

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
 Data File : BN026104.D
 Acq On : 29 Jun 2023 20:57
 Operator : MA/JU
 Sample : 03143-16
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFV3

Manual Integrations
 APPROVED

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

Quant Time: Jun 30 00:45:38 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	7.963	152	8007	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.776	136	26022	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.603	164	14952	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.352	188	27896	0.400	ng/ul	0.00
17) Chrysene-d12	21.536	240	15124	0.400	ng/ul	# 0.00
23) Perylene-d12	24.006	264	16798	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.327	96	19633	2.177	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.365	152	5915	0.148	ng/ul	0.00
18) Fluoranthene-d10	19.378	212	9866	0.171	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.825	128	5676	0.076	ng/ul#	94
7) 2-Methylnaphthalene	12.436	142	3431	0.072	ng/ul	99
8) 1-Methylnaphthalene	12.656	142	2633	0.054	ng/ul	97
10) Acenaphthylene	14.326	152	4609	0.066	ng/ul#	92
11) Acenaphthene	14.668	153	2462	0.043	ng/ul	99
12) Fluorene	15.654	166	1859	0.028	ng/ul#	97
15) Phenanthrene	17.394	178	69484	0.754	ng/ul	100
16) Anthracene	17.483	178	9333	0.114	ng/ul#	93
19) Fluoranthene	19.406	202	226323	2.802	ng/ul	99
20) Pyrene	19.769	202	185061	2.203	ng/ul	98
21) Benzo(a)anthracene	21.521	228	77031	1.235	ng/ul	97
22) Chrysene	21.574	228	119684	1.844	ng/ul	97
24) Benzo(b)fluoranthene	23.248	252	187189m	2.611	ng/ul	
25) Benzo(k)fluoranthene	23.292	252	55555m	0.772	ng/ul	
26) Benzo(a)pyrene	23.897	252	99265	1.594	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.585	276	101444	1.491	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.592	278	22040	0.428	ng/ul	94
29) Benzo(g,h,i)perylene	27.383	276	92625	1.531	ng/ul	96

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

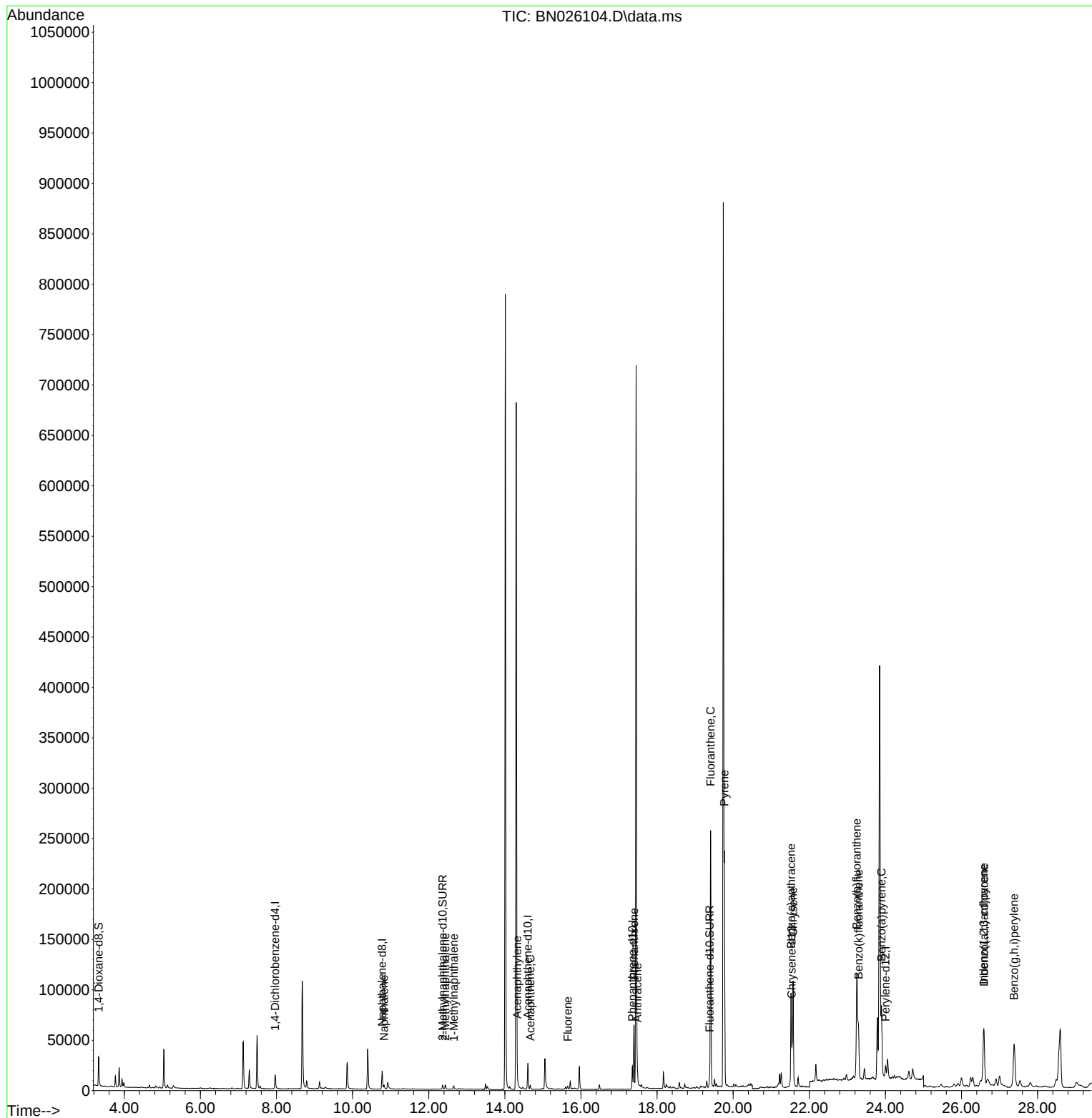
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
Data File : BN026104.D
Acq On : 29 Jun 2023 20:57
Operator : MA/JU
Sample : 03143-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

