

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
 Data File : BN025978.D
 Acq On : 23 Jun 2023 21:27
 Operator : MA/JU
 Sample : 03083-18
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFL6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2023
 Supervised By :mohammad ahmed 06/25/2023

Quant Time: Jun 24 01:01:32 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 : Thu Jun 22 01:27:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.976	152	9107	0.400	ng/ul	0.00
4) Naphthalene-d8	10.787	136	28756	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.613	164	19245	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.360	188	38756	0.400	ng/ul	0.00
17) Chrysene-d12	21.550	240	19956	0.400	ng/ul	# 0.00
23) Perylene-d12	24.008	264	18868	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	44896	4.378	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.376	152	15833	0.358	ng/ul	0.00
18) Fluoranthene-d10	19.387	212	34698	0.457	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.836	128	269312	3.268	ng/ul	99
7) 2-Methylnaphthalene	12.447	142	86096	1.641	ng/ul	99
8) 1-Methylnaphthalene	12.667	142	46397	0.853	ng/ul	100
10) Acenaphthylene	14.335	152	583602	6.476	ng/ul	99
11) Acenaphthene	14.677	153	49836	0.676	ng/ul	99
12) Fluorene	15.663	166	44475	0.526	ng/ul#	98
15) Phenanthrene	17.402	178	1045391	8.166	ng/ul	99
16) Anthracene	17.491	178	383206	3.368	ng/ul	100
19) Fluoranthene	19.420	202	3357792	31.502	ng/ul	95
20) Pyrene	19.782	202	2839177	25.609	ng/ul	95
21) Benzo(a)anthracene	21.533	228	1393023	16.921	ng/ul	96
22) Chrysene	21.588	228	1593299	18.600	ng/ul	98
24) Benzo(b)fluoranthene	23.263	252	2362671m	29.338	ng/ul	
25) Benzo(k)fluoranthene	23.307	252	865171m	10.699	ng/ul	
26) Benzo(a)pyrene	23.903	252	1501806	21.471	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.572	276	1352084	17.698	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.578	278	315837	5.462	ng/ul	91
29) Benzo(g,h,i)perylene	27.377	276	1312352	19.310	ng/ul	93

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

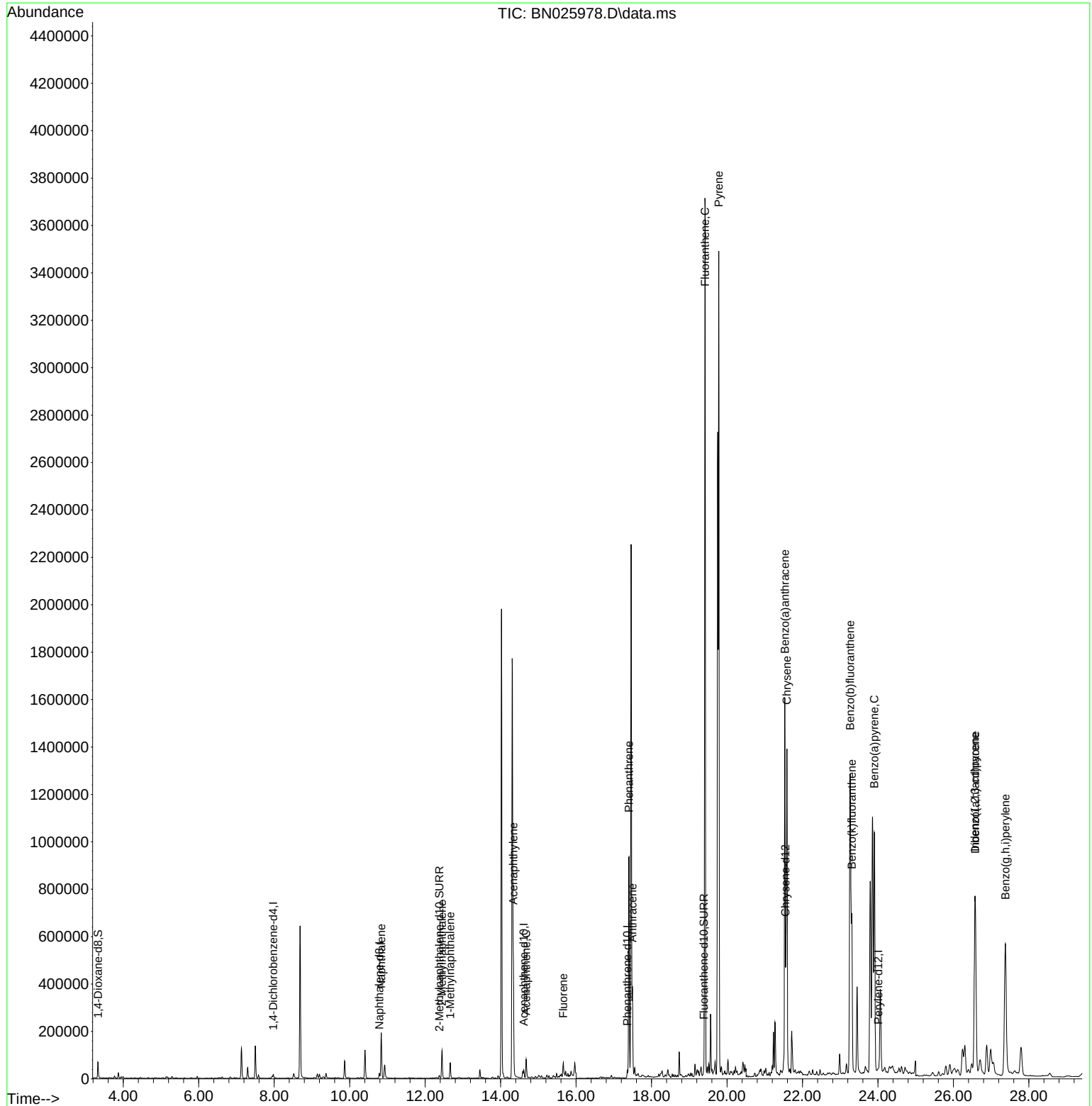
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
Data File : BN025978.D
Acq On : 23 Jun 2023 21:27
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ALS Vial : 6 Sample Multiplier: 1

