

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032423.D
 Acq On : 03 Jul 2024 05:10
 Operator : MA/JU
 Sample : P2963-07
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CQ8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 03 05:36:03 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 : Wed Jul 03 03:26:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.603	152	7633	0.400	ng/ul	0.00
4) Naphthalene-d8	10.376	136	25278	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.249	164	16572	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.008	188	30577m	0.400	ng/ul	0.00
17) Chrysene-d12	21.212	240	16121m	0.400	ng/ul	0.00
23) Perylene-d12	23.430	264	25929m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.144	96	26960	3.178	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.977	152	9389	0.248	ng/ul	0.00
18) Fluoranthene-d10	19.041	212	18362m	0.379	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.426	128	173687	2.596	ng/ul	99
7) 2-Methylnaphthalene	12.048	142	75140	1.695	ng/ul	99
8) 1-Methylnaphthalene	12.274	142	55310	1.203	ng/ul	99
10) Acenaphthylene	13.971	152	145150	2.106	ng/ul	99
11) Acenaphthene	14.313	153	189485	3.542	ng/ul	98
12) Fluorene	15.308	166	200582	3.147	ng/ul	98
14) Pentachlorophenol	16.670	266	580m	0.084	ng/ul	
15) Phenanthrene	17.050	178	2853303m	34.037	ng/ul	
16) Anthracene	17.139	178	697579m	9.329	ng/ul	
19) Fluoranthene	19.078	202	3289209m	53.581	ng/ul	
20) Pyrene	19.440	202	2640357m	41.158	ng/ul	
21) Benzo(a)anthracene	21.194	228	1543938m	26.535	ng/ul	
22) Chrysene	21.250	228	1637239m	25.637	ng/ul	
24) Benzo(b)fluoranthene	22.766	252	1898942m	16.857	ng/ul	
25) Benzo(k)fluoranthene	22.804	252	801253m	7.321	ng/ul	
26) Benzo(a)pyrene	23.333	252	906268m	11.563	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.666	276	803655m	6.548	ng/ul	
28) Dibenzo(a,h)anthracene	25.670	278	317142m	3.478	ng/ul	
29) Benzo(g,h,i)perylene	26.354	276	121101m	1.239	ng/ul	

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

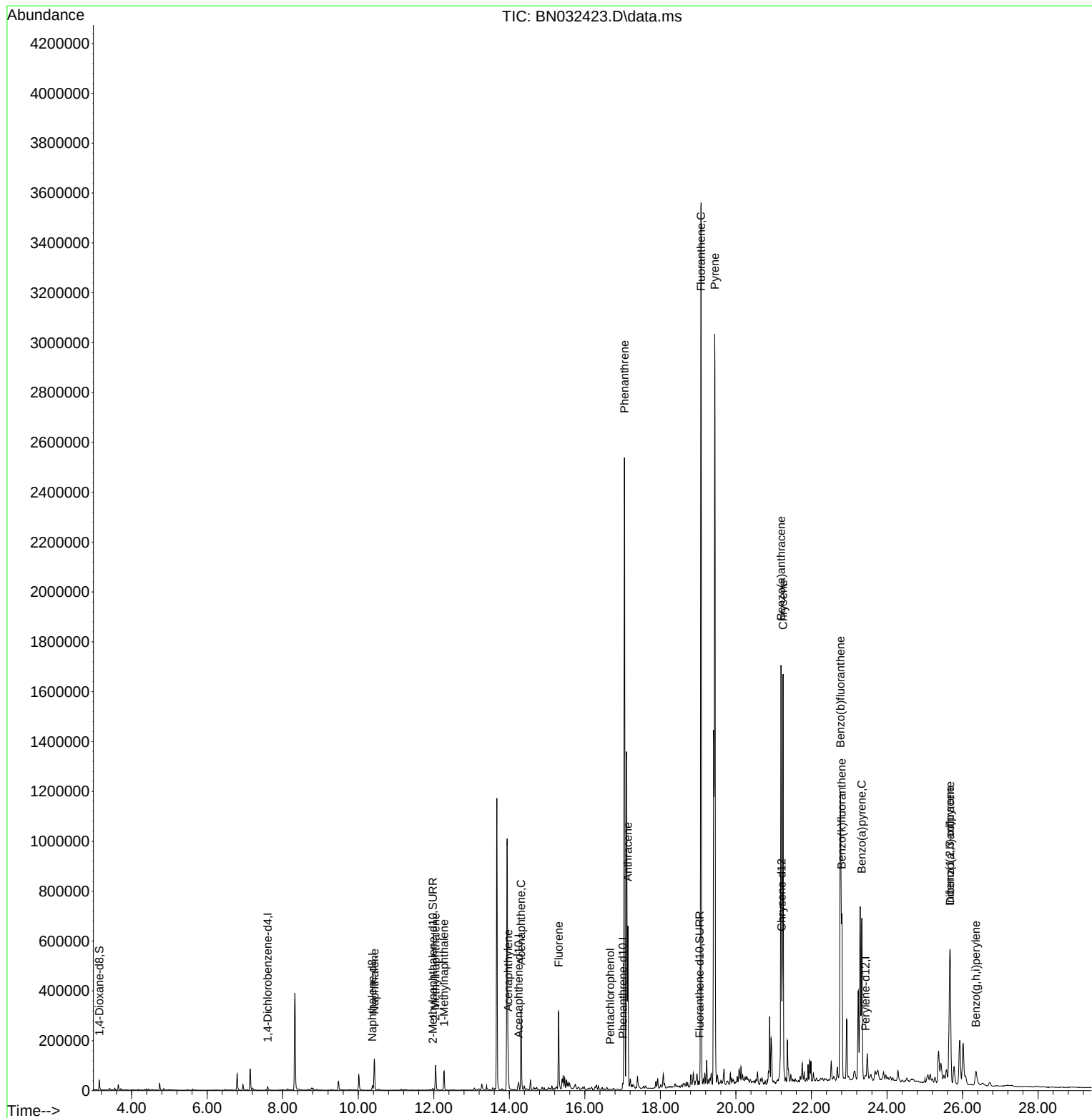
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032423.D
Acq On : 03 Jul 2024 05:10
Operator : MA/JU
Sample : P2963-07
Misc :
ALS Vial : 71 Sample Multiplier: 1

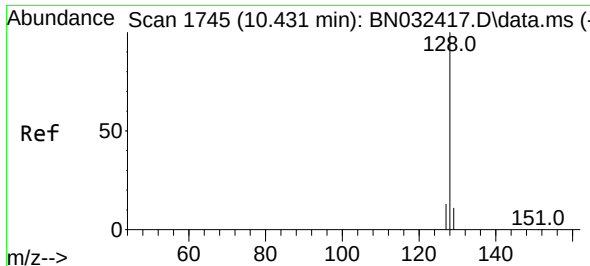
Instrument :
BNA_N
ClientSampleId :
A4CQ8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024

