

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032346.D
 Acq On : 29 Jun 2024 11:41
 Operator : MA/JU
 Sample : P2934-02
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B59

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/01/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jun 30 23:04:35 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	8865	0.400	ng/ul	0.00
4) Naphthalene-d8	10.387	136	25595	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.258	164	13791	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.012	188	25555m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.214	240	20698m	0.400	ng/ul	-0.01
23) Perylene-d12	23.433	264	23650m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	39007	3.959	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.982	152	9959	0.259	ng/ul	-0.02
18) Fluoranthene-d10	19.045	212	19762m	0.317	ng/ul	-0.01
Target Compounds					Qvalue	
5) Naphthalene	10.437	128	3927	0.058	ng/ul#	90
7) 2-Methylnaphthalene	12.059	142	1514	0.034	ng/ul	99
8) 1-Methylnaphthalene	12.279	142	1403	0.030	ng/ul	97
10) Acenaphthylene	13.980	152	17760	0.310	ng/ul	98
11) Acenaphthene	14.318	153	4771	0.107	ng/ul	97
12) Fluorene	15.313	166	5909	0.111	ng/ul#	96
15) Phenanthrene	17.054	178	71913m	1.026	ng/ul	
16) Anthracene	17.143	178	15872m	0.254	ng/ul	
19) Fluoranthene	19.078	202	90744m	1.151	ng/ul	
20) Pyrene	19.440	202	77928m	0.946	ng/ul	
21) Benzo(a)anthracene	21.197	228	40795m	0.546	ng/ul	
22) Chrysene	21.249	228	53953m	0.658	ng/ul	
24) Benzo(b)fluoranthene	22.766	252	64989m	0.632	ng/ul	
25) Benzo(k)fluoranthene	22.807	252	20846m	0.209	ng/ul	
26) Benzo(a)pyrene	23.333	252	33779m	0.473	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.673	276	27530m	0.246	ng/ul	
28) Dibenzo(a,h)anthracene	25.663	278	18313m	0.220	ng/ul	
29) Benzo(g,h,i)perylene	26.361	276	5524m	0.062	ng/ul	

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

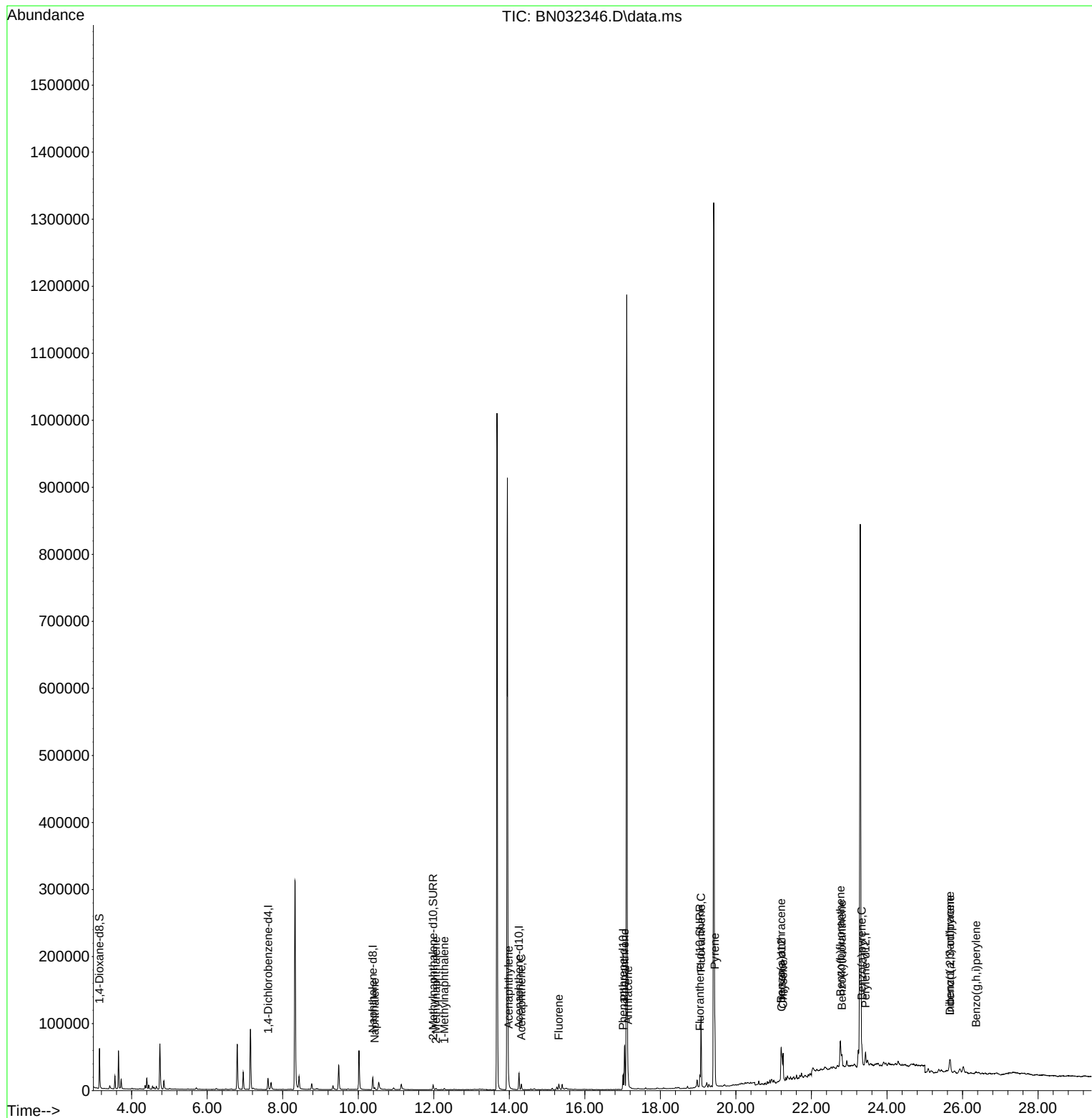
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032346.D
Acq On : 29 Jun 2024 11:41
Operator : MA/JU
Sample : P2934-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

