

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032427.D
 Acq On : 03 Jul 2024 07:34
 Operator : MA/JU
 Sample : P2963-17
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CS8

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 03 08:01:50 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	7277	0.400	ng/ul	0.00
4) Naphthalene-d8	10.376	136	24011	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.248	164	14938	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.003	188	27916m	0.400	ng/ul	0.00
17) Chrysene-d12	21.211	240	16681m	0.400	ng/ul	0.00
23) Perylene-d12	23.430	264	19968m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	30097	3.721	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.977	152	10068	0.280	ng/ul	0.00
18) Fluoranthene-d10	19.045	212	17607m	0.351	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.426	128	32926	0.518	ng/ul	100
7) 2-Methylnaphthalene	12.054	142	14133	0.336	ng/ul	98
8) 1-Methylnaphthalene	12.273	142	8164	0.187	ng/ul	98
10) Acenaphthylene	13.971	152	64468	1.038	ng/ul	99
11) Acenaphthene	14.313	153	9690	0.201	ng/ul	98
12) Fluorene	15.308	166	14461	0.252	ng/ul#	98
15) Phenanthrene	17.045	178	319634m	4.176	ng/ul	
16) Anthracene	17.138	178	86899m	1.273	ng/ul	
19) Fluoranthene	19.073	202	572076m	9.006	ng/ul	
20) Pyrene	19.440	202	436504m	6.576	ng/ul	
21) Benzo(a)anthracene	21.194	228	262434m	4.359	ng/ul	
22) Chrysene	21.249	228	322574m	4.881	ng/ul	
24) Benzo(b)fluoranthene	22.766	252	424560m	4.894	ng/ul	
25) Benzo(k)fluoranthene	22.804	252	157923m	1.874	ng/ul	
26) Benzo(a)pyrene	23.333	252	151902m	2.517	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.666	276	169994m	1.799	ng/ul	
28) Dibenzo(a,h)anthracene	25.669	278	64039m	0.912	ng/ul	
29) Benzo(g,h,i)perylene	26.354	276	25078m	0.333	ng/ul	

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

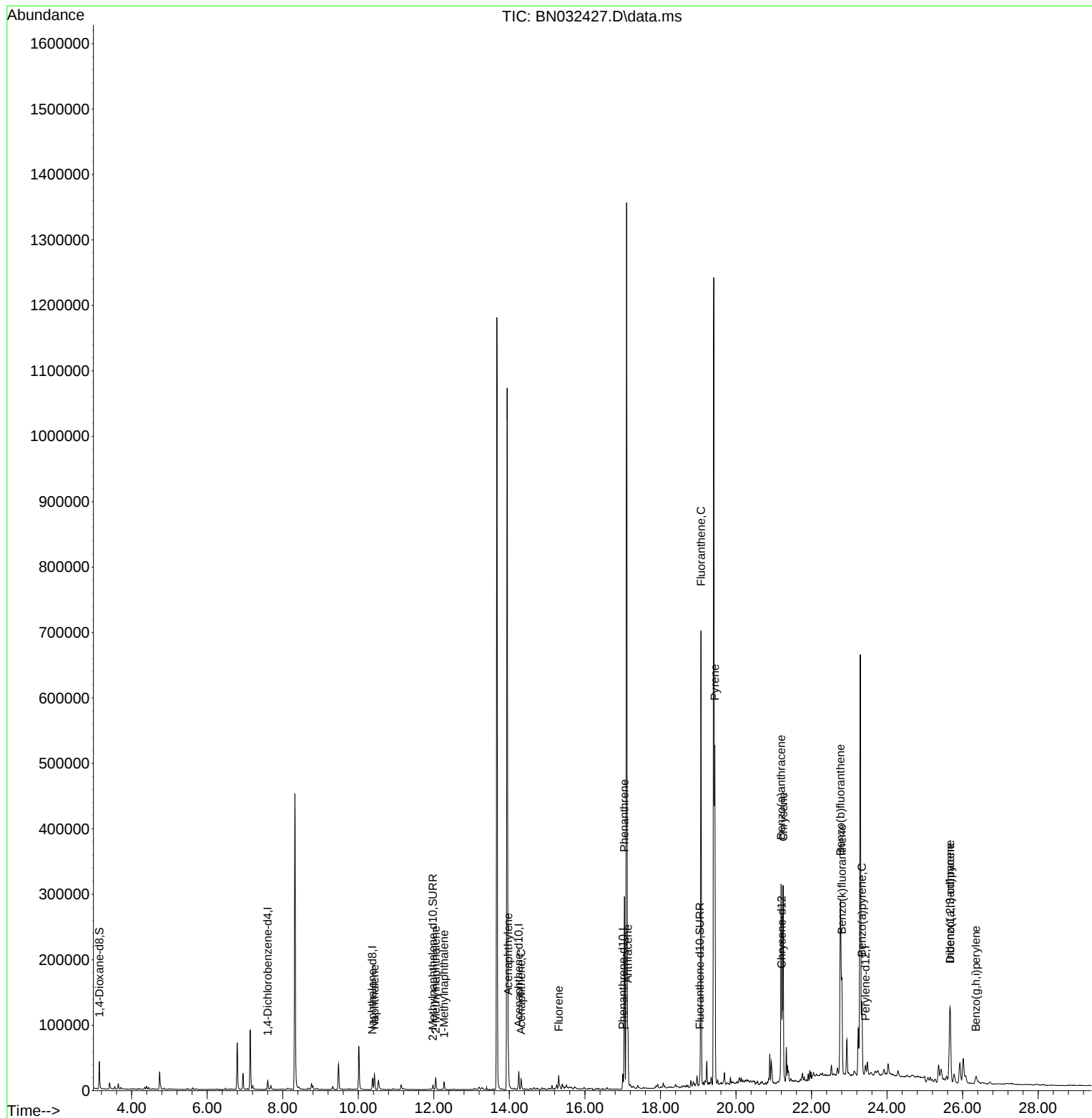
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
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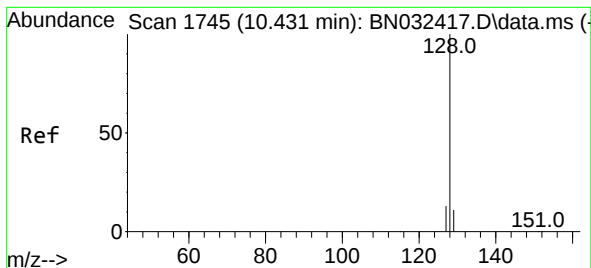
Instrument :
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A4CS8

