

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
 Data File : BN026103.D
 Acq On : 29 Jun 2023 20:20
 Operator : MA/JU
 Sample : 03143-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFU6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023

Quant Time: Jun 30 00:45:27 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 22:47:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.967	152	7145	0.400	ng/ul	0.00
4) Naphthalene-d8	10.776	136	23686	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.603	164	14335	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.352	188	29182	0.400	ng/ul	0.00
17) Chrysene-d12	21.536	240	15846	0.400	ng/ul	# 0.00
23) Perylene-d12	24.003	264	16034	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	19808	2.462	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.365	152	6619	0.182	ng/ul	0.00
18) Fluoranthene-d10	19.378	212	13337	0.221	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.825	128	7002	0.103	ng/ul#	95
7) 2-Methylnaphthalene	12.436	142	4294	0.099	ng/ul	100
8) 1-Methylnaphthalene	12.656	142	3037	0.068	ng/ul	99
10) Acenaphthylene	14.326	152	5471	0.082	ng/ul#	92
11) Acenaphthene	14.668	153	2678	0.049	ng/ul	97
12) Fluorene	15.654	166	2531	0.040	ng/ul#	93
15) Phenanthrene	17.394	178	64449	0.669	ng/ul	100
16) Anthracene	17.483	178	10078	0.118	ng/ul#	93
19) Fluoranthene	19.411	202	169444	2.002	ng/ul	98
20) Pyrene	19.769	202	134450m	1.527	ng/ul	
21) Benzo(a)anthracene	21.518	228	61940	0.948	ng/ul	97
22) Chrysene	21.574	228	77497	1.139	ng/ul	97
24) Benzo(b)fluoranthene	23.248	252	116721m	1.706	ng/ul	
25) Benzo(k)fluoranthene	23.292	252	38205m	0.556	ng/ul	
26) Benzo(a)pyrene	23.894	252	70620	1.188	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.578	276	64289	0.990	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.589	278	14618	0.298	ng/ul#	86
29) Benzo(g,h,i)perylene	27.380	276	62463	1.082	ng/ul	97

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

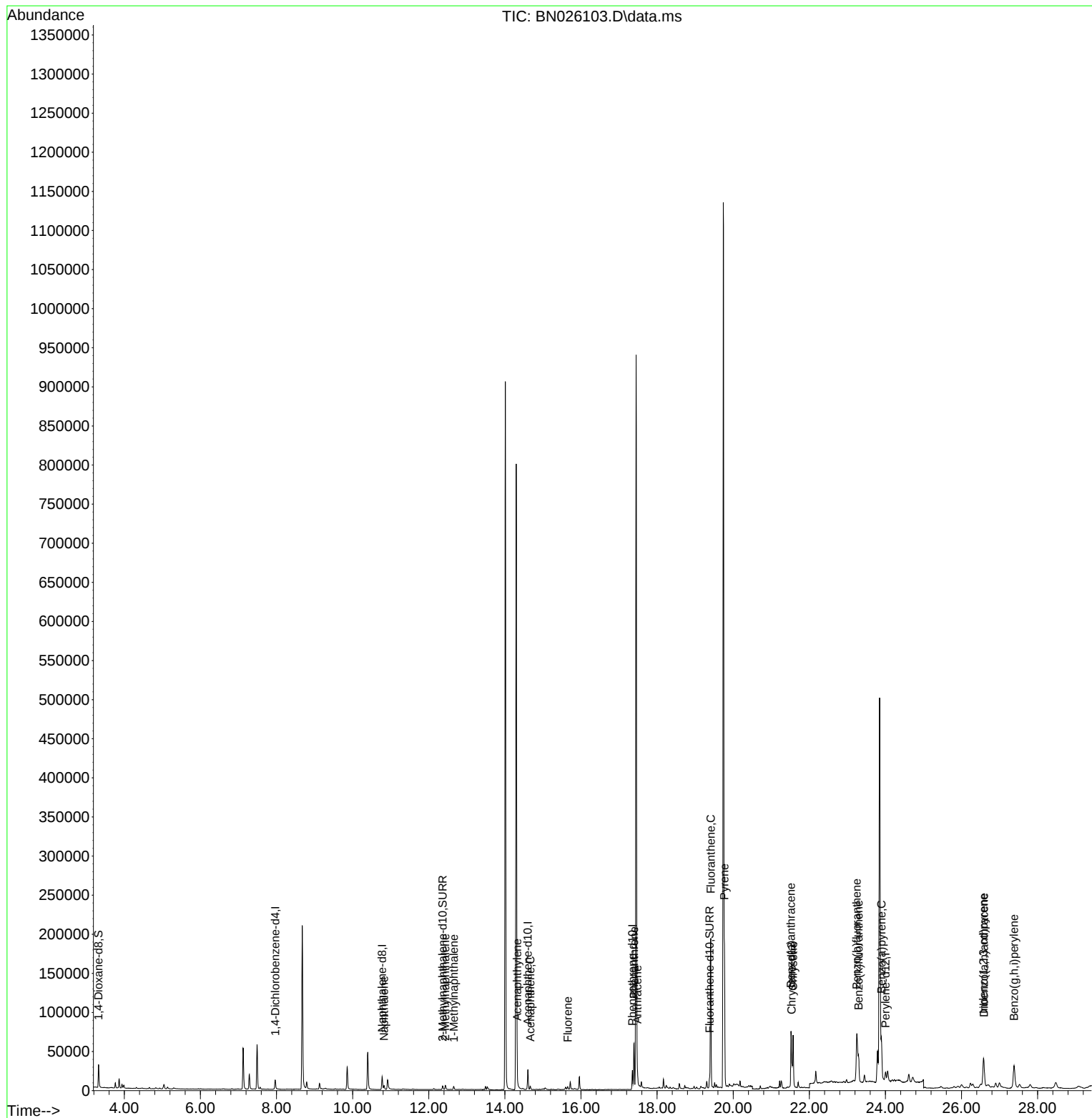
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
Data File : BN026103.D
Acq On : 29 Jun 2023 20:20
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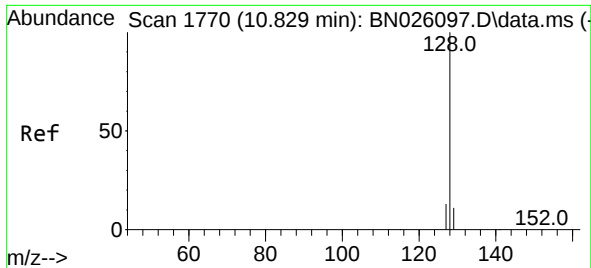
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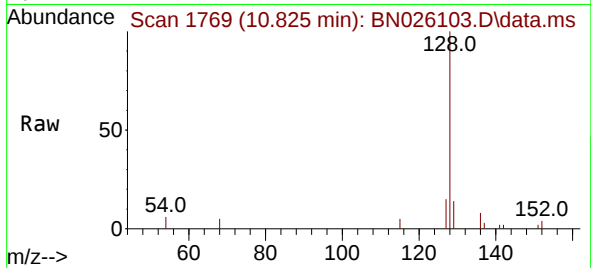
Quant Time: Jun 30 00:45:27 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 22:47:20 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.103 ng/ul
RT: 10.825 min Scan# 1769
Delta R.T. -0.011 min
Lab File: BN026103.D
Acq: 29 Jun 2023 20:20