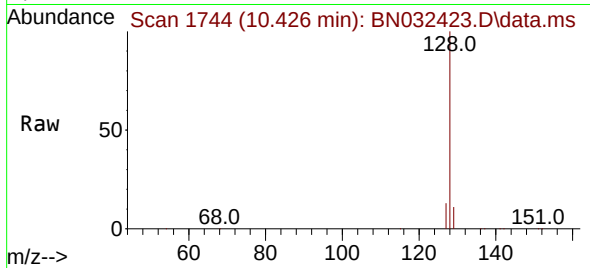
Quant Time: Jul 03 05:36:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 2.596 ng/ul
RT: 10.426 min Scan# 1744
Delta R.T. -0.005 min
Lab File: BN032423.D
Acq: 03 Jul 2024 05:10

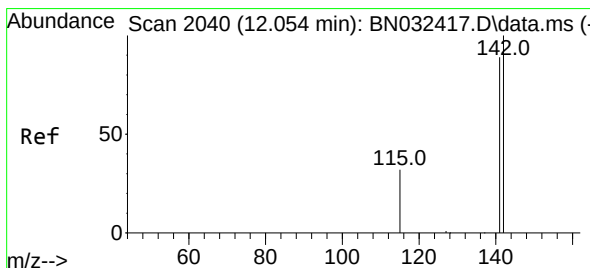
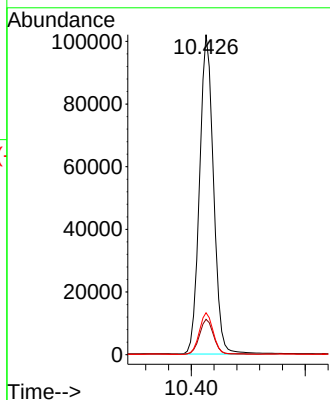
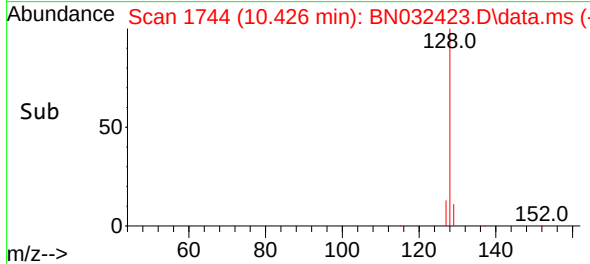
Instrument :
BNA_N
ClientSampleId :
A4CQ8



Tgt Ion:128 Resp: 17368
Ion Ratio Lower Upper
128 100
129 11.1 9.2 13.8
127 13.1 10.8 16.2

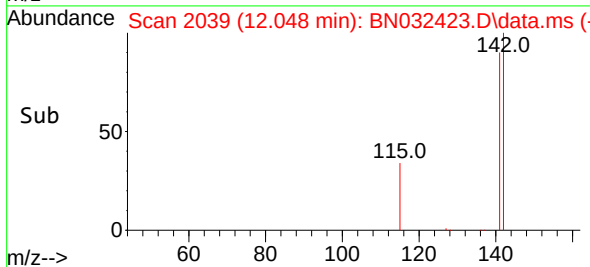
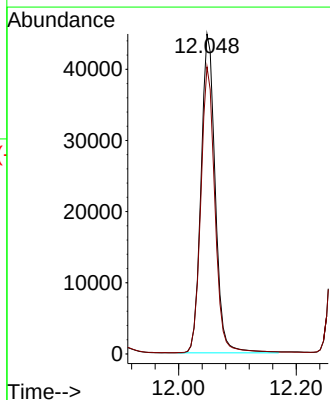
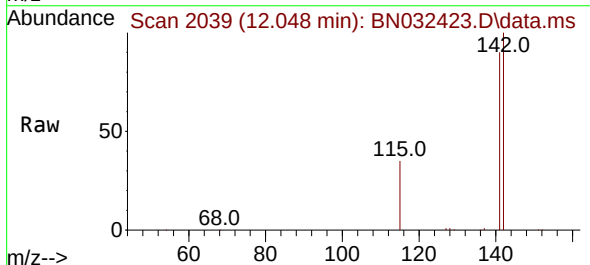
Manual Integrations
APPROVED

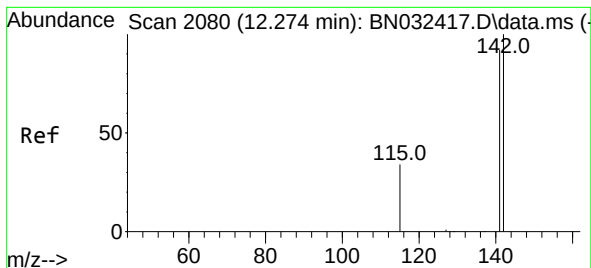
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#7
2-Methylnaphthalene
Concen: 1.695 ng/ul
RT: 12.048 min Scan# 2039
Delta R.T. -0.005 min
Lab File: BN032423.D
Acq: 03 Jul 2024 05:10

Tgt Ion:142 Resp: 75140
Ion Ratio Lower Upper
142 100
141 88.9 72.2 108.2





#8

1-Methylnaphthalene

Concen: 1.203 ng/ul

RT: 12.274 min Scan# 2080

Delta R.T. 0.000 min

Lab File: BN032423.D

Acq: 03 Jul 2024 05:10

Instrument :

BNA_N

ClientSampleId :

