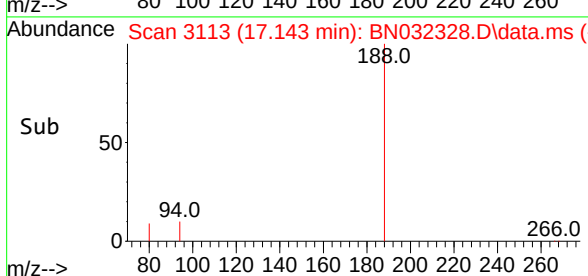
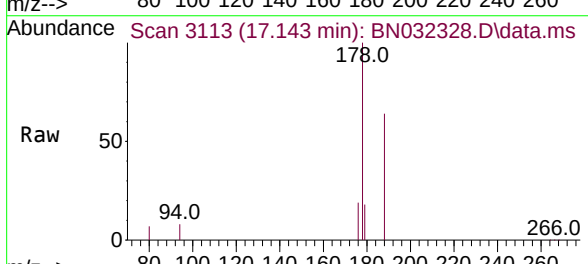
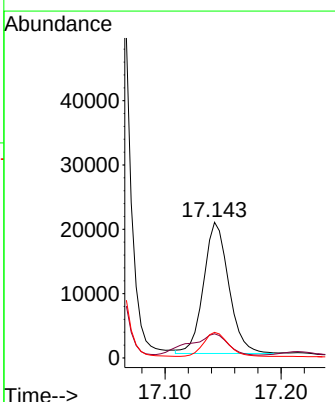
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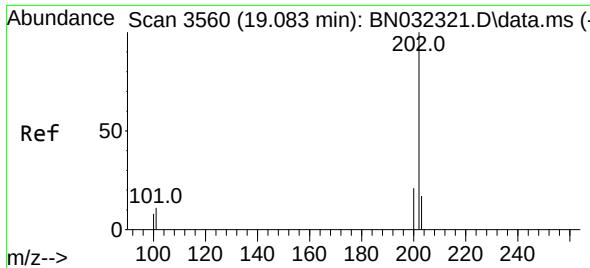


#16
 Anthracene
 Concen: 0.474 ng/ul m
 RT: 17.143 min Scan# 3113
 Delta R.T. -0.017 min
 Lab File: BN032328.D
 Acq: 29 Jun 2024 00:16

Tgt Ion:178 Resp: 30853

Ion	Ratio	Lower	Upper
178	100		
179	17.8	12.5	18.7
176	18.9	15.0	22.6





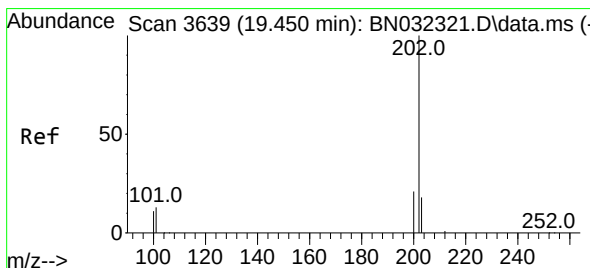
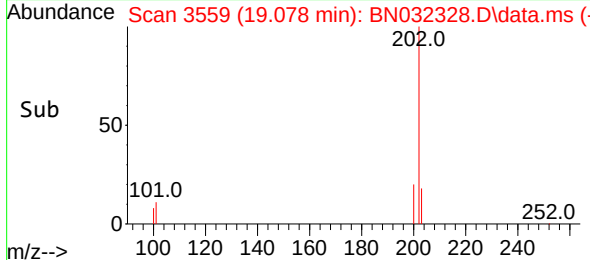
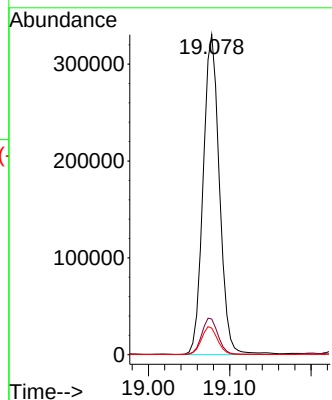
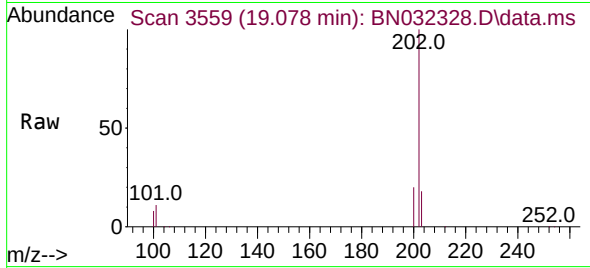
#19
Fluoranthene
Concen: 6.100 ng/ul m
RT: 19.078 min Scan# 3559
Delta R.T. -0.014 min
Lab File: BN032328.D
Acq: 29 Jun 2024 00:16