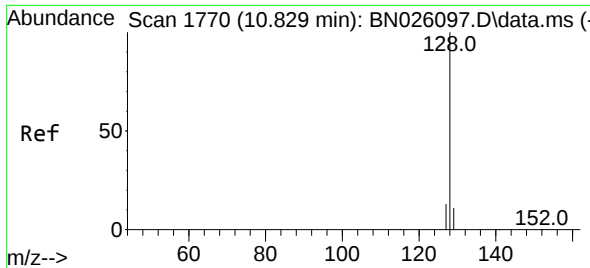
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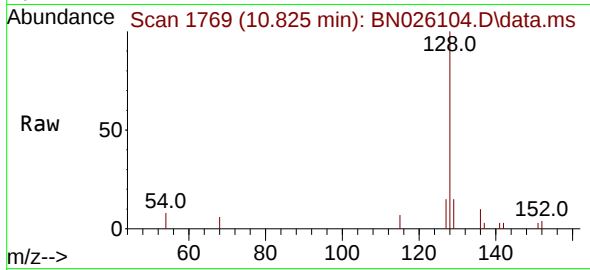
Quant Time: Jun 30 00:45:38 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 22:47:20 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.076 ng/ul
RT: 10.825 min Scan# 1770
Delta R.T. -0.011 min
Lab File: BN026104.D
Acq: 29 Jun 2023 20:57

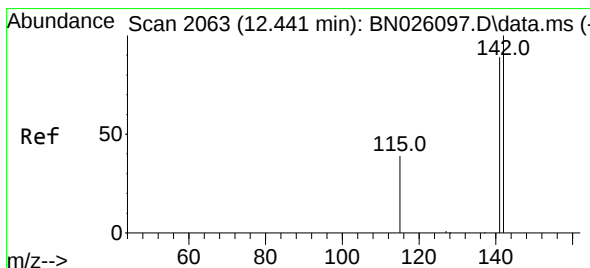
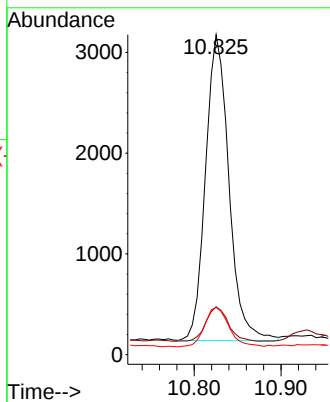
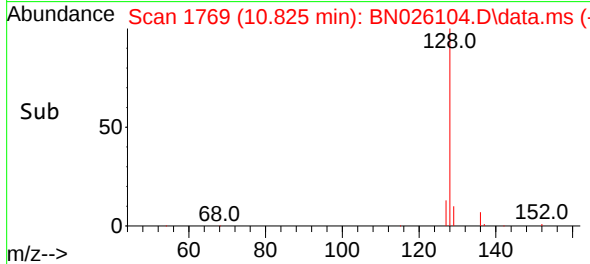
Instrument :
BNA_N
ClientSampleId :
DCFV3



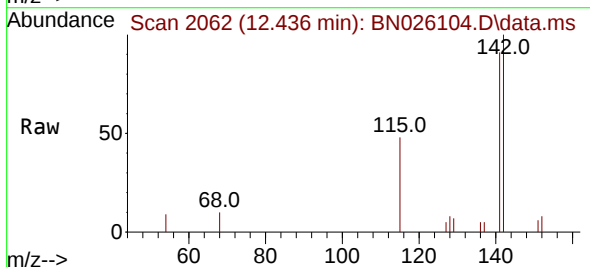
Tgt Ion:128 Resp: 5670
Ion Ratio Lower Upper
128 100
129 15.0 9.1 13.7
127 14.8 10.7 16.1