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#5

Naphthalene

Concen: 0.518 ng/ul

RT: 10.426 min Scan# 1744

Delta R.T. -0.006 min

Lab File: BN032427.D

Acq: 03 Jul 2024 07:34

Instrument :

BNA_N

ClientSampleId :

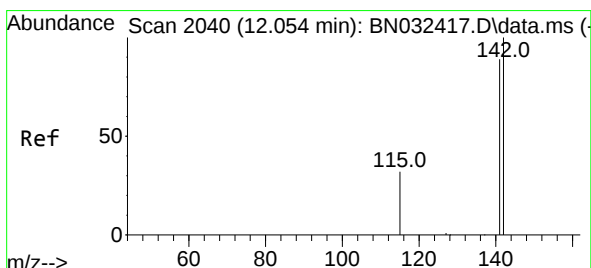
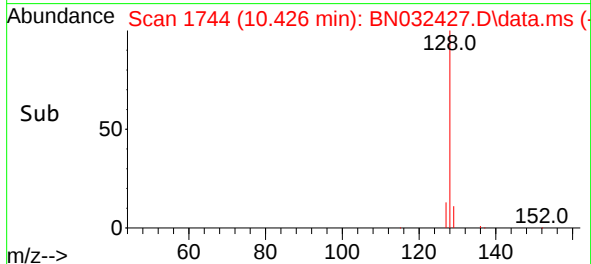
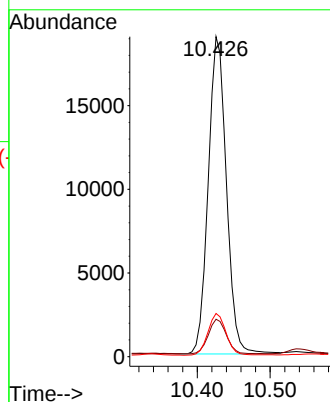
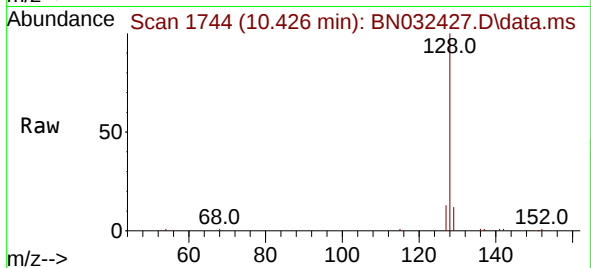
A4CS8

Tgt Ion:128 Resp: 32920
 Ion Ratio Lower Upper
 128 100
 129 11.7 9.2 13.8
 127 13.5 10.8 16.2

Manual Integrations

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 Supervised By :mohammad ahmed 07/04/2024



#7

2-Methylnaphthalene

Concen: 0.336 ng/ul

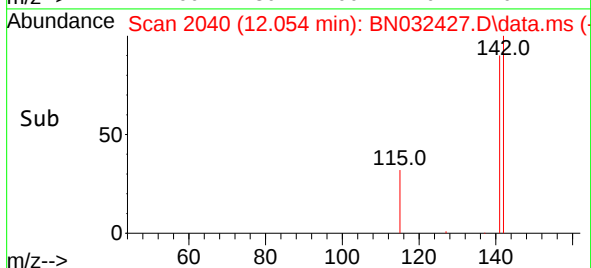
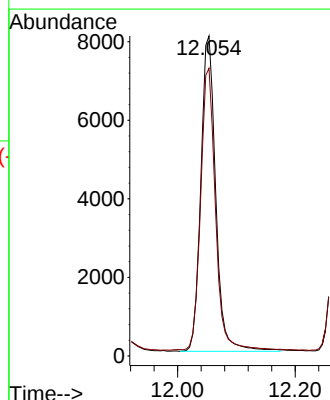
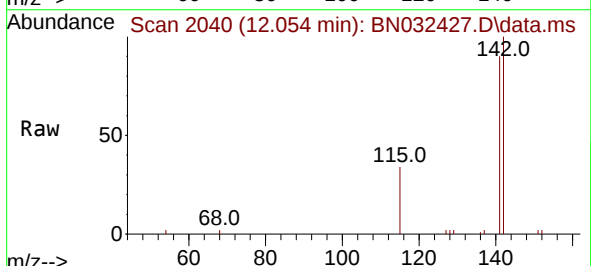
RT: 12.054 min Scan# 2040

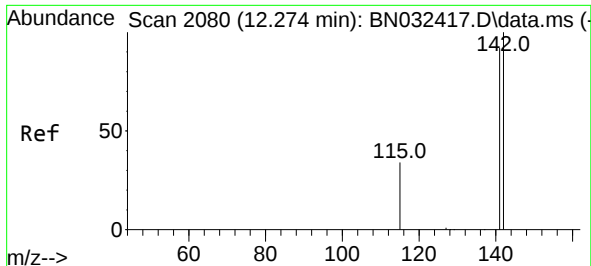
Delta R.T. -0.000 min

Lab File: BN032427.D

Acq: 03 Jul 2024 07:34

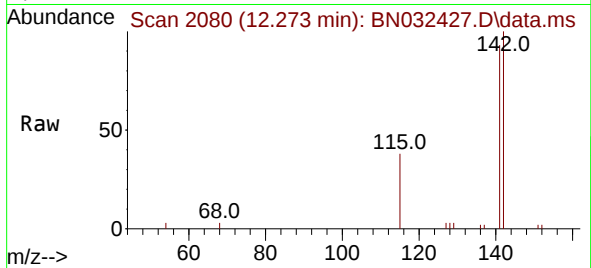
Tgt Ion:142 Resp: 14133
 Ion Ratio Lower Upper
 142 100
 141 88.7 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.187 ng/ul
RT: 12.273 min Scan# 2080
Delta R.T. -0.000 min
Lab File: BN032427.D
Acq: 03 Jul 2024 07:34

