

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032349.D
 Acq On : 29 Jun 2024 13:29
 Operator : MA/JU
 Sample : P2934-09
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CP5

Manual Integrations
 APPROVED

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

Quant Time: Jun 30 23:05:05 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	8624	0.400	ng/ul	0.00
4) Naphthalene-d8	10.387	136	27466	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.258	164	16205	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.012	188	29082m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.217	240	17932m	0.400	ng/ul	0.00
23) Perylene-d12	23.438	264	20544m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.147	96	30535	3.185	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.987	152	9275	0.225	ng/ul	-0.01
18) Fluoranthene-d10	19.050	212	15164m	0.281	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.437	128	12487	0.172	ng/ul	97
7) 2-Methylnaphthalene	12.059	142	4469	0.093	ng/ul	97
8) 1-Methylnaphthalene	12.284	142	3620	0.072	ng/ul	99
10) Acenaphthylene	13.975	152	20399	0.303	ng/ul	97
11) Acenaphthene	14.322	153	15511	0.297	ng/ul	99
12) Fluorene	15.312	166	17453	0.280	ng/ul	99
15) Phenanthrene	17.054	178	335384m	4.206	ng/ul	
16) Anthracene	17.147	178	59709m	0.840	ng/ul	
19) Fluoranthene	19.082	202	615924m	9.020	ng/ul	
20) Pyrene	19.445	202	439111m	6.154	ng/ul	
21) Benzo(a)anthracene	21.200	228	262487m	4.056	ng/ul	
22) Chrysene	21.252	228	292417m	4.116	ng/ul	
24) Benzo(b)fluoranthene	22.769	252	391823m	4.390	ng/ul	
25) Benzo(k)fluoranthene	22.807	252	156111m	1.800	ng/ul	
26) Benzo(a)pyrene	23.339	252	152691m	2.459	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.669	276	144510m	1.486	ng/ul	
28) Dibenzo(a,h)anthracene	25.673	278	50472m	0.699	ng/ul	
29) Benzo(g,h,i)perylene	26.357	276	22712m	0.293	ng/ul	

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

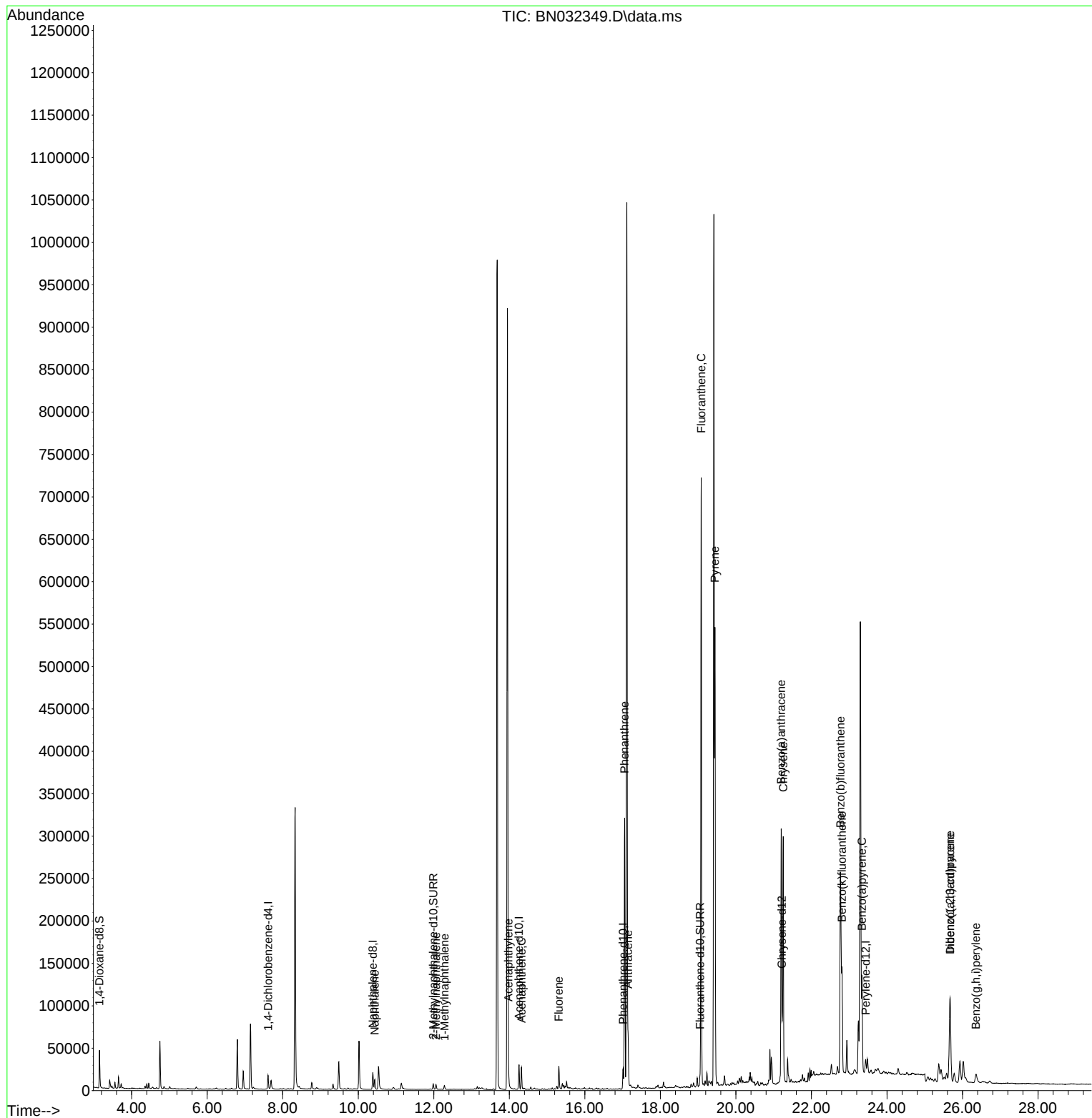
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032349.D
Acq On : 29 Jun 2024 13:29
Operator : MA/JU
Sample : P2934-09
Misc :
ALS Vial : 47 Sample Multiplier: 1