A4CQ8

Tgt Ion:142 Resp: 55310

Ion Ratio Lower Upper

142 100

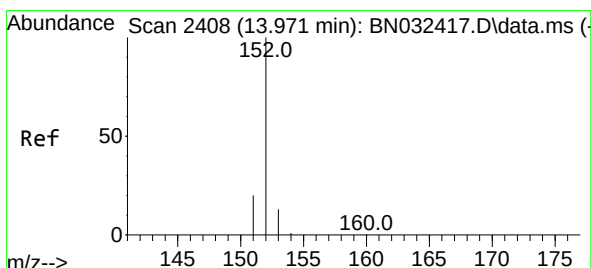
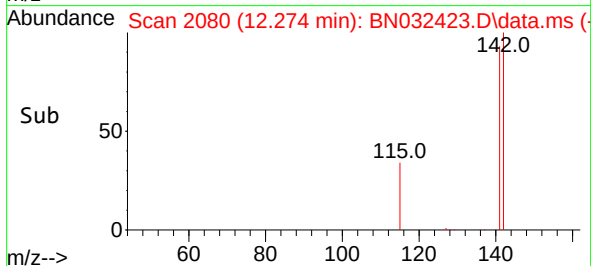
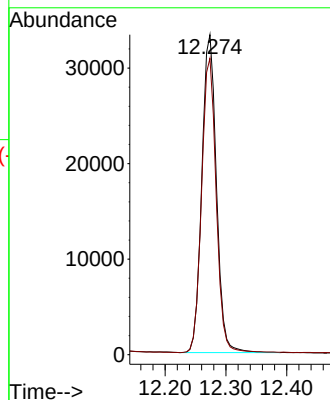
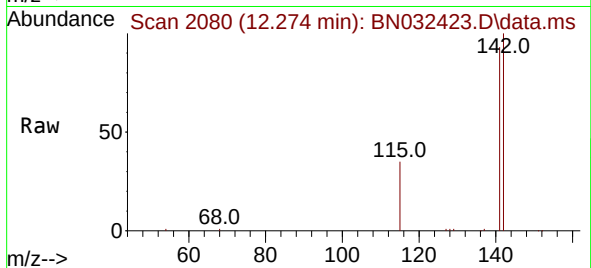
141 92.7 73.4 110.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/03/2024

Supervised By :mohammad ahmed 07/04/2024



#10

Acenaphthylene

Concen: 2.106 ng/ul

RT: 13.971 min Scan# 2408

Delta R.T. 0.000 min

Lab File: BN032423.D

Acq: 03 Jul 2024 05:10

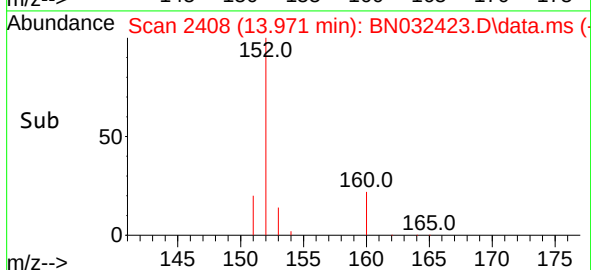
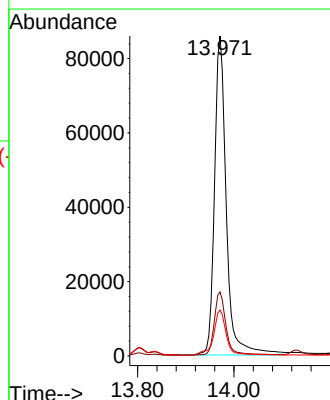
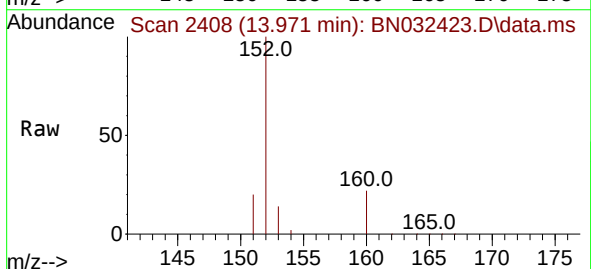
Tgt Ion:152 Resp: 145150

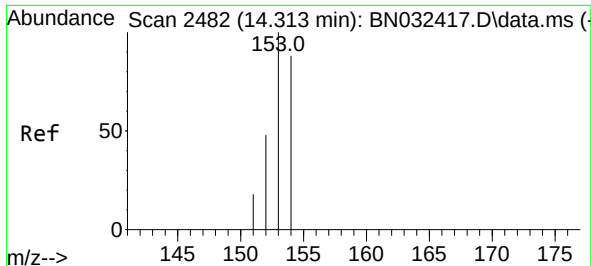
Ion Ratio Lower Upper

152 100

151 20.0 15.7 23.5

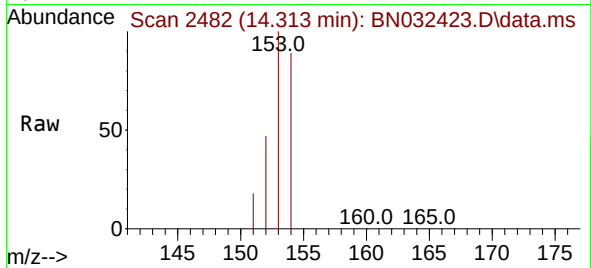
153 14.4 10.9 16.3





#11
Acenaphthene
Concen: 3.542 ng/ul
RT: 14.313 min Scan# 2482
Delta R.T. 0.000 min
Lab File: BN032423.D
Acq: 03 Jul 2024 05:10

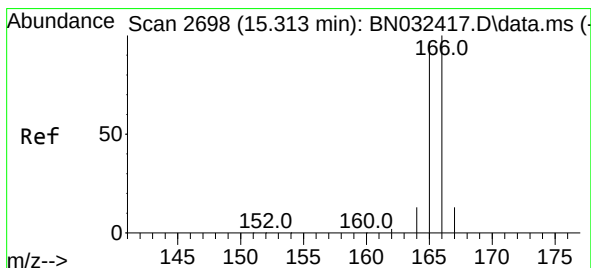
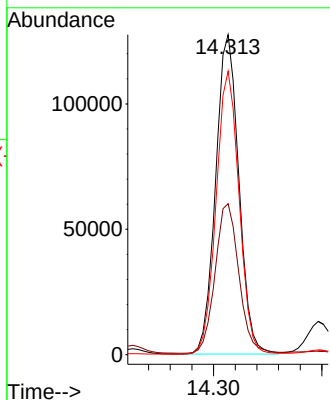
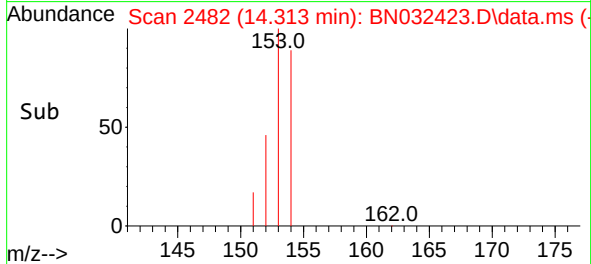
Instrument :
BNA_N
ClientSampleId :
A4CQ8



Tgt Ion:153 Resp: 189485
Ion Ratio Lower Upper
153 100
152 47.2 39.5 59.3
154 88.6 71.7 107.5

