

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032344.D
 Acq On : 29 Jun 2024 10:29
 Operator : MA/JU
 Sample : P2934-08
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CP4

Manual Integrations
 APPROVED

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

Quant Time: Jun 30 23:04:16 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	9606	0.400	ng/ul	0.00
4) Naphthalene-d8	10.387	136	29475	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.258	164	16193	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.012	188	27488m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.214	240	16825m	0.400	ng/ul	-0.01
23) Perylene-d12	23.433	264	24999m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	39555	3.705	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.982	152	11285	0.255	ng/ul	-0.02
18) Fluoranthene-d10	19.045	212	17796m	0.352	ng/ul	-0.01
Target Compounds					Qvalue	
5) Naphthalene	10.437	128	49059	0.629	ng/ul	99
7) 2-Methylnaphthalene	12.059	142	16623	0.322	ng/ul	99
8) 1-Methylnaphthalene	12.279	142	14409	0.269	ng/ul	99
10) Acenaphthylene	13.975	152	67284	0.999	ng/ul	99
11) Acenaphthene	14.318	153	74304	1.422	ng/ul	98
12) Fluorene	15.312	166	81925	1.315	ng/ul	98
15) Phenanthrene	17.054	178	1551020m	20.581	ng/ul	
16) Anthracene	17.143	178	299958m	4.462	ng/ul	
19) Fluoranthene	19.078	202	2918119m	45.547	ng/ul	
20) Pyrene	19.445	202	2082116m	31.098	ng/ul	
21) Benzo(a)anthracene	21.197	228	1295236m	21.329	ng/ul	
22) Chrysene	21.249	228	1489823m	22.352	ng/ul	
24) Benzo(b)fluoranthene	22.769	252	2101314m	19.347	ng/ul	
25) Benzo(k)fluoranthene	22.807	252	732653m	6.943	ng/ul	
26) Benzo(a)pyrene	23.336	252	802509m	10.620	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.666	276	810972m	6.854	ng/ul	
28) Dibenzo(a,h)anthracene	25.670	278	275058m	3.129	ng/ul	
29) Benzo(g,h,i)perylene	26.354	276	124422m	1.320	ng/ul	

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

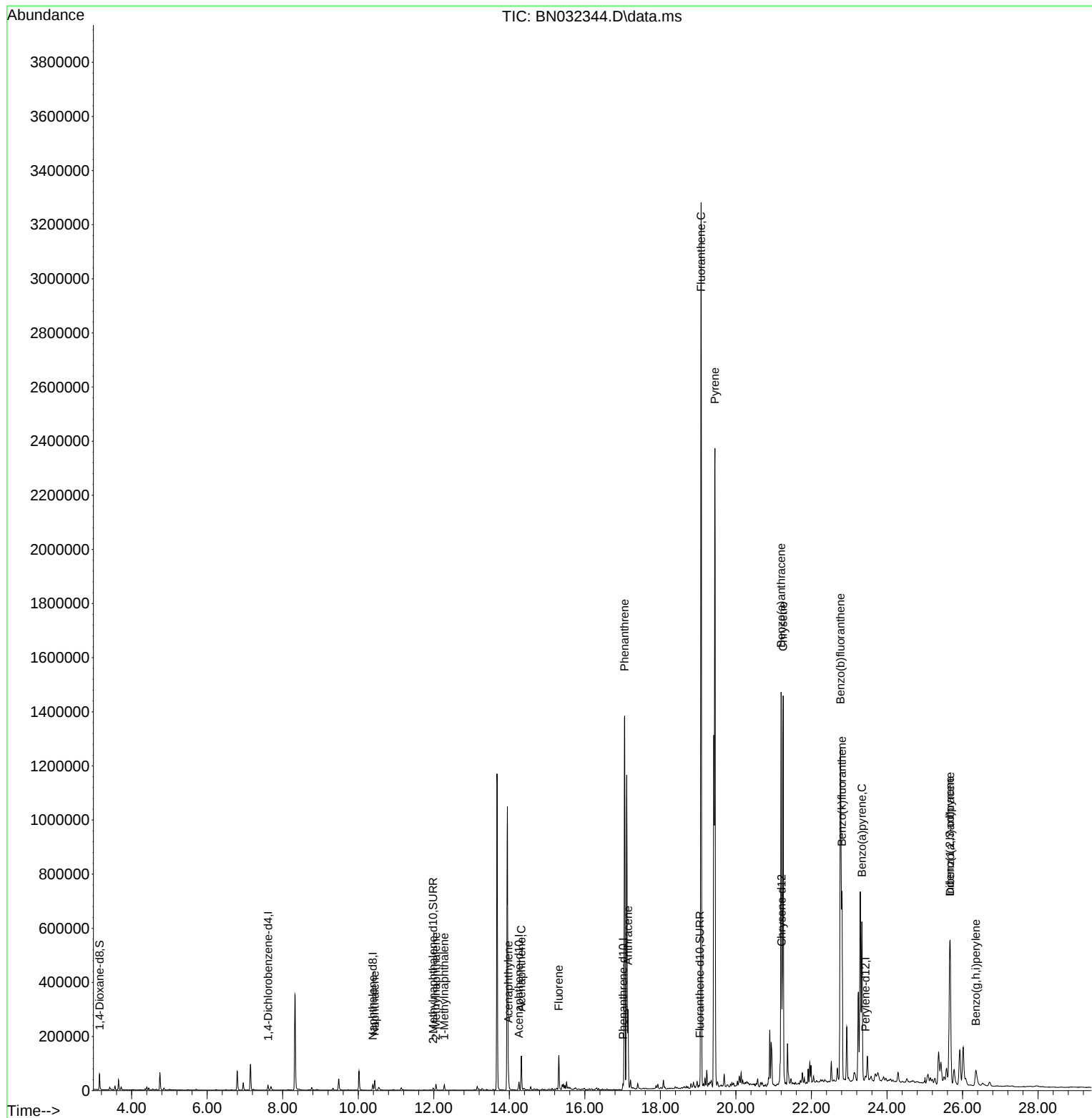
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032344.D
Acq On : 29 Jun 2024 10:29
Operator : MA/JU
Sample : P2934-08
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ALS Vial : 42 Sample Multiplier: 1