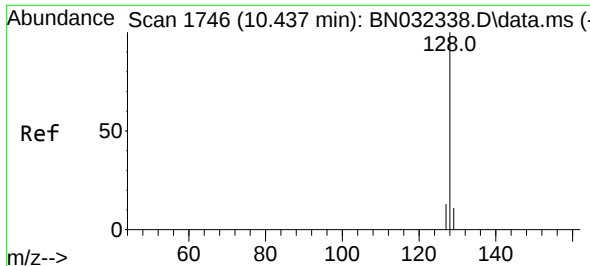
Instrument :
BNA_N
ClientSampleId :
A4CP5

Manual Integrations
APPROVED

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

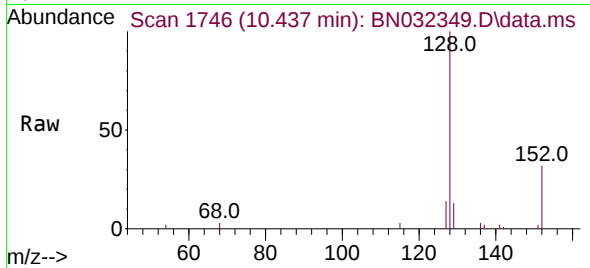
Quant Time: Jun 30 23:05:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.172 ng/ul
RT: 10.437 min Scan# 1746
Delta R.T. -0.011 min
Lab File: BN032349.D
Acq: 29 Jun 2024 13:29

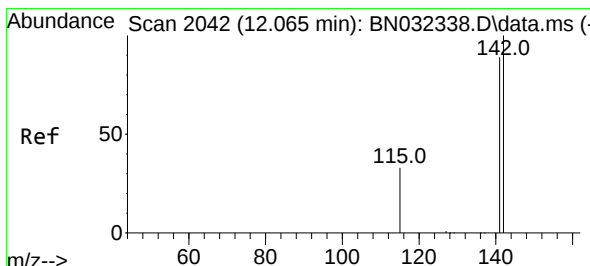
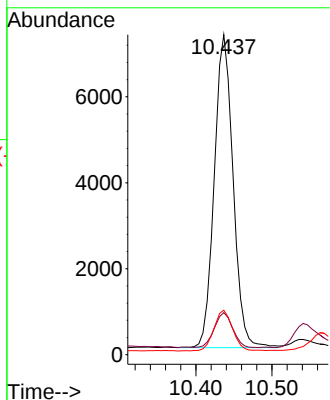
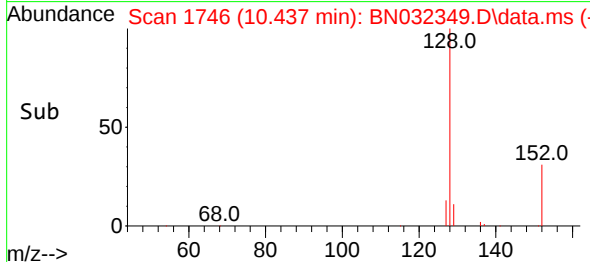
Instrument :
BNA_N
ClientSampleId :
A4CP5



Tgt Ion:128 Resp: 1248
Ion Ratio Lower Upper
128 100
129 13.1 9.2 13.8
127 13.9 10.8 16.2

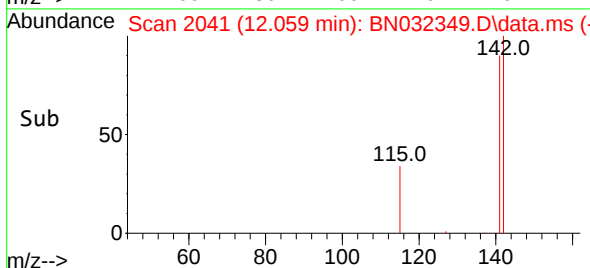
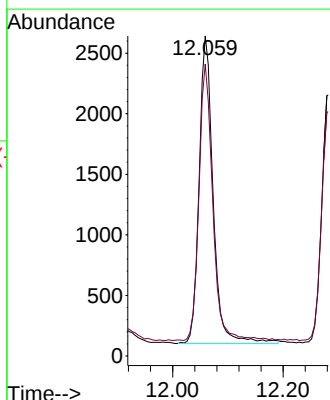
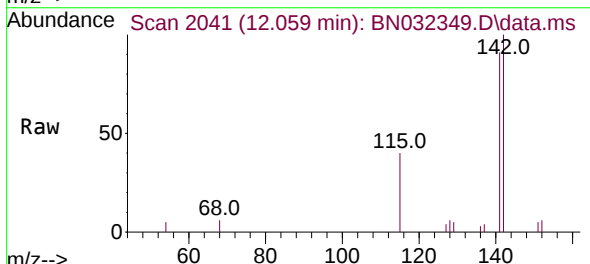
Manual Integrations
APPROVED

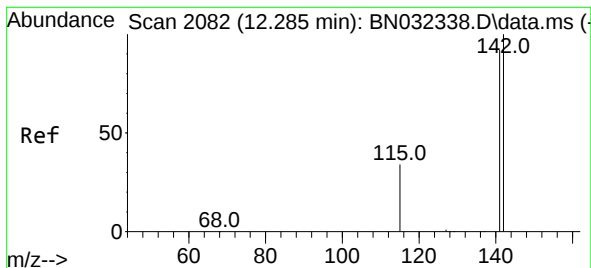
Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



#7
2-Methylnaphthalene
Concen: 0.093 ng/ul
RT: 12.059 min Scan# 2041
Delta R.T. -0.017 min
Lab File: BN032349.D
Acq: 29 Jun 2024 13:29

Tgt Ion:142 Resp: 4469
Ion Ratio Lower Upper
142 100
141 87.8 72.2 108.2





#8

1-Methylnaphthalene

Concen: 0.072 ng/ul

RT: 12.284 min Scan# 2082

Delta R.T. -0.011 min

Lab File: BN032349.D

Acq: 29 Jun 2024 13:29

Instrument :

BNA_N

ClientSampleId :