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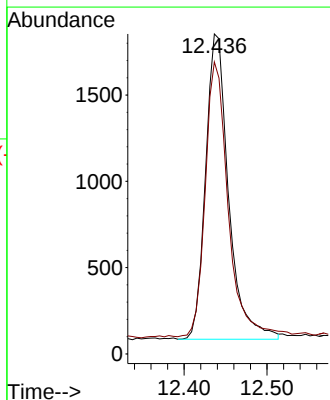
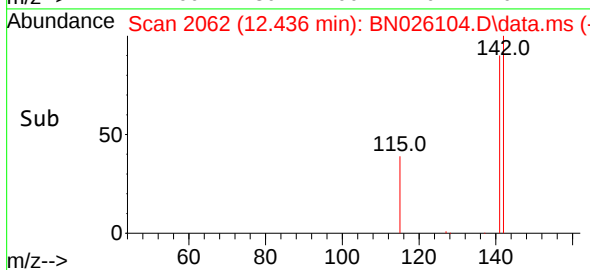
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

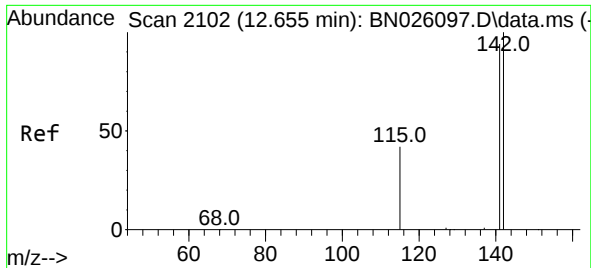


#7
2-Methylnaphthalene
Concen: 0.072 ng/ul
RT: 12.436 min Scan# 2062
Delta R.T. -0.011 min
Lab File: BN026104.D
Acq: 29 Jun 2023 20:57



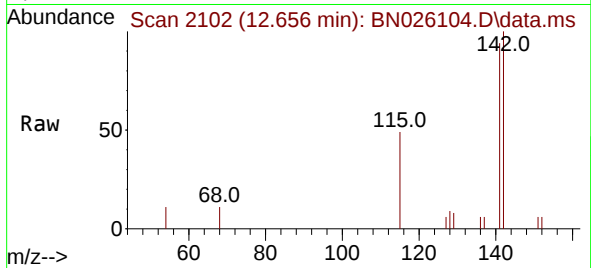
Tgt Ion:142 Resp: 3431
Ion Ratio Lower Upper
142 100
141 88.9 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.054 ng/ul
RT: 12.656 min Scan# 2102
Delta R.T. -0.005 min
Lab File: BN026104.D
Acq: 29 Jun 2023 20:57

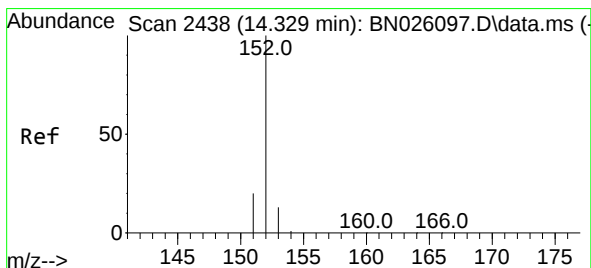
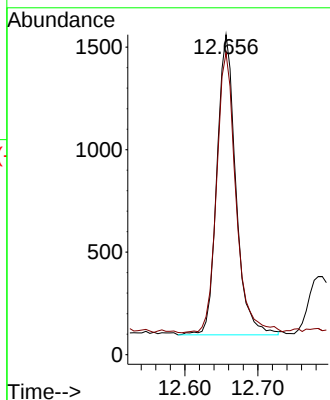
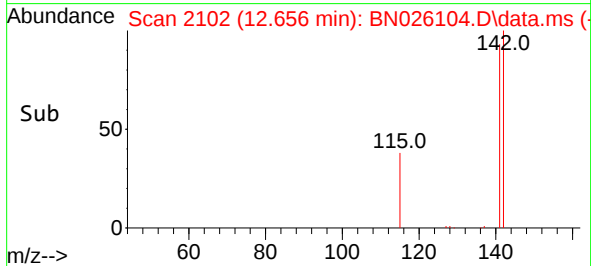
Instrument :
BNA_N
ClientSampleId :
DCFV3