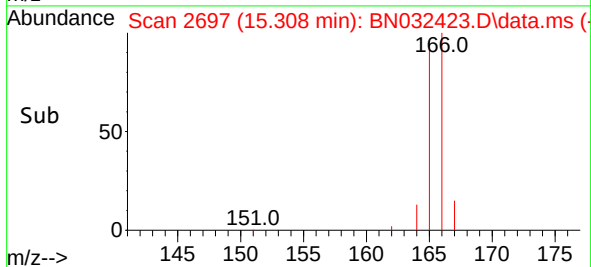
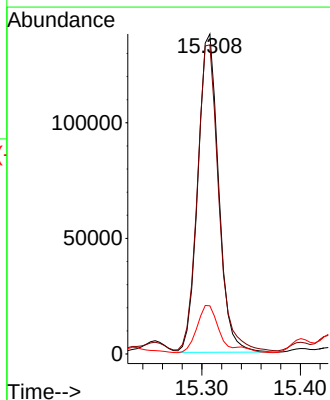
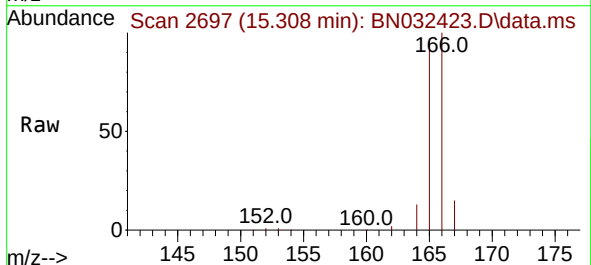
Manual Integrations
APPROVED

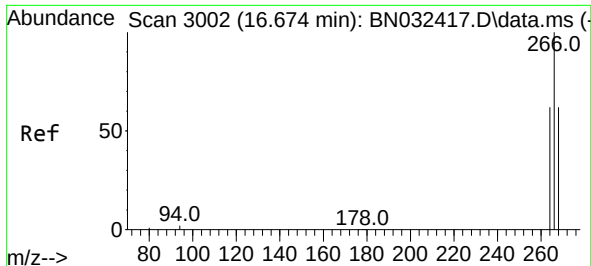
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#12
Fluorene
Concen: 3.147 ng/ul
RT: 15.308 min Scan# 2697
Delta R.T. -0.005 min
Lab File: BN032423.D
Acq: 03 Jul 2024 05:10

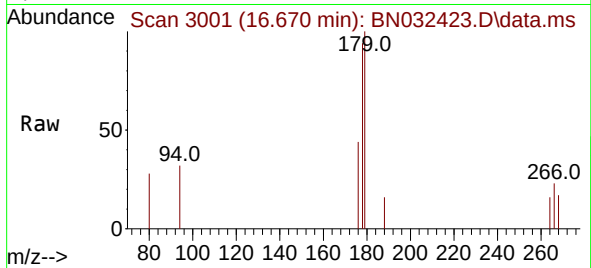
Tgt Ion:166 Resp: 200582
Ion Ratio Lower Upper
166 100
165 96.6 79.0 118.6
167 15.0 11.0 16.6





#14
Pentachlorophenol
Concen: 0.084 ng/ul m
RT: 16.670 min Scan# 3002
Delta R.T. -0.004 min
Lab File: BN032423.D
Acq: 03 Jul 2024 05:10

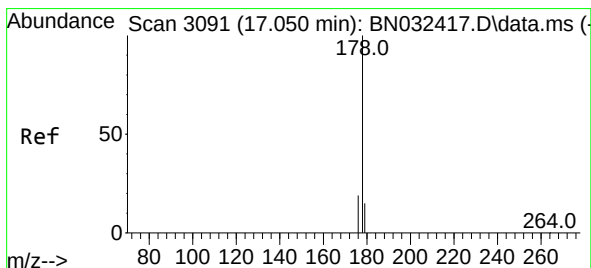
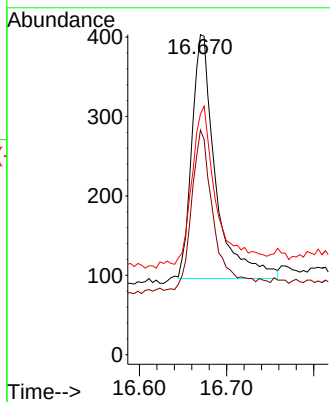
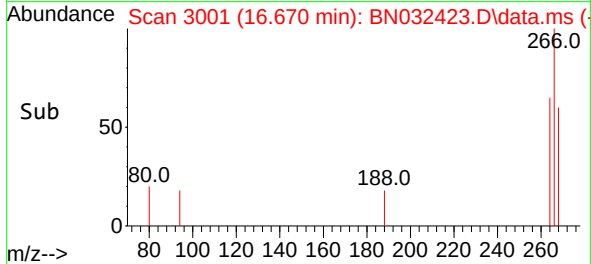
Instrument :
BNA_N
ClientSampleId :
A4CQ8



Tgt Ion:266 Resp: 580
Ion Ratio Lower Upper
266 100
264 0.0 49.9 74.9
268 1.0 52.4 78.6

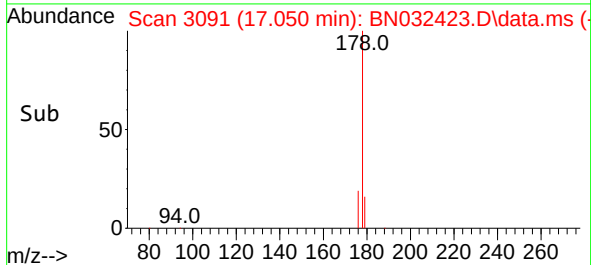
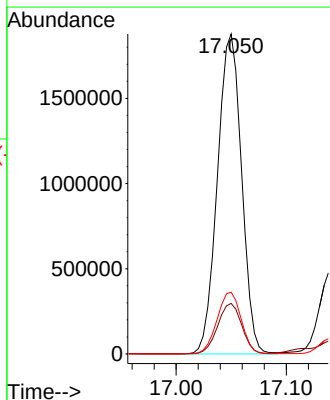
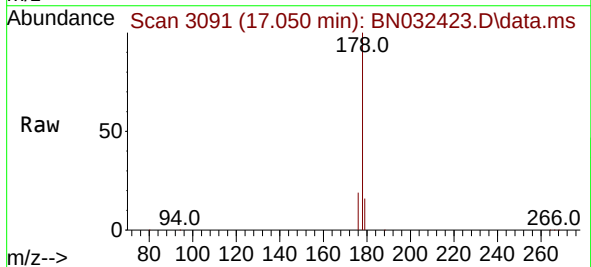
Manual Integrations
APPROVED

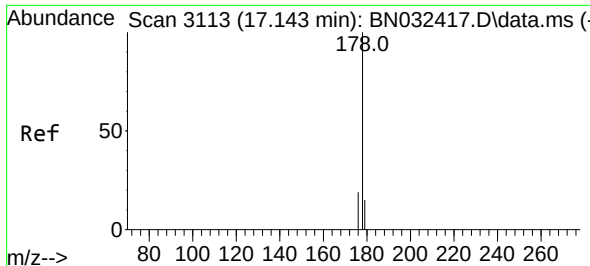
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#15
Phenanthrene
Concen: 34.037 ng/ul m
RT: 17.050 min Scan# 3091
Delta R.T. 0.000 min
Lab File: BN032423.D
Acq: 03 Jul 2024 05:10