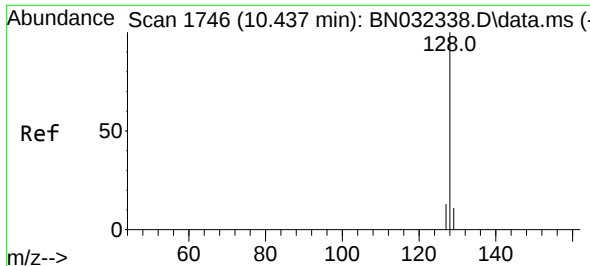
Instrument :
BNA_N
ClientSampleId :
A4CP4

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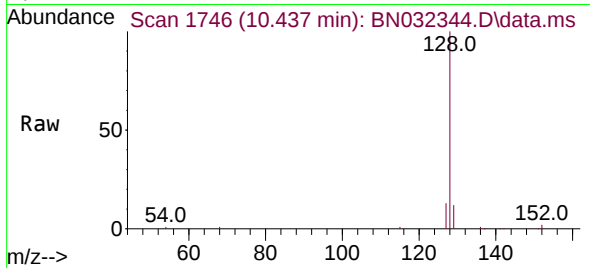
Quant Time: Jun 30 23:04:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.629 ng/ul
RT: 10.437 min Scan# 1746
Delta R.T. -0.011 min
Lab File: BN032344.D
Acq: 29 Jun 2024 10:29

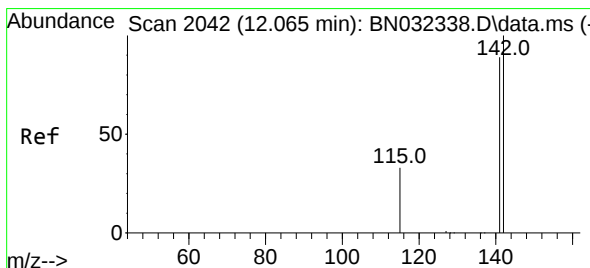
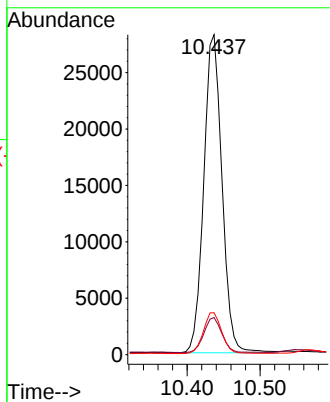
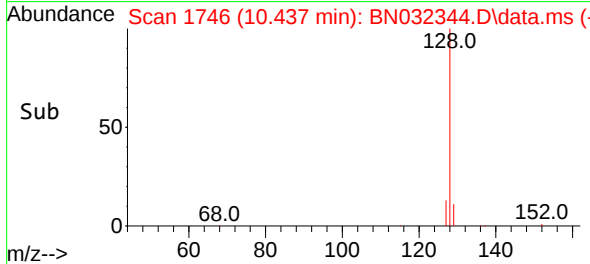
Instrument :
BNA_N
ClientSampleId :
A4CP4



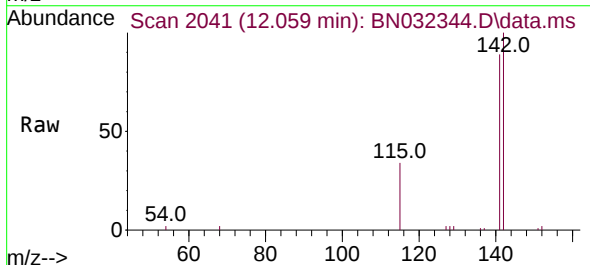
Tgt Ion:128 Resp: 49059
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.1 10.8 16.2

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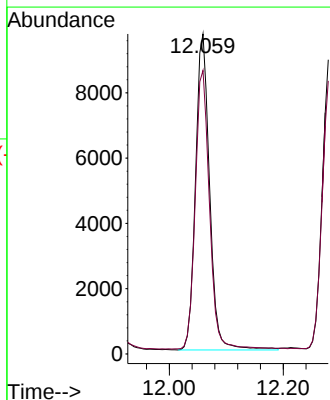
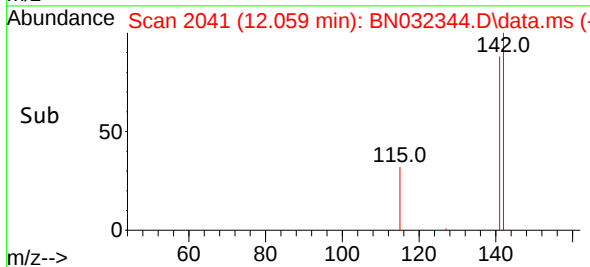
Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024

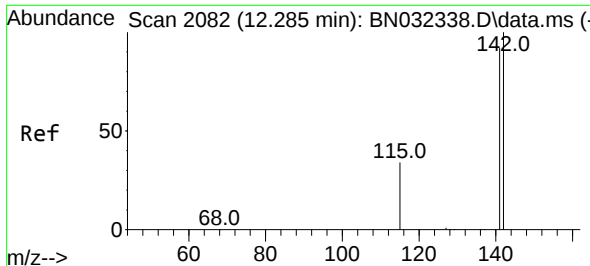


#7
2-Methylnaphthalene
Concen: 0.322 ng/ul
RT: 12.059 min Scan# 2041
Delta R.T. -0.017 min
Lab File: BN032344.D
Acq: 29 Jun 2024 10:29



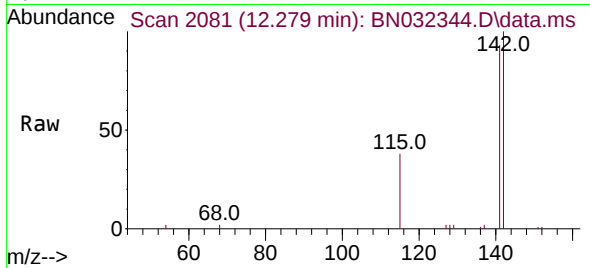
Tgt Ion:142 Resp: 16623
Ion Ratio Lower Upper
142 100
141 88.8 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.269 ng/ul
RT: 12.279 min Scan# 2081
Delta R.T. -0.017 min
Lab File: BN032344.D
Acq: 29 Jun 2024 10:29