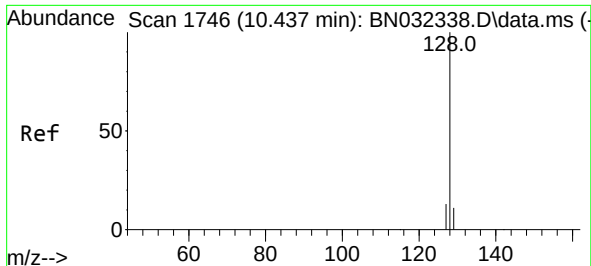
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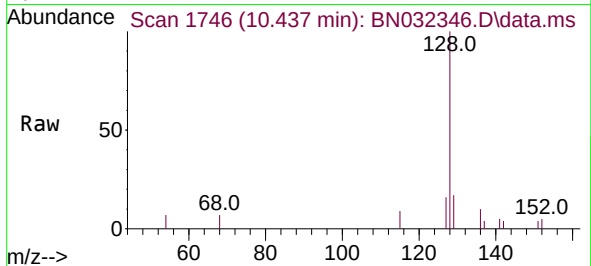
Quant Time: Jun 30 23:04:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.058 ng/ul
RT: 10.437 min Scan# 1746
Delta R.T. -0.011 min
Lab File: BN032346.D
Acq: 29 Jun 2024 11:41

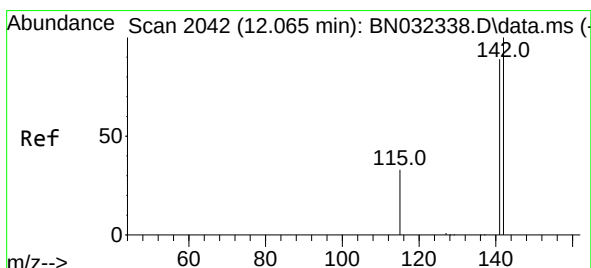
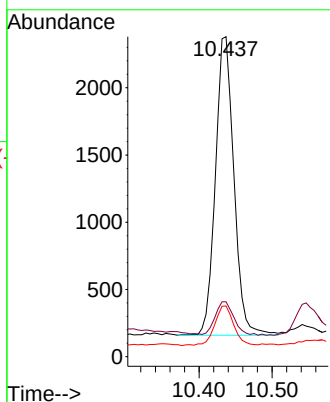
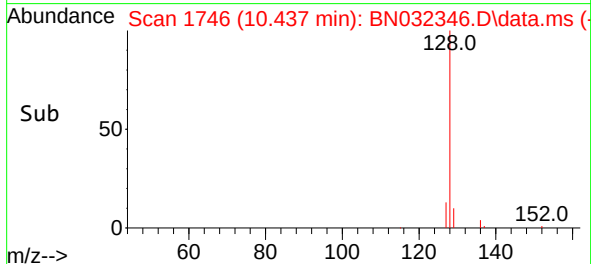
Instrument :
BNA_N
ClientSampleId :
A4B59



Tgt Ion:128 Resp: 392
Ion Ratio Lower Upper
128 100
129 17.1 9.2 13.8
127 15.8 10.8 16.2

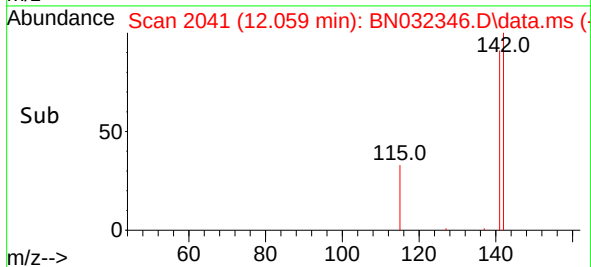
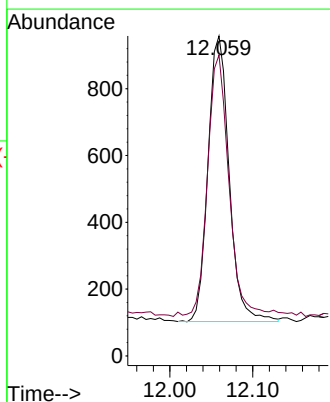
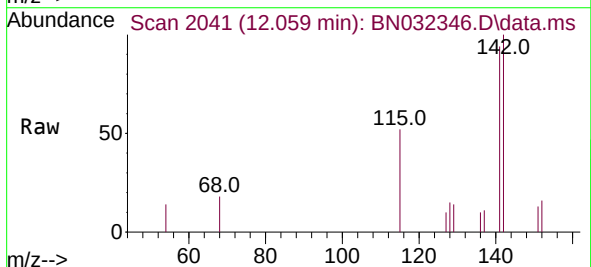
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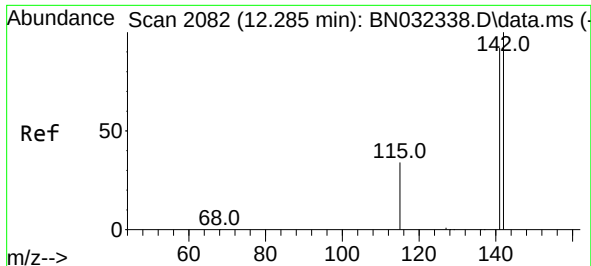
Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



#7
2-Methylnaphthalene
Concen: 0.034 ng/ul
RT: 12.059 min Scan# 2041
Delta R.T. -0.017 min
Lab File: BN032346.D
Acq: 29 Jun 2024 11:41

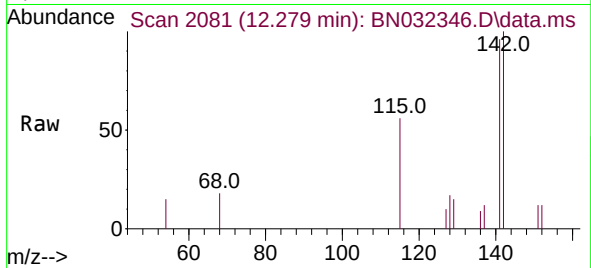
Tgt Ion:142 Resp: 1514
Ion Ratio Lower Upper
142 100
141 91.5 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.030 ng/ul
RT: 12.279 min Scan# 2081
Delta R.T. -0.017 min
Lab File: BN032346.D
Acq: 29 Jun 2024 11:41