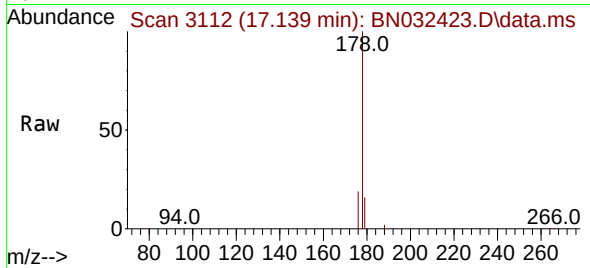
Tgt Ion:178 Resp: 2853303
Ion Ratio Lower Upper
178 100
179 15.8 12.6 18.8
176 19.3 15.6 23.4





#16
 Anthracene
 Concen: 9.329 ng/ul m
 RT: 17.139 min Scan# 3113
 Delta R.T. -0.004 min
 Lab File: BN032423.D
 Acq: 03 Jul 2024 05:10

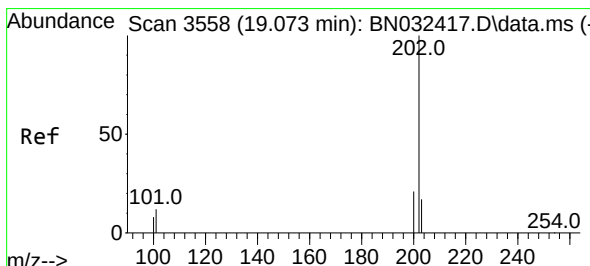
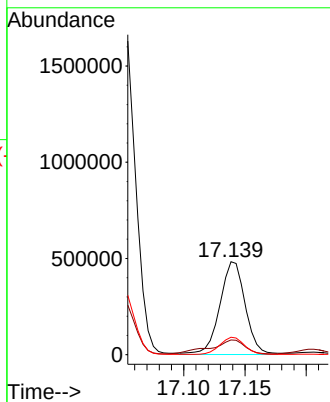
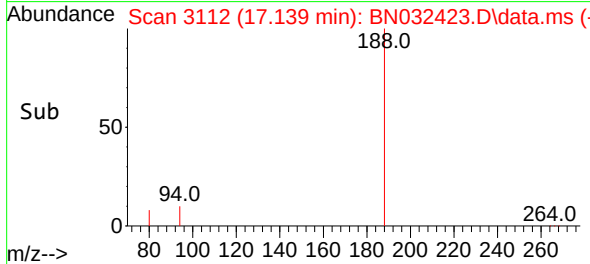
Instrument :
 BNA_N
 ClientSampleId :
 A4CQ8



Tgt Ion:178 Resp: 697579
 Ion Ratio Lower Upper
 178 100
 179 15.8 12.5 18.7
 176 18.8 15.0 22.6

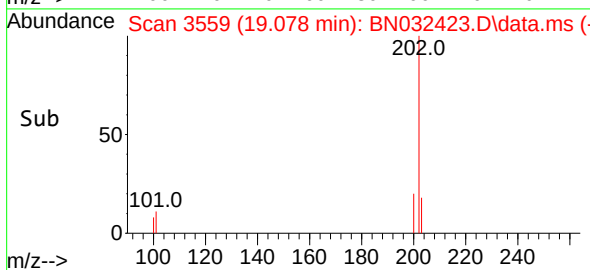
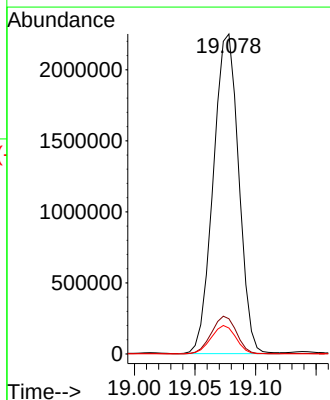
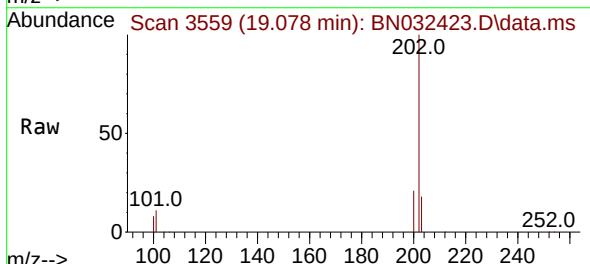
Manual Integrations
 APPROVED

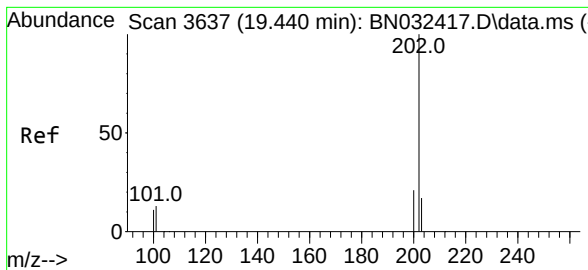
Reviewed By :Yogesh Patel 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024



#19
 Fluoranthene
 Concen: 53.581 ng/ul m
 RT: 19.078 min Scan# 3559
 Delta R.T. 0.005 min
 Lab File: BN032423.D
 Acq: 03 Jul 2024 05:10

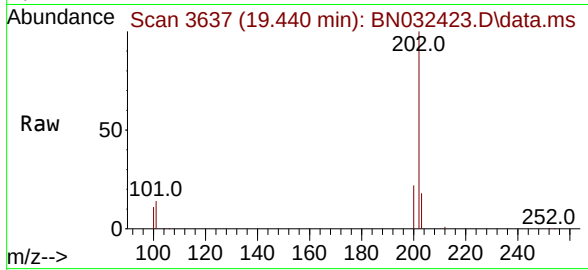
Tgt Ion:202 Resp: 3289209
 Ion Ratio Lower Upper
 202 100
 101 11.0 8.8 13.2
 100 8.1 6.4 9.6





#20
Pyrene
Concen: 41.158 ng/ul m
RT: 19.440 min Scan# 3637
Delta R.T. 0.000 min
Lab File: BN032423.D
Acq: 03 Jul 2024 05:10