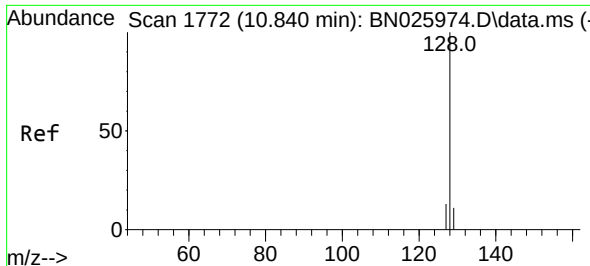
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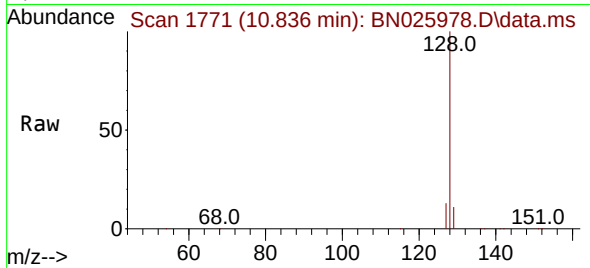
Quant Time: Jun 24 01:01:32 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 22 01:27:41 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 3.268 ng/ul
RT: 10.836 min Scan# 1771
Delta R.T. -0.011 min
Lab File: BN025978.D
Acq: 23 Jun 2023 21:27

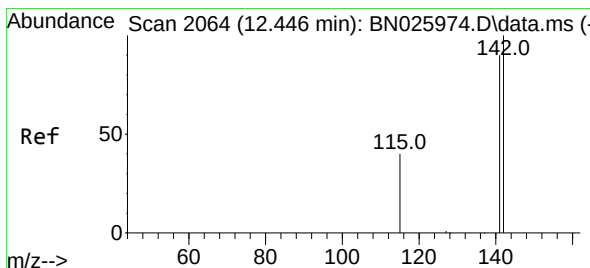
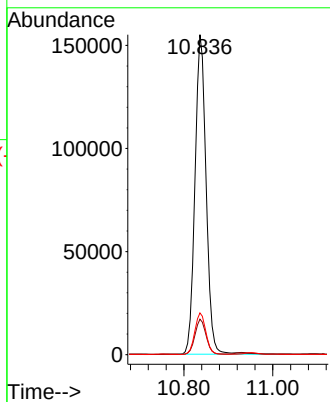
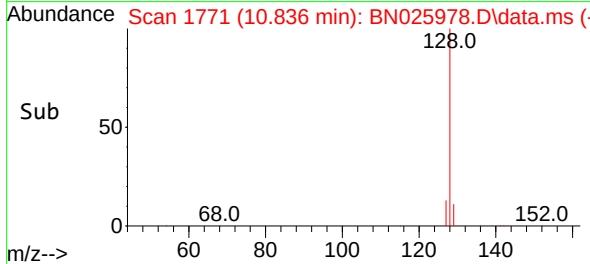
Instrument :
BNA_N
ClientSampleId :
DCFL6



Tgt Ion:128 Resp: 269312
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 13.1 10.7 16.1

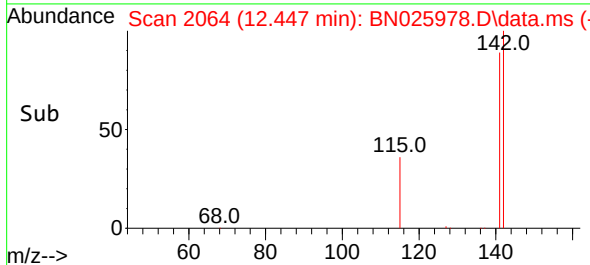
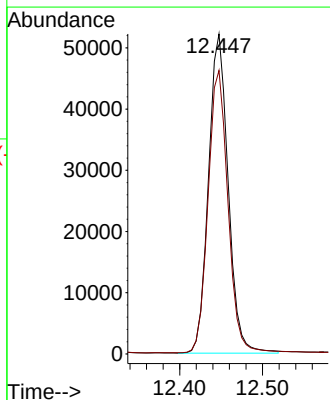
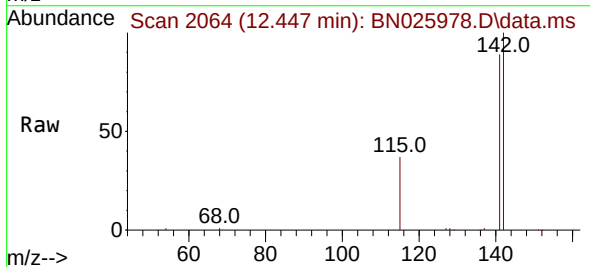
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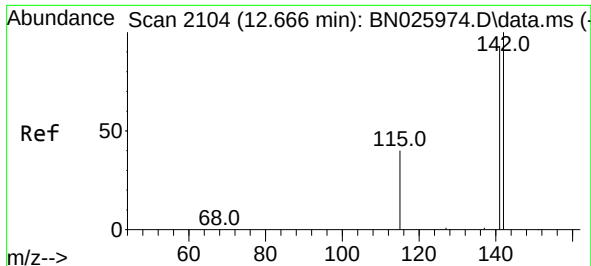
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/25/2023



#7
2-Methylnaphthalene
Concen: 1.641 ng/ul
RT: 12.447 min Scan# 2064
Delta R.T. -0.006 min
Lab File: BN025978.D
Acq: 23 Jun 2023 21:27

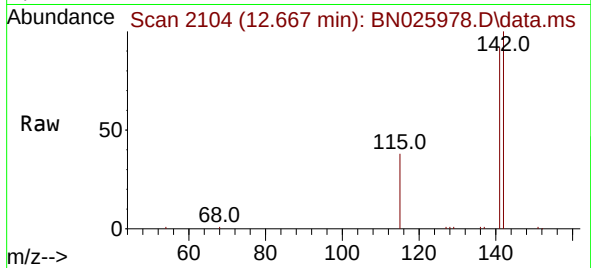
Tgt Ion:142 Resp: 86096
Ion Ratio Lower Upper
142 100
141 89.2 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.853 ng/ul
RT: 12.667 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BN025978.D
Acq: 23 Jun 2023 21:27