Tgt Ion:142 Resp: 263
Ion Ratio Lower Upper
142 100
141 95.4 74.2 111.4

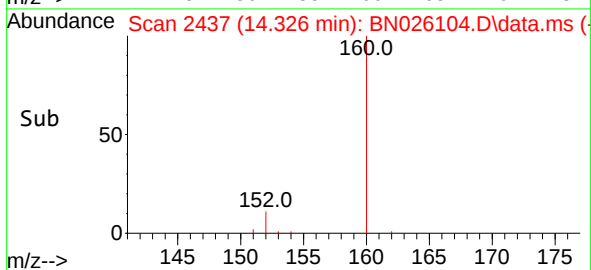
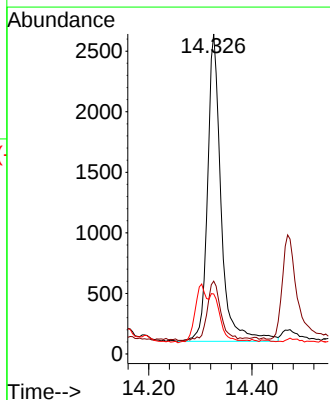
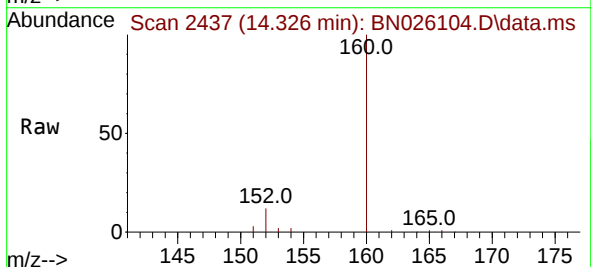
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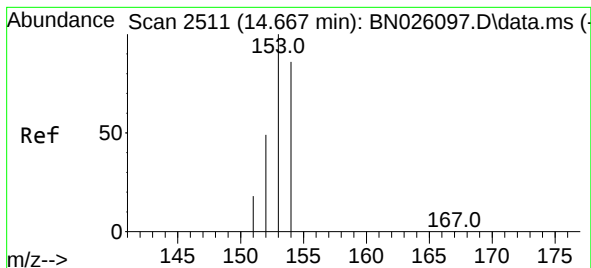
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#10
Acenaphthylene
Concen: 0.066 ng/ul
RT: 14.326 min Scan# 2437
Delta R.T. -0.004 min
Lab File: BN026104.D
Acq: 29 Jun 2023 20:57

Tgt Ion:152 Resp: 4609
Ion Ratio Lower Upper
152 100
151 22.7 16.2 24.4
153 18.7 10.9 16.3#





#11

Acenaphthene

Concen: 0.043 ng/u1

RT: 14.668 min Scan# 2511

Delta R.T. -0.004 min

Lab File: BN026104.D

Acq: 29 Jun 2023 20:57

Instrument :

BNA_N

ClientSampleId :

DCFV3

Tgt Ion:153 Resp: 2462

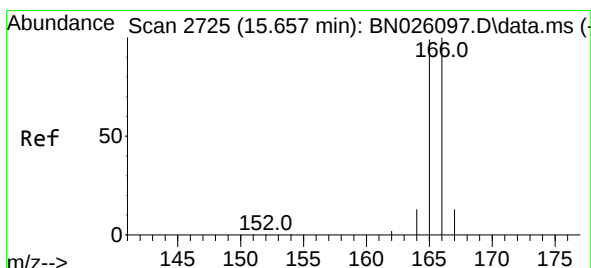
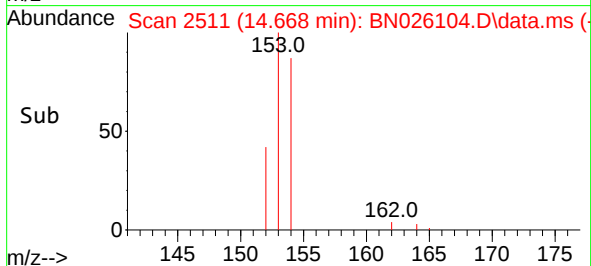
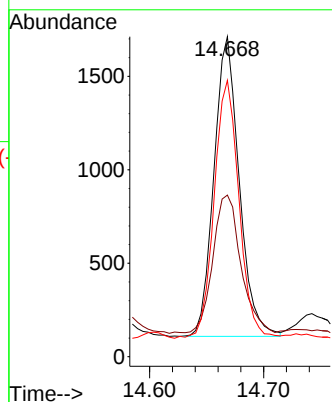
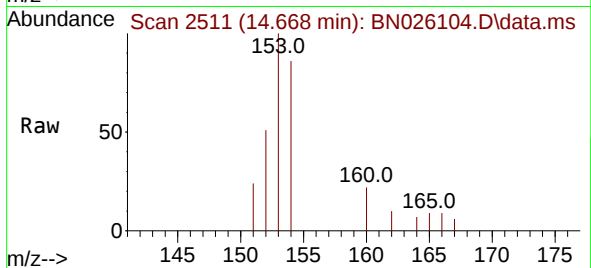
Ion	Ratio	Lower	Upper
153	100		
152	50.5	39.4	59.0
154	86.3	68.9	103.3

Manual Integrations

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Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#12