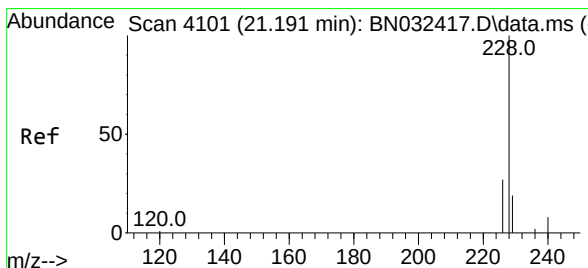
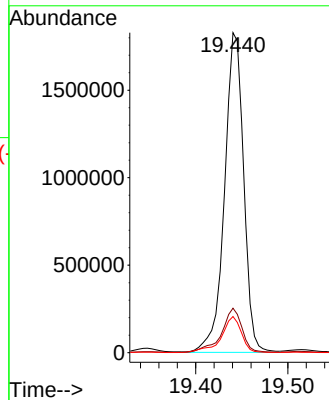
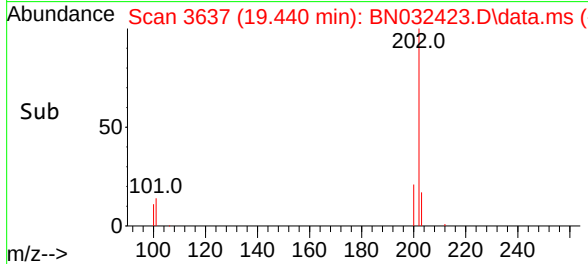
Instrument :
BNA_N
ClientSampleId :
A4CQ8



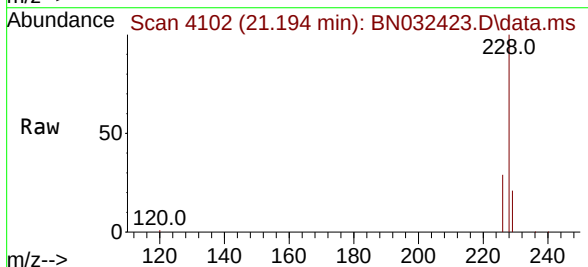
Tgt Ion:202 Resp: 264035
Ion Ratio Lower Upper
202 100
101 13.9 11.0 16.4
100 11.3 8.7 13.1

Manual Integrations
APPROVED

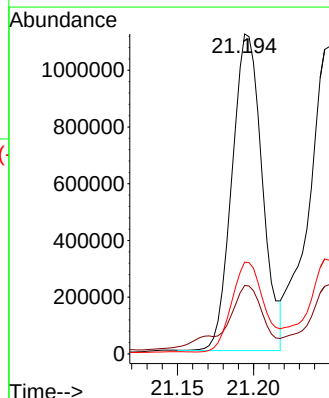
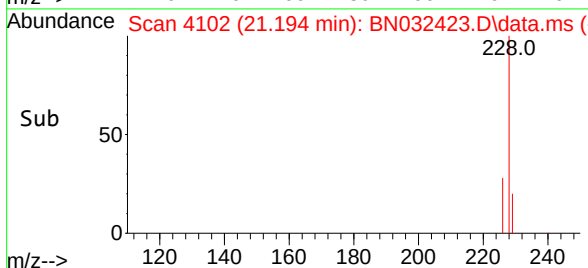
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024

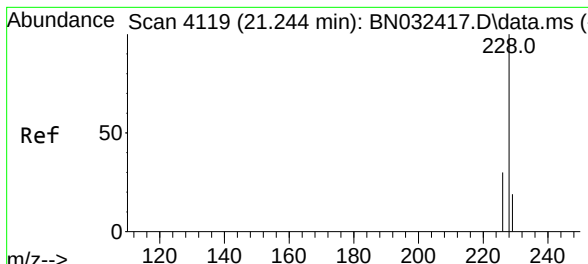


#21
Benzo(a)anthracene
Concen: 26.535 ng/ul m
RT: 21.194 min Scan# 4102
Delta R.T. 0.003 min
Lab File: BN032423.D
Acq: 03 Jul 2024 05:10



Tgt Ion:228 Resp: 1543938
Ion Ratio Lower Upper
228 100
229 21.4 15.7 23.5
226 28.7 21.8 32.8





#22

Chrysene

Concen: 25.637 ng/ul m

RT: 21.250 min Scan# 4119

Delta R.T. 0.006 min

Lab File: BN032423.D

Acq: 03 Jul 2024 05:10

Instrument :

BNA_N

ClientSampleId :

A4CQ8

Tgt Ion:228 Resp: 1637239

Ion Ratio Lower Upper

228 100

226 30.5 23.6 35.4

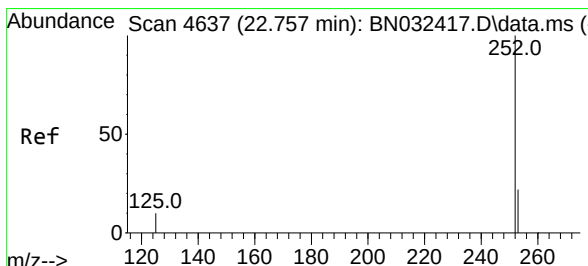
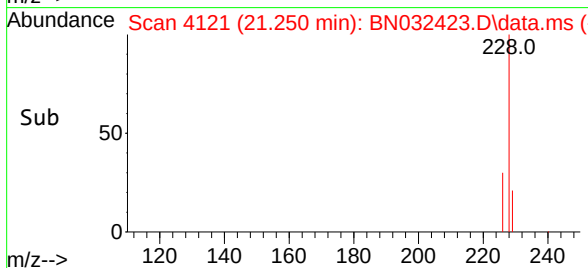
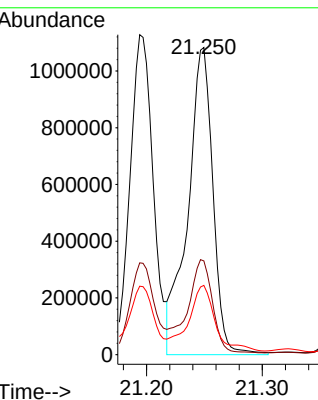
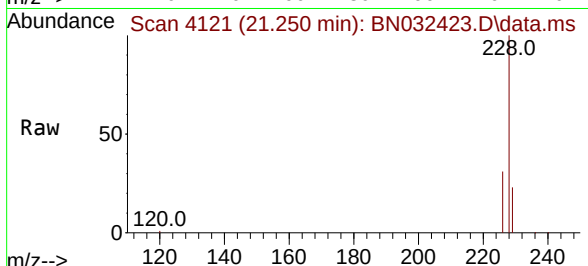
229 22.6 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/03/2024