A4CP5

Tgt Ion:142 Resp: 3620

Ion Ratio Lower Upper

142 100

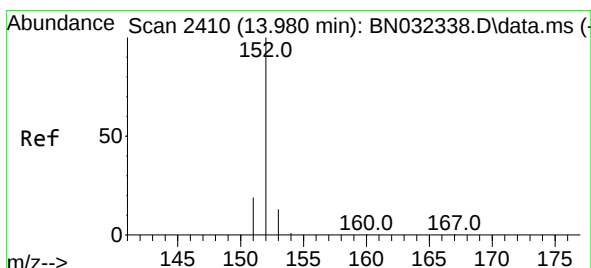
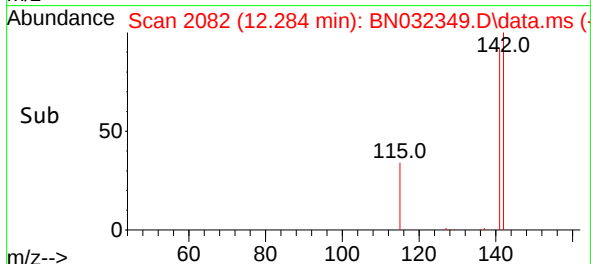
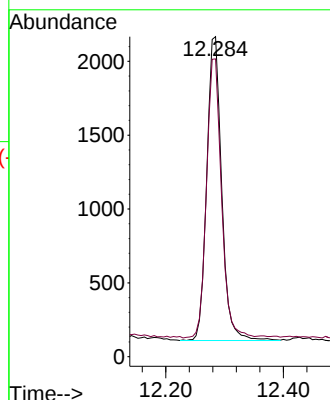
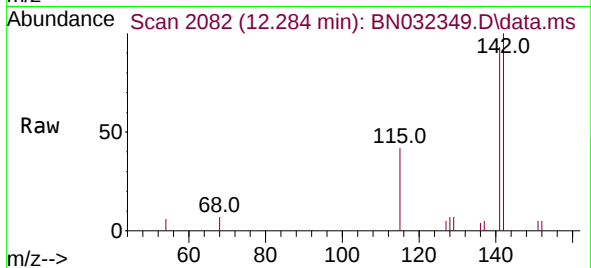
141 93.0 73.4 110.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/01/2024

Supervised By :mohammad ahmed 07/04/2024



#10

Acenaphthylene

Concen: 0.303 ng/ul

RT: 13.975 min Scan# 2409

Delta R.T. -0.014 min

Lab File: BN032349.D

Acq: 29 Jun 2024 13:29

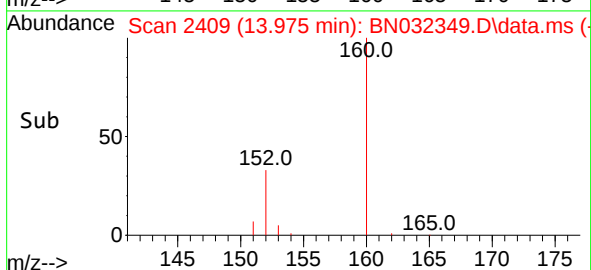
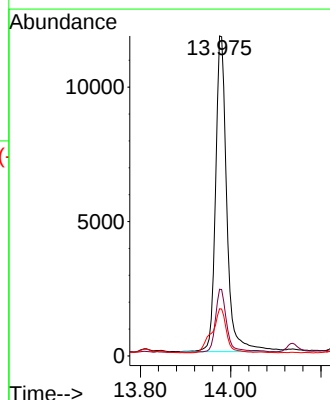
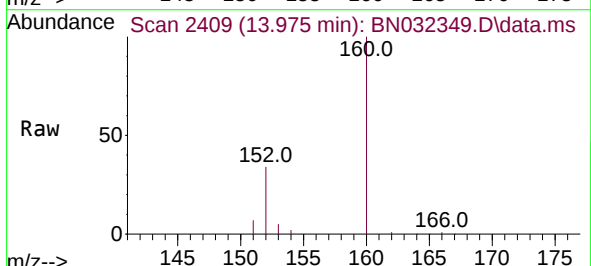
Tgt Ion:152 Resp: 20399

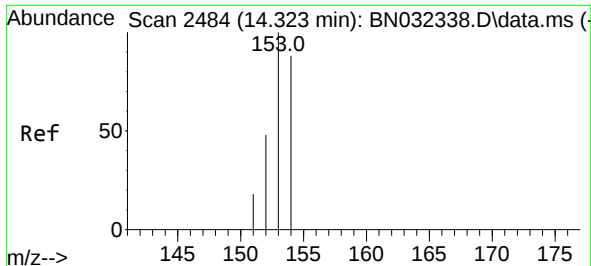
Ion Ratio Lower Upper

152 100

151 20.9 15.7 23.5

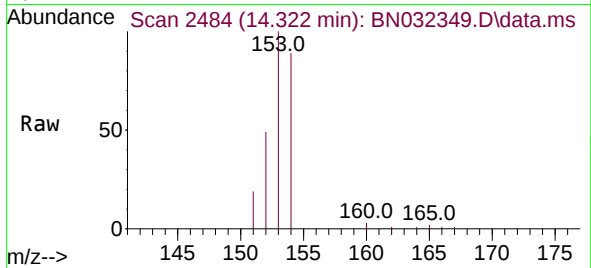
153 14.8 10.9 16.3





#11
Acenaphthene
Concen: 0.297 ng/ul
RT: 14.322 min Scan# 2484
Delta R.T. -0.010 min
Lab File: BN032349.D
Acq: 29 Jun 2024 13:29

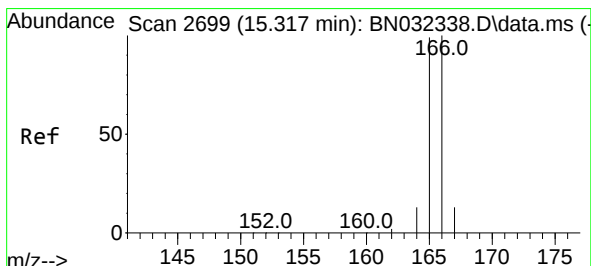
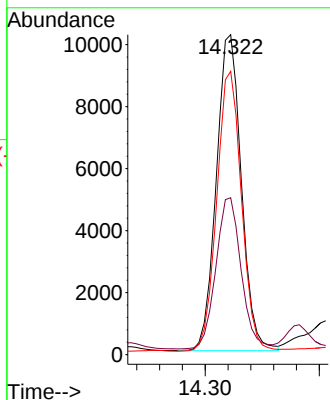
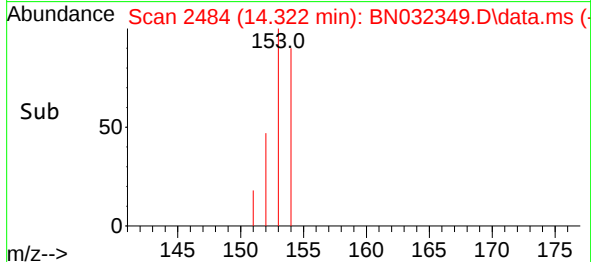
Instrument :
BNA_N
ClientSampleId :
A4CP5