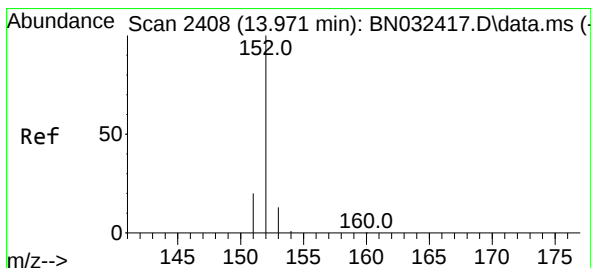
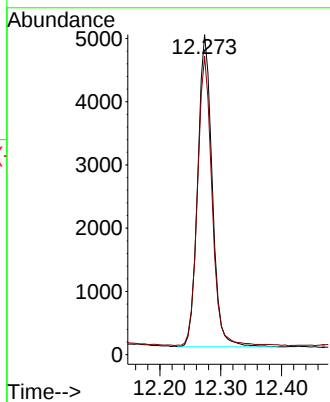
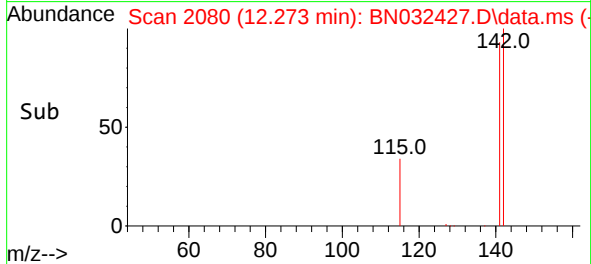
Instrument :
BNA_N
ClientSampleId :
A4CS8



Tgt Ion:142 Resp: 8164
Ion Ratio Lower Upper
142 100
141 93.2 73.4 110.0

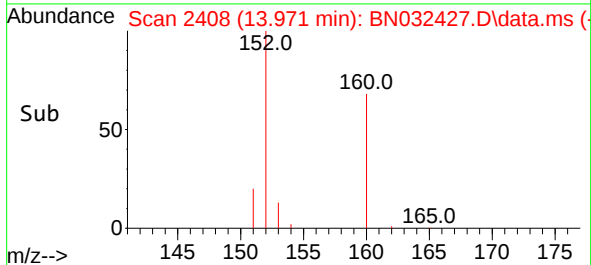
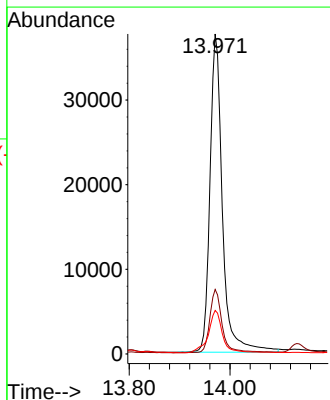
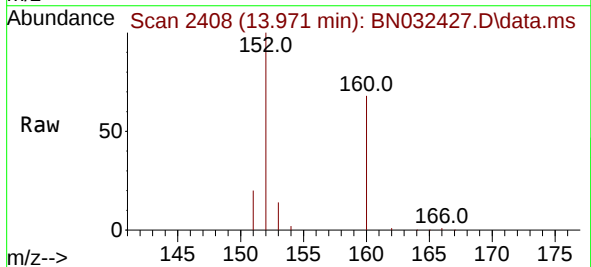
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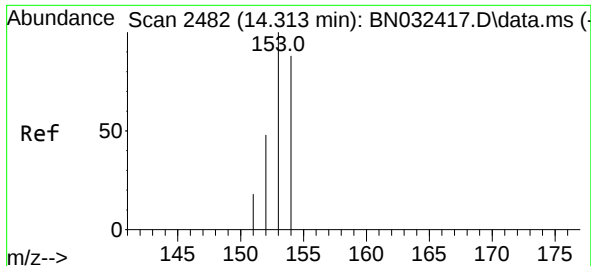
Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#10
Acenaphthylene
Concen: 1.038 ng/ul
RT: 13.971 min Scan# 2408
Delta R.T. -0.000 min
Lab File: BN032427.D
Acq: 03 Jul 2024 07:34

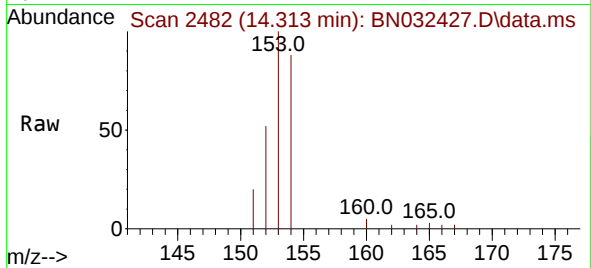
Tgt Ion:152 Resp: 64468
Ion Ratio Lower Upper
152 100
151 20.1 15.7 23.5
153 13.6 10.9 16.3





#11
Acenaphthene
Concen: 0.201 ng/ul
RT: 14.313 min Scan# 2482
Delta R.T. -0.000 min
Lab File: BN032427.D
Acq: 03 Jul 2024 07:34

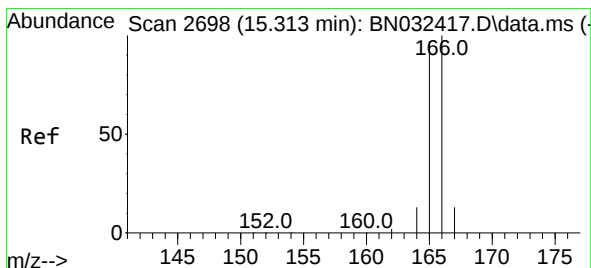
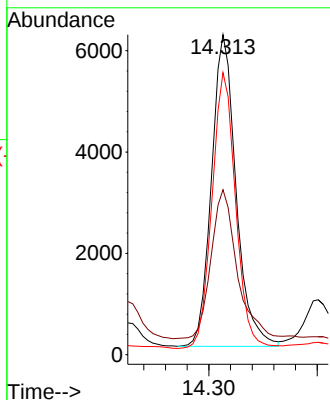
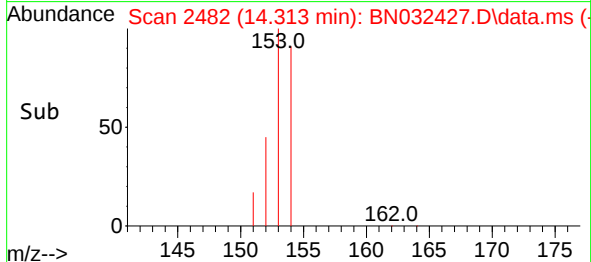
Instrument :
BNA_N
ClientSampleId :
A4CS8