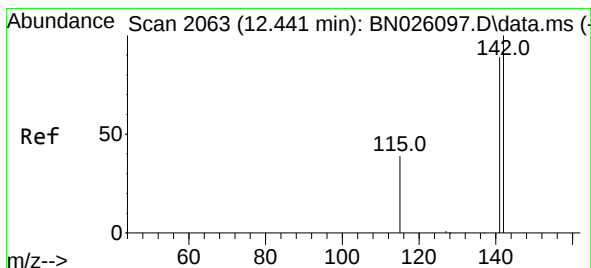
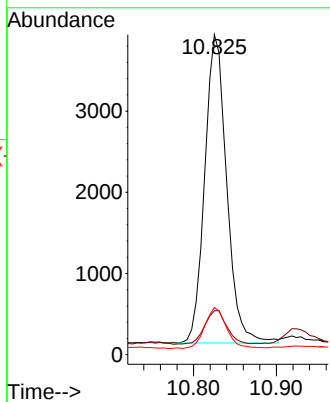
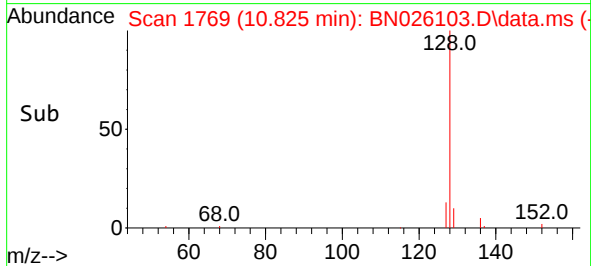
Instrument :
BNA_N
ClientSampleId :
DCFU6



Tgt Ion:128 Resp: 7002
Ion Ratio Lower Upper
128 100
129 13.7 9.1 13.7
127 14.8 10.7 16.1

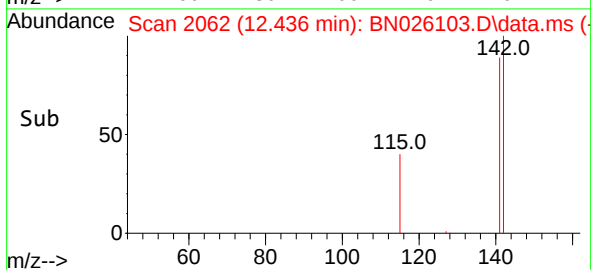
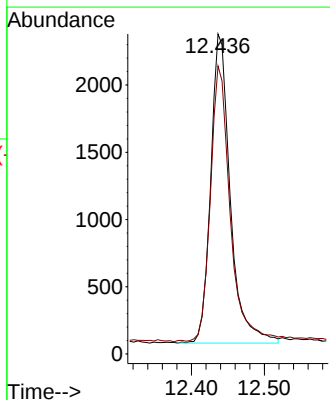
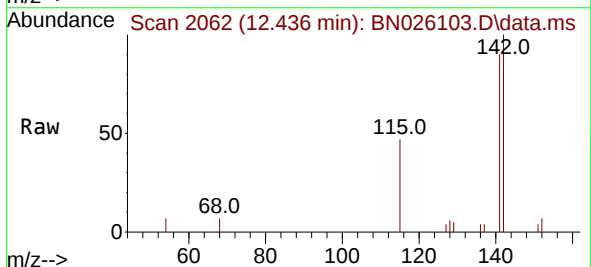
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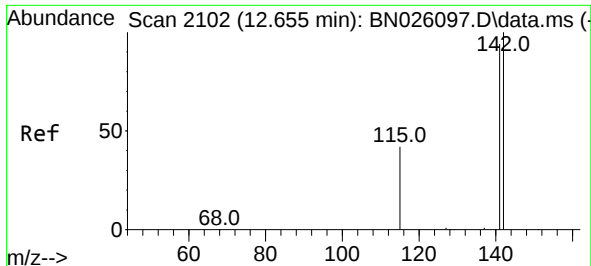
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#7
2-Methylnaphthalene
Concen: 0.099 ng/ul
RT: 12.436 min Scan# 2062
Delta R.T. -0.011 min
Lab File: BN026103.D
Acq: 29 Jun 2023 20:20

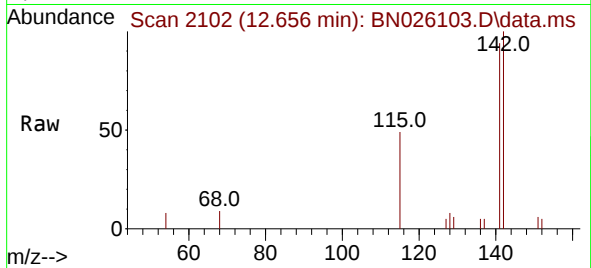
Tgt Ion:142 Resp: 4294
Ion Ratio Lower Upper
142 100
141 90.3 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.068 ng/ul
RT: 12.656 min Scan# 2102
Delta R.T. -0.005 min
Lab File: BN026103.D
Acq: 29 Jun 2023 20:20