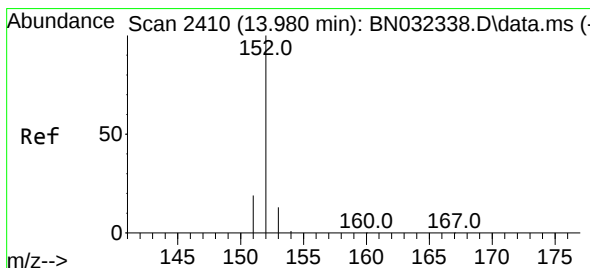
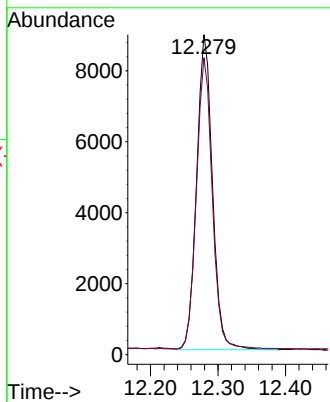
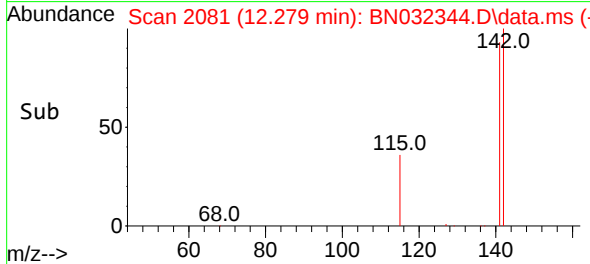
Instrument :
BNA_N
ClientSampleId :
A4CP4



Tgt Ion:142 Resp: 14409
Ion Ratio Lower Upper
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141 92.8 73.4 110.0

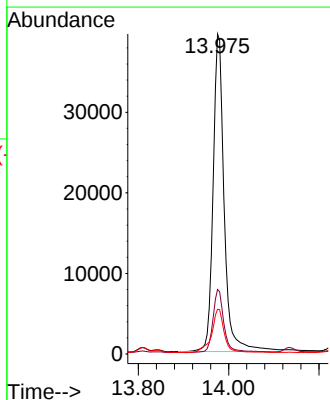
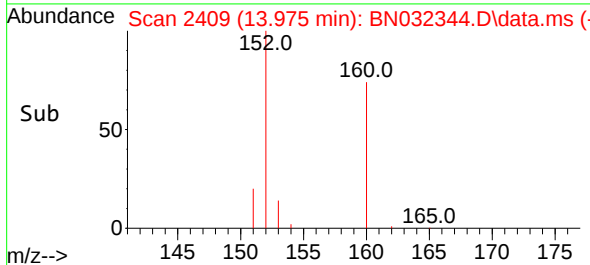
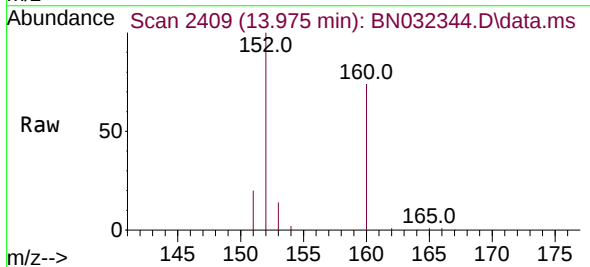
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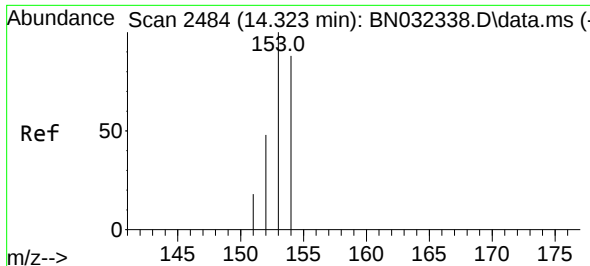
Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



#10
Acenaphthylene
Concen: 0.999 ng/ul
RT: 13.975 min Scan# 2409
Delta R.T. -0.014 min
Lab File: BN032344.D
Acq: 29 Jun 2024 10:29

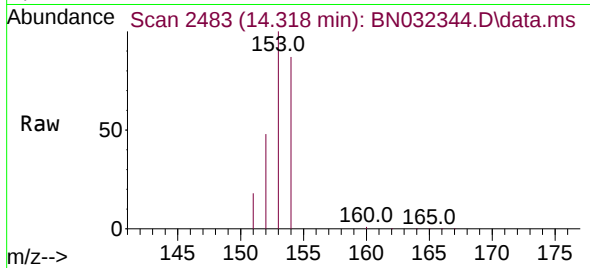
Tgt Ion:152 Resp: 67284
Ion Ratio Lower Upper
152 100
151 20.2 15.7 23.5
153 14.0 10.9 16.3





#11
Acenaphthene
Concen: 1.422 ng/ul
RT: 14.318 min Scan# 2483
Delta R.T. -0.014 min
Lab File: BN032344.D
Acq: 29 Jun 2024 10:29

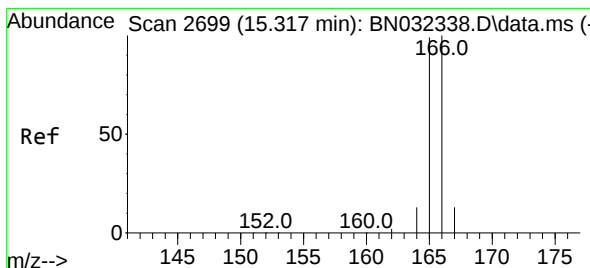
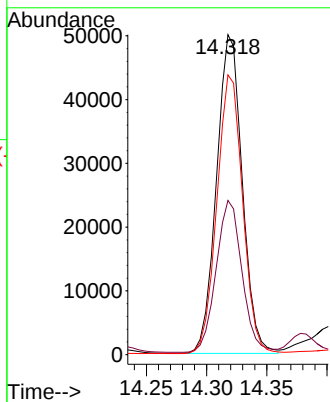
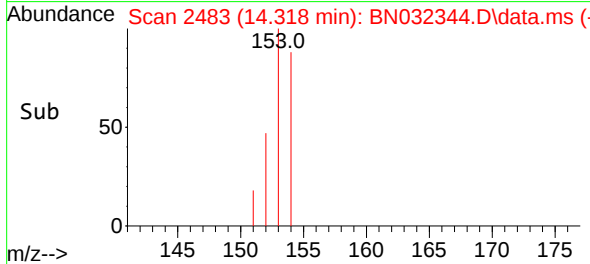
Instrument :
BNA_N
ClientSampleId :
A4CP4