Fluorene

Concen: 0.028 ng/u1

RT: 15.654 min Scan# 2724

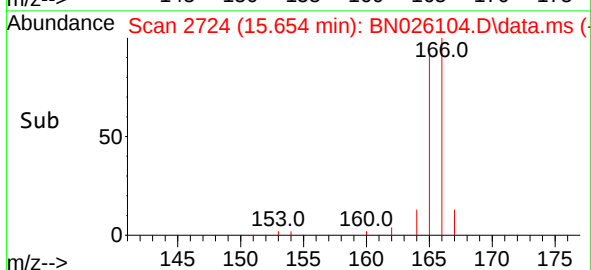
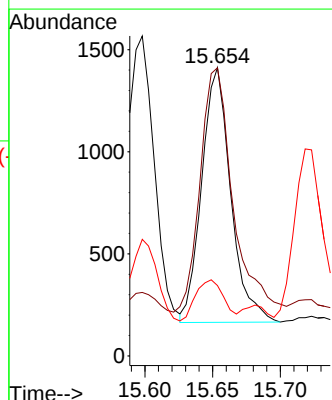
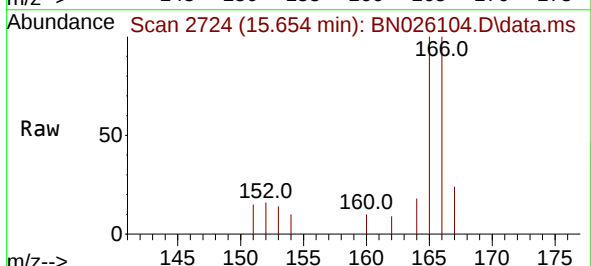
Delta R.T. -0.008 min

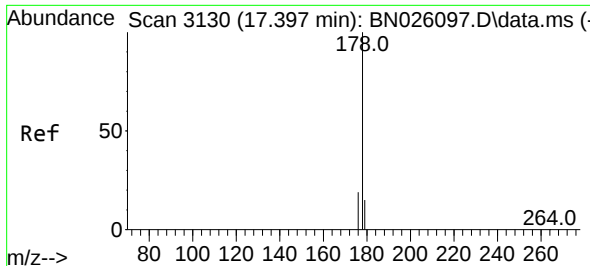
Lab File: BN026104.D

Acq: 29 Jun 2023 20:57

Tgt Ion:166 Resp: 1859

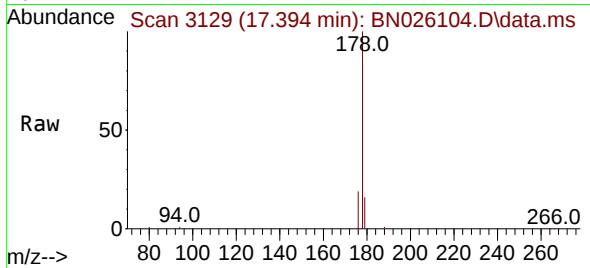
Ion	Ratio	Lower	Upper
166	100		
165	99.9	79.9	119.9
167	24.4	10.8	16.2





#15
Phenanthrene
Concen: 0.754 ng/ul
RT: 17.394 min Scan# 3129
Delta R.T. -0.007 min
Lab File: BN026104.D
Acq: 29 Jun 2023 20:57

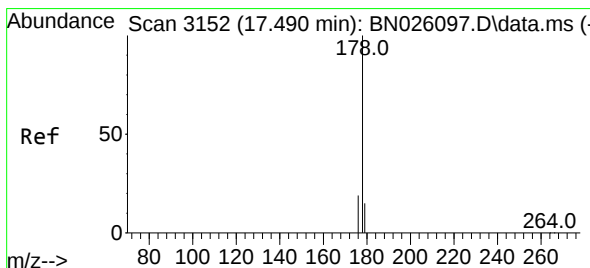
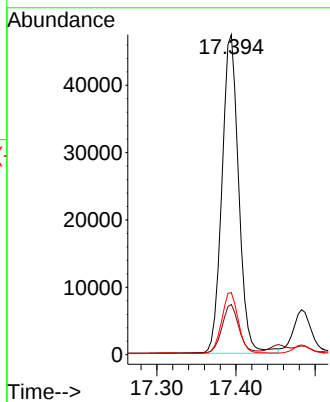
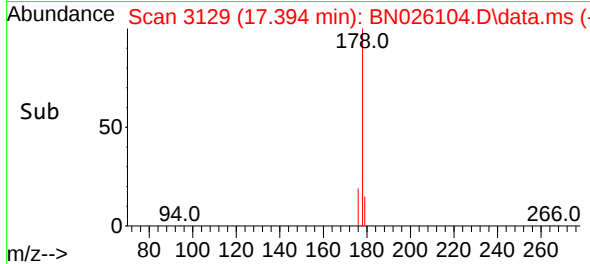
Instrument :
BNA_N
ClientSampleId :
DCFV3