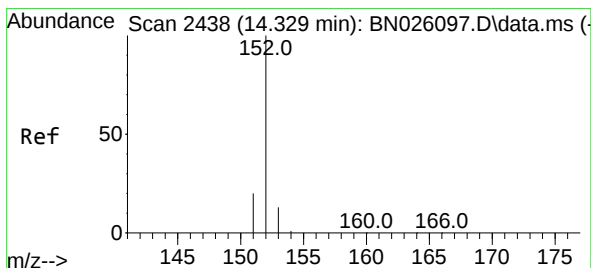
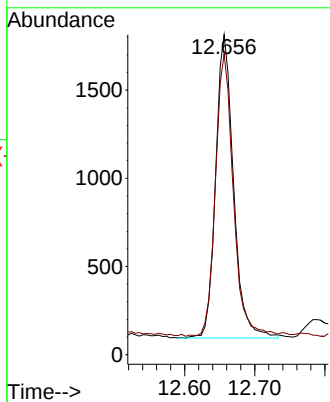
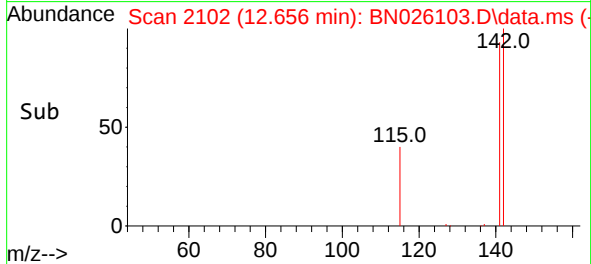
Instrument :
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ClientSampleId :
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Tgt Ion:142 Resp: 303
Ion Ratio Lower Upper
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141 91.9 74.2 111.4

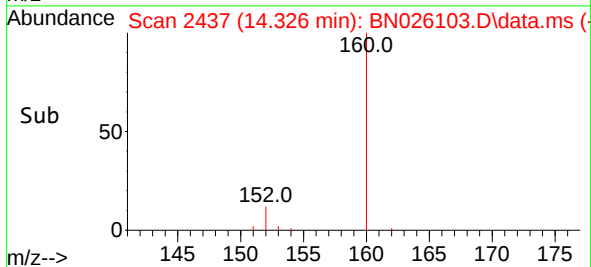
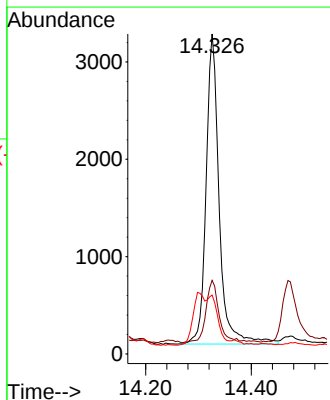
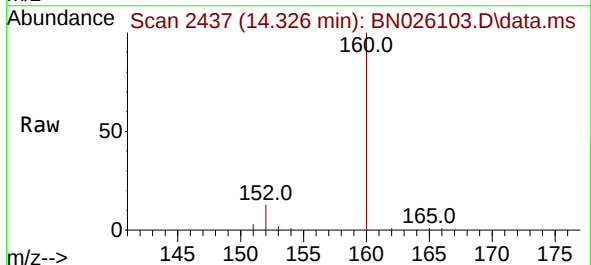
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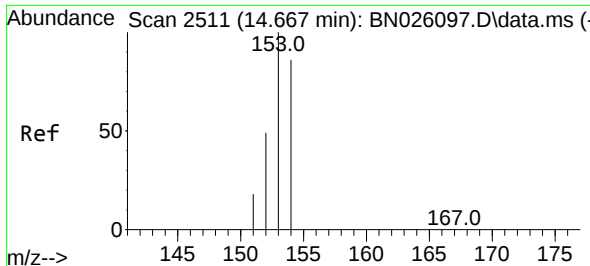
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#10
Acenaphthylene
Concen: 0.082 ng/ul
RT: 14.326 min Scan# 2437
Delta R.T. -0.004 min
Lab File: BN026103.D
Acq: 29 Jun 2023 20:20

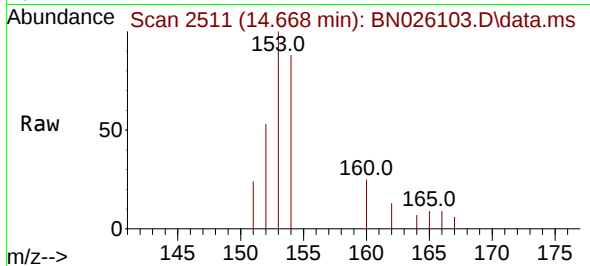
Tgt Ion:152 Resp: 5471
Ion Ratio Lower Upper
152 100
151 23.0 16.2 24.4
153 18.4 10.9 16.3#





#11
Acenaphthene
Concen: 0.049 ng/u1
RT: 14.668 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN026103.D
Acq: 29 Jun 2023 20:20

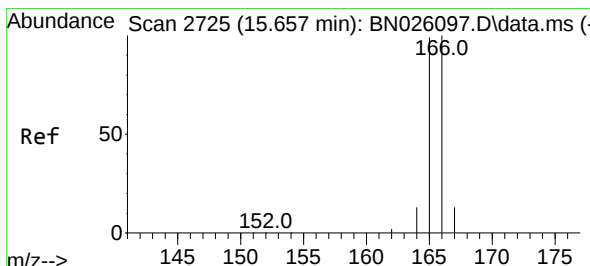
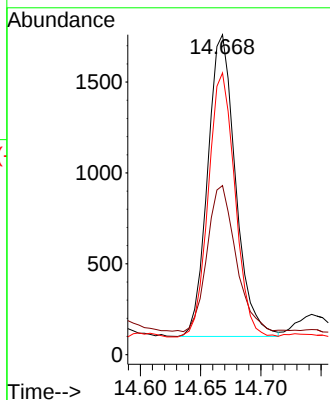
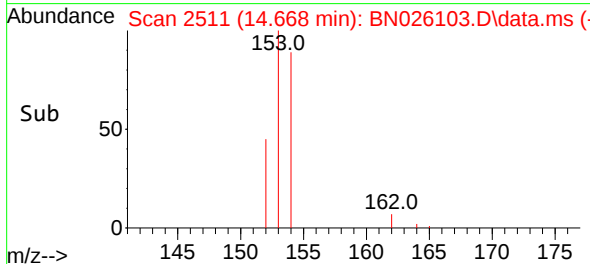
Instrument :
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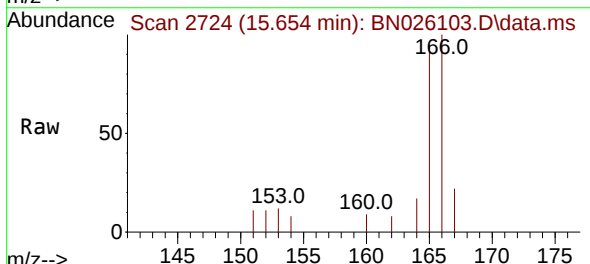
Tgt Ion:153 Resp: 2678
Ion Ratio Lower Upper
153 100
152 52.9 39.4 59.0
154 88.1 68.9 103.3