Instrument :
BNA_N
ClientSampleId :
A4B73

Tgt Ion:202 Resp: 458409
Ion Ratio Lower Upper
202 100
101 11.1 8.8 13.2
100 8.3 6.4 9.6

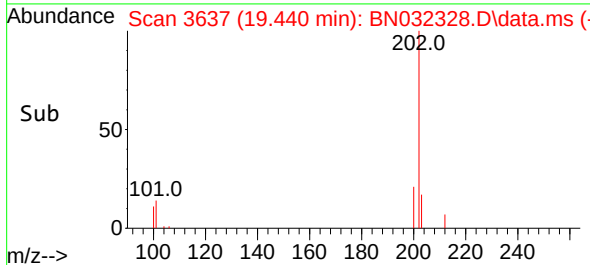
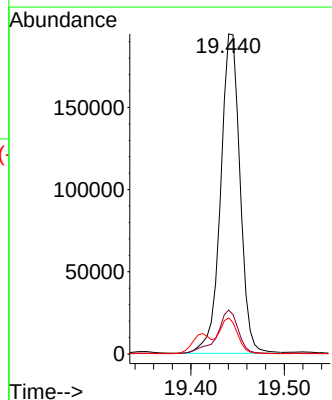
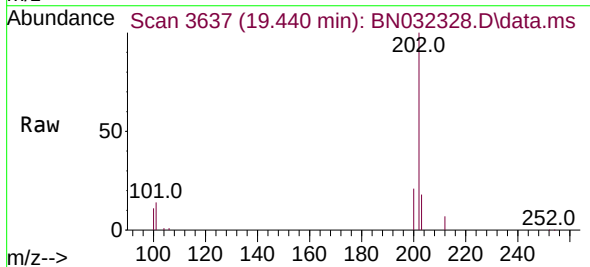
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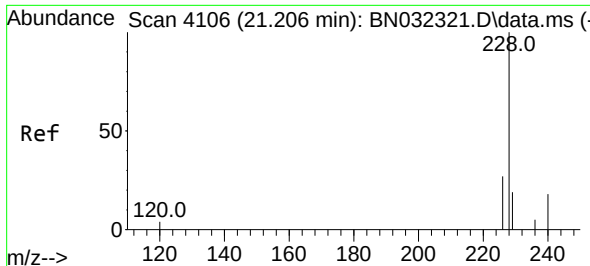
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



#20
Pyrene
Concen: 3.588 ng/ul m
RT: 19.440 min Scan# 3637
Delta R.T. -0.014 min
Lab File: BN032328.D
Acq: 29 Jun 2024 00:16

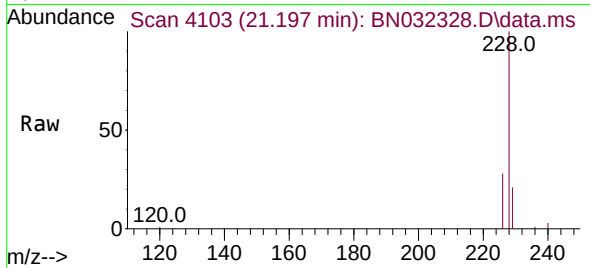
Tgt Ion:202 Resp: 281762
Ion Ratio Lower Upper
202 100
101 13.7 11.0 16.4
100 11.3 8.7 13.1





#21
Benzo(a)anthracene
Concen: 2.117 ng/ul m
RT: 21.197 min Scan# 4106
Delta R.T. -0.018 min
Lab File: BN032328.D
Acq: 29 Jun 2024 00:16