Tgt Ion:153 Resp: 9690
Ion Ratio Lower Upper
153 100
152 51.5 39.5 59.3
154 88.1 71.7 107.5

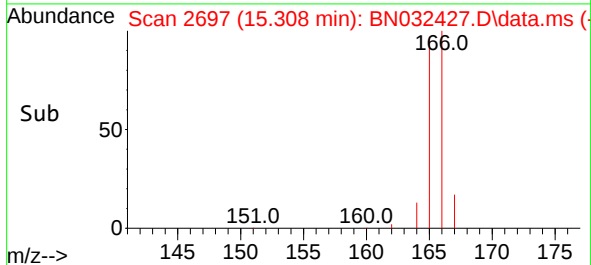
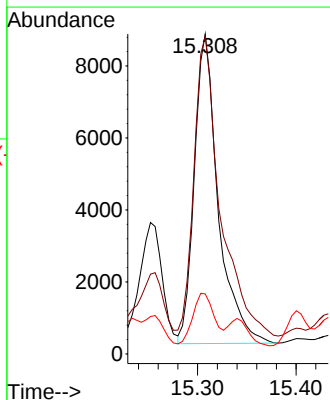
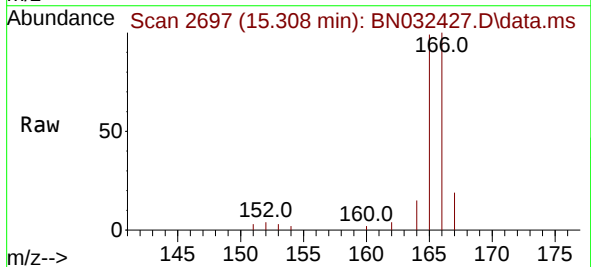
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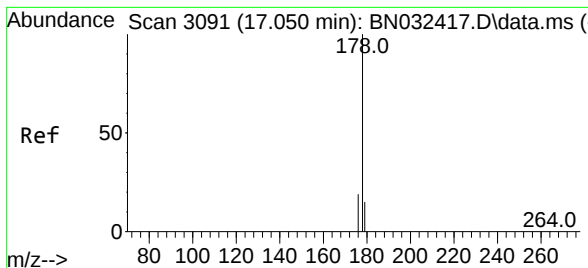
Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#12
Fluorene
Concen: 0.252 ng/ul
RT: 15.308 min Scan# 2697
Delta R.T. -0.005 min
Lab File: BN032427.D
Acq: 03 Jul 2024 07:34

Tgt Ion:166 Resp: 14461
Ion Ratio Lower Upper
166 100
165 99.4 79.0 118.6
167 18.8 11.0 16.6#





#15

Phenanthrene

Concen: 4.176 ng/ul m

RT: 17.045 min Scan# 3090

Delta R.T. -0.004 min

Lab File: BN032427.D

Acq: 03 Jul 2024 07:34

Instrument :

BNA_N

ClientSampleId :

A4CS8

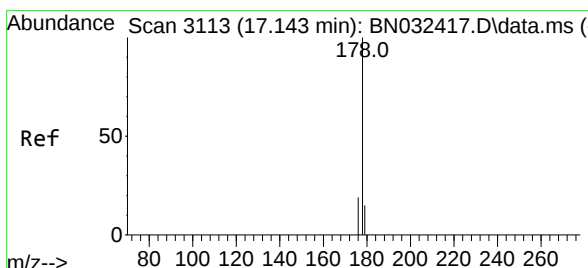
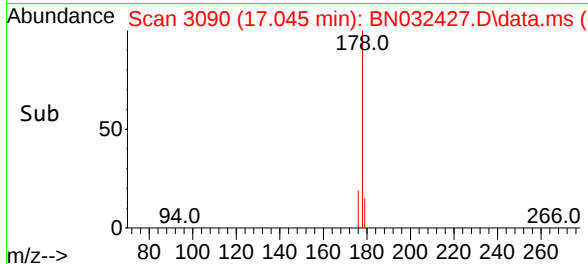
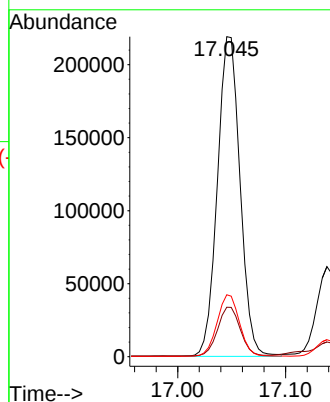
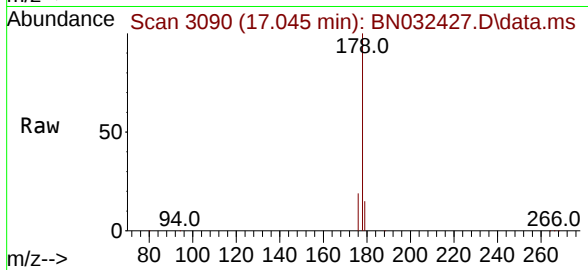
Tgt Ion:178 Resp: 319634

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	18.8
176	19.3	15.6	23.4

Manual Integrations

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Supervised By :mohammad ahmed 07/04/2024