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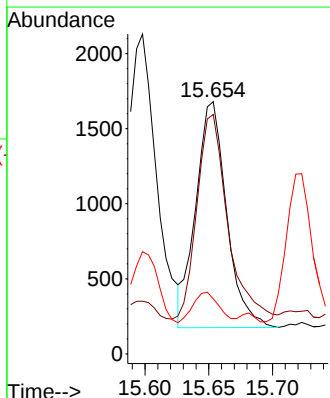
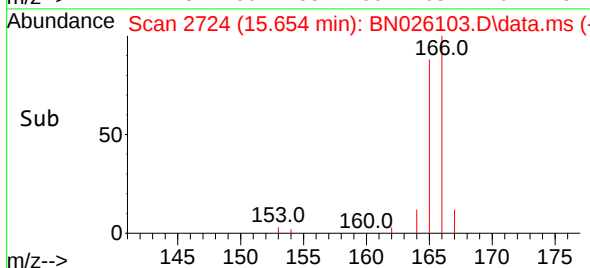
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

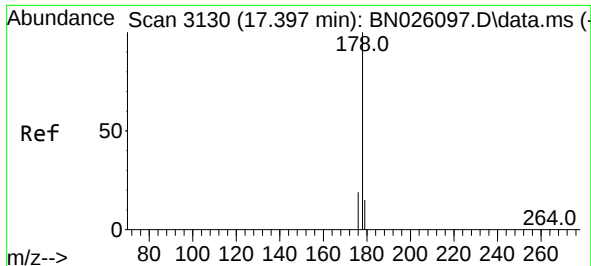


#12
Fluorene
Concen: 0.040 ng/u1
RT: 15.654 min Scan# 2724
Delta R.T. -0.008 min
Lab File: BN026103.D
Acq: 29 Jun 2023 20:20



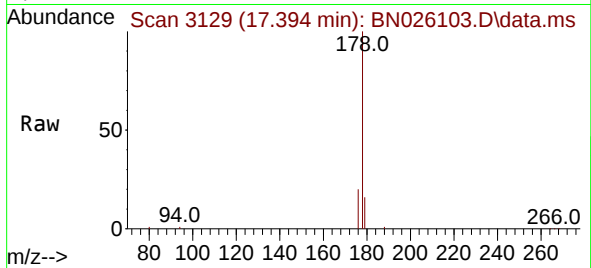
Tgt Ion:166 Resp: 2531
Ion Ratio Lower Upper
166 100
165 94.9 79.9 119.9
167 21.9 10.8 16.2#





#15
Phenanthrene
Concen: 0.669 ng/ul
RT: 17.394 min Scan# 3129
Delta R.T. -0.008 min
Lab File: BN026103.D
Acq: 29 Jun 2023 20:20

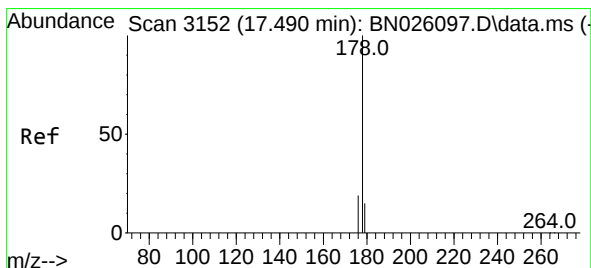
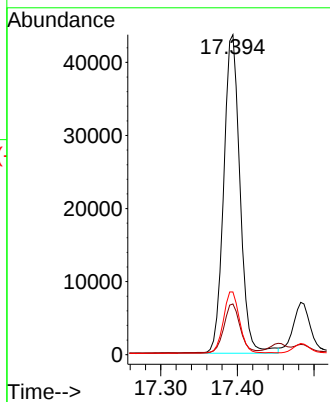
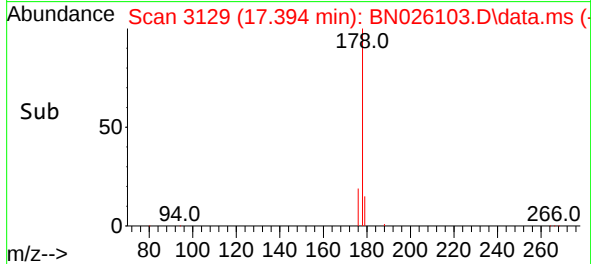
Instrument :
BNA_N
ClientSampleId :
DCFU6



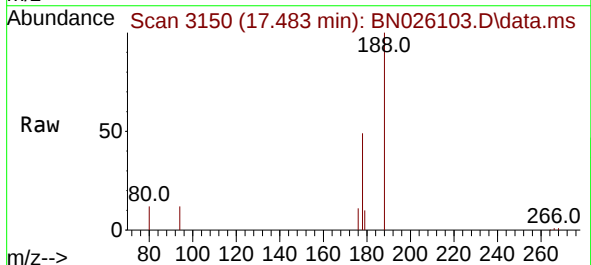
Tgt Ion:178 Resp: 64449
Ion Ratio Lower Upper
178 100
179 15.9 12.6 19.0
176 19.6 15.8 23.6