Supervised By :mohammad ahmed 07/04/2024



#24

Benzo(b)fluoranthene

Concen: 16.857 ng/ul m

RT: 22.766 min Scan# 4640

Delta R.T. 0.009 min

Lab File: BN032423.D

Acq: 03 Jul 2024 05:10

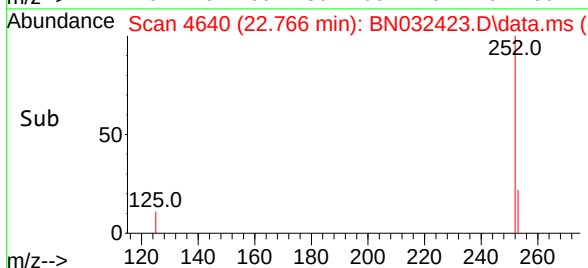
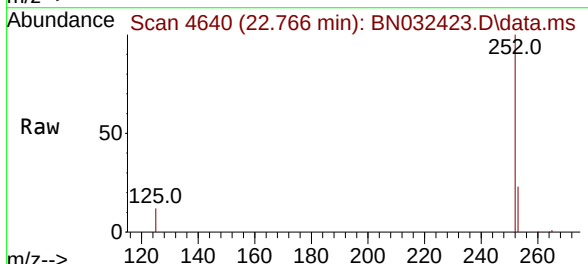
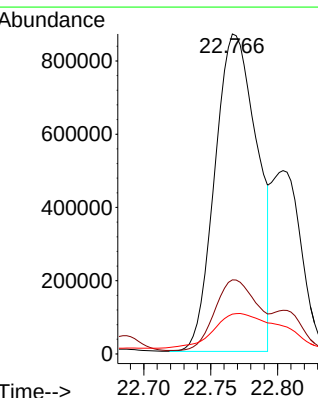
Tgt Ion:252 Resp: 1898942

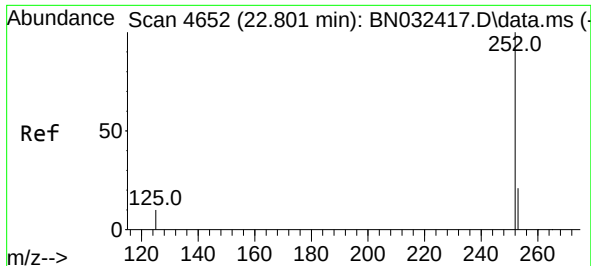
Ion Ratio Lower Upper

252 100

253 23.2 0.0 50.2

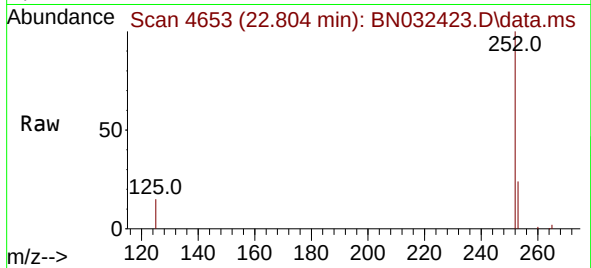
125 12.5 0.0 32.0





#25
Benzo(k)fluoranthene
Concen: 7.321 ng/ul m
RT: 22.804 min Scan# 4652
Delta R.T. 0.003 min
Lab File: BN032423.D
Acq: 03 Jul 2024 05:10

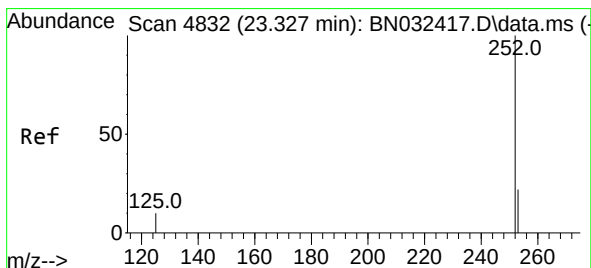
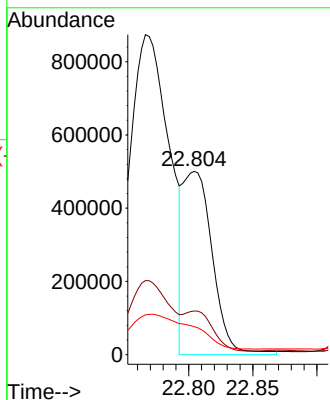
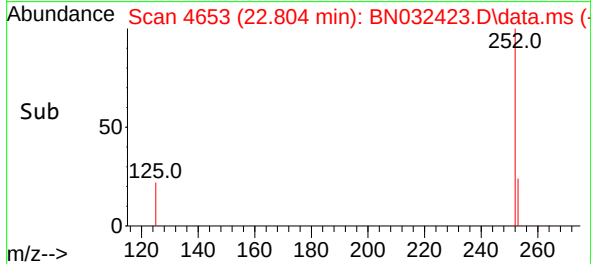
Instrument :
BNA_N
ClientSampleId :
A4CQ8



Tgt Ion:252 Resp: 80125
Ion Ratio Lower Upper
252 100
253 23.8 20.3 30.5
125 15.3 12.8 19.2

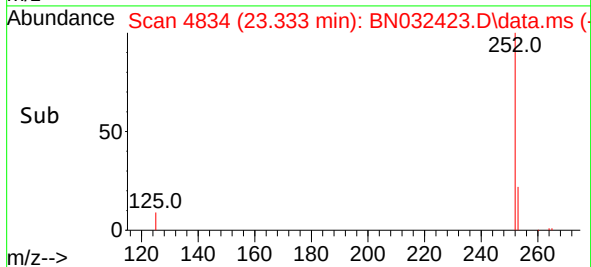
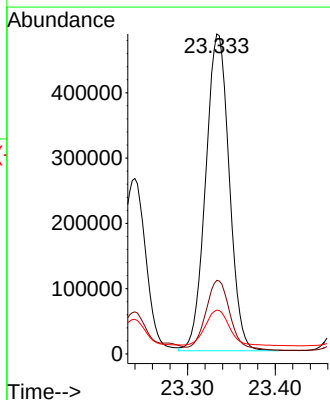
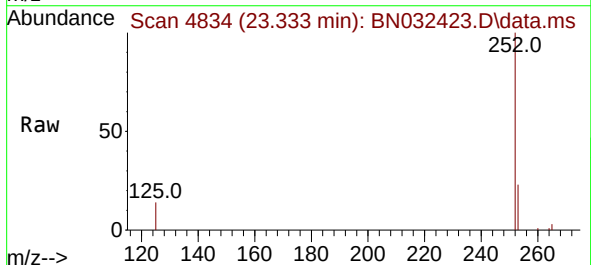
Manual Integrations
APPROVED