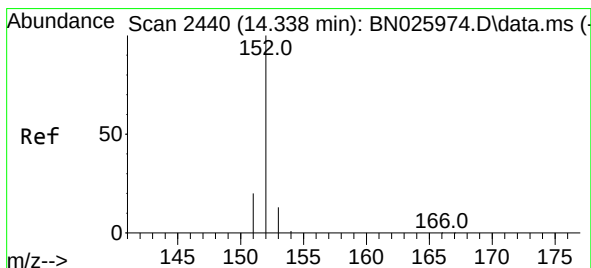
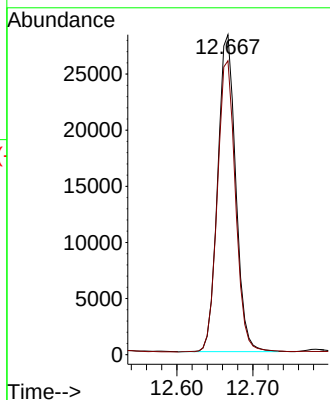
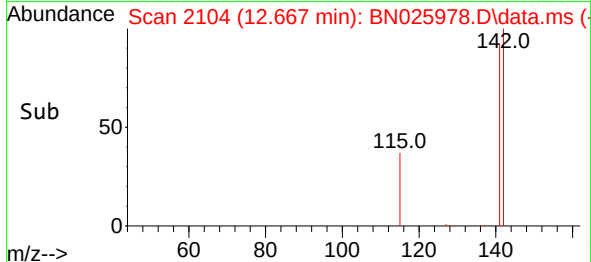
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 4639
Ion Ratio Lower Upper
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141 92.9 74.2 111.4

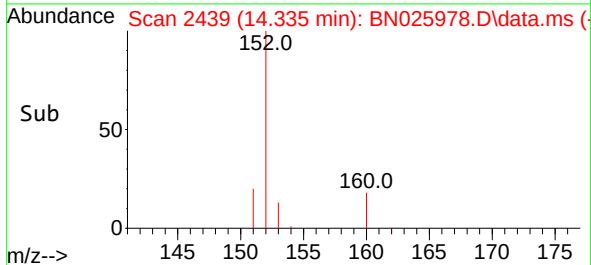
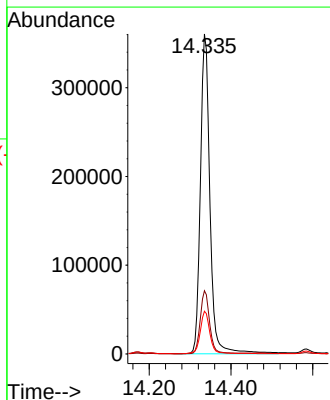
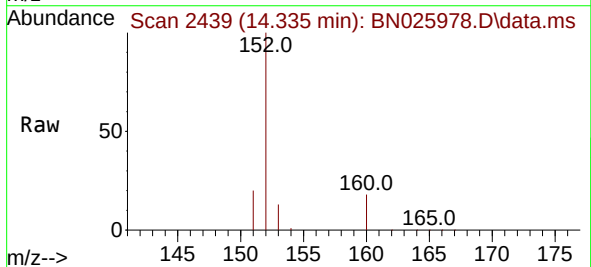
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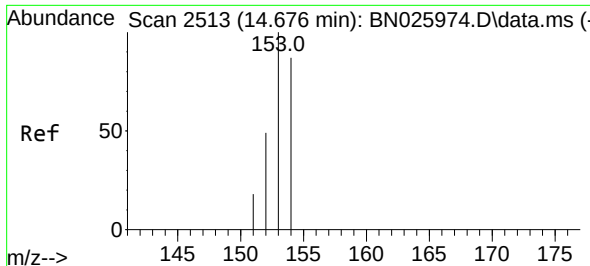
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/25/2023



#10
Acenaphthylene
Concen: 6.476 ng/ul
RT: 14.335 min Scan# 2439
Delta R.T. -0.009 min
Lab File: BN025978.D
Acq: 23 Jun 2023 21:27

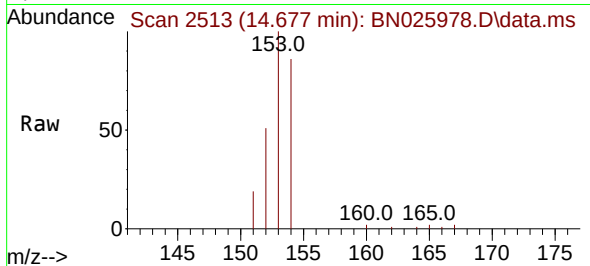
Tgt Ion:152 Resp: 583602
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.4
153 13.3 10.9 16.3





#11
Acenaphthene
Concen: 0.676 ng/ul
RT: 14.677 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN025978.D
Acq: 23 Jun 2023 21:27

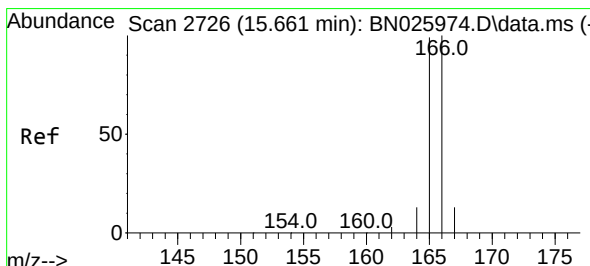
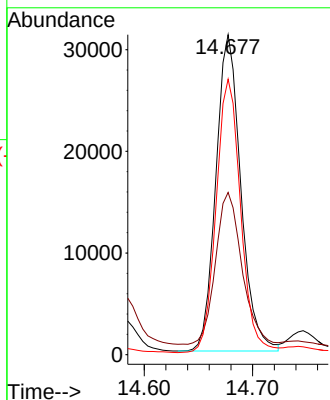
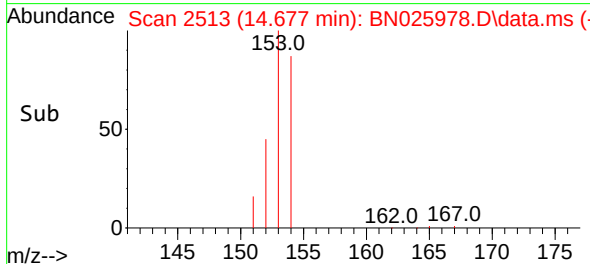
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:153 Resp: 49830
Ion Ratio Lower Upper
153 100
152 50.7 39.4 59.0
154 86.1 68.9 103.3