Manual Integrations
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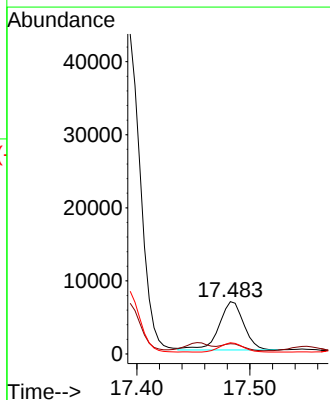
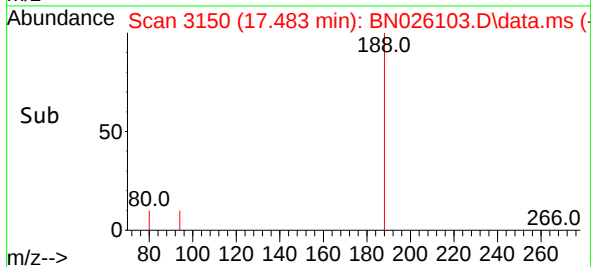
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

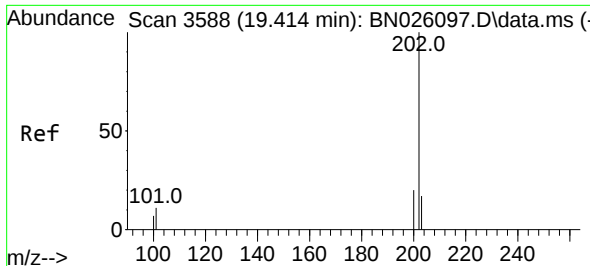


#16
Anthracene
Concen: 0.118 ng/ul
RT: 17.483 min Scan# 3150
Delta R.T. -0.012 min
Lab File: BN026103.D
Acq: 29 Jun 2023 20:20



Tgt Ion:178 Resp: 10078
Ion Ratio Lower Upper
178 100
179 19.5 12.6 18.8#
176 21.5 15.1 22.7





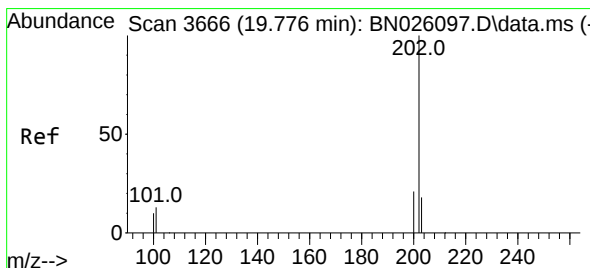
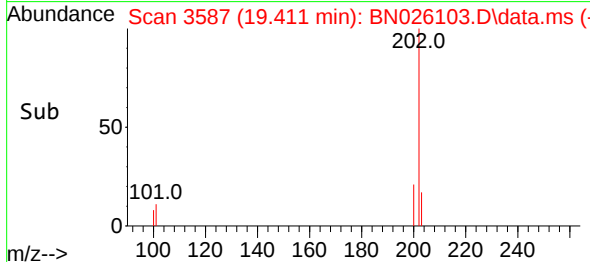
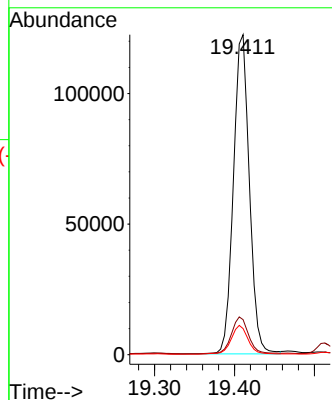
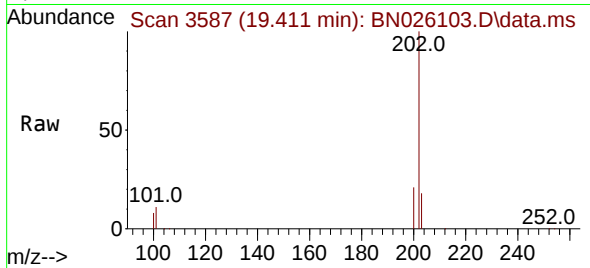
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Fluoranthene
Concen: 2.002 ng/ul
RT: 19.411 min Scan# 3587
Delta R.T. -0.004 min
Lab File: BN026103.D
Acq: 29 Jun 2023 20:20

Instrument :
BNA_N
ClientSampleId :
DCFU6

Tgt Ion:202 Resp: 16944
Ion Ratio Lower Upper
202 100
101 11.0 9.5 14.3
100 8.2 7.3 10.9

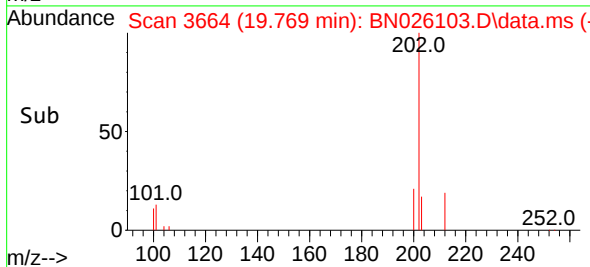
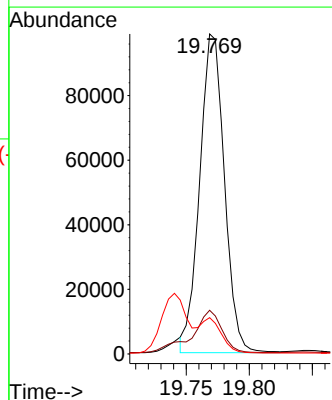
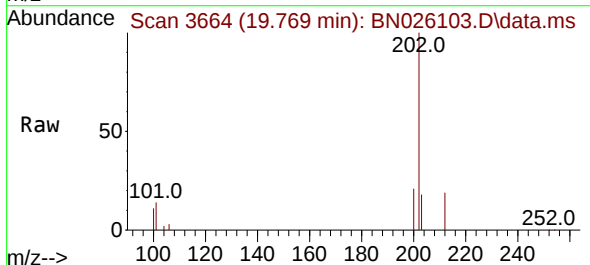
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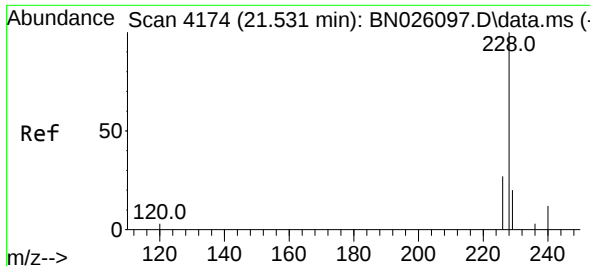
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#20
Pyrene
Concen: 1.527 ng/ul m
RT: 19.769 min Scan# 3664
Delta R.T. -0.008 min
Lab File: BN026103.D
Acq: 29 Jun 2023 20:20