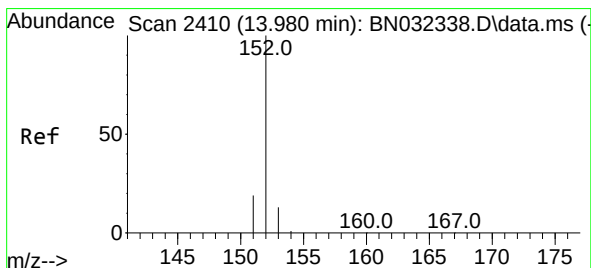
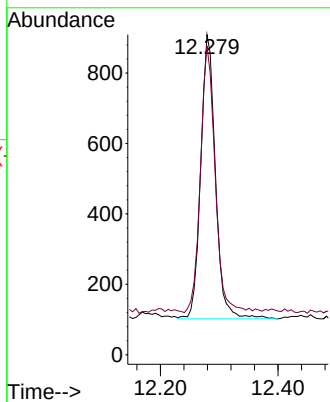
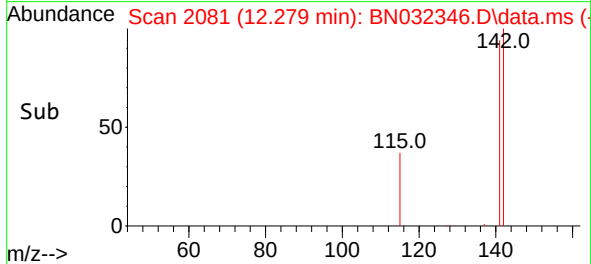
Instrument :
BNA_N
ClientSampleId :
A4B59



Tgt Ion:142 Resp: 140
Ion Ratio Lower Upper
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141 94.2 73.4 110.0

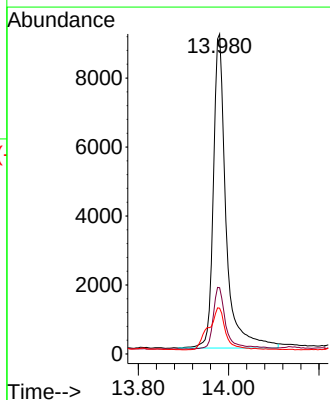
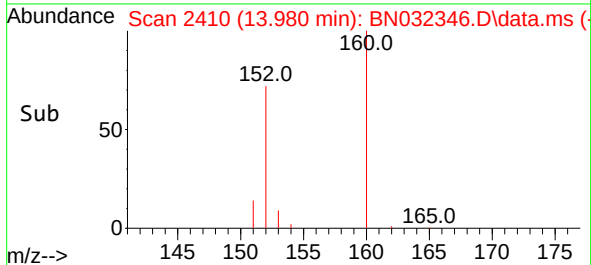
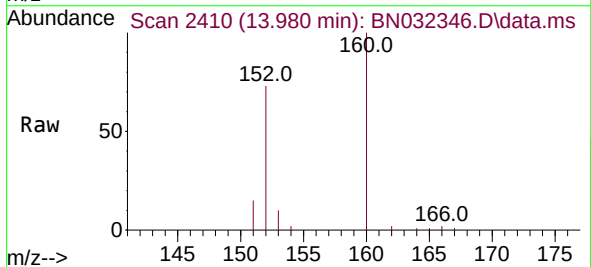
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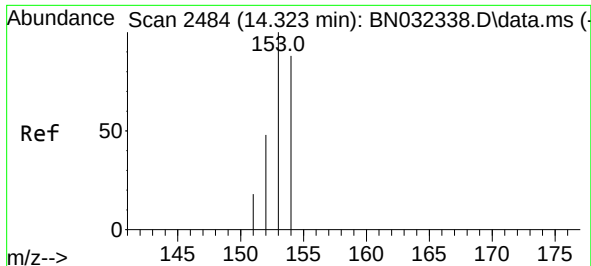
Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



#10
Acenaphthylene
Concen: 0.310 ng/ul
RT: 13.980 min Scan# 2410
Delta R.T. -0.009 min
Lab File: BN032346.D
Acq: 29 Jun 2024 11:41

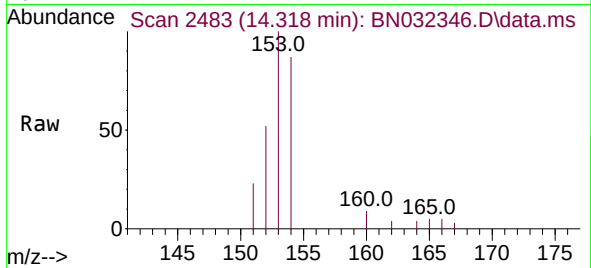
Tgt Ion:152 Resp: 17760
Ion Ratio Lower Upper
152 100
151 20.7 15.7 23.5
153 14.3 10.9 16.3





#11
Acenaphthene
Concen: 0.107 ng/ul
RT: 14.318 min Scan# 2483
Delta R.T. -0.014 min
Lab File: BN032346.D
Acq: 29 Jun 2024 11:41

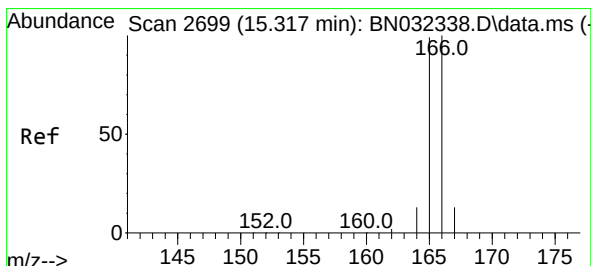
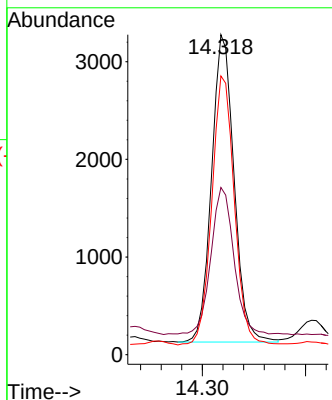
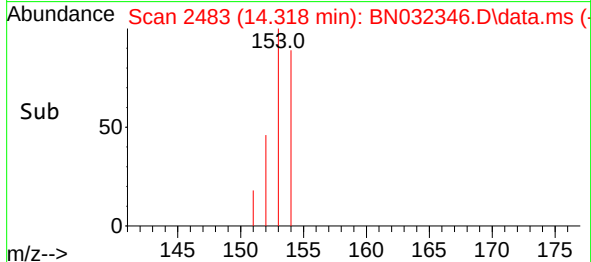
Instrument :
BNA_N
ClientSampleId :
A4B59