Tgt Ion:153 Resp: 1551
Ion Ratio Lower Upper
153 100
152 49.1 39.5 59.3
154 88.5 71.7 107.5

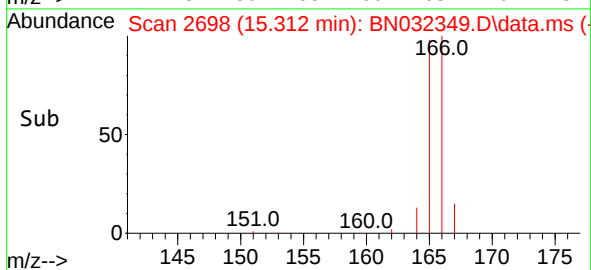
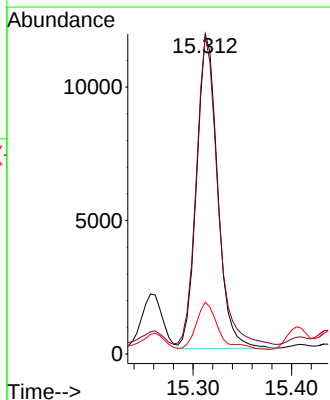
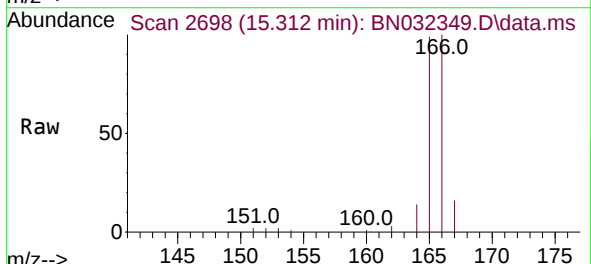
Manual Integrations
APPROVED

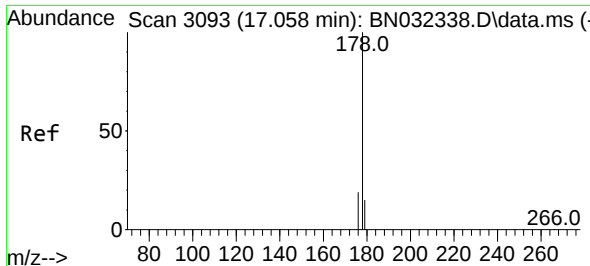
Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



#12
Fluorene
Concen: 0.280 ng/ul
RT: 15.312 min Scan# 2698
Delta R.T. -0.014 min
Lab File: BN032349.D
Acq: 29 Jun 2024 13:29

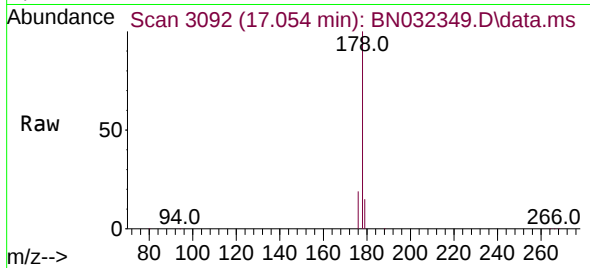
Tgt Ion:166 Resp: 17453
Ion Ratio Lower Upper
166 100
165 99.3 79.0 118.6
167 16.1 11.0 16.6





#15
Phenanthrene
Concen: 4.206 ng/ul m
RT: 17.054 min Scan# 3093
Delta R.T. -0.013 min
Lab File: BN032349.D
Acq: 29 Jun 2024 13:29

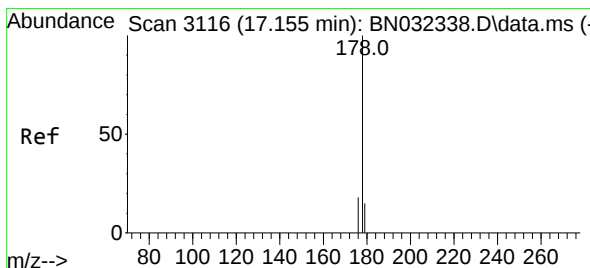
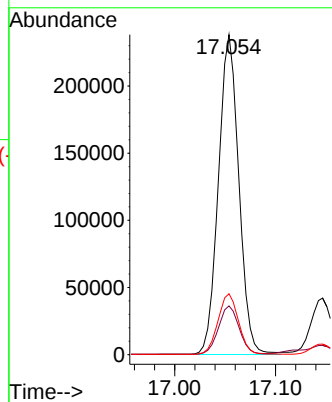
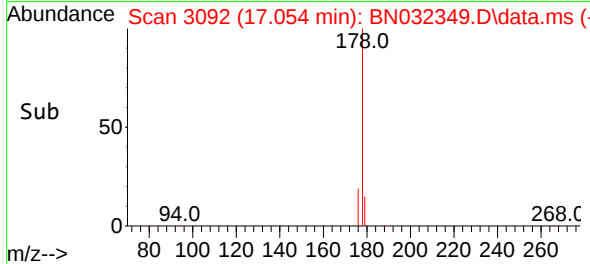
Instrument :
BNA_N
ClientSampleId :
A4CP5



Tgt Ion:178 Resp: 335384
Ion Ratio Lower Upper
178 100
179 15.3 12.6 18.8
176 19.1 15.6 23.4

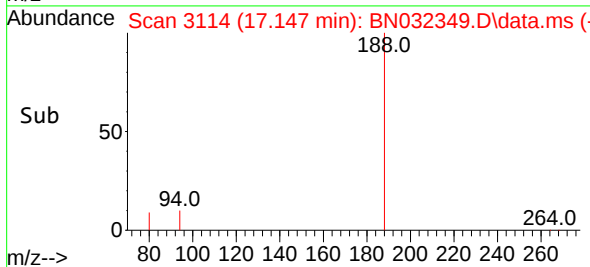
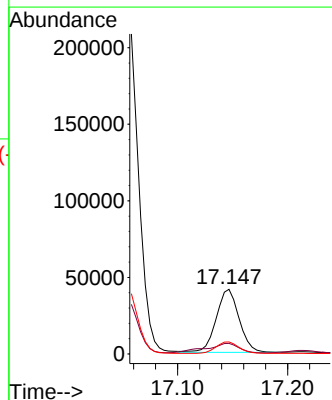
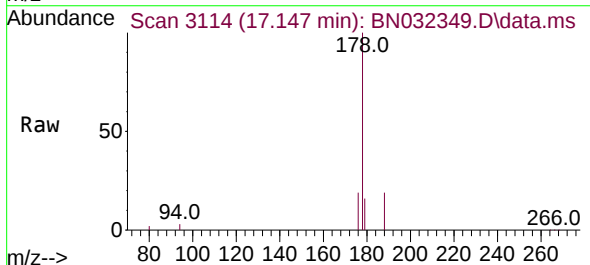
Manual Integrations
APPROVED