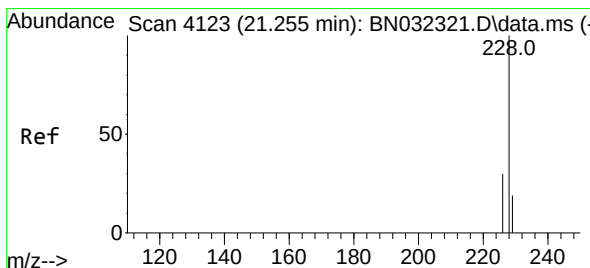
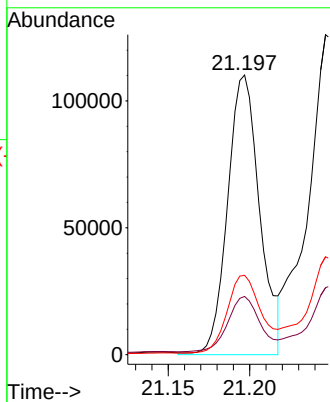
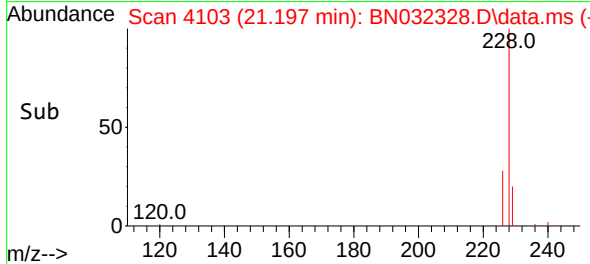
Instrument :
BNA_N
ClientSampleId :
A4B73



Tgt Ion:228 Resp: 150790
Ion Ratio Lower Upper
228 100
229 20.8 15.7 23.5
226 28.4 21.8 32.8

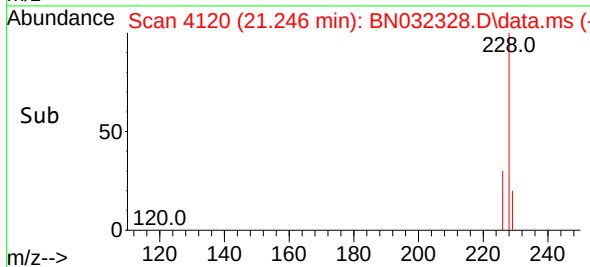
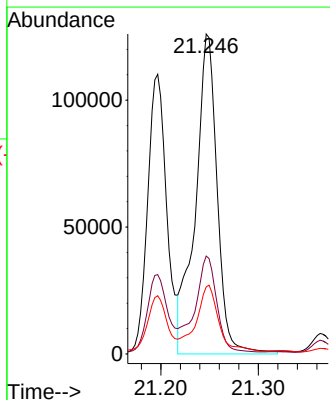
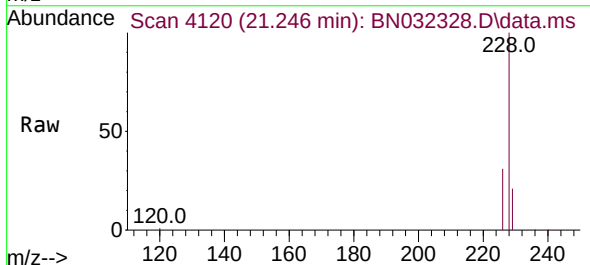
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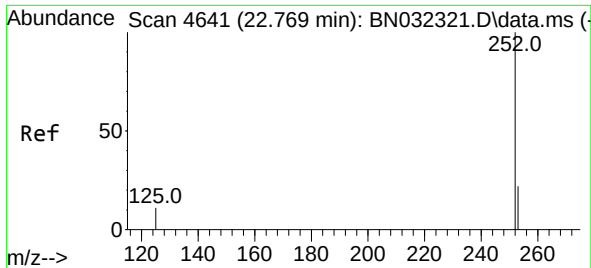
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



#22
Chrysene
Concen: 2.511 ng/ul m
RT: 21.246 min Scan# 4120
Delta R.T. -0.021 min
Lab File: BN032328.D
Acq: 29 Jun 2024 00:16

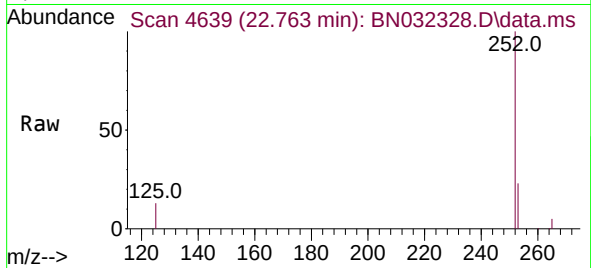
Tgt Ion:228 Resp: 196354
Ion Ratio Lower Upper
228 100
226 30.6 23.6 35.4
229 21.0 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 2.931 ng/ul m
RT: 22.763 min Scan# 4639
Delta R.T. -0.021 min
Lab File: BN032328.D
Acq: 29 Jun 2024 00:16