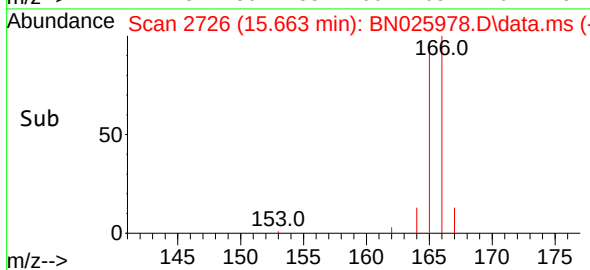
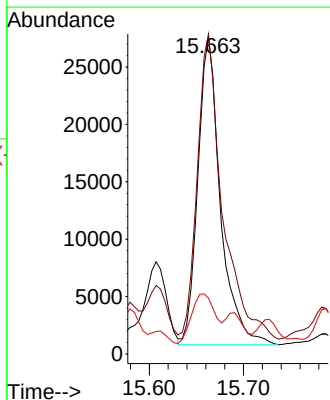
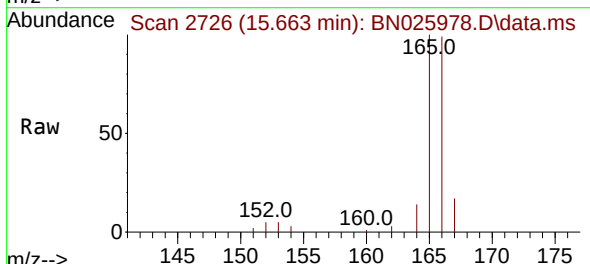
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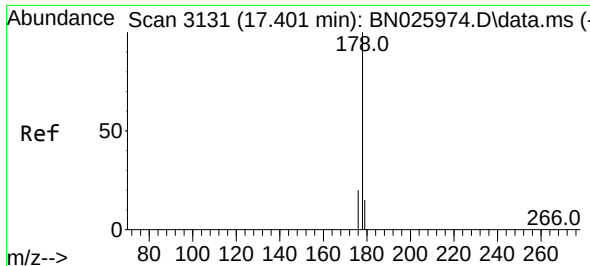
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Supervised By :mohammad ahmed 06/25/2023



#12
Fluorene
Concen: 0.526 ng/ul
RT: 15.663 min Scan# 2726
Delta R.T. -0.004 min
Lab File: BN025978.D
Acq: 23 Jun 2023 21:27

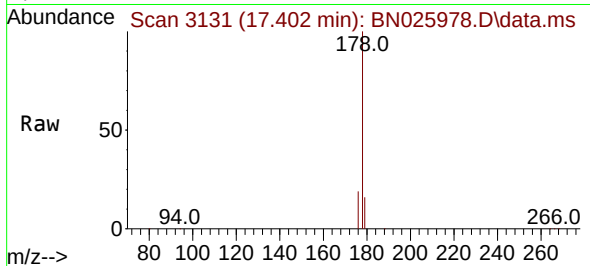
Tgt Ion:166 Resp: 44475
Ion Ratio Lower Upper
166 100
165 101.0 79.9 119.9
167 17.7 10.8 16.2





#15
Phenanthrene
Concen: 8.166 ng/u1
RT: 17.402 min Scan# 3131
Delta R.T. -0.004 min
Lab File: BN025978.D
Acq: 23 Jun 2023 21:27

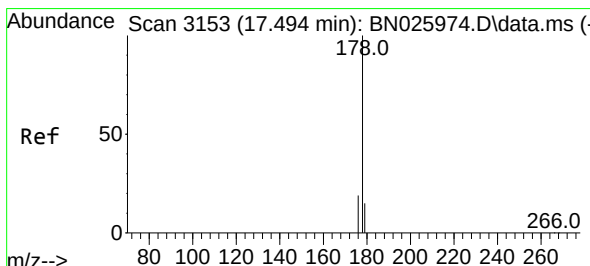
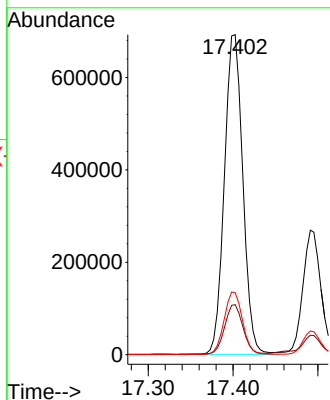
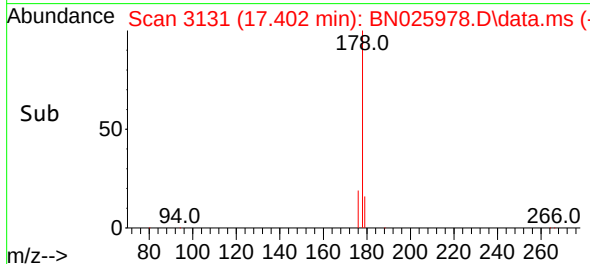
Instrument :
BNA_N
ClientSampleId :
DCFL6



Tgt Ion:178 Resp: 104539
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 19.4 15.8 23.6