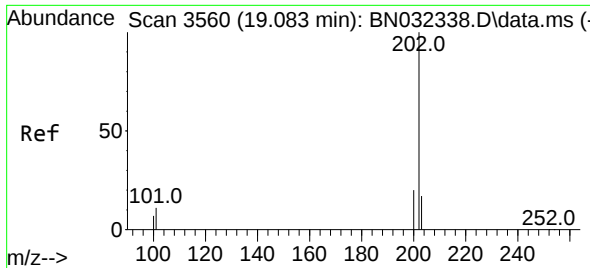
Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



#16
Anthracene
Concen: 0.840 ng/ul m
RT: 17.147 min Scan# 3114
Delta R.T. -0.013 min
Lab File: BN032349.D
Acq: 29 Jun 2024 13:29

Tgt Ion:178 Resp: 59709
Ion Ratio Lower Upper
178 100
179 16.5 12.5 18.7
176 18.7 15.0 22.6





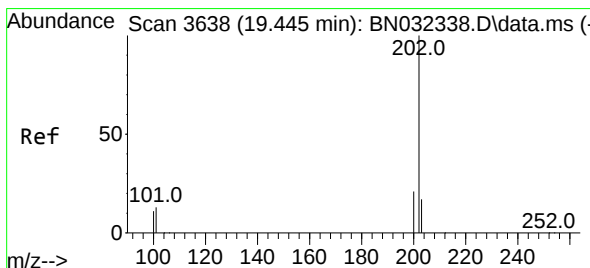
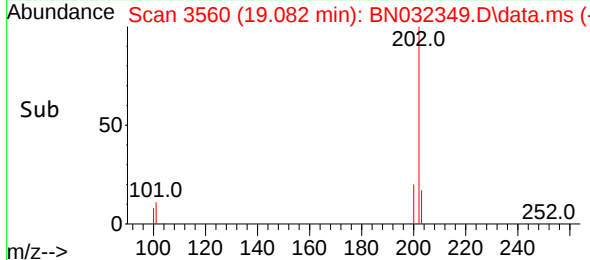
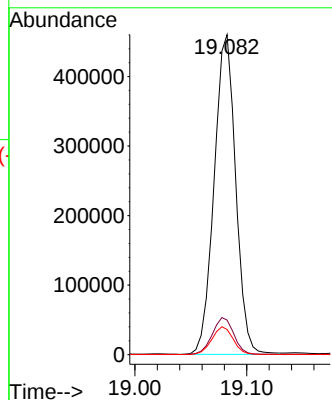
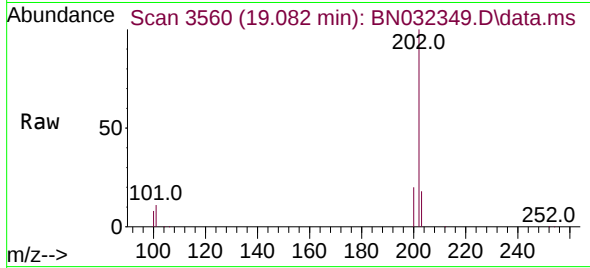
#19
Fluoranthene
Concen: 9.020 ng/ul m
RT: 19.082 min Scan# 3560
Delta R.T. -0.010 min
Lab File: BN032349.D
Acq: 29 Jun 2024 13:29

Instrument :
BNA_N
ClientSampleId :
A4CP5

Tgt Ion:202 Resp: 615924
Ion Ratio Lower Upper
202 100
101 10.8 8.8 13.2
100 7.9 6.4 9.6

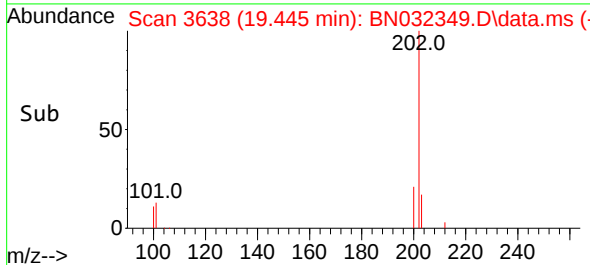
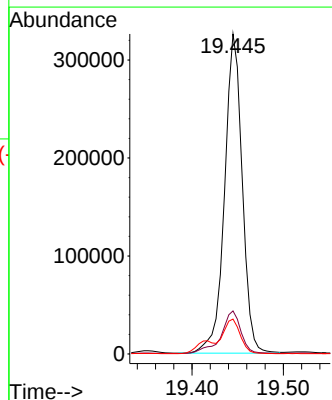
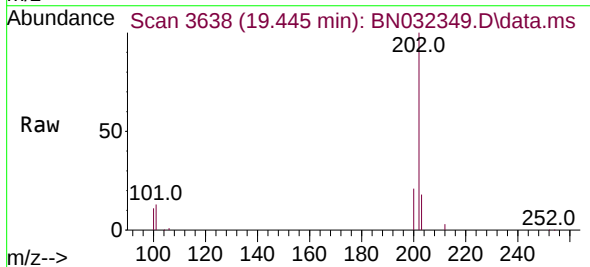
Manual Integrations
APPROVED

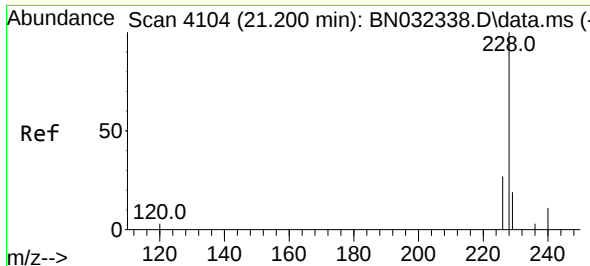
Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