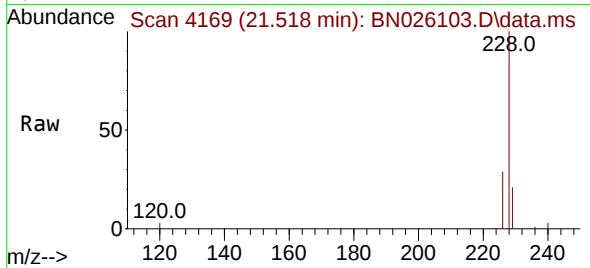
Tgt Ion:202 Resp: 134450
Ion Ratio Lower Upper
202 100
101 13.6 11.4 17.0
100 11.3 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.948 ng/ul
RT: 21.518 min Scan# 4169
Delta R.T. -0.011 min
Lab File: BN026103.D
Acq: 29 Jun 2023 20:20

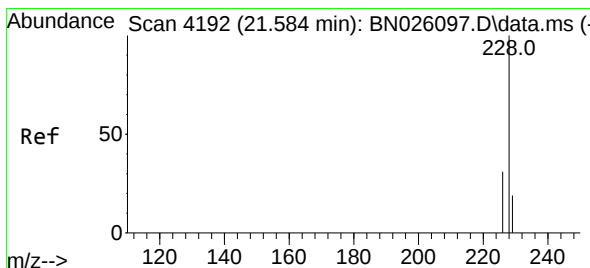
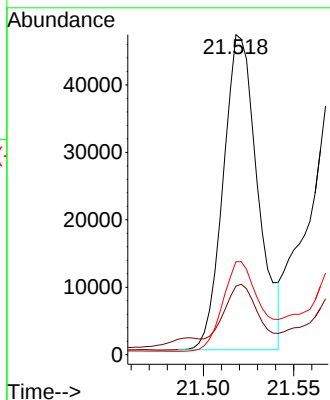
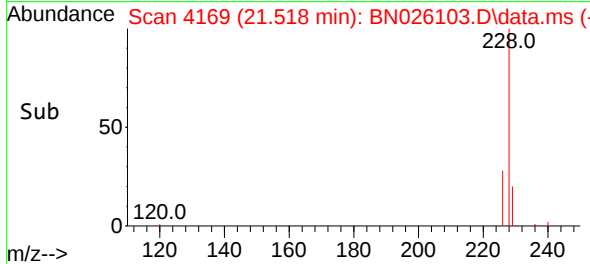
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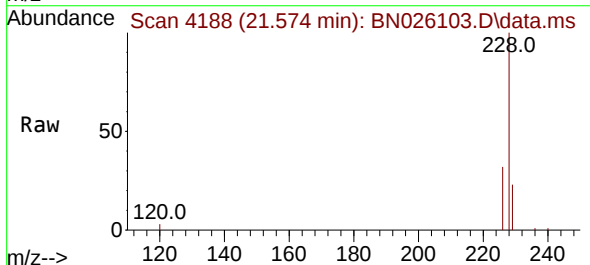
Tgt Ion:228 Resp: 61940
Ion Ratio Lower Upper
228 100
229 21.5 15.8 23.6
226 29.0 22.5 33.7

Manual Integrations
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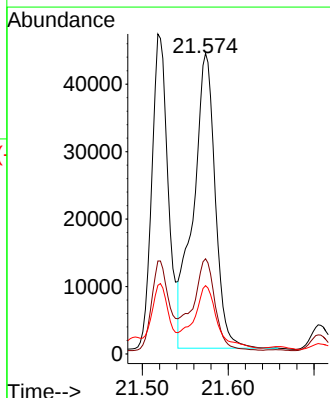
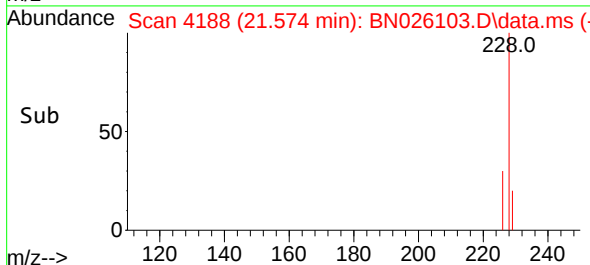
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

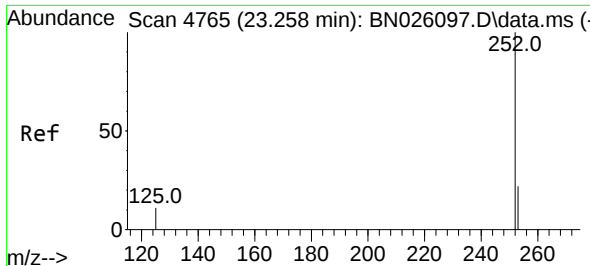


#22
Chrysene
Concen: 1.139 ng/ul
RT: 21.574 min Scan# 4188
Delta R.T. -0.005 min
Lab File: BN026103.D
Acq: 29 Jun 2023 20:20



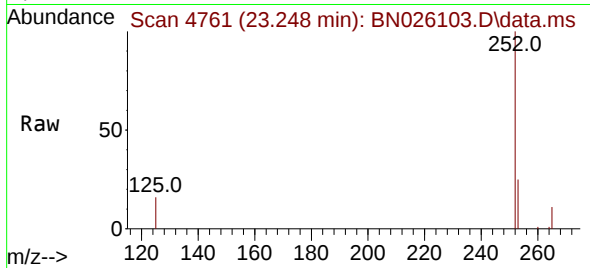
Tgt Ion:228 Resp: 77497
Ion Ratio Lower Upper
228 100
226 31.7 24.8 37.2
229 22.7 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 1.706 ng/ul m
RT: 23.248 min Scan# 4761
Delta R.T. -0.005 min
Lab File: BN026103.D
Acq: 29 Jun 2023 20:20