#16

Anthracene

Concen: 1.273 ng/ul m

RT: 17.138 min Scan# 3112

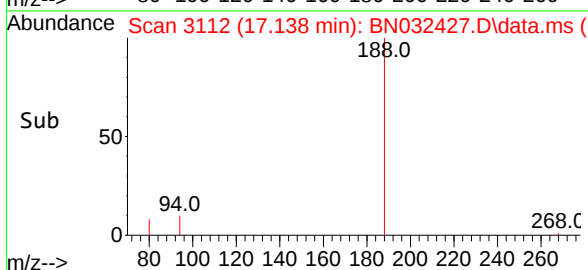
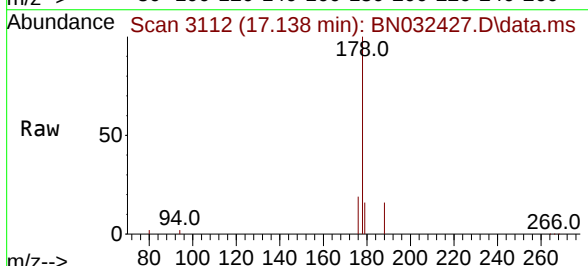
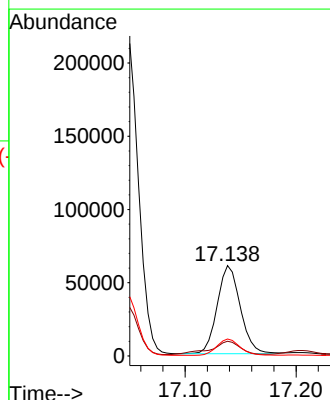
Delta R.T. -0.004 min

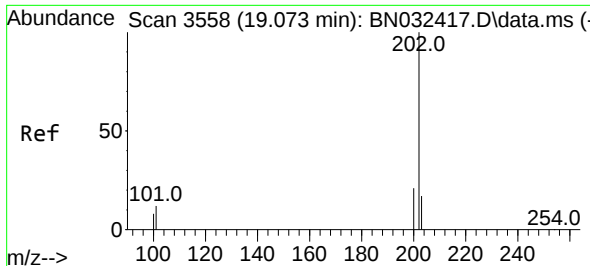
Lab File: BN032427.D

Acq: 03 Jul 2024 07:34

Tgt Ion:178 Resp: 86899

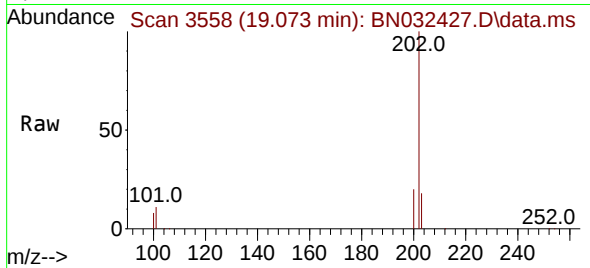
Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.5	18.7
176	18.8	15.0	22.6





#19
Fluoranthene
Concen: 9.006 ng/ul m
RT: 19.073 min Scan# 3558
Delta R.T. -0.000 min
Lab File: BN032427.D
Acq: 03 Jul 2024 07:34

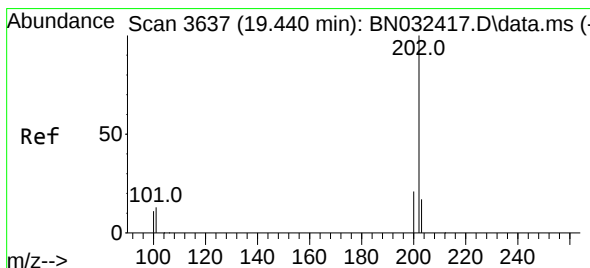
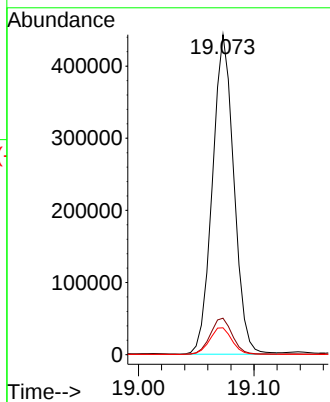
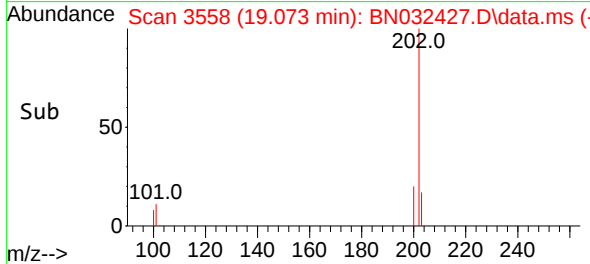
Instrument :
BNA_N
ClientSampleId :
A4CS8



Tgt Ion:202 Resp: 572070
Ion Ratio Lower Upper
202 100
101 11.4 8.8 13.2
100 8.4 6.4 9.6

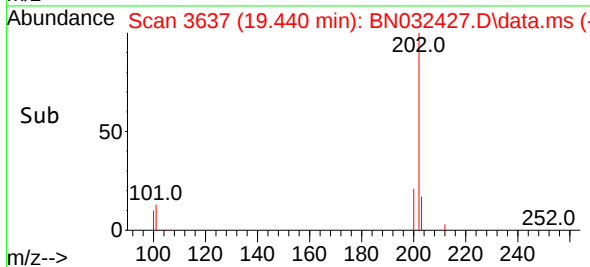
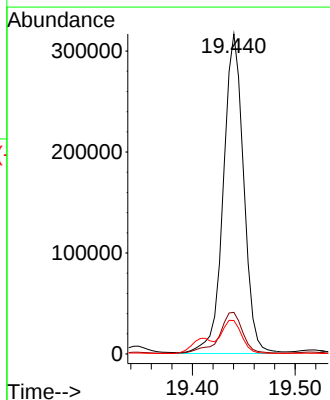
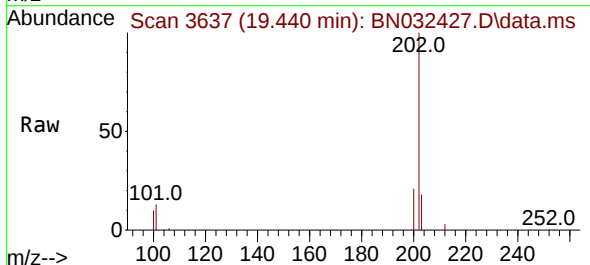
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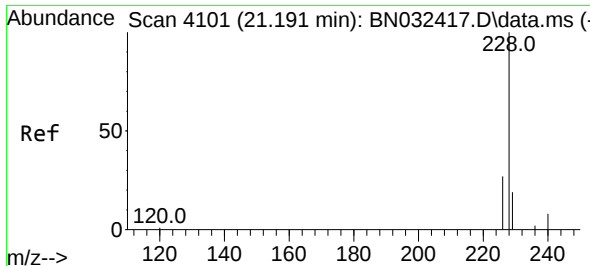
Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#20
Pyrene
Concen: 6.576 ng/ul m
RT: 19.440 min Scan# 3637
Delta R.T. -0.000 min
Lab File: BN032427.D
Acq: 03 Jul 2024 07:34