#20
Pyrene
Concen: 6.154 ng/ul m
RT: 19.445 min Scan# 3638
Delta R.T. -0.010 min
Lab File: BN032349.D
Acq: 29 Jun 2024 13:29

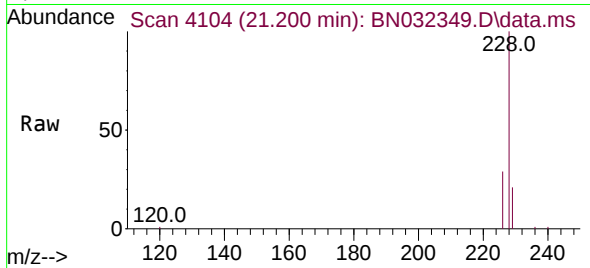
Tgt Ion:202 Resp: 439111
Ion Ratio Lower Upper
202 100
101 13.5 11.0 16.4
100 10.9 8.7 13.1





#21
Benzo(a)anthracene
Concen: 4.056 ng/ul m
RT: 21.200 min Scan# 4104
Delta R.T. -0.015 min
Lab File: BN032349.D
Acq: 29 Jun 2024 13:29

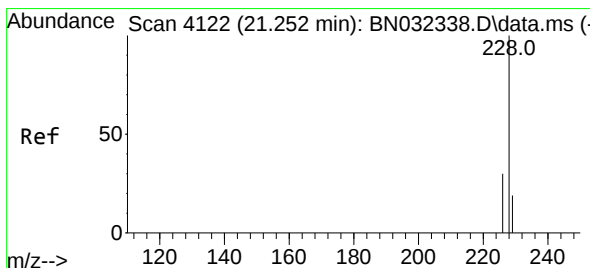
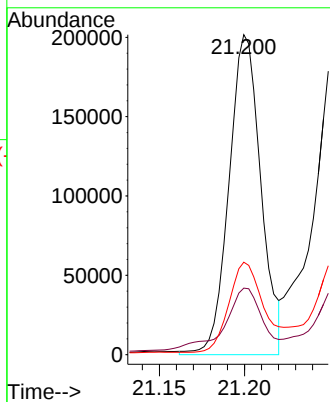
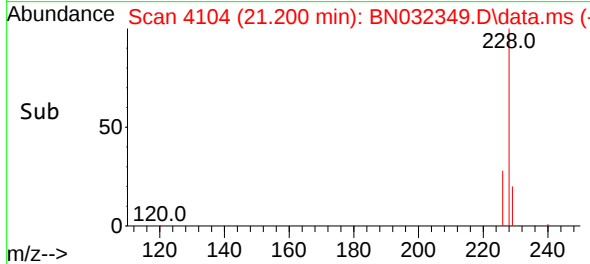
Instrument :
BNA_N
ClientSampleId :
A4CP5



Tgt Ion:228 Resp: 262485
Ion Ratio Lower Upper
228 100
229 20.8 15.7 23.5
226 28.9 21.8 32.8

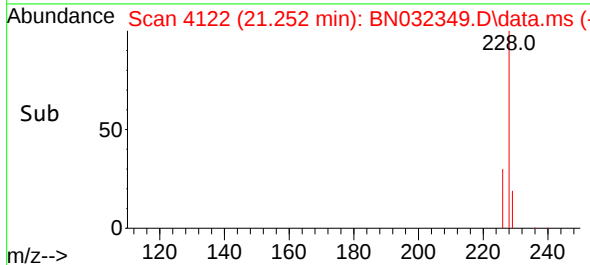
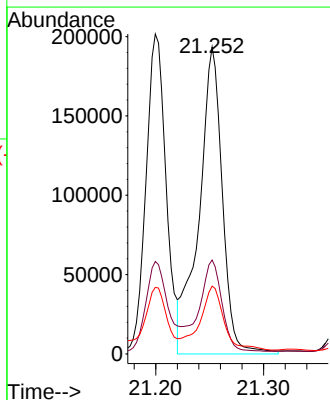
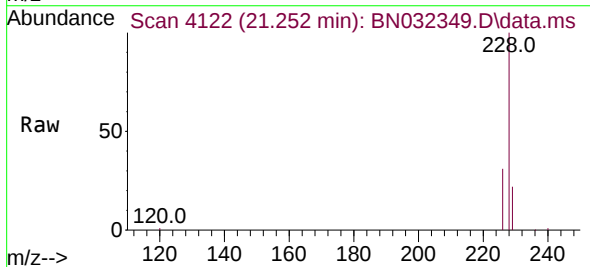
Manual Integrations
APPROVED

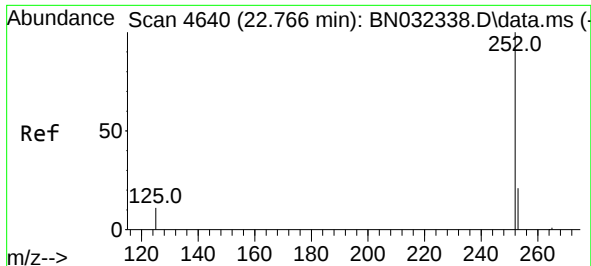
Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



#22
Chrysene
Concen: 4.116 ng/ul m
RT: 21.252 min Scan# 4122
Delta R.T. -0.015 min
Lab File: BN032349.D
Acq: 29 Jun 2024 13:29

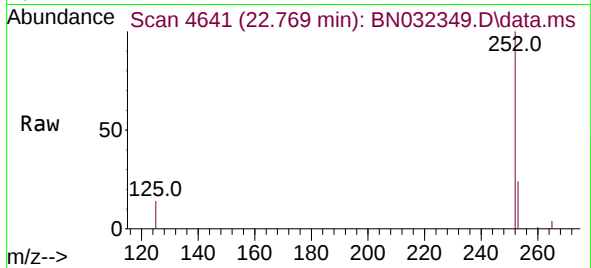
Tgt Ion:228 Resp: 292417
Ion Ratio Lower Upper
228 100
226 30.6 23.6 35.4
229 22.1 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 4.390 ng/ul m
RT: 22.769 min Scan# 4640
Delta R.T. -0.015 min
Lab File: BN032349.D
Acq: 29 Jun 2024 13:29