Tgt Ion:153 Resp: 477
Ion Ratio Lower Upper
153 100
152 52.2 39.5 59.3
154 87.1 71.7 107.5

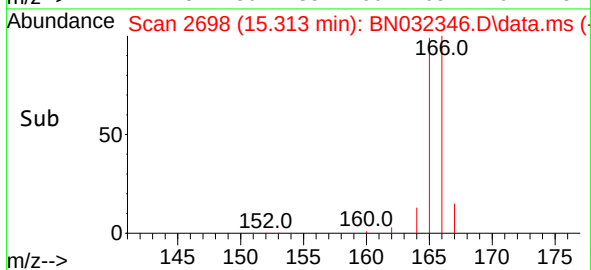
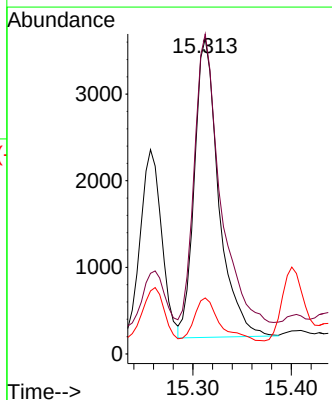
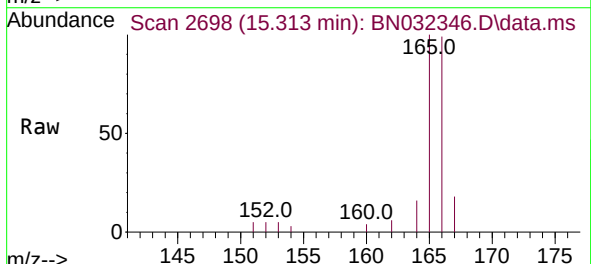
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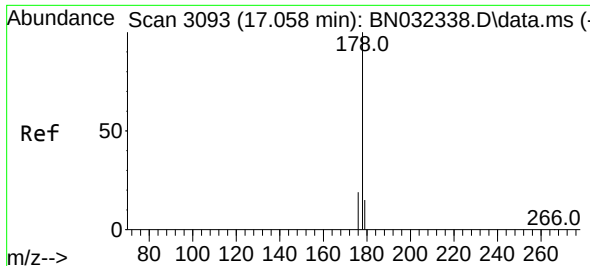
Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



#12
Fluorene
Concen: 0.111 ng/ul
RT: 15.313 min Scan# 2698
Delta R.T. -0.014 min
Lab File: BN032346.D
Acq: 29 Jun 2024 11:41

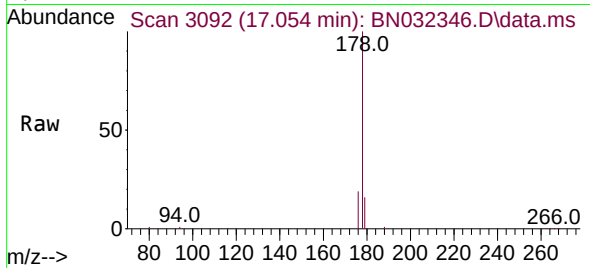
Tgt Ion:166 Resp: 5909
Ion Ratio Lower Upper
166 100
165 101.5 79.0 118.6
167 17.8 11.0 16.6#





#15
Phenanthrene
Concen: 1.026 ng/ul m
RT: 17.054 min Scan# 3093
Delta R.T. -0.013 min
Lab File: BN032346.D
Acq: 29 Jun 2024 11:41

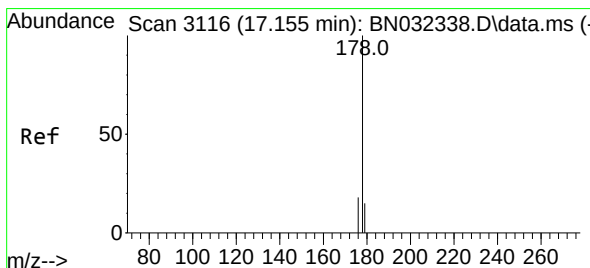
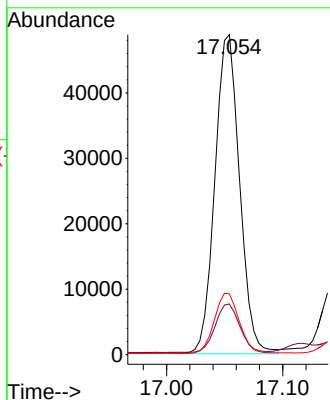
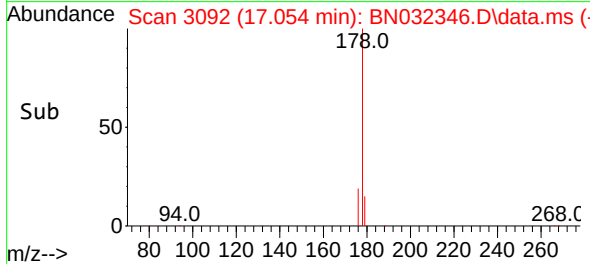
Instrument :
BNA_N
ClientSampleId :
A4B59



Tgt Ion:178 Resp: 71911
Ion Ratio Lower Upper
178 100
179 15.8 12.6 18.8
176 19.0 15.6 23.4