Tgt Ion:153 Resp: 74304
Ion Ratio Lower Upper
153 100
152 48.2 39.5 59.3
154 87.5 71.7 107.5

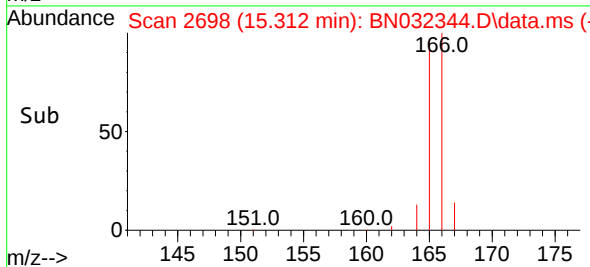
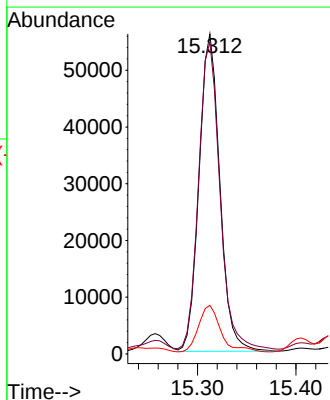
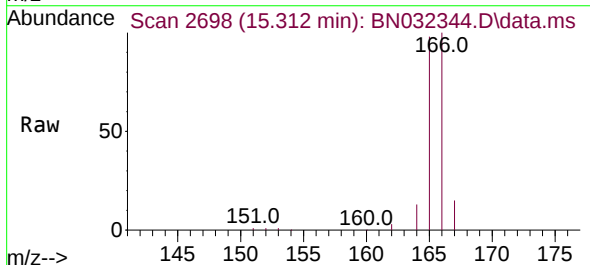
Manual Integrations
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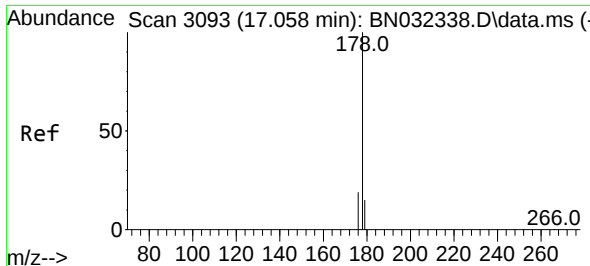
Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



#12
Fluorene
Concen: 1.315 ng/ul
RT: 15.312 min Scan# 2698
Delta R.T. -0.014 min
Lab File: BN032344.D
Acq: 29 Jun 2024 10:29

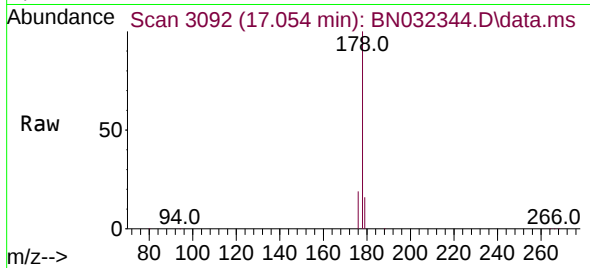
Tgt Ion:166 Resp: 81925
Ion Ratio Lower Upper
166 100
165 97.5 79.0 118.6
167 15.2 11.0 16.6





#15
Phenanthrene
Concen: 20.581 ng/ul m
RT: 17.054 min Scan# 3093
Delta R.T. -0.013 min
Lab File: BN032344.D
Acq: 29 Jun 2024 10:29

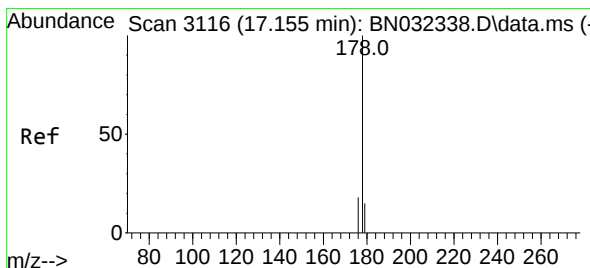
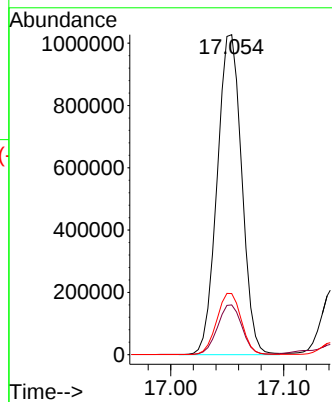
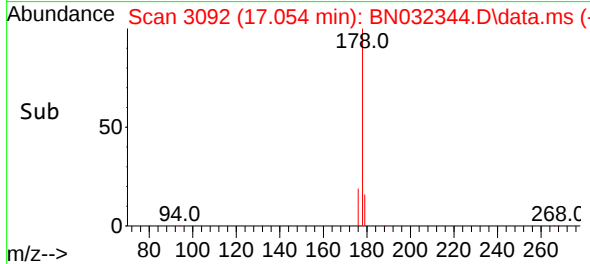
Instrument :
BNA_N
ClientSampleId :
A4CP4



Tgt Ion:178 Resp: 1551020
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 19.1 15.6 23.4