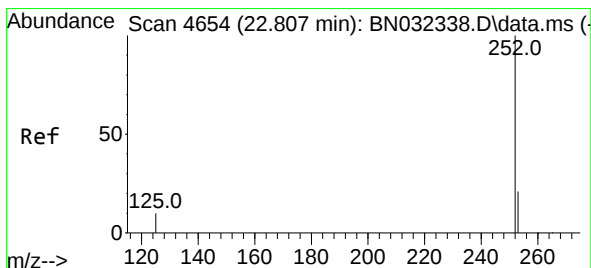
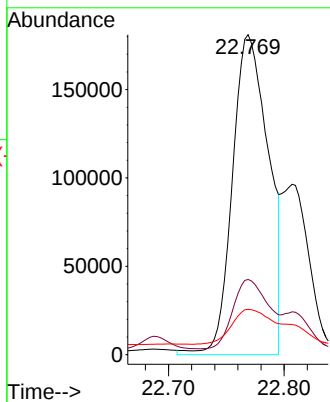
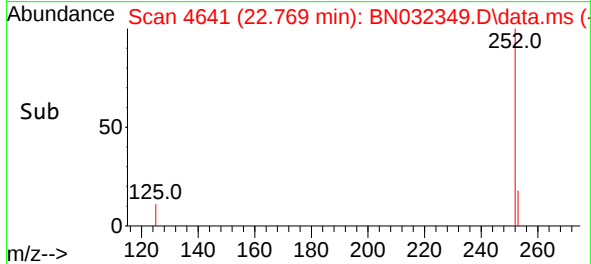
Instrument :
BNA_N
ClientSampleId :
A4CP5



Tgt Ion:252 Resp: 39182
Ion Ratio Lower Upper
252 100
253 23.5 0.0 50.2
125 14.2 0.0 32.0

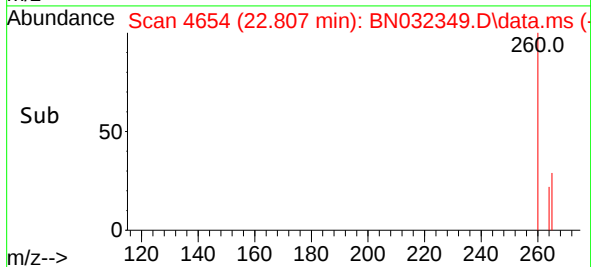
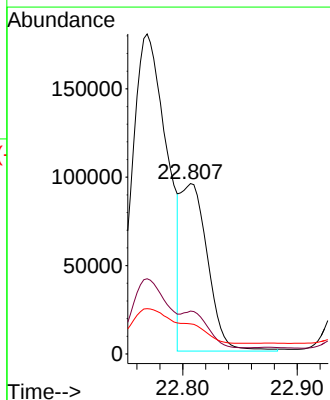
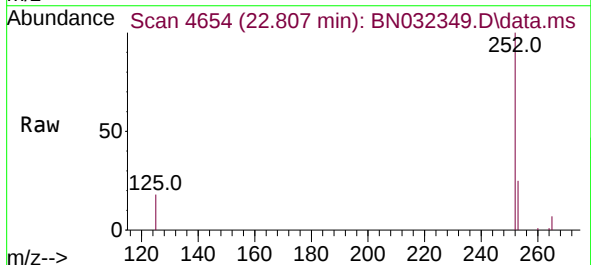
Manual Integrations
APPROVED

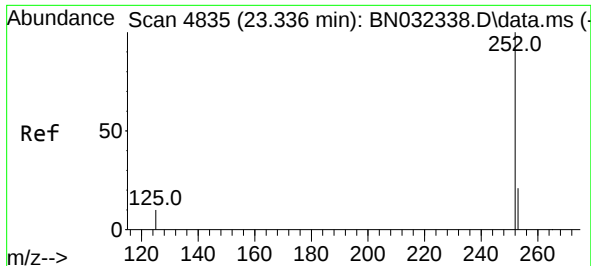
Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



#25
Benzo(k)fluoranthene
Concen: 1.800 ng/ul m
RT: 22.807 min Scan# 4654
Delta R.T. -0.021 min
Lab File: BN032349.D
Acq: 29 Jun 2024 13:29

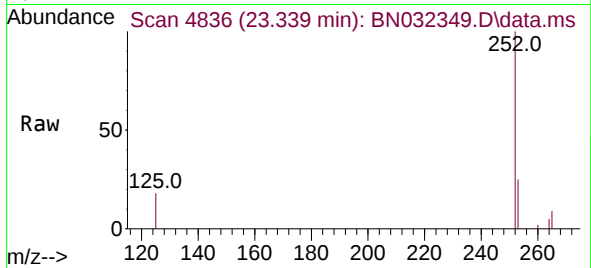
Tgt Ion:252 Resp: 156111
Ion Ratio Lower Upper
252 100
253 25.1 20.3 30.5
125 17.7 12.8 19.2





#26
Benzo(a)pyrene
Concen: 2.459 ng/ul m
RT: 23.339 min Scan# 4836
Delta R.T. -0.021 min
Lab File: BN032349.D
Acq: 29 Jun 2024 13:29

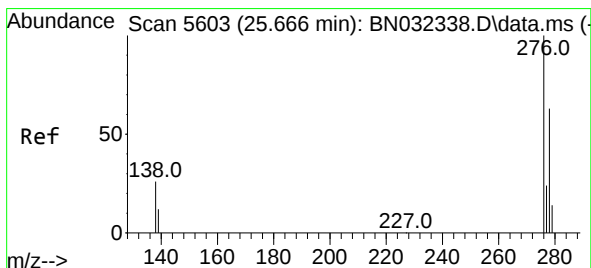
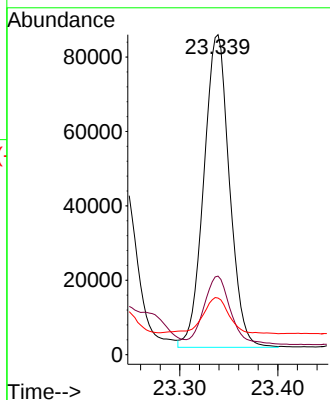
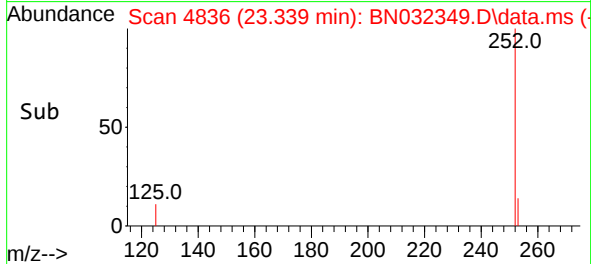
Instrument :
BNA_N
ClientSampleId :
A4CP5