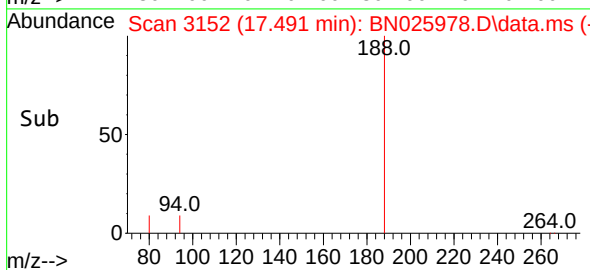
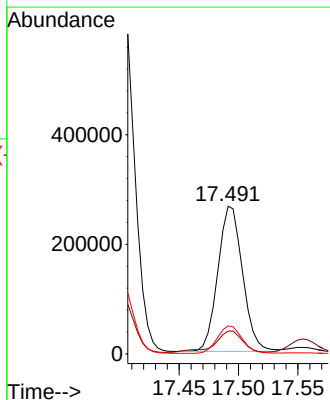
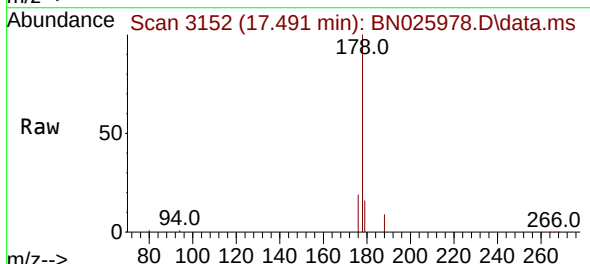
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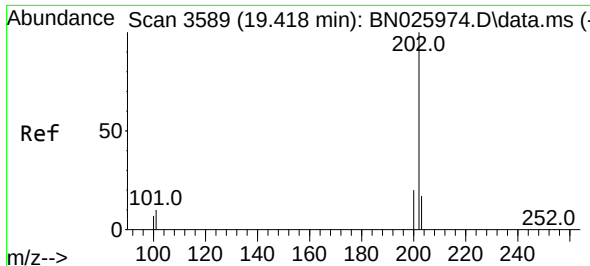
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#16
Anthracene
Concen: 3.368 ng/u1
RT: 17.491 min Scan# 3152
Delta R.T. -0.008 min
Lab File: BN025978.D
Acq: 23 Jun 2023 21:27

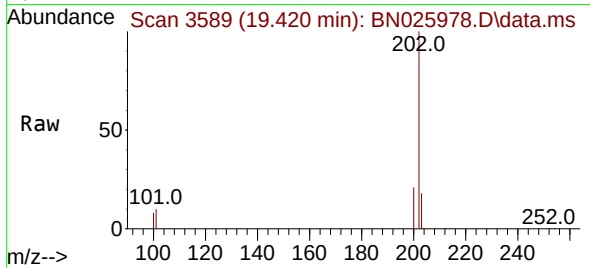
Tgt Ion:178 Resp: 383206
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 19.0 15.1 22.7





#19
Fluoranthene
Concen: 31.502 ng/u1
RT: 19.420 min Scan# 3589
Delta R.T. 0.001 min
Lab File: BN025978.D
Acq: 23 Jun 2023 21:27

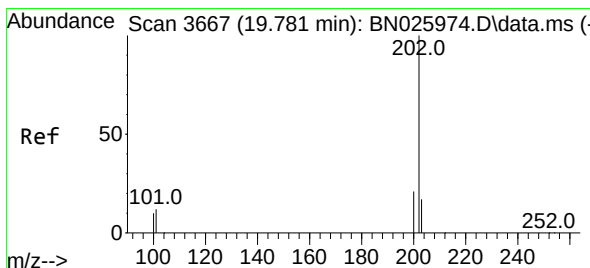
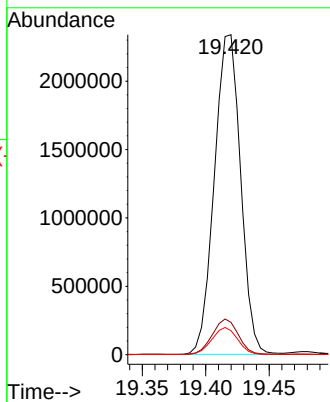
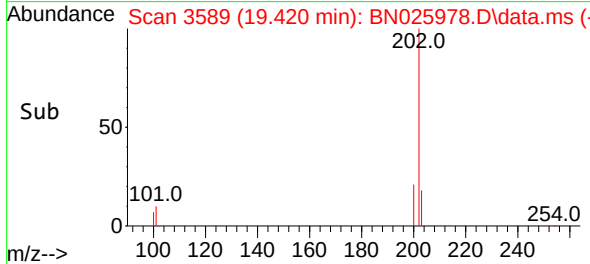
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:202 Resp: 3357792
Ion Ratio Lower Upper
202 100
101 10.1 9.5 14.3
100 7.5 7.3 10.9

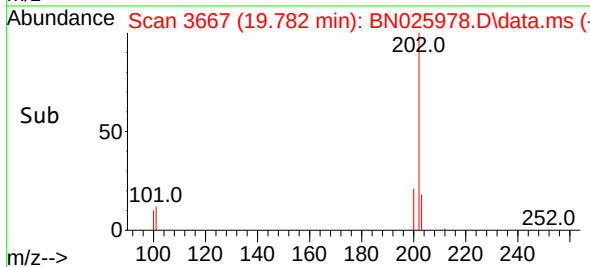
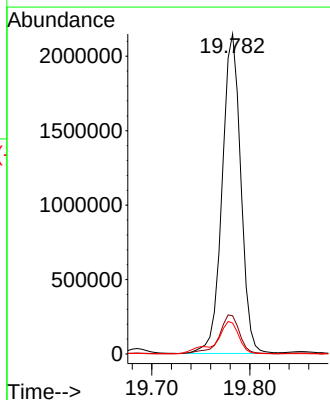
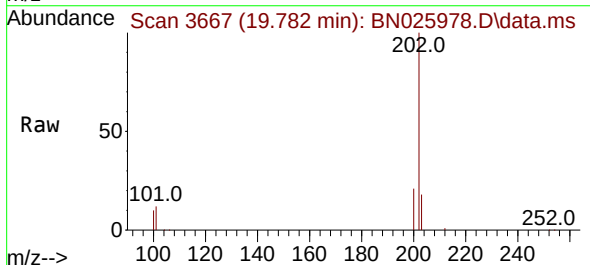
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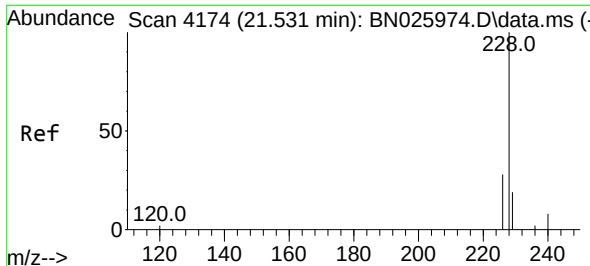
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/25/2023