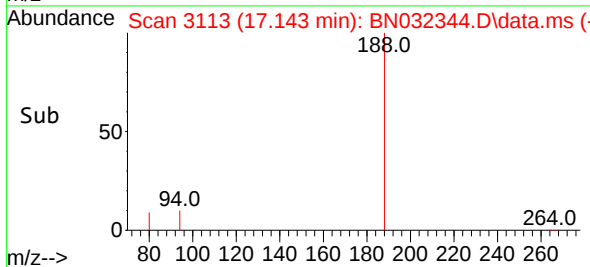
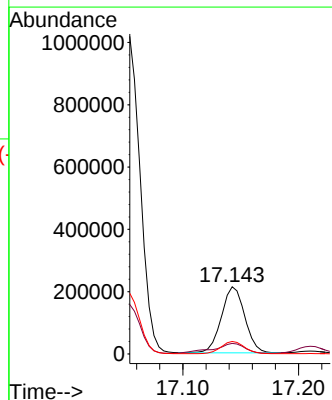
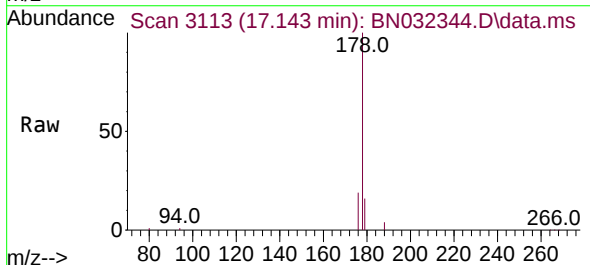
Manual Integrations
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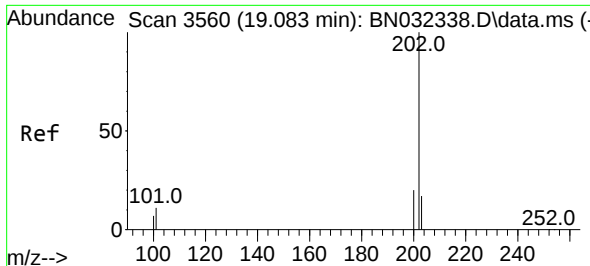
Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



#16
Anthracene
Concen: 4.462 ng/ul m
RT: 17.143 min Scan# 3113
Delta R.T. -0.017 min
Lab File: BN032344.D
Acq: 29 Jun 2024 10:29

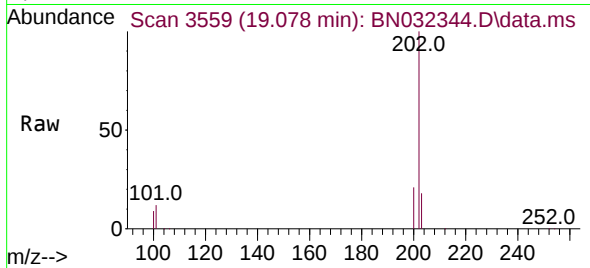
Tgt Ion:178 Resp: 299958
Ion Ratio Lower Upper
178 100
179 15.8 12.5 18.7
176 18.6 15.0 22.6





#19
Fluoranthene
Concen: 45.547 ng/ul m
RT: 19.078 min Scan# 3559
Delta R.T. -0.014 min
Lab File: BN032344.D
Acq: 29 Jun 2024 10:29

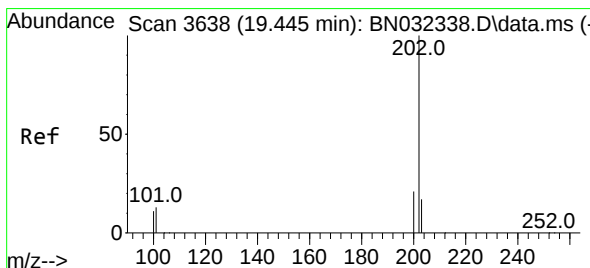
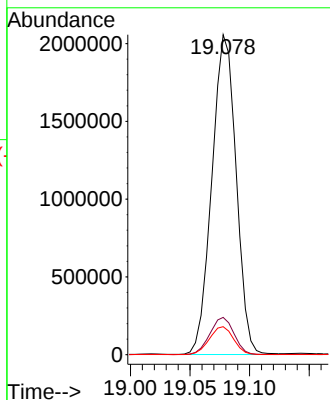
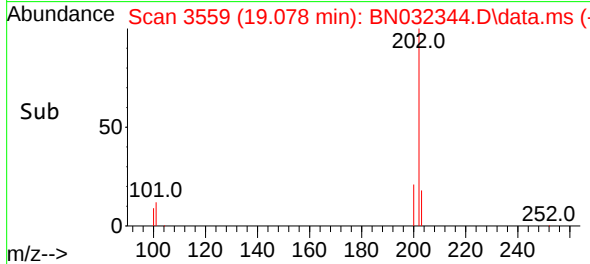
Instrument :
BNA_N
ClientSampleId :
A4CP4



Tgt Ion:202 Resp: 2918119
Ion Ratio Lower Upper
202 100
101 11.7 8.8 13.2
100 8.8 6.4 9.6

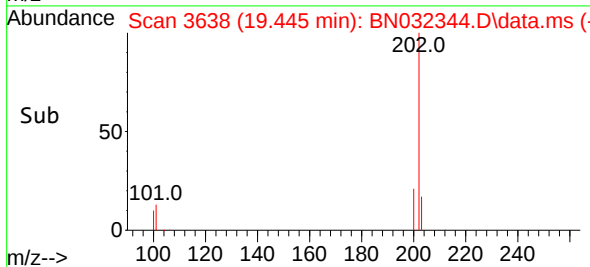
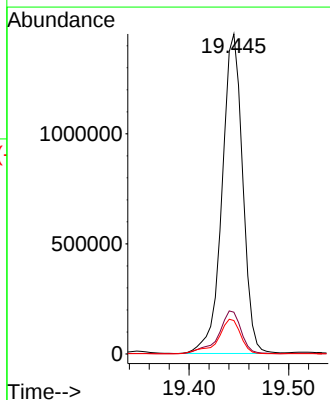
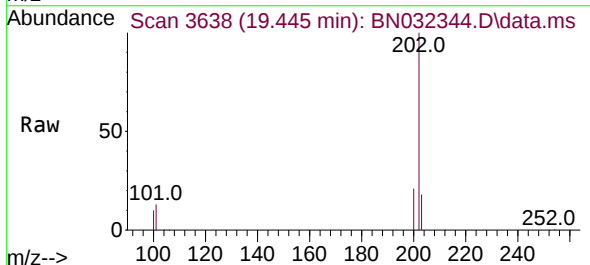
Manual Integrations
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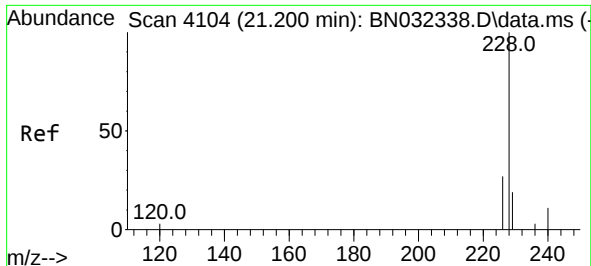
Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