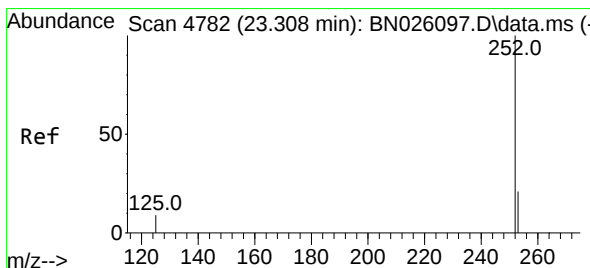
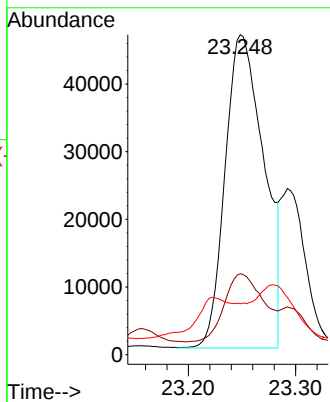
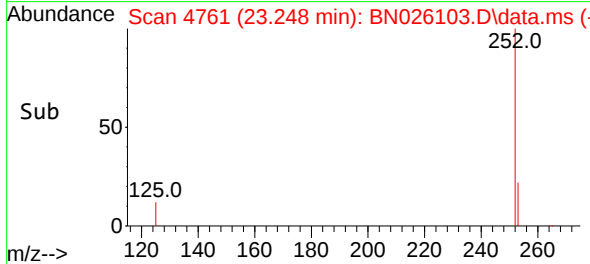
Instrument :
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ClientSampleId :
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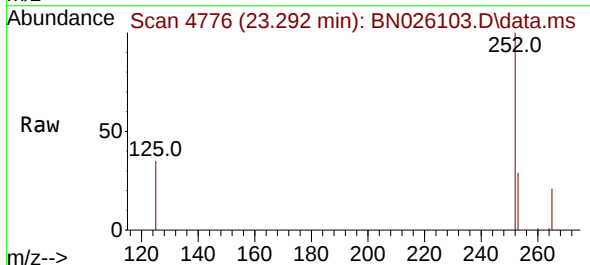
Tgt Ion:252 Resp: 11672
Ion Ratio Lower Upper
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253 25.3 0.0 55.6
125 15.9 0.0 35.8

Manual Integrations
APPROVED

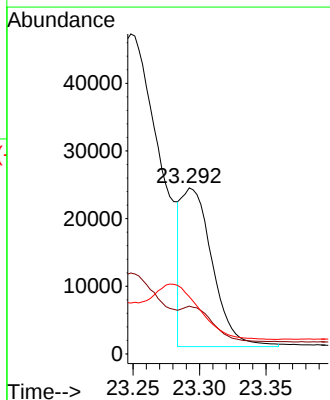
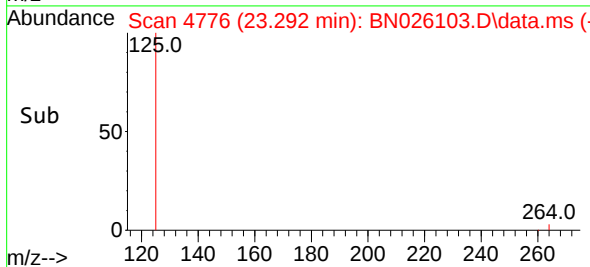
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

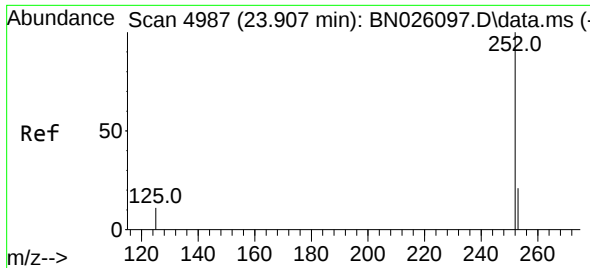


#25
Benzo(k)fluoranthene
Concen: 0.556 ng/ul m
RT: 23.292 min Scan# 4776
Delta R.T. -0.011 min
Lab File: BN026103.D
Acq: 29 Jun 2023 20:20



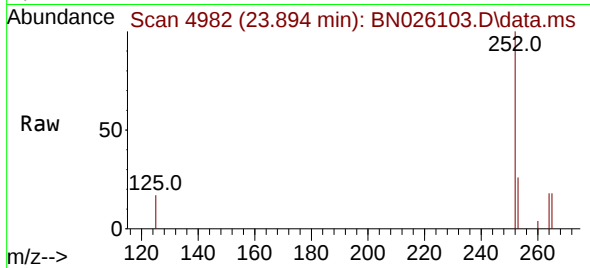
Tgt Ion:252 Resp: 38205
Ion Ratio Lower Upper
252 100
253 28.8 23.2 34.8
125 34.5 15.0 22.4





#26
Benzo(a)pyrene
Concen: 1.188 ng/ul
RT: 23.894 min Scan# 4982
Delta R.T. -0.011 min
Lab File: BN026103.D
Acq: 29 Jun 2023 20:20

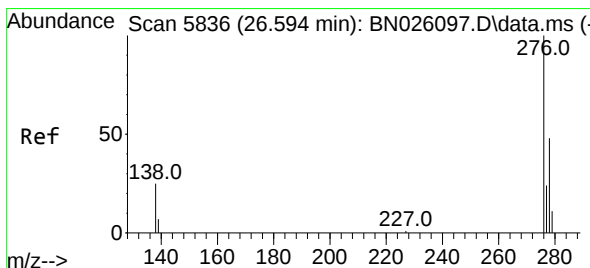
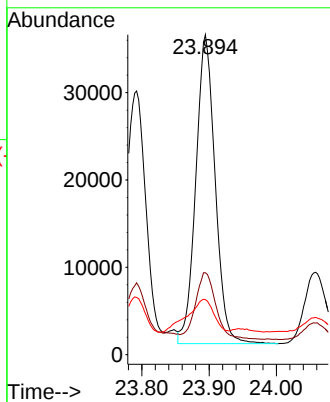
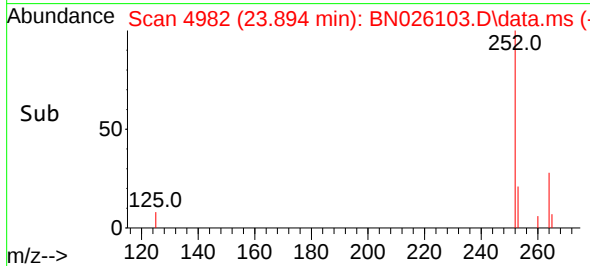
Instrument :
BNA_N
ClientSampleId :
DCFU6