#20
Pyrene
Concen: 25.609 ng/u1
RT: 19.782 min Scan# 3667
Delta R.T. 0.001 min
Lab File: BN025978.D
Acq: 23 Jun 2023 21:27

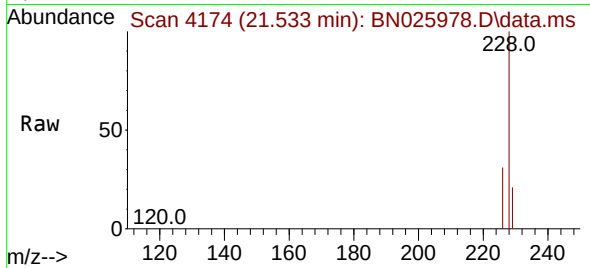
Tgt Ion:202 Resp: 2839177
Ion Ratio Lower Upper
202 100
101 11.9 11.4 17.0
100 9.6 9.1 13.7





#21
Benzo(a)anthracene
Concen: 16.921 ng/u1
RT: 21.533 min Scan# 4174
Delta R.T. 0.001 min
Lab File: BN025978.D
Acq: 23 Jun 2023 21:27

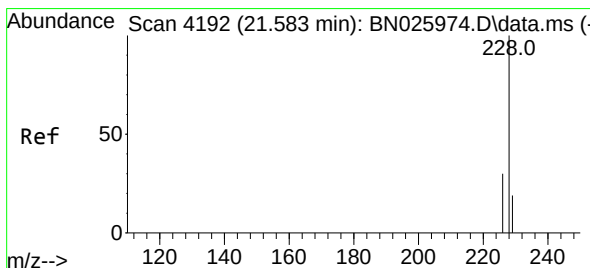
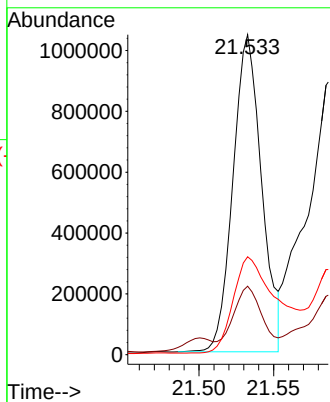
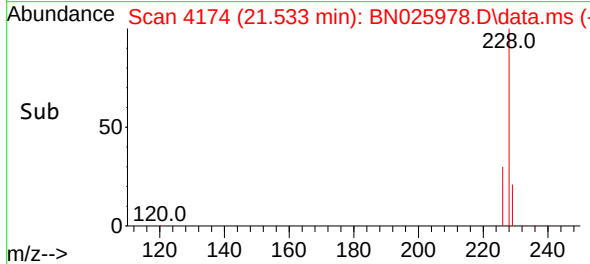
Instrument :
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DCFL6



Tgt Ion:228 Resp: 1393023
Ion Ratio Lower Upper
228 100
229 21.4 15.8 23.6
226 30.6 22.5 33.7

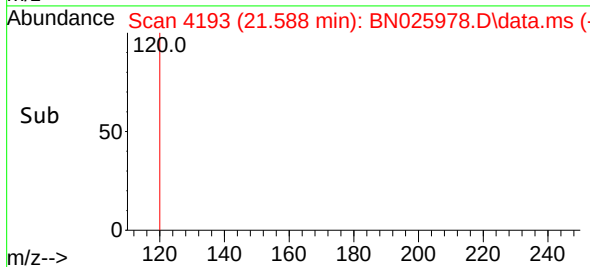
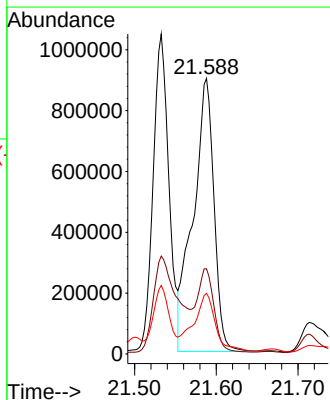
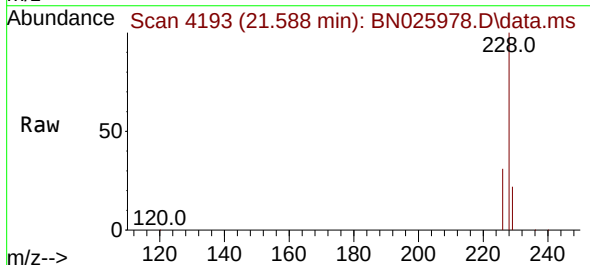
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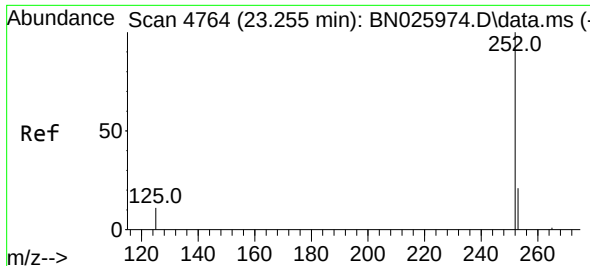
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/25/2023



#22
Chrysene
Concen: 18.600 ng/u1
RT: 21.588 min Scan# 4193
Delta R.T. 0.004 min
Lab File: BN025978.D
Acq: 23 Jun 2023 21:27

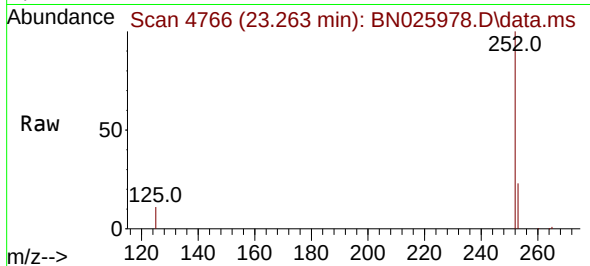
Tgt Ion:228 Resp: 1593299
Ion Ratio Lower Upper
228 100
226 30.9 24.8 37.2
229 22.0 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 29.338 ng/ul m
RT: 23.263 min Scan# 4766
Delta R.T. 0.007 min
Lab File: BN025978.D
Acq: 23 Jun 2023 21:27