#20
Pyrene
Concen: 31.098 ng/ul m
RT: 19.445 min Scan# 3638
Delta R.T. -0.009 min
Lab File: BN032344.D
Acq: 29 Jun 2024 10:29

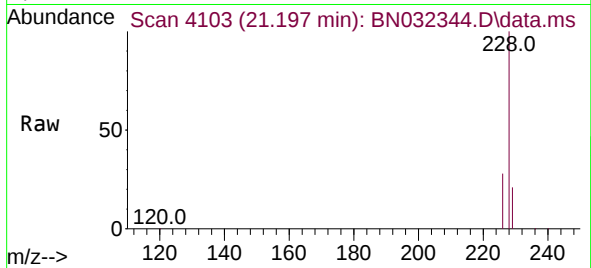
Tgt Ion:202 Resp: 2082116
Ion Ratio Lower Upper
202 100
101 13.0 11.0 16.4
100 10.5 8.7 13.1





#21
Benzo(a)anthracene
Concen: 21.329 ng/ul m
RT: 21.197 min Scan# 4103
Delta R.T. -0.018 min
Lab File: BN032344.D
Acq: 29 Jun 2024 10:29

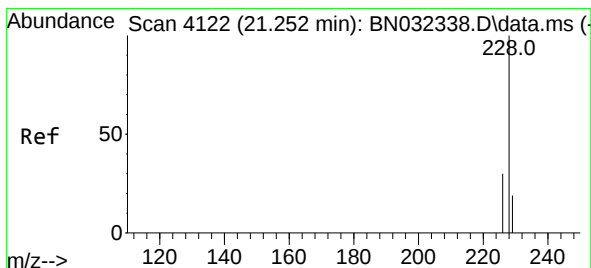
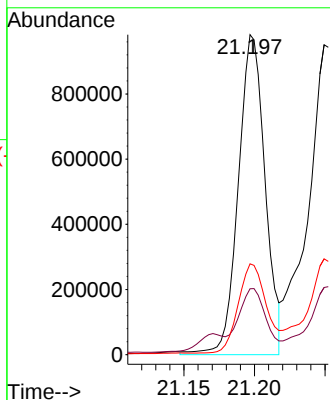
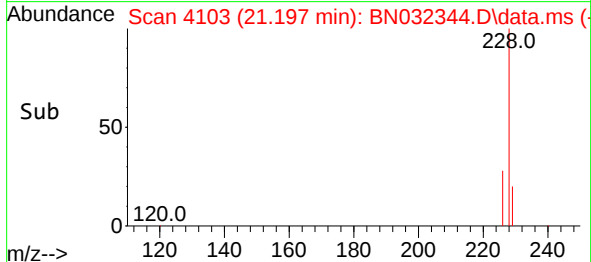
Instrument :
BNA_N
ClientSampleId :
A4CP4



Tgt Ion:228 Resp: 1295230
Ion Ratio Lower Upper
228 100
229 20.6 15.7 23.5
226 28.4 21.8 32.8

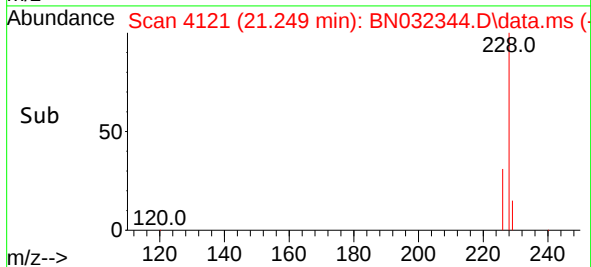
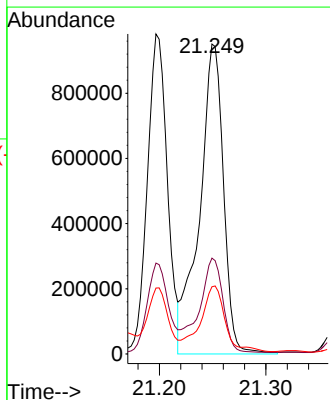
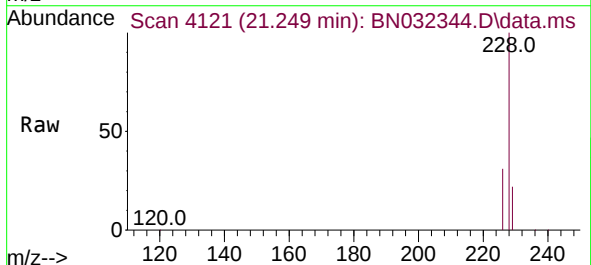
Manual Integrations
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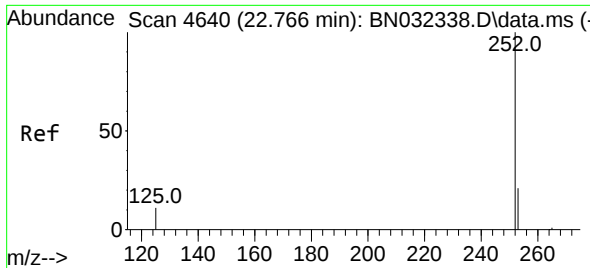
Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



#22
Chrysene
Concen: 22.352 ng/ul m
RT: 21.249 min Scan# 4121
Delta R.T. -0.018 min
Lab File: BN032344.D
Acq: 29 Jun 2024 10:29

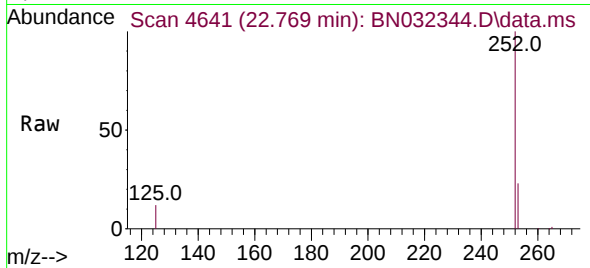
Tgt Ion:228 Resp: 1489823
Ion Ratio Lower Upper
228 100
226 30.9 23.6 35.4
229 21.7 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 19.347 ng/ul m
RT: 22.769 min Scan# 4640
Delta R.T. -0.015 min
Lab File: BN032344.D
Acq: 29 Jun 2024 10:29