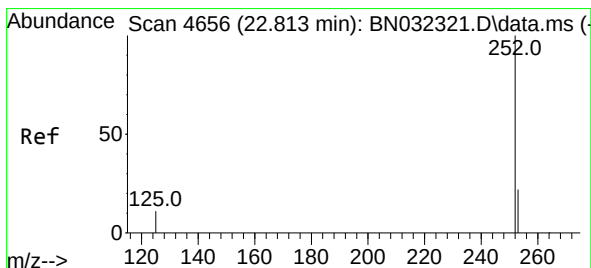
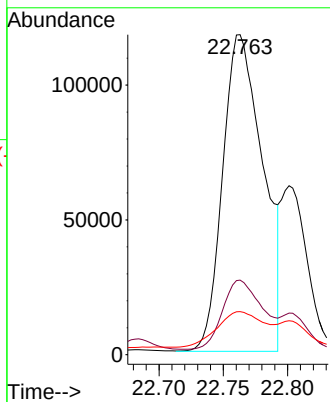
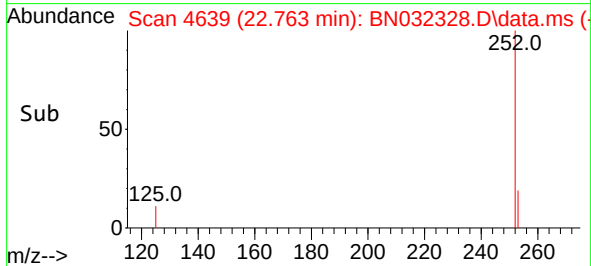
Instrument :
BNA_N
ClientSampleId :
A4B73



Tgt Ion:252 Resp: 256792
Ion Ratio Lower Upper
252 100
253 23.3 0.0 50.2
125 13.5 0.0 32.0

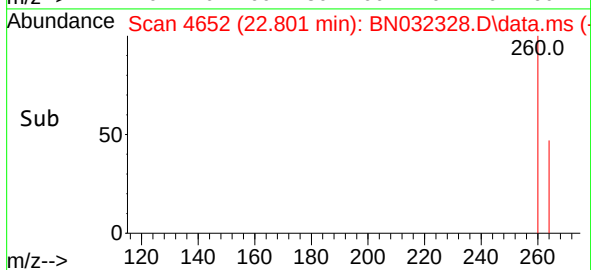
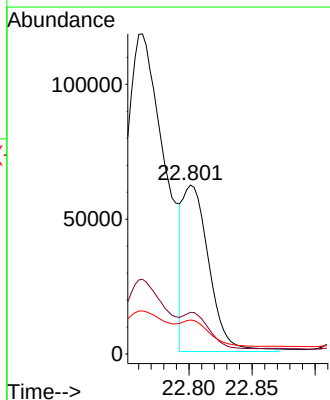
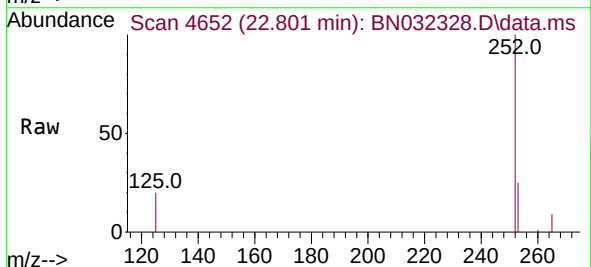
Manual Integrations
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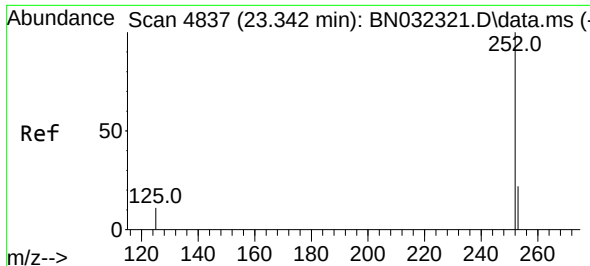
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



#25
Benzo(k)fluoranthene
Concen: 1.051 ng/ul m
RT: 22.801 min Scan# 4652
Delta R.T. -0.026 min
Lab File: BN032328.D
Acq: 29 Jun 2024 00:16