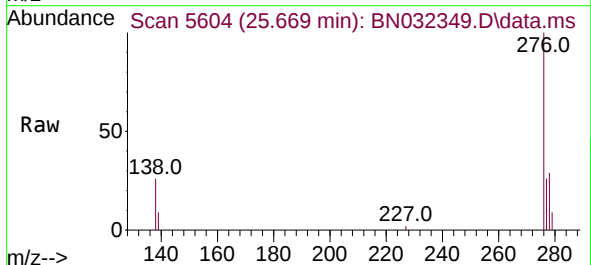
Tgt Ion:252 Resp: 15269
Ion Ratio Lower Upper
252 100
253 24.5 22.2 33.2
125 17.7 16.4 24.6

Manual Integrations
APPROVED

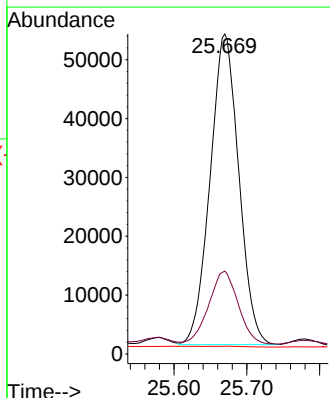
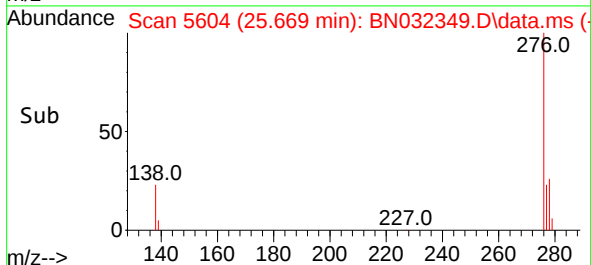
Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024

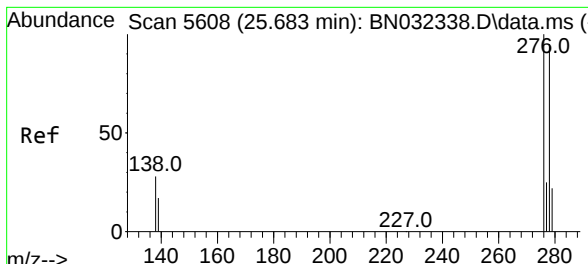


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.486 ng/ul m
RT: 25.669 min Scan# 5604
Delta R.T. -0.030 min
Lab File: BN032349.D
Acq: 29 Jun 2024 13:29



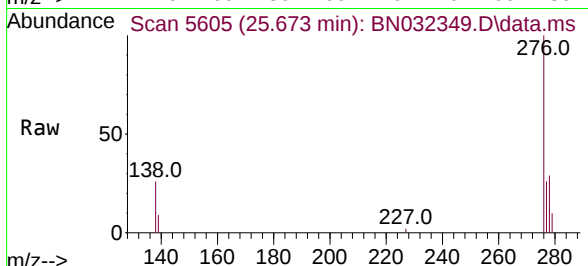
Tgt Ion:276 Resp: 144510
Ion Ratio Lower Upper
276 100
138 4.0 21.3 31.9#
227 0.1 0.1 0.1





#28
 Dibenzo(a,h)anthracene
 Concen: 0.699 ng/ul m
 RT: 25.673 min Scan# 5047
 Delta R.T. -0.037 min
 Lab File: BN032349.D
 Acq: 29 Jun 2024 13:29

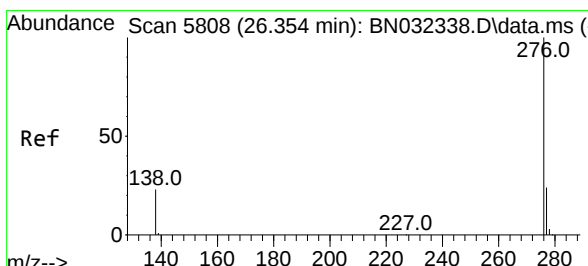
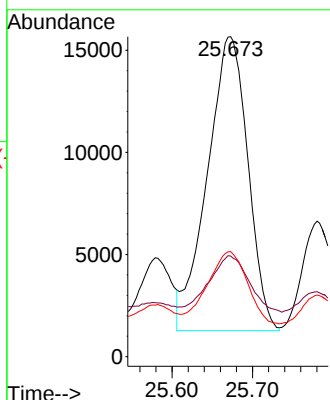
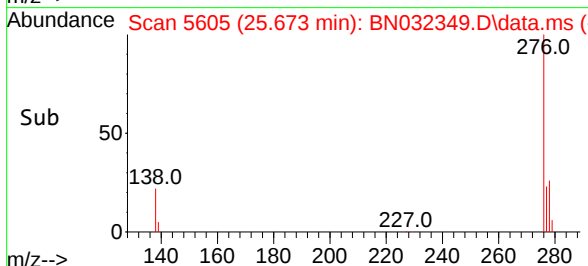
Instrument :
 BNA_N
 ClientSampleId :
 A4CP5



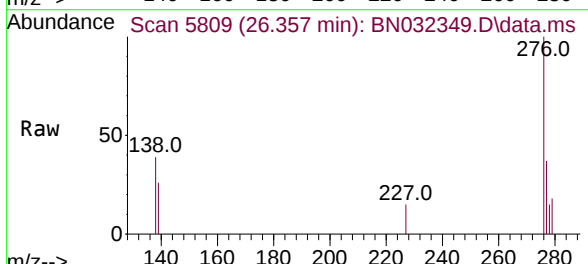
Tgt Ion:278 Resp: 5047
 Ion Ratio Lower Upper
 278 100
 139 31.4 15.9 23.9#
 279 32.8 21.1 31.7#

Manual Integrations
 APPROVED

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



#29
 Benzo(g,h,i)perylene
 Concen: 0.293 ng/ul m
 RT: 26.357 min Scan# 5809
 Delta R.T. -0.024 min
 Lab File: BN032349.D
 Acq: 29 Jun 2024 13:29



Tgt Ion:276 Resp: 22712
 Ion Ratio Lower Upper
 276 100
 138 38.9 19.8 29.6#
 277 36.6 19.8 29.6#