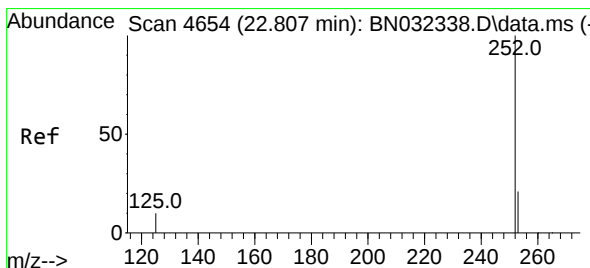
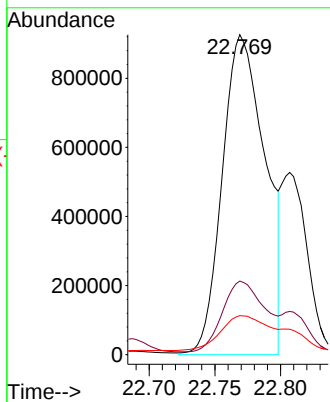
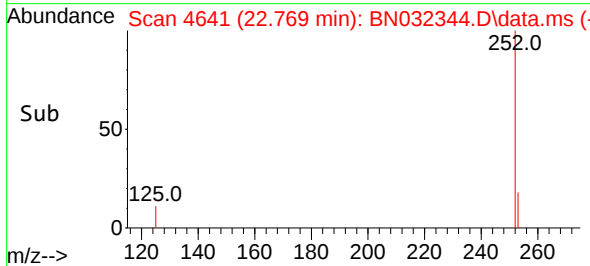
Instrument :
BNA_N
ClientSampleId :
A4CP4



Tgt Ion:252 Resp: 2101314
Ion Ratio Lower Upper
252 100
253 23.0 0.0 50.2
125 12.2 0.0 32.0

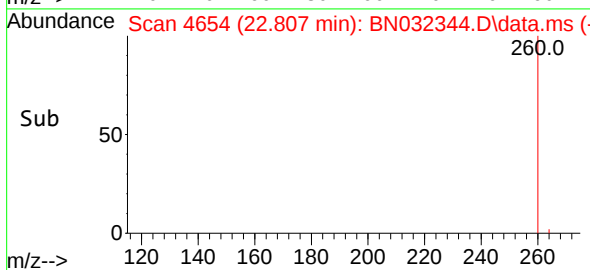
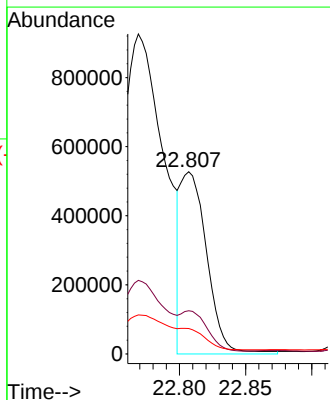
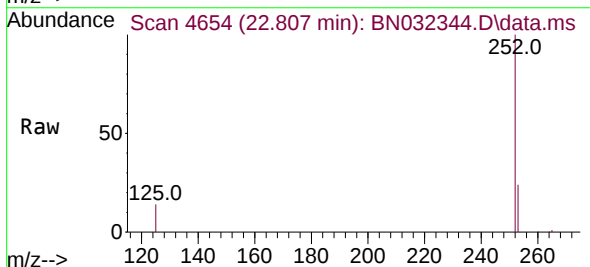
Manual Integrations
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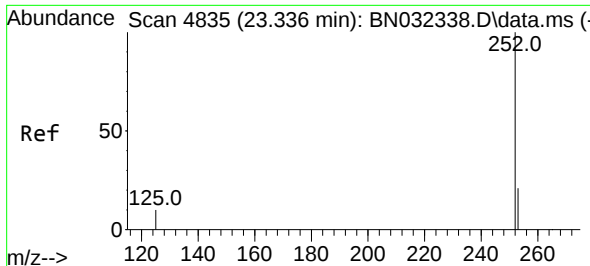
Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



#25
Benzo(k)fluoranthene
Concen: 6.943 ng/ul m
RT: 22.807 min Scan# 4654
Delta R.T. -0.021 min
Lab File: BN032344.D
Acq: 29 Jun 2024 10:29

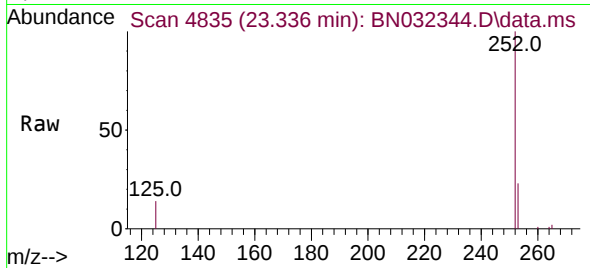
Tgt Ion:252 Resp: 732653
Ion Ratio Lower Upper
252 100
253 23.7 20.3 30.5
125 13.9 12.8 19.2





#26
Benzo(a)pyrene
Concen: 10.620 ng/ul m
RT: 23.336 min Scan# 4835
Delta R.T. -0.024 min
Lab File: BN032344.D
Acq: 29 Jun 2024 10:29

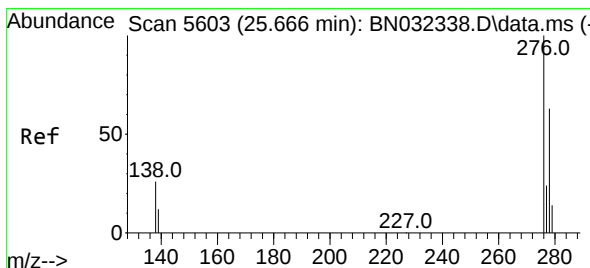
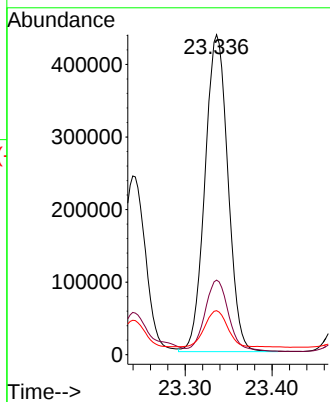
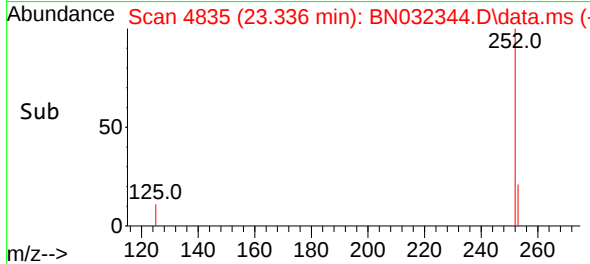
Instrument :
BNA_N
ClientSampleId :
A4CP4