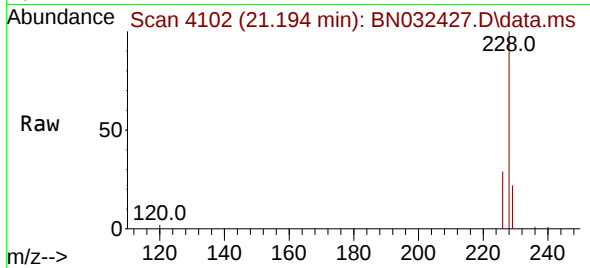
Tgt Ion:202 Resp: 436504
Ion Ratio Lower Upper
202 100
101 13.0 11.0 16.4
100 10.4 8.7 13.1





#21
Benzo(a)anthracene
Concen: 4.359 ng/ul m
RT: 21.194 min Scan# 4101
Delta R.T. 0.003 min
Lab File: BN032427.D
Acq: 03 Jul 2024 07:34

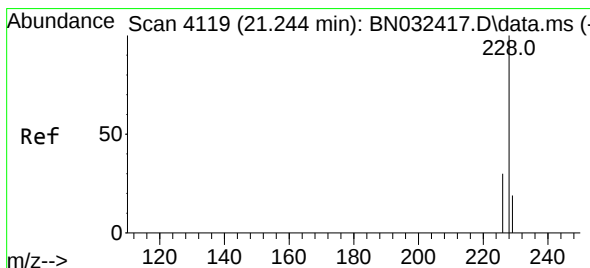
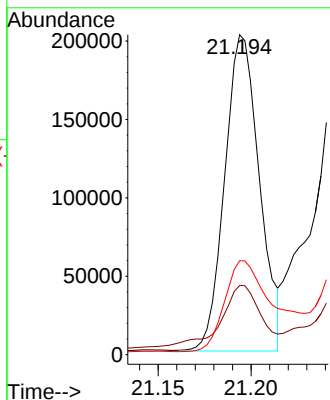
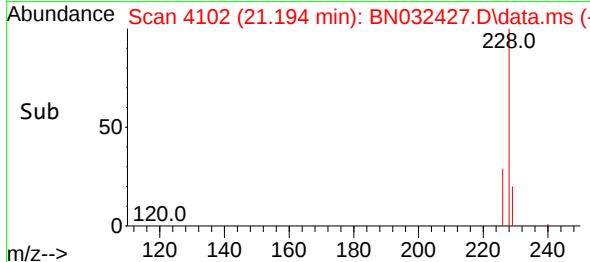
Instrument :
BNA_N
ClientSampleId :
A4CS8



Tgt Ion:228 Resp: 262434
Ion Ratio Lower Upper
228 100
229 21.7 15.7 23.5
226 29.4 21.8 32.8

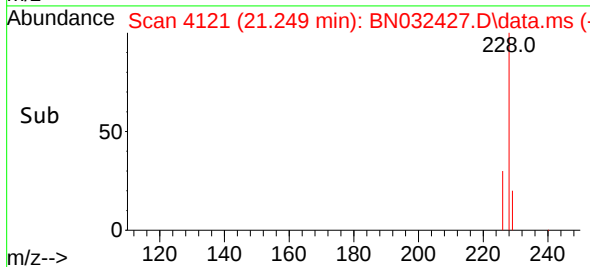
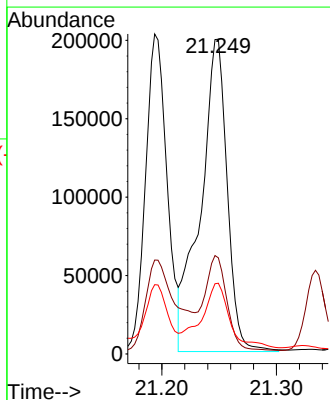
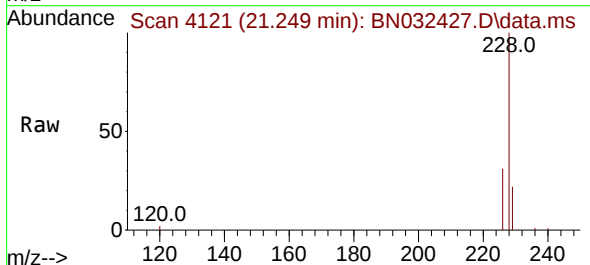
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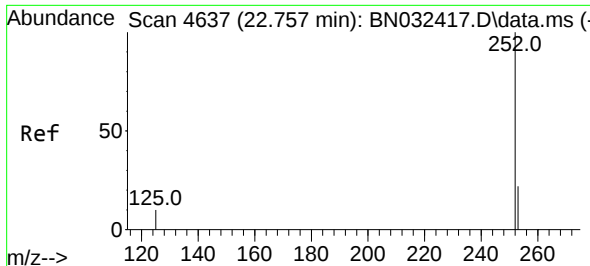
Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#22
Chrysene
Concen: 4.881 ng/ul m
RT: 21.249 min Scan# 4121
Delta R.T. 0.006 min
Lab File: BN032427.D
Acq: 03 Jul 2024 07:34

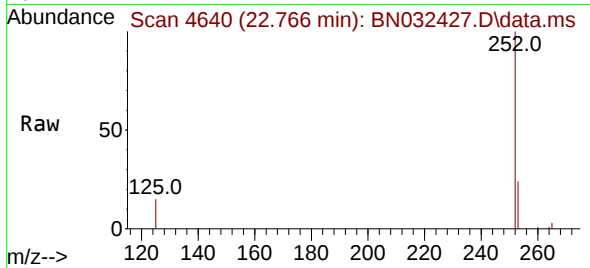
Tgt Ion:228 Resp: 322574
Ion Ratio Lower Upper
228 100
226 30.5 23.6 35.4
229 22.5 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 4.894 ng/ul m
RT: 22.766 min Scan# 4640
Delta R.T. 0.009 min
Lab File: BN032427.D
Acq: 03 Jul 2024 07:34