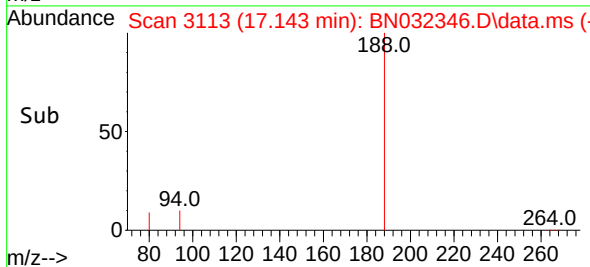
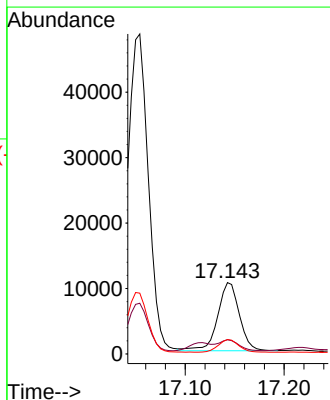
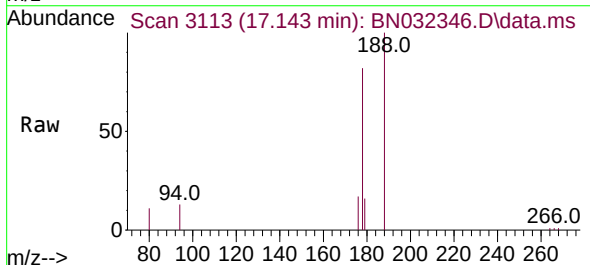
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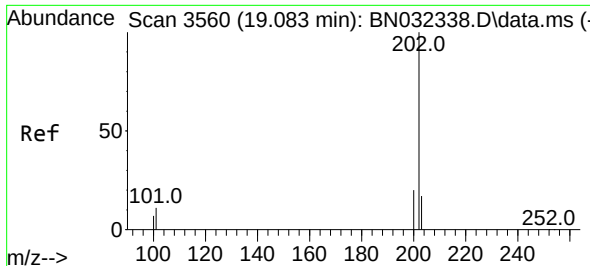
Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



#16
Anthracene
Concen: 0.254 ng/ul m
RT: 17.143 min Scan# 3113
Delta R.T. -0.017 min
Lab File: BN032346.D
Acq: 29 Jun 2024 11:41

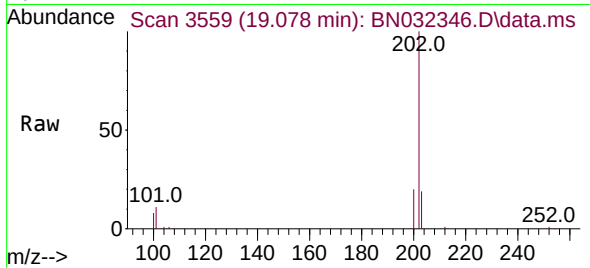
Tgt Ion:178 Resp: 15872
Ion Ratio Lower Upper
178 100
179 19.9 12.5 18.7#
176 20.2 15.0 22.6





#19
Fluoranthene
Concen: 1.151 ng/ul m
RT: 19.078 min Scan# 3559
Delta R.T. -0.014 min
Lab File: BN032346.D
Acq: 29 Jun 2024 11:41

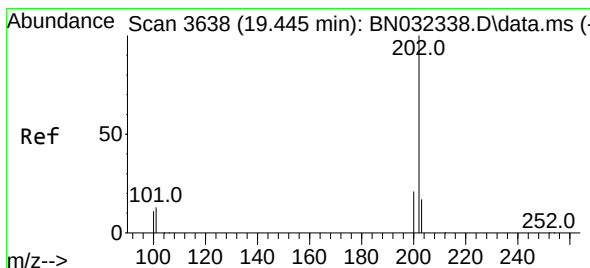
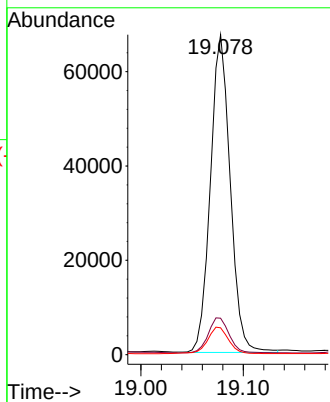
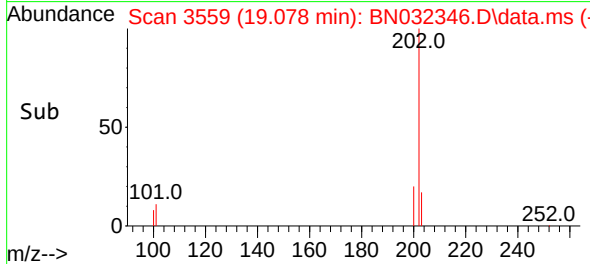
Instrument :
BNA_N
ClientSampleId :
A4B59



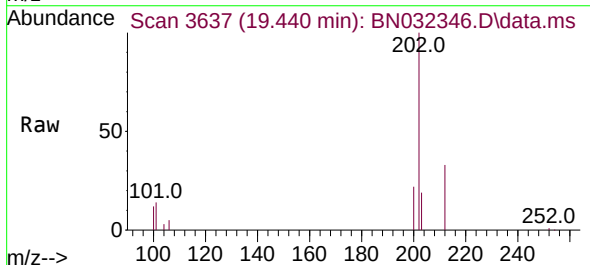
Tgt Ion:202 Resp: 90744
Ion Ratio Lower Upper
202 100
101 11.4 8.8 13.2
100 8.4 6.4 9.6

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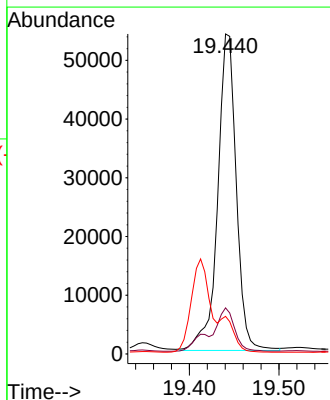
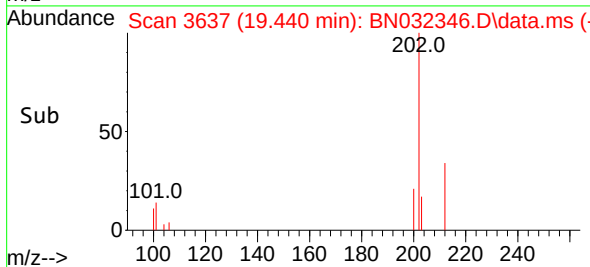
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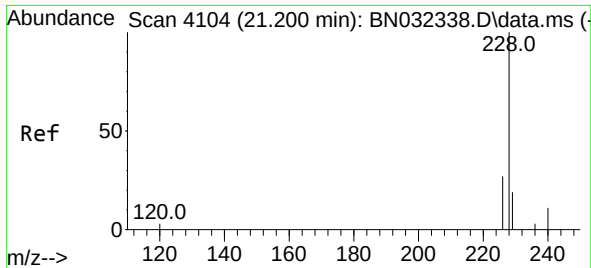