Tgt Ion:178 Resp: 69484
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 19.4 15.8 23.6

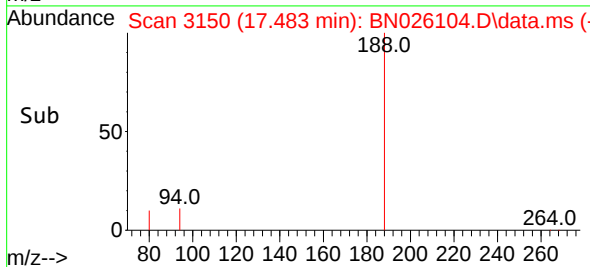
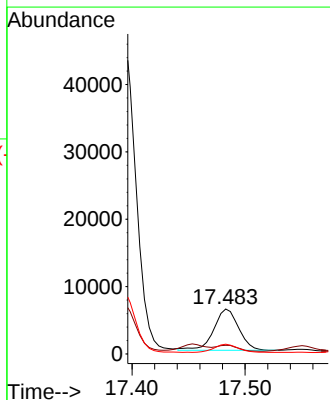
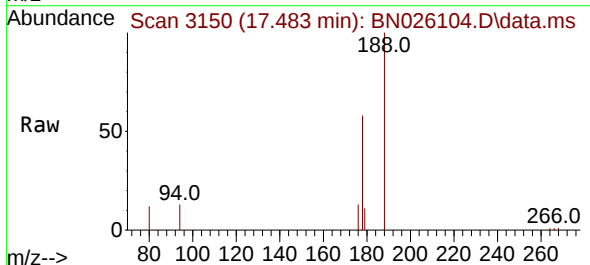
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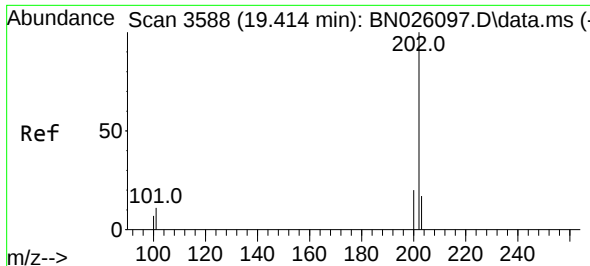
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#16
Anthracene
Concen: 0.114 ng/ul
RT: 17.483 min Scan# 3150
Delta R.T. -0.012 min
Lab File: BN026104.D
Acq: 29 Jun 2023 20:57

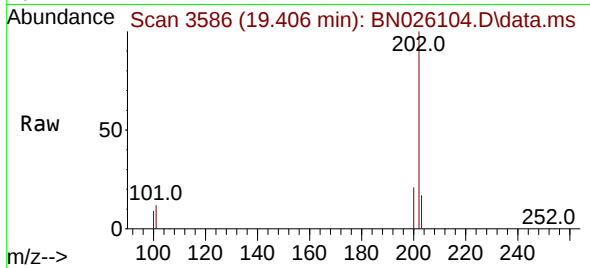
Tgt Ion:178 Resp: 9333
Ion Ratio Lower Upper
178 100
179 19.3 12.6 18.8#
176 21.6 15.1 22.7





#19
Fluoranthene
Concen: 2.802 ng/u1
RT: 19.406 min Scan# 3586
Delta R.T. -0.008 min
Lab File: BN026104.D
Acq: 29 Jun 2023 20:57

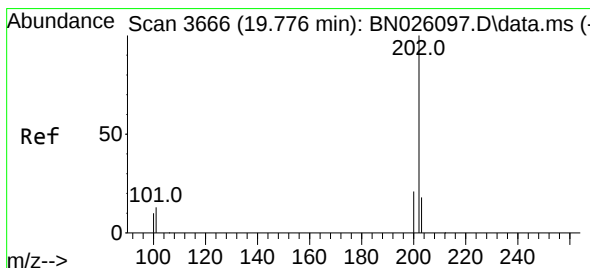
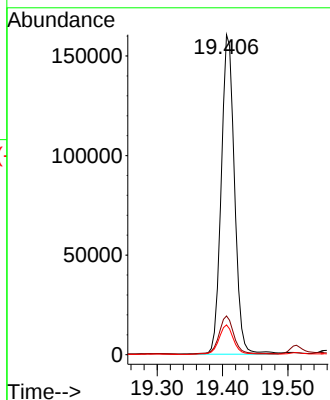
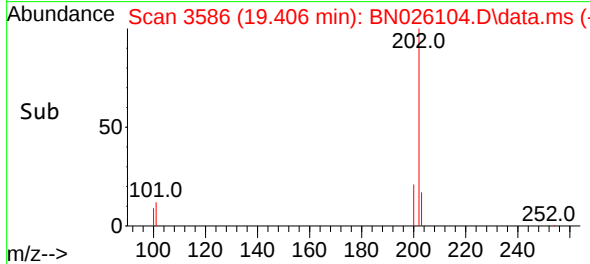
Instrument :
BNA_N
ClientSampleId :
DCFV3