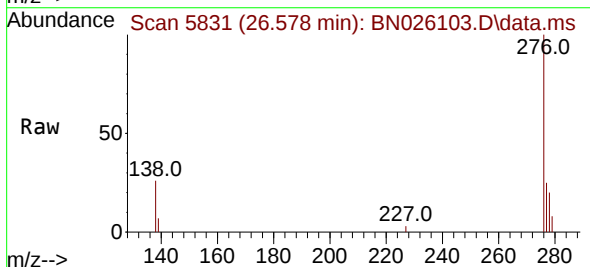
Tgt Ion:252 Resp: 70620
Ion Ratio Lower Upper
252 100
253 25.6 26.0 39.0#
125 17.2 17.3 25.9#

Manual Integrations
APPROVED

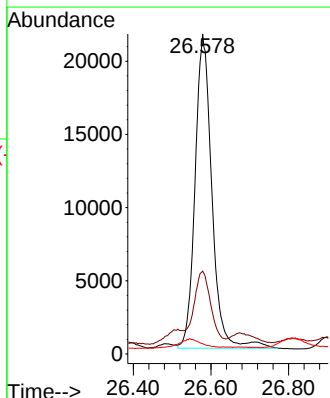
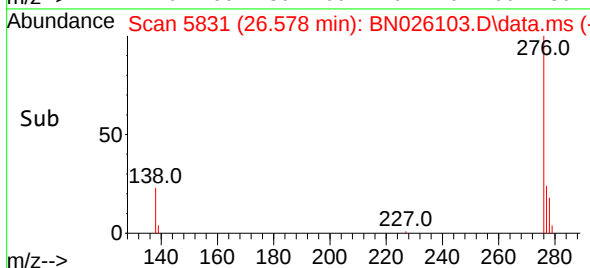
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

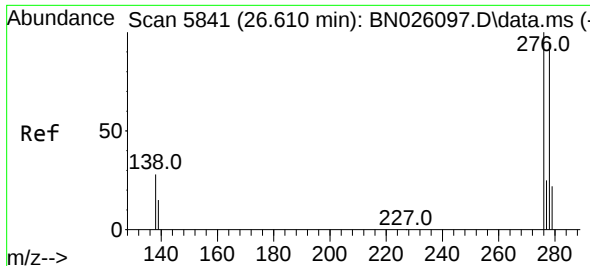


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.990 ng/ul
RT: 26.578 min Scan# 5831
Delta R.T. -0.016 min
Lab File: BN026103.D
Acq: 29 Jun 2023 20:20



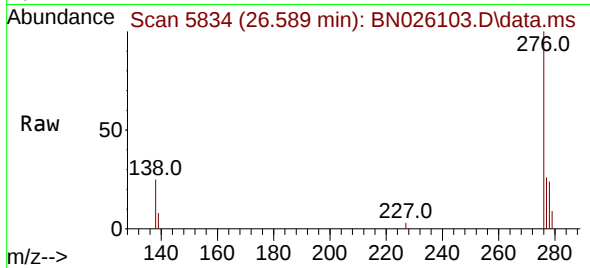
Tgt Ion:276 Resp: 64289
Ion Ratio Lower Upper
276 100
138 23.1 24.5 36.7#
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.298 ng/ul
RT: 26.589 min Scan# 5834
Delta R.T. -0.026 min
Lab File: BN026103.D
Acq: 29 Jun 2023 20:20

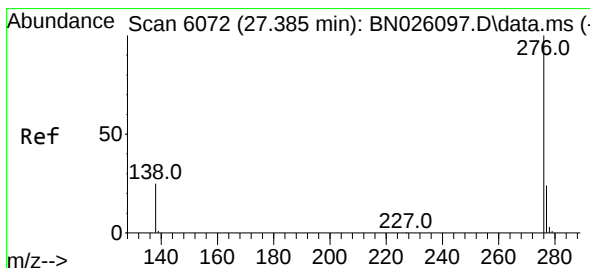
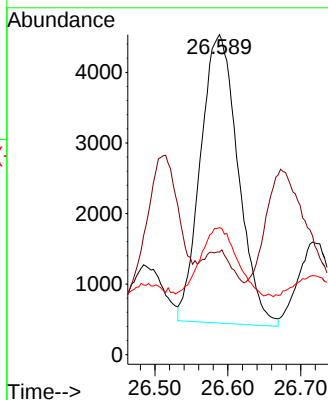
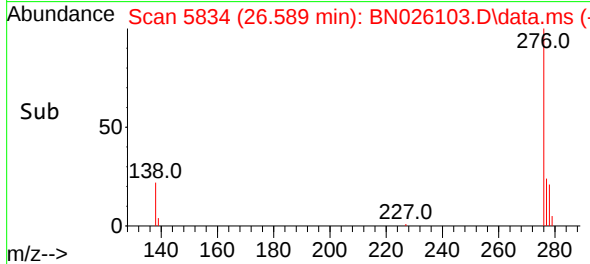
Instrument :
BNA_N
ClientSampleId :
DCFU6



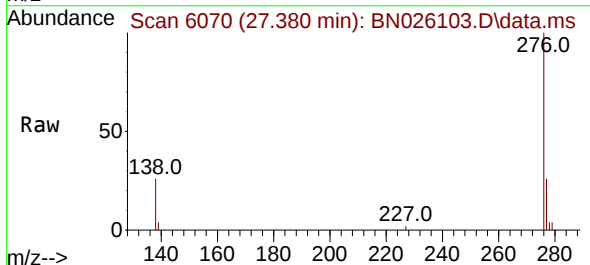
Tgt Ion:278 Resp: 14618
Ion Ratio Lower Upper
278 100
139 32.0 19.0 28.4
279 39.7 26.7 40.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#29
Benzo(g,h,i)perylene
Concen: 1.082 ng/ul
RT: 27.380 min Scan# 6070
Delta R.T. -0.006 min
Lab File: BN026103.D
Acq: 29 Jun 2023 20:20



Tgt Ion:276 Resp: 62463
Ion Ratio Lower Upper
276 100
138 26.5 23.4 35.0
277 25.5 20.0 30.0