#20
Pyrene
Concen: 0.946 ng/ul m
RT: 19.440 min Scan# 3637
Delta R.T. -0.014 min
Lab File: BN032346.D
Acq: 29 Jun 2024 11:41



Tgt Ion:202 Resp: 77928
Ion Ratio Lower Upper
202 100
101 14.4 11.0 16.4
100 11.7 8.7 13.1





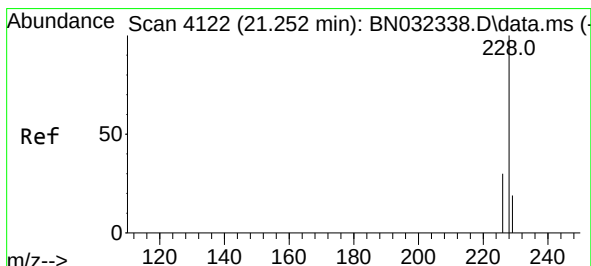
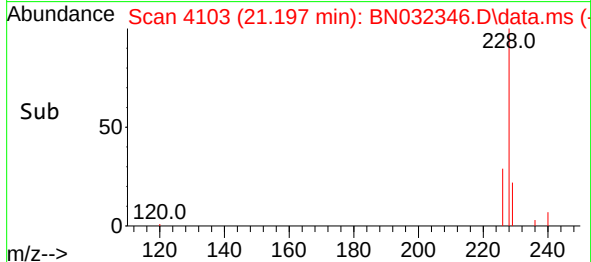
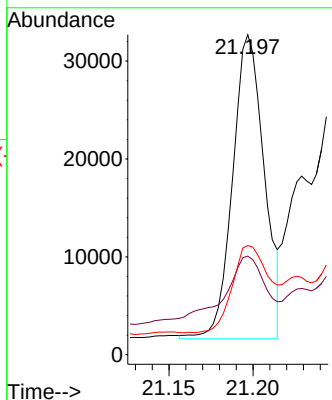
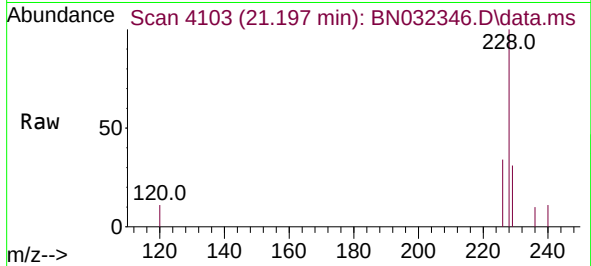
#21
Benzo(a)anthracene
Concen: 0.546 ng/ul m
RT: 21.197 min Scan# 4103
Delta R.T. -0.018 min
Lab File: BN032346.D
Acq: 29 Jun 2024 11:41

Instrument :
BNA_N
ClientSampleId :
A4B59

Tgt Ion:228 Resp: 40795
Ion Ratio Lower Upper
228 100
229 30.8 15.7 23.5#
226 34.1 21.8 32.8#

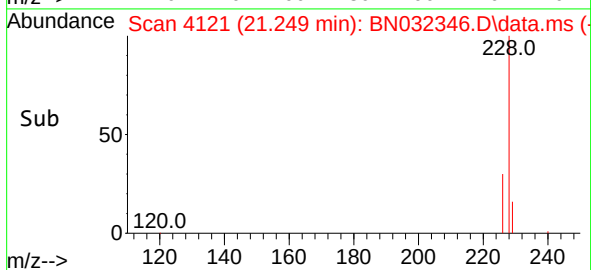
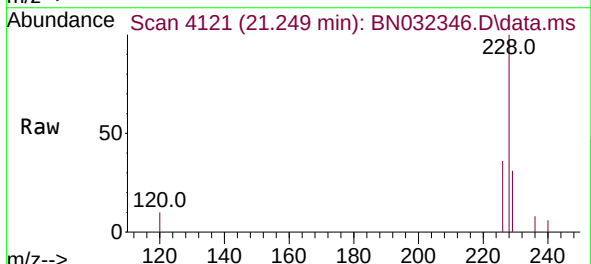
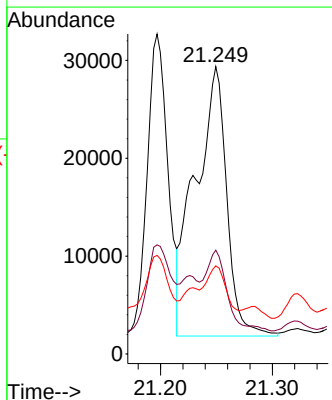
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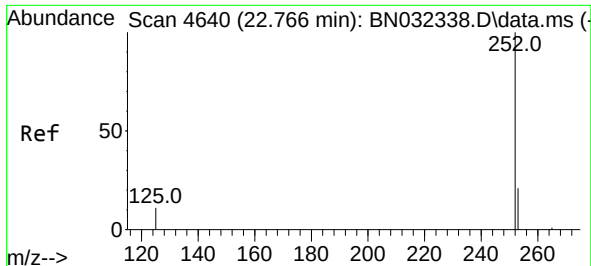
Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



#22
Chrysene
Concen: 0.658 ng/ul m
RT: 21.249 min Scan# 4121
Delta R.T. -0.018 min
Lab File: BN032346.D
Acq: 29 Jun 2024 11:41

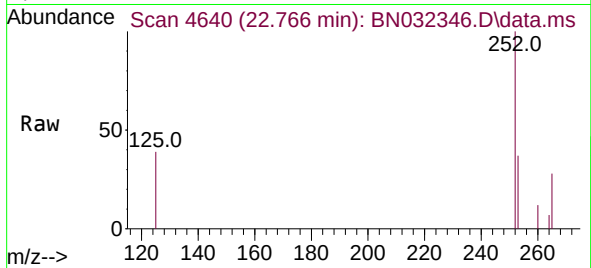
Tgt Ion:228 Resp: 53953
Ion Ratio Lower Upper
228 100
226 36.1 23.6 35.4#
229 30.7 15.7 23.5#