Tgt Ion:202 Resp: 22632
Ion Ratio Lower Upper
202 100
101 12.1 9.5 14.3
100 9.3 7.3 10.9

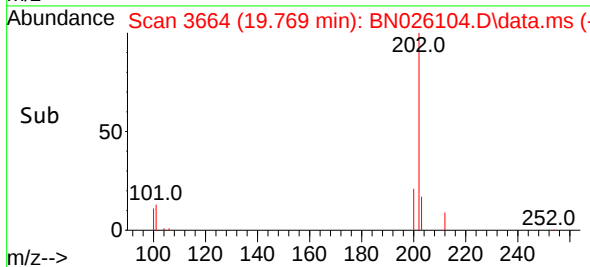
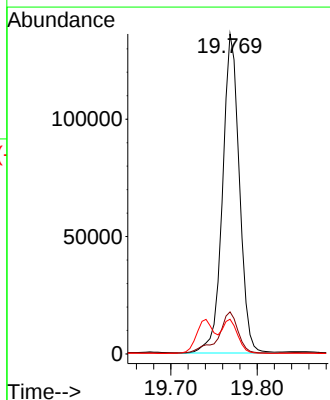
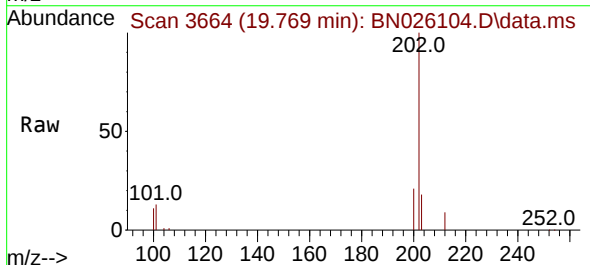
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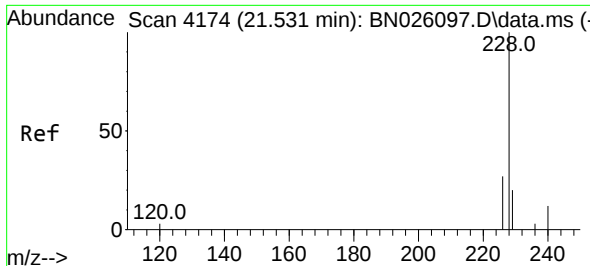
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#20
Pyrene
Concen: 2.203 ng/u1
RT: 19.769 min Scan# 3664
Delta R.T. -0.008 min
Lab File: BN026104.D
Acq: 29 Jun 2023 20:57

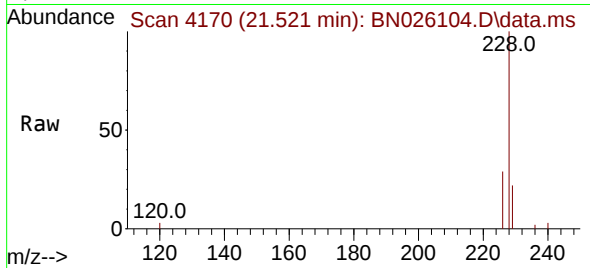
Tgt Ion:202 Resp: 185061
Ion Ratio Lower Upper
202 100
101 13.2 11.4 17.0
100 10.8 9.1 13.7





#21
Benzo(a)anthracene
Concen: 1.235 ng/ul
RT: 21.521 min Scan# 4170
Delta R.T. -0.008 min
Lab File: BN026104.D
Acq: 29 Jun 2023 20:57

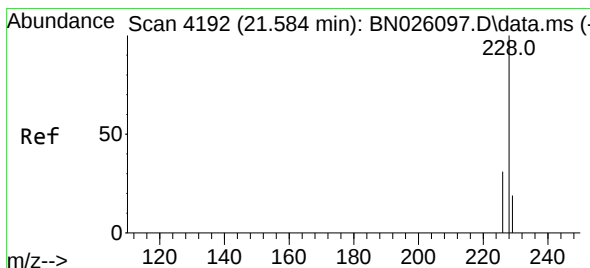
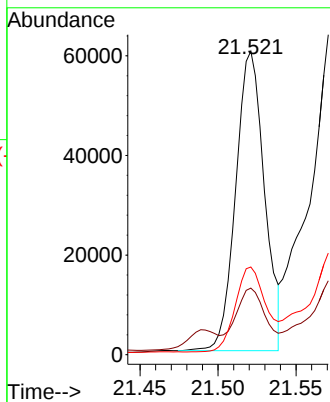
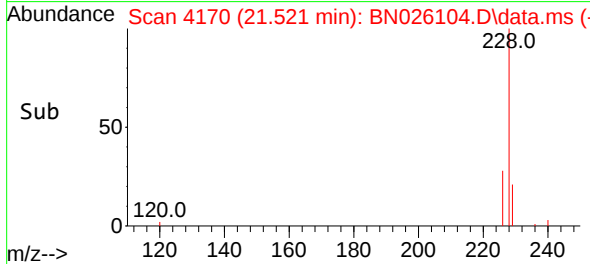
Instrument :
BNA_N
ClientSampleId :
DCFV3