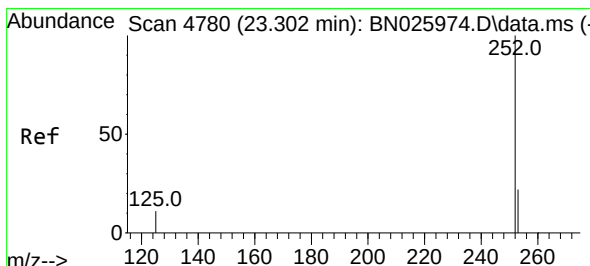
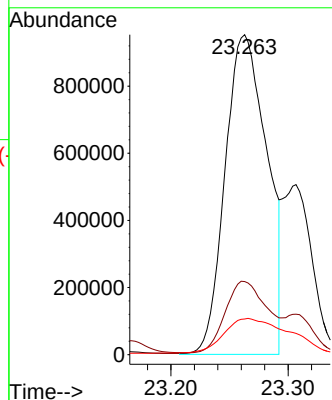
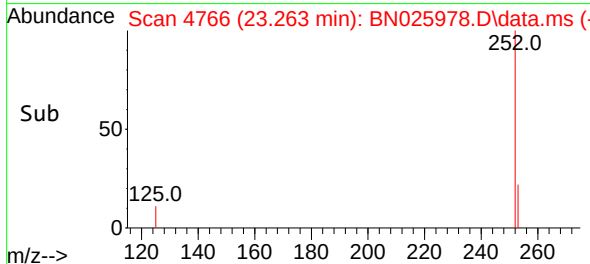
Instrument :
BNA_N
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Tgt Ion:252 Resp: 236267
Ion Ratio Lower Upper
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253 22.8 0.0 55.6
125 11.2 0.0 35.8

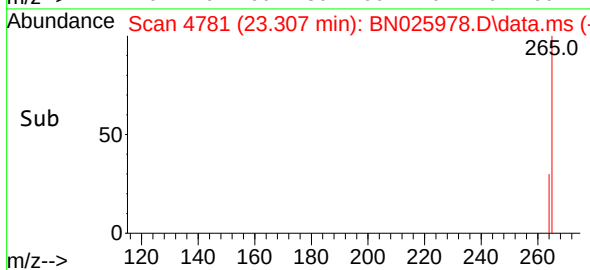
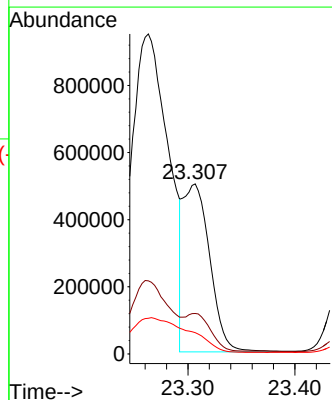
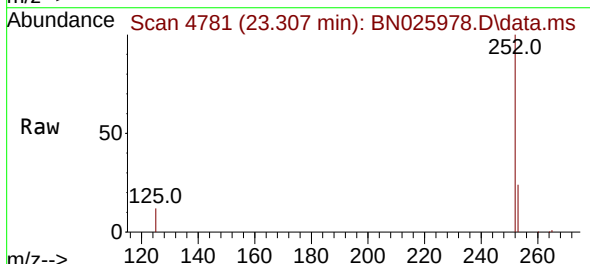
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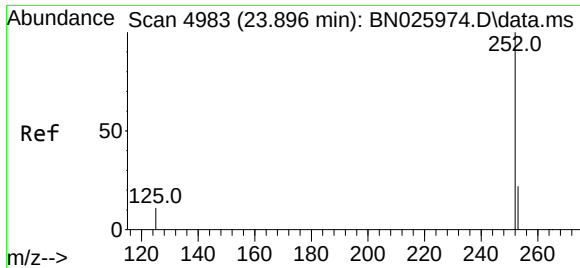
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/25/2023



#25
Benzo(k)fluoranthene
Concen: 10.699 ng/ul m
RT: 23.307 min Scan# 4781
Delta R.T. -0.002 min
Lab File: BN025978.D
Acq: 23 Jun 2023 21:27

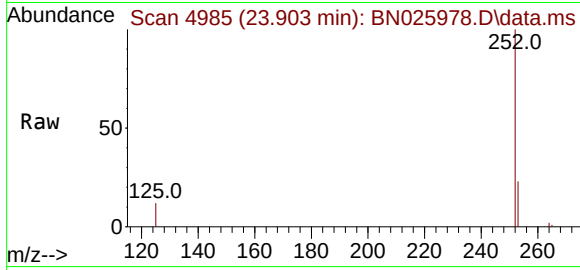
Tgt Ion:252 Resp: 865171
Ion Ratio Lower Upper
252 100
253 23.8 23.2 34.8
125 12.5 15.0 22.4#





#26
Benzo(a)pyrene
Concen: 21.471 ng/ul
RT: 23.903 min Scan# 4985
Delta R.T. -0.005 min
Lab File: BN025978.D
Acq: 23 Jun 2023 21:27

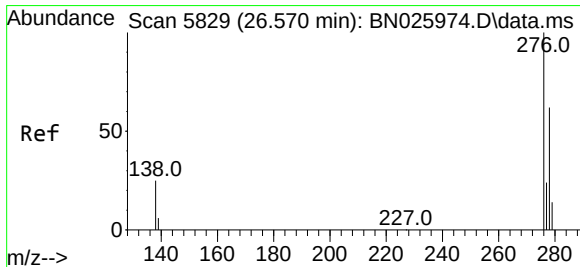
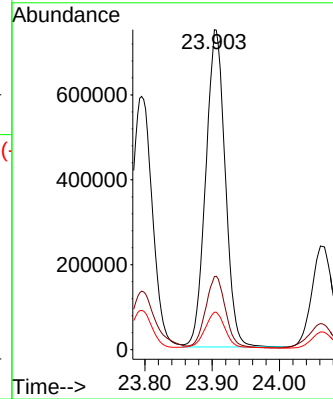
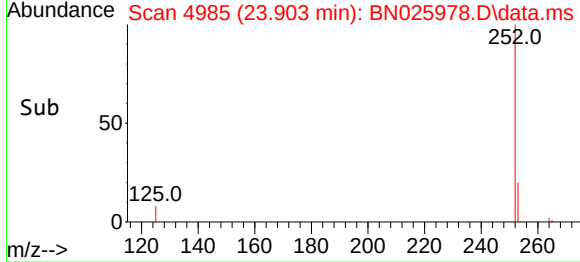
Instrument :
BNA_N
ClientSampleId :
DCFL6