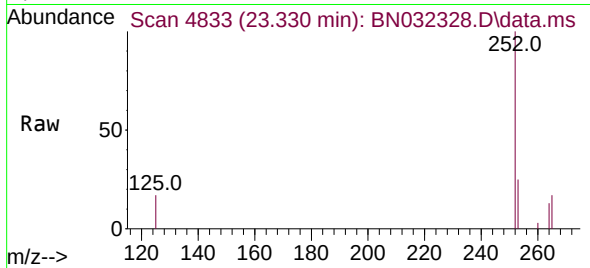
Tgt Ion:252 Resp: 89486
Ion Ratio Lower Upper
252 100
253 24.6 20.3 30.5
125 20.0 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 1.329 ng/ul m
RT: 23.330 min Scan# 4837
Delta R.T. -0.029 min
Lab File: BN032328.D
Acq: 29 Jun 2024 00:16

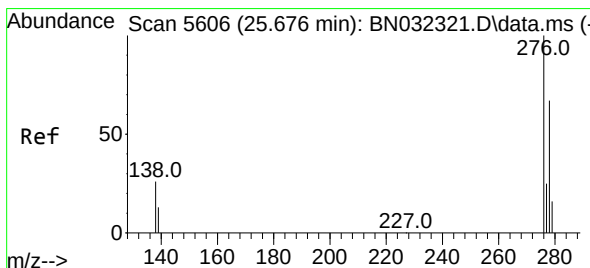
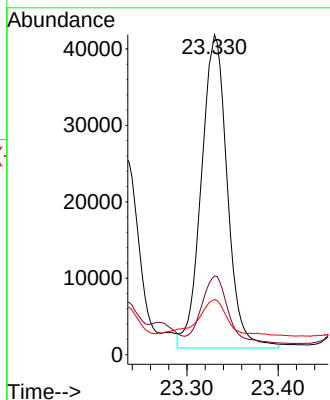
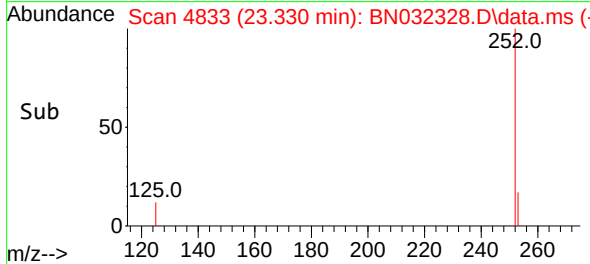
Instrument :
BNA_N
ClientSampleId :
A4B73



Tgt Ion:252 Resp: 81008
Ion Ratio Lower Upper
252 100
253 24.6 22.2 33.2
125 17.3 16.4 24.6

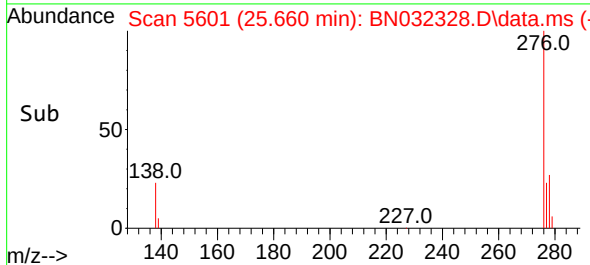
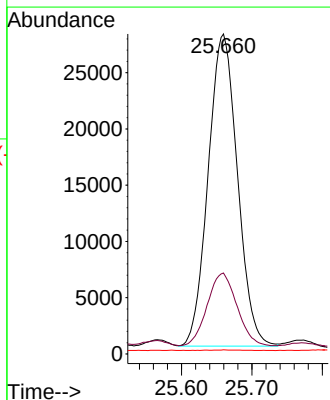
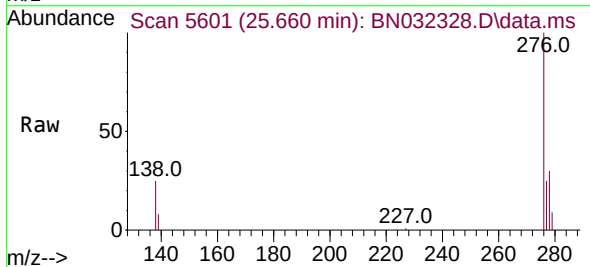
Manual Integrations
APPROVED