#24
Benzo(b)fluoranthene
Concen: 0.632 ng/ul m
RT: 22.766 min Scan# 4640
Delta R.T. -0.018 min
Lab File: BN032346.D
Acq: 29 Jun 2024 11:41

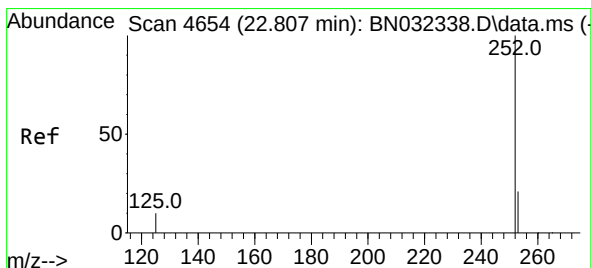
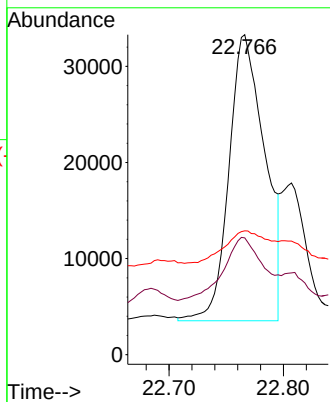
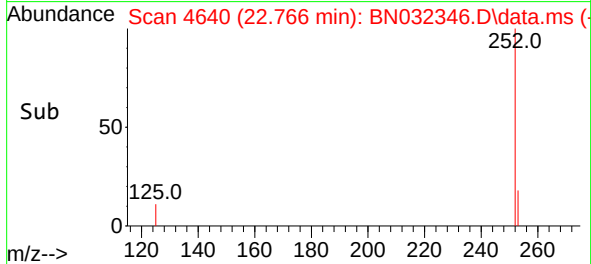
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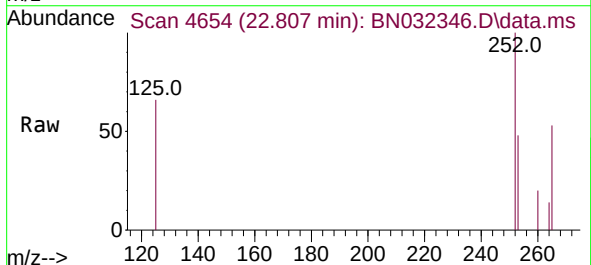
Tgt Ion:252 Resp: 64989
Ion Ratio Lower Upper
252 100
253 36.5 0.0 50.2
125 38.7 0.0 32.0

Manual Integrations
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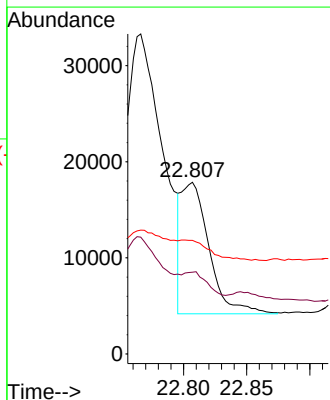
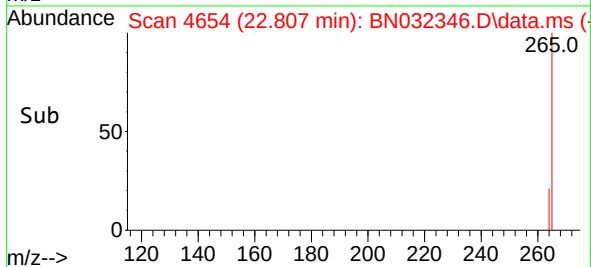
Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024

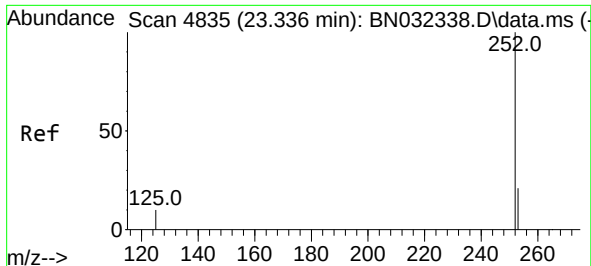


#25
Benzo(k)fluoranthene
Concen: 0.209 ng/ul m
RT: 22.807 min Scan# 4654
Delta R.T. -0.021 min
Lab File: BN032346.D
Acq: 29 Jun 2024 11:41



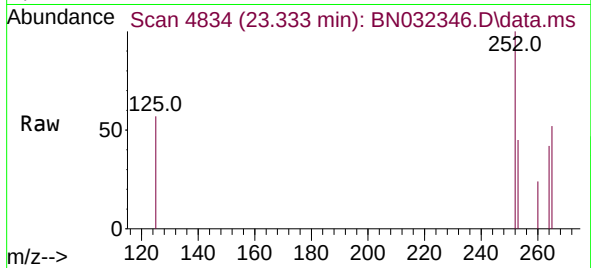
Tgt Ion:252 Resp: 20846
Ion Ratio Lower Upper
252 100
253 47.6 20.3 30.5#
125 66.2 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 0.473 ng/ul m
RT: 23.333 min Scan# 4834
Delta R.T. -0.026 min
Lab File: BN032346.D
Acq: 29 Jun 2024 11:41

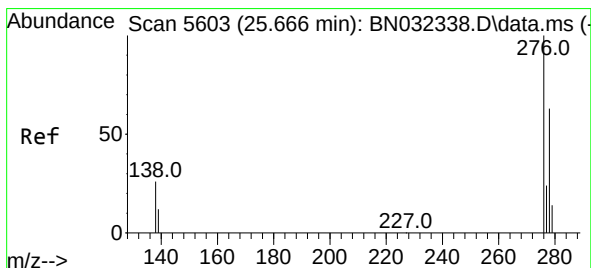
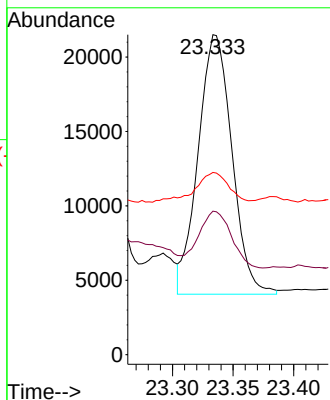
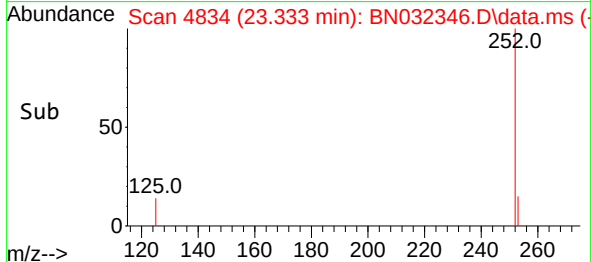
Instrument :
BNA_N
ClientSampleId :
A4B59