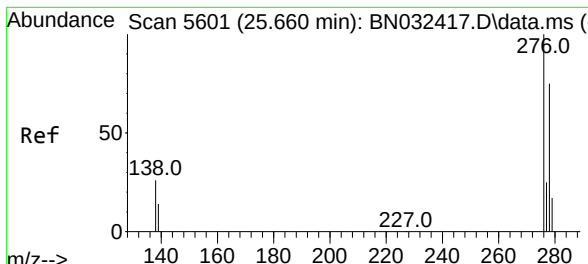
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#26
Benzo(a)pyrene
Concen: 11.563 ng/ul m
RT: 23.333 min Scan# 4834
Delta R.T. 0.006 min
Lab File: BN032423.D
Acq: 03 Jul 2024 05:10

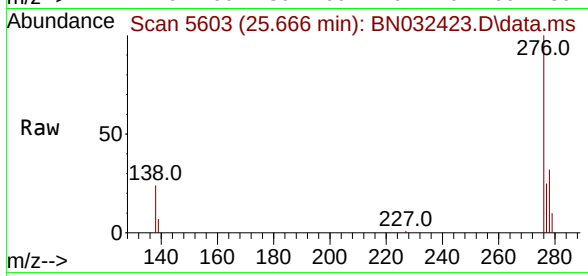
Tgt Ion:252 Resp: 906268
Ion Ratio Lower Upper
252 100
253 23.0 22.2 33.2
125 13.7 16.4 24.6#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 6.548 ng/ul m
 RT: 25.666 min Scan# 5603
 Delta R.T. 0.007 min
 Lab File: BN032423.D
 Acq: 03 Jul 2024 05:10

Instrument :
 BNA_N
 ClientSampleId :
 A4CQ8

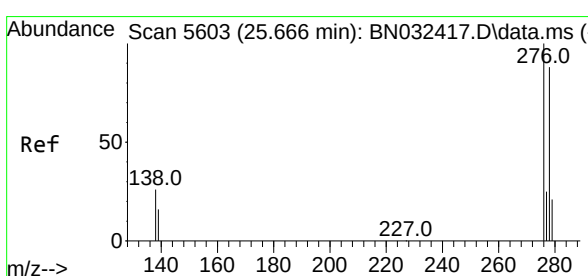
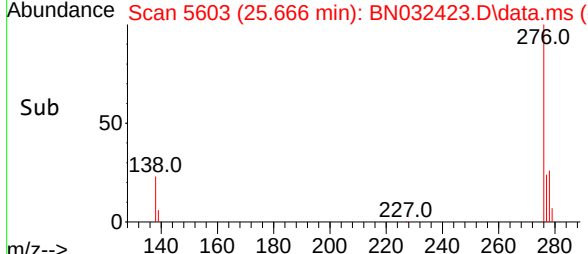
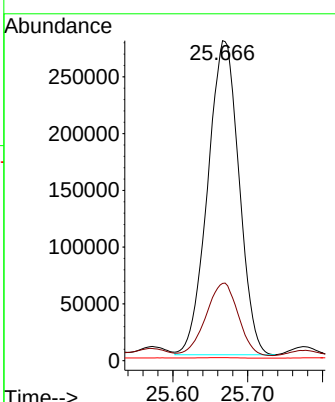


Tgt Ion: 276 Resp: 80365

Ion	Ratio	Lower	Upper
276	100		
138	1.9	21.3	31.9
227	0.0	0.1	0.1

Manual Integrations
 APPROVED

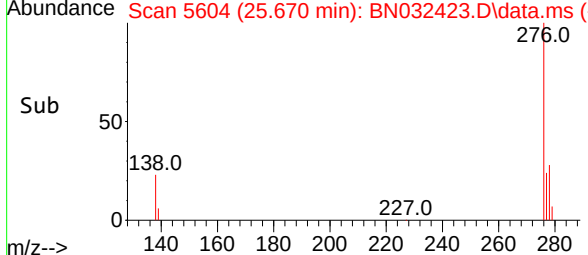
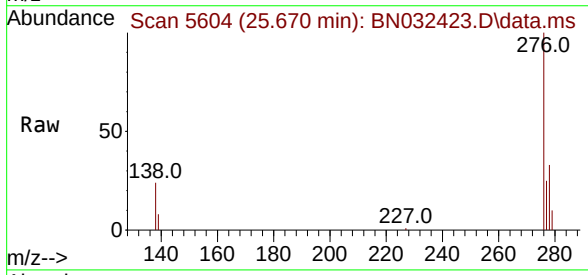
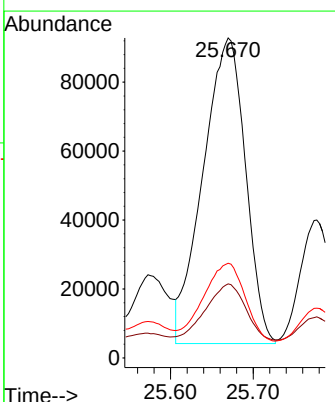
Reviewed By :Yogesh Patel 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024

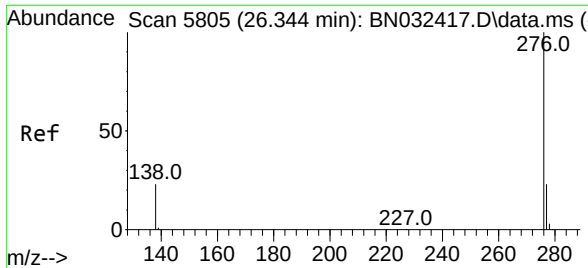


#28
 Dibenzo(a,h)anthracene
 Concen: 3.478 ng/ul m
 RT: 25.670 min Scan# 5604
 Delta R.T. 0.003 min
 Lab File: BN032423.D
 Acq: 03 Jul 2024 05:10

Tgt Ion: 278 Resp: 317142

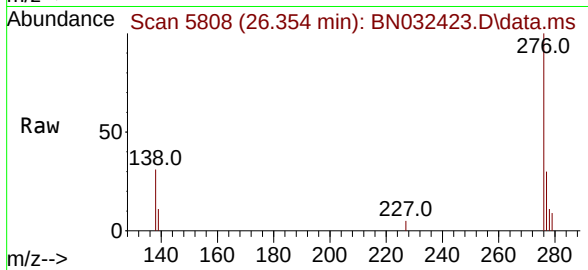
Ion	Ratio	Lower	Upper
278	100		
139	23.2	15.9	23.9
279	29.6	21.1	31.7





#29
 Benzo(g,h,i)perylene
 Concen: 1.239 ng/ul m
 RT: 26.354 min Scan# 5808
 Delta R.T. 0.010 min
 Lab File: BN032423.D
 Acq: 03 Jul 2024 05:10

Instrument :
 BNA_N
 ClientSampleId :
 A4CQ8



Tgt Ion:276 Resp: 12110
 Ion Ratio Lower Upper
 276 100
 138 30.7 19.8 29.6
 277 30.4 19.8 29.6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024