Tgt Ion:252 Resp: 1501800
Ion Ratio Lower Upper
252 100
253 22.8 26.0 39.0#
125 11.7 17.3 25.9#

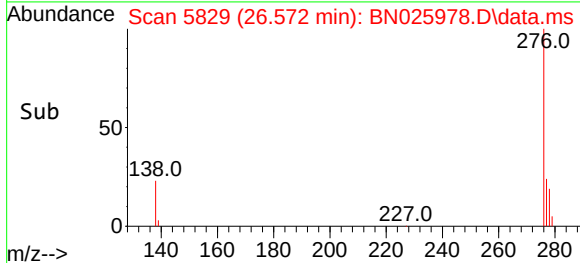
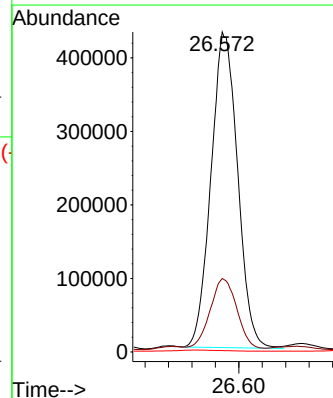
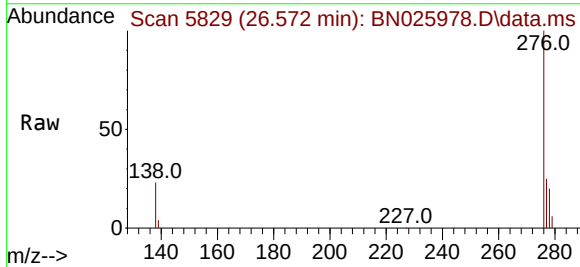
Manual Integrations
APPROVED

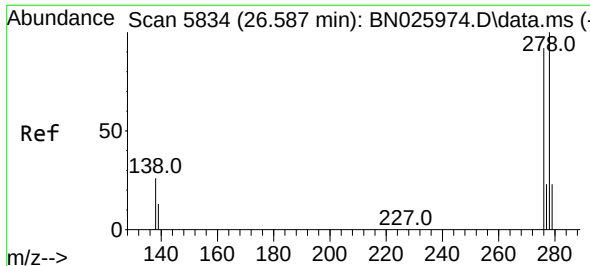
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/25/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 17.698 ng/ul
RT: 26.572 min Scan# 5829
Delta R.T. -0.023 min
Lab File: BN025978.D
Acq: 23 Jun 2023 21:27

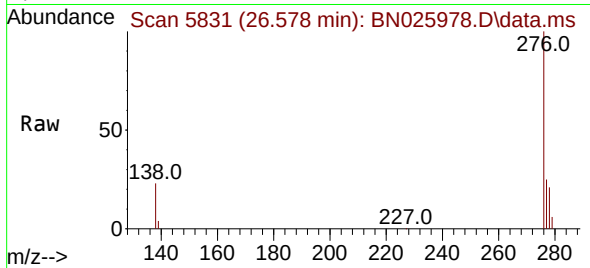
Tgt Ion:276 Resp: 1352084
Ion Ratio Lower Upper
276 100
138 23.1 24.5 36.7#
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 5.462 ng/ul
RT: 26.578 min Scan# 5834
Delta R.T. -0.043 min
Lab File: BN025978.D
Acq: 23 Jun 2023 21:27

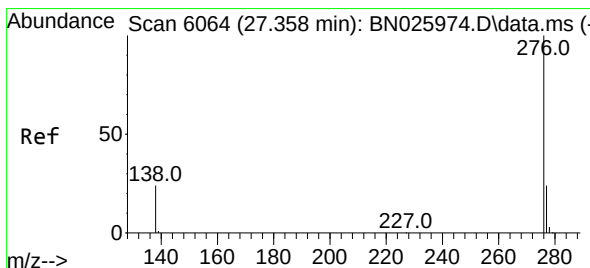
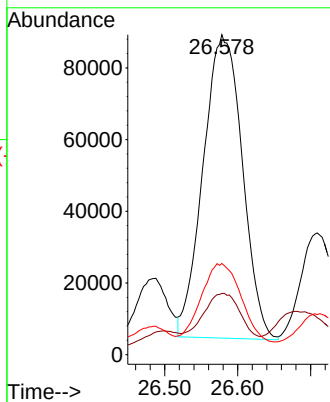
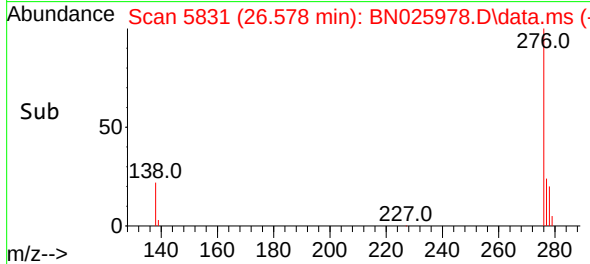
Instrument :
BNA_N
ClientSampleId :
DCFL6



Tgt Ion:278 Resp: 31583
Ion Ratio Lower Upper
278 100
139 19.2 19.0 28.4
279 28.5 26.7 40.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/25/2023



#29
Benzo(g,h,i)perylene
Concen: 19.310 ng/ul
RT: 27.377 min Scan# 6069
Delta R.T. -0.009 min
Lab File: BN025978.D
Acq: 23 Jun 2023 21:27

Tgt Ion:276 Resp: 1312352
Ion Ratio Lower Upper
276 100
138 23.4 23.4 35.0
277 23.9 20.0 30.0