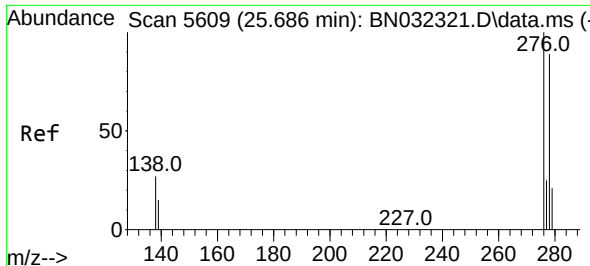
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.839 ng/ul m
RT: 25.660 min Scan# 5601
Delta R.T. -0.040 min
Lab File: BN032328.D
Acq: 29 Jun 2024 00:16

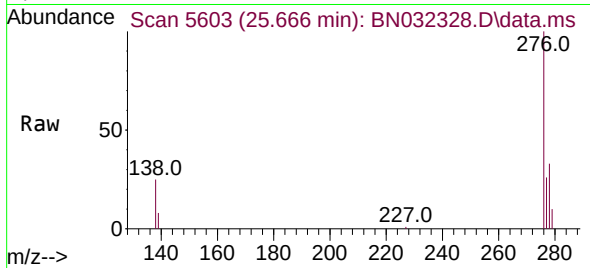
Tgt Ion:276 Resp: 80139
Ion Ratio Lower Upper
276 100
138 3.6 21.3 31.9#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.397 ng/ul m
RT: 25.666 min Scan# 5603
Delta R.T. -0.044 min
Lab File: BN032328.D
Acq: 29 Jun 2024 00:16

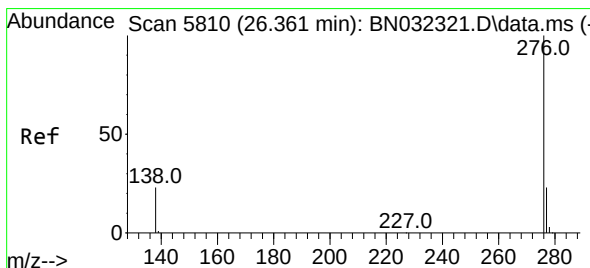
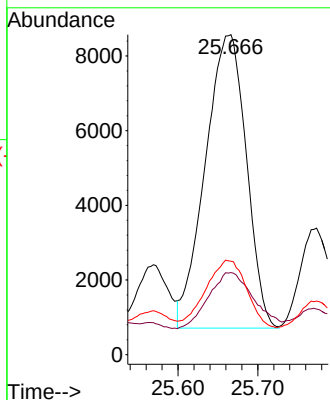
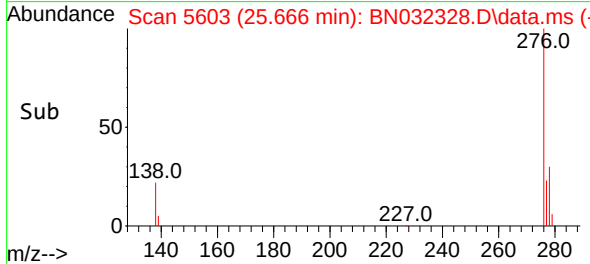
Instrument :
BNA_N
ClientSampleId :
A4B73



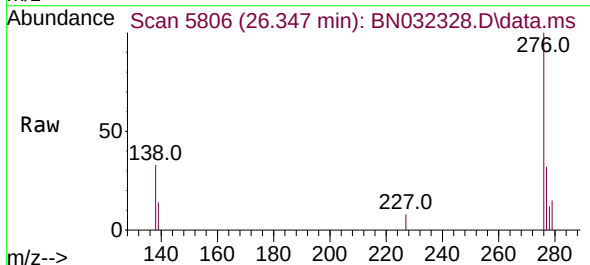
Tgt Ion:278 Resp: 28124
Ion Ratio Lower Upper
278 100
139 25.6 15.9 23.9#
279 29.2 21.1 31.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



#29
Benzo(g,h,i)perylene
Concen: 0.167 ng/ul m
RT: 26.347 min Scan# 5806
Delta R.T. -0.034 min
Lab File: BN032328.D
Acq: 29 Jun 2024 00:16



Tgt Ion:276 Resp: 12673
Ion Ratio Lower Upper
276 100
138 33.3 19.8 29.6#
277 31.8 19.8 29.6#