Tgt Ion:252 Resp: 33779
Ion Ratio Lower Upper
252 100
253 44.9 22.2 33.2
125 56.9 16.4 24.6

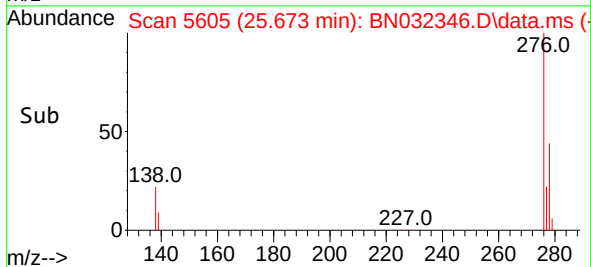
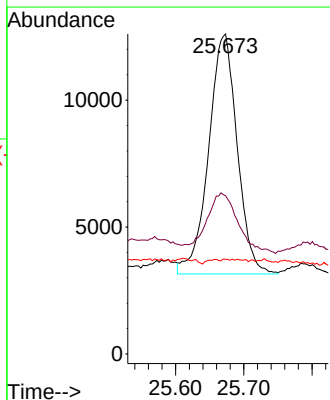
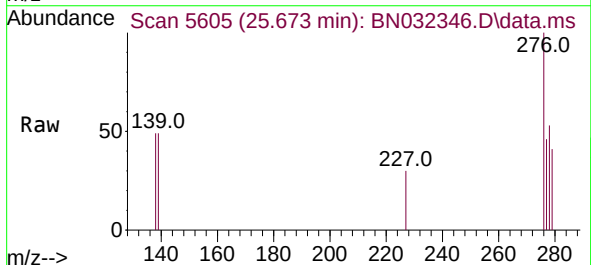
Manual Integrations
APPROVED

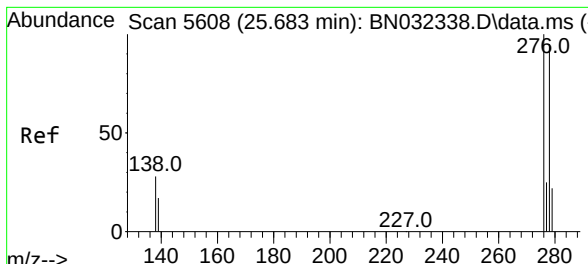
Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.246 ng/ul m
RT: 25.673 min Scan# 5605
Delta R.T. -0.027 min
Lab File: BN032346.D
Acq: 29 Jun 2024 11:41

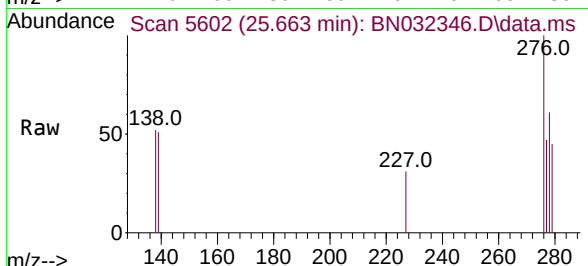
Tgt Ion:276 Resp: 27530
Ion Ratio Lower Upper
276 100
138 0.0 21.3 31.9#
227 0.0 0.1 0.1#





#28
 Dibenzo(a,h)anthracene
 Concen: 0.220 ng/ul m
 RT: 25.663 min Scan# 50
 Delta R.T. -0.047 min
 Lab File: BN032346.D
 Acq: 29 Jun 2024 11:41

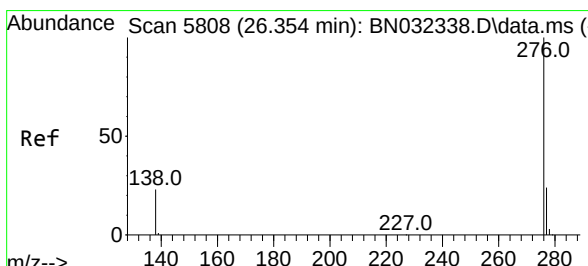
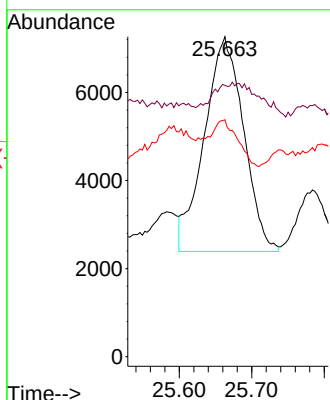
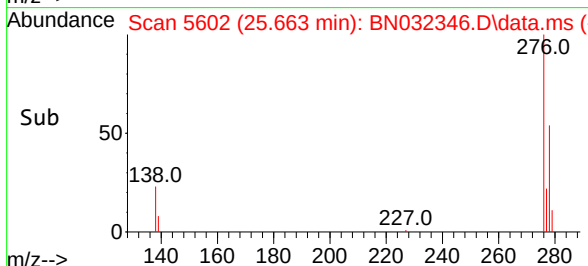
Instrument :
 BNA_N
 ClientSampleId :
 A4B59



Tgt Ion:278 Resp: 1831
 Ion Ratio Lower Upper
 278 100
 139 84.8 15.9 23.9#
 279 74.1 21.1 31.7#

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/01/2024
 Supervised By :mohammad ahmed 07/04/2024



#29
 Benzo(g,h,i)perylene
 Concen: 0.062 ng/ul m
 RT: 26.361 min Scan# 5810
 Delta R.T. -0.020 min
 Lab File: BN032346.D
 Acq: 29 Jun 2024 11:41

Tgt Ion:276 Resp: 5524
 Ion Ratio Lower Upper
 276 100
 138 85.1 19.8 29.6#
 277 79.9 19.8 29.6#