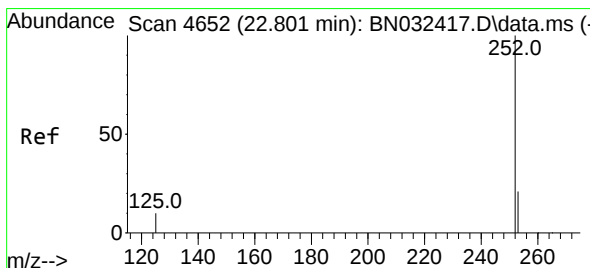
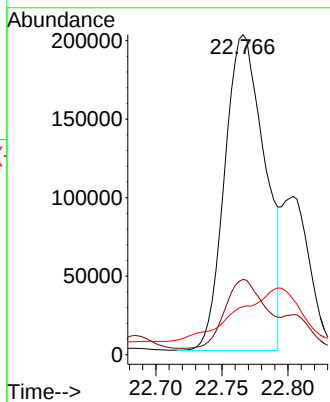
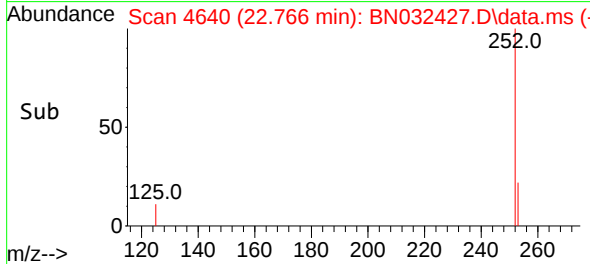
Instrument :
BNA_N
ClientSampleId :
A4CS8



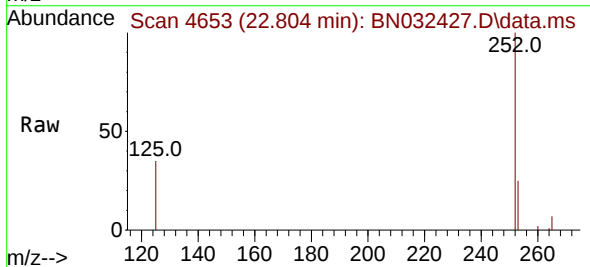
Tgt Ion:252 Resp: 424560
Ion Ratio Lower Upper
252 100
253 23.5 0.0 50.2
125 15.0 0.0 32.0

Manual Integrations
APPROVED

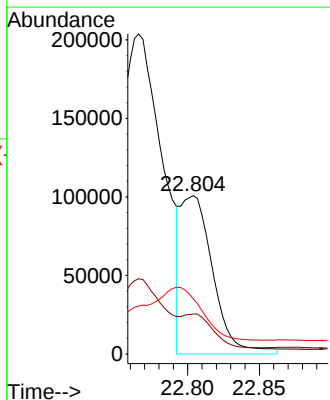
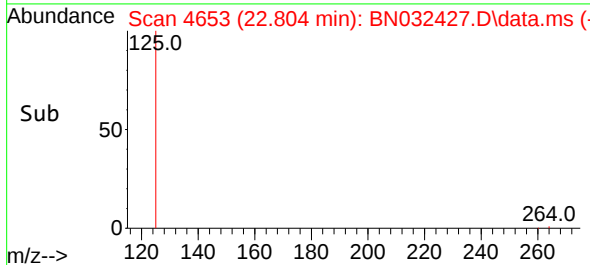
Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024

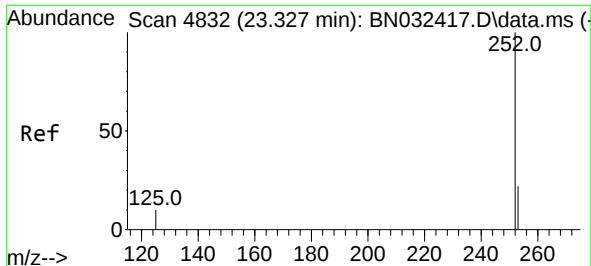


#25
Benzo(k)fluoranthene
Concen: 1.874 ng/ul m
RT: 22.804 min Scan# 4653
Delta R.T. 0.003 min
Lab File: BN032427.D
Acq: 03 Jul 2024 07:34



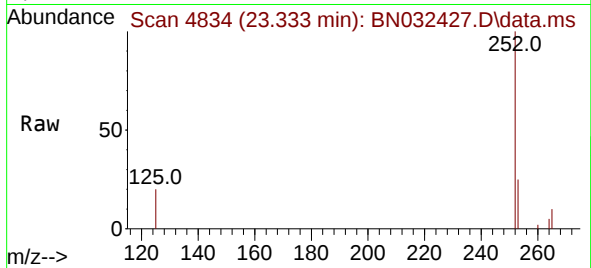
Tgt Ion:252 Resp: 157923
Ion Ratio Lower Upper
252 100
253 25.3 20.3 30.5
125 34.9 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 2.517 ng/ul m
RT: 23.333 min Scan# 4834
Delta R.T. 0.006 min
Lab File: BN032427.D
Acq: 03 Jul 2024 07:34

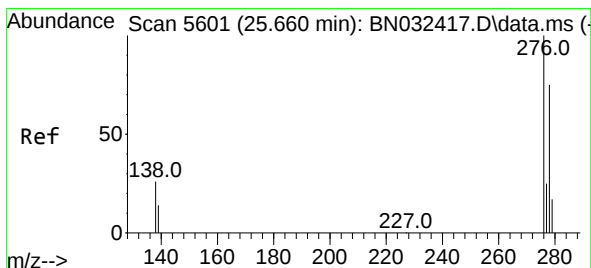
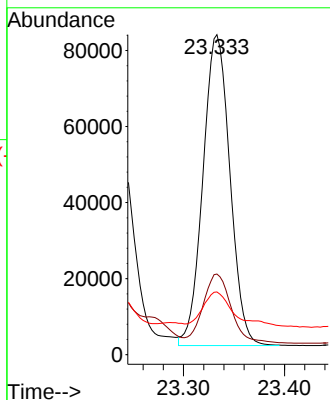
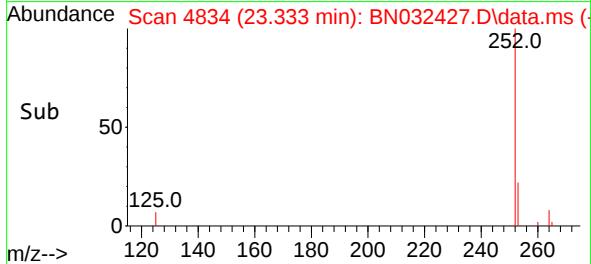
Instrument :
BNA_N
ClientSampleId :
A4CS8