Tgt Ion:252 Resp: 802509
Ion Ratio Lower Upper
252 100
253 23.3 22.2 33.2
125 13.8 16.4 24.6

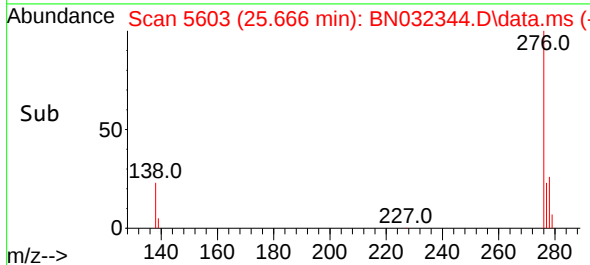
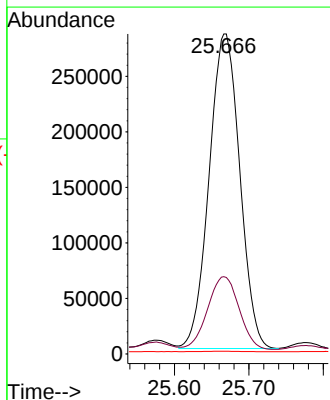
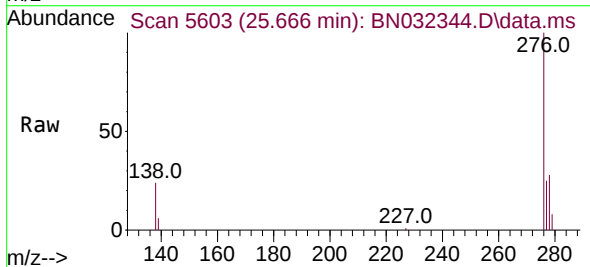
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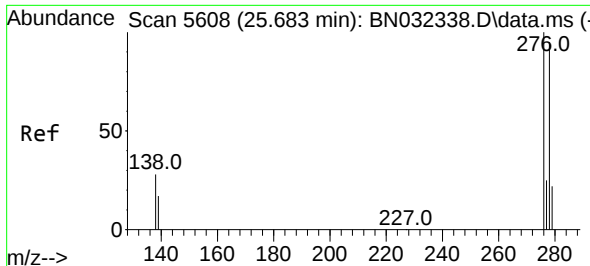
Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 6.854 ng/ul m
RT: 25.666 min Scan# 5603
Delta R.T. -0.034 min
Lab File: BN032344.D
Acq: 29 Jun 2024 10:29

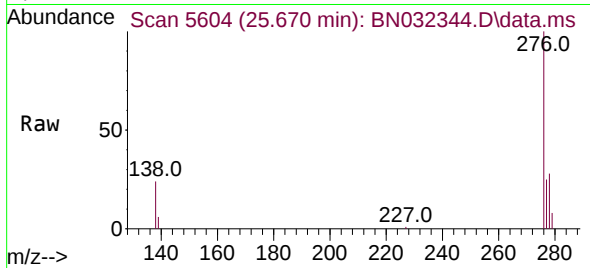
Tgt Ion:276 Resp: 810972
Ion Ratio Lower Upper
276 100
138 3.5 21.3 31.9#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 3.129 ng/ul m
RT: 25.670 min Scan# 5604
Delta R.T. -0.040 min
Lab File: BN032344.D
Acq: 29 Jun 2024 10:29

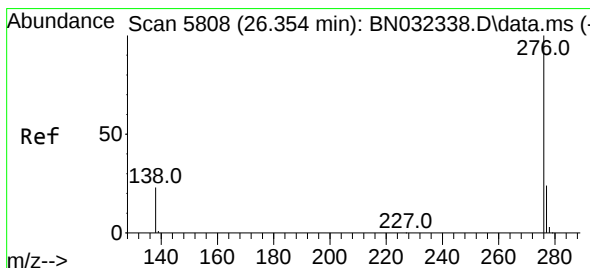
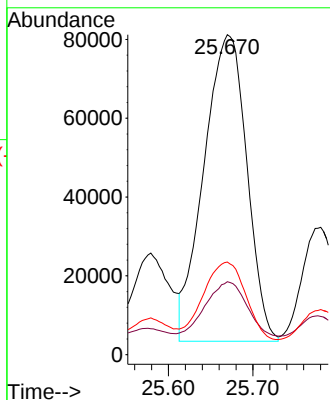
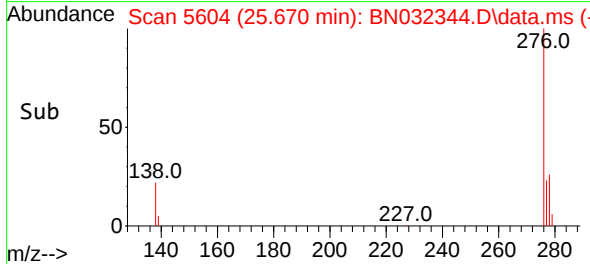
Instrument :
BNA_N
ClientSampleId :
A4CP4



Tgt Ion:278 Resp: 275058
Ion Ratio Lower Upper
278 100
139 22.8 15.9 23.9
279 28.9 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: 1.320 ng/ul m
RT: 26.354 min Scan# 5808
Delta R.T. -0.027 min
Lab File: BN032344.D
Acq: 29 Jun 2024 10:29

Tgt Ion:276 Resp: 124422
Ion Ratio Lower Upper
276 100
138 30.2 19.8 29.6#
277 29.7 19.8 29.6#