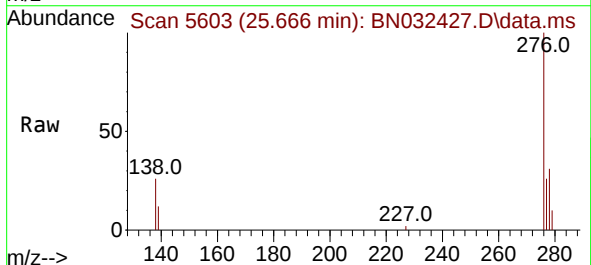
Tgt Ion:252 Resp: 15190
Ion Ratio Lower Upper
252 100
253 25.2 22.2 33.2
125 19.6 16.4 24.6

Manual Integrations
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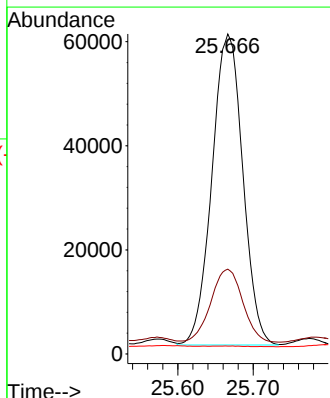
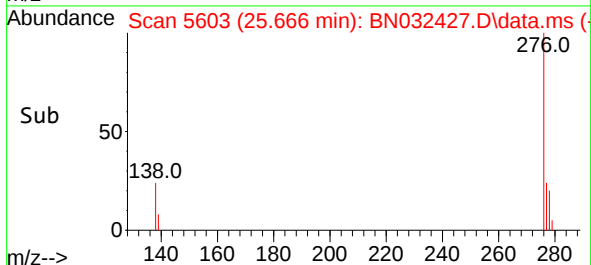
Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024

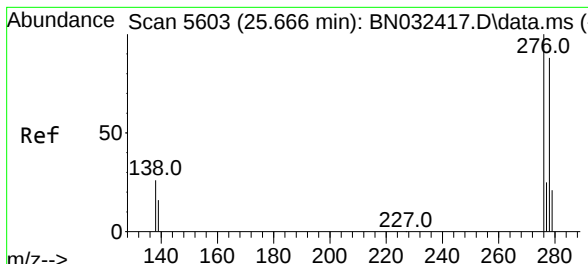


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.799 ng/ul m
RT: 25.666 min Scan# 5603
Delta R.T. 0.007 min
Lab File: BN032427.D
Acq: 03 Jul 2024 07:34



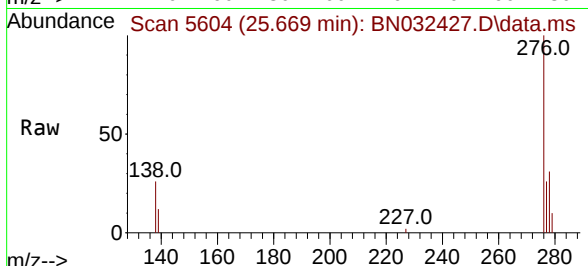
Tgt Ion:276 Resp: 169994
Ion Ratio Lower Upper
276 100
138 4.3 21.3 31.9#
227 0.1 0.1 0.1





#28
 Dibenzo(a,h)anthracene
 Concen: 0.912 ng/ul m
 RT: 25.669 min Scan# 5603
 Delta R.T. 0.003 min
 Lab File: BN032427.D
 Acq: 03 Jul 2024 07:34

Instrument :
 BNA_N
 ClientSampleId :
 A4CS8

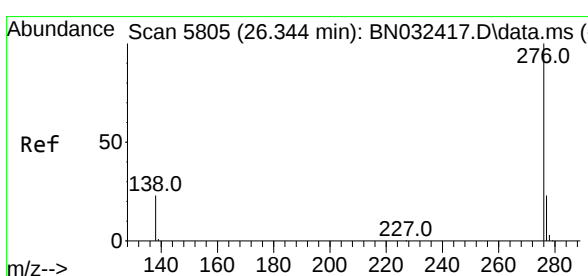
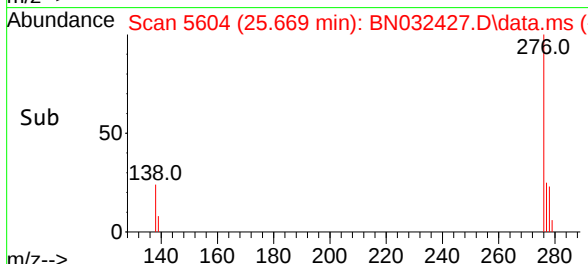
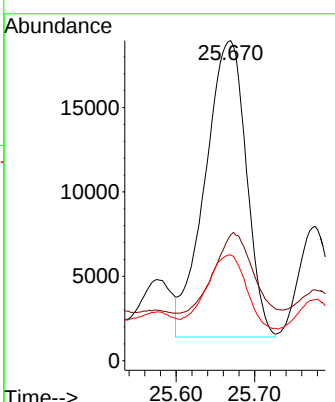


Tgt Ion: 278 Resp: 64039

Ion	Ratio	Lower	Upper
278	100		
139	39.3	15.9	23.9
279	33.1	21.1	31.7

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024



#29
 Benzo(g,h,i)perylene
 Concen: 0.333 ng/ul m
 RT: 26.354 min Scan# 5808
 Delta R.T. 0.010 min
 Lab File: BN032427.D
 Acq: 03 Jul 2024 07:34

Tgt Ion: 276 Resp: 25078

Ion	Ratio	Lower	Upper
276	100		
138	39.8	19.8	29.6
277	36.3	19.8	29.6