Tgt Ion:228 Resp: 7703
Ion Ratio Lower Upper
228 100
229 21.9 15.8 23.6
226 28.9 22.5 33.7

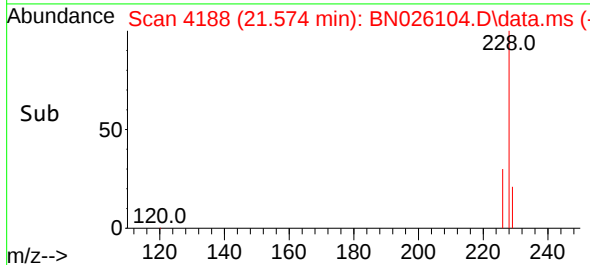
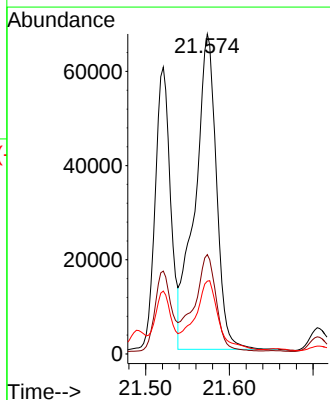
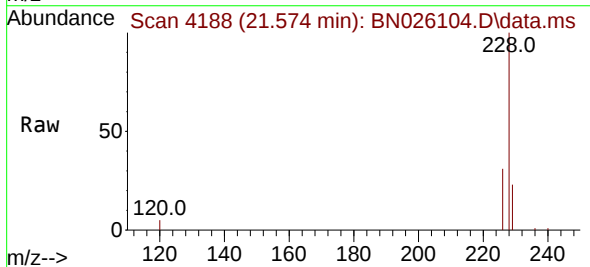
Manual Integrations
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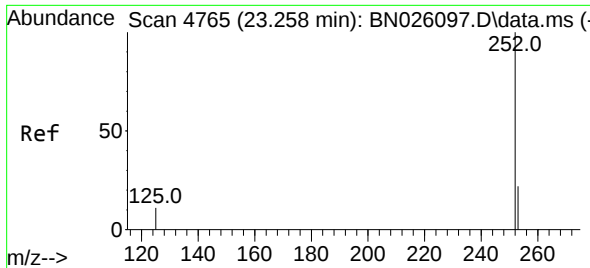
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#22
Chrysene
Concen: 1.844 ng/ul
RT: 21.574 min Scan# 4188
Delta R.T. -0.005 min
Lab File: BN026104.D
Acq: 29 Jun 2023 20:57

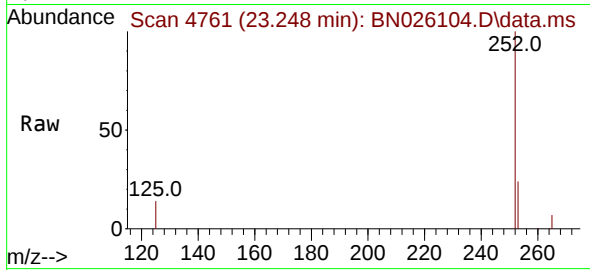
Tgt Ion:228 Resp: 119684
Ion Ratio Lower Upper
228 100
226 31.1 24.8 37.2
229 22.8 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 2.611 ng/ul m
RT: 23.248 min Scan# 4761
Delta R.T. -0.005 min
Lab File: BN026104.D
Acq: 29 Jun 2023 20:57

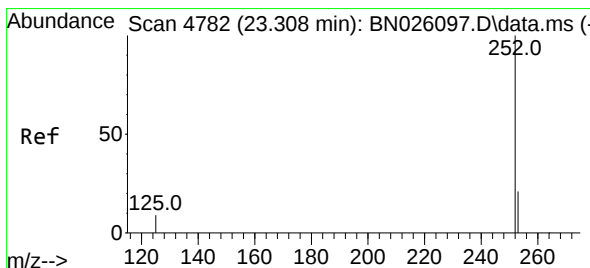
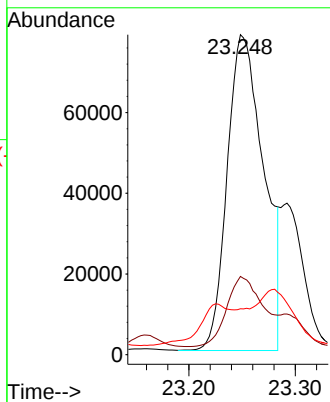
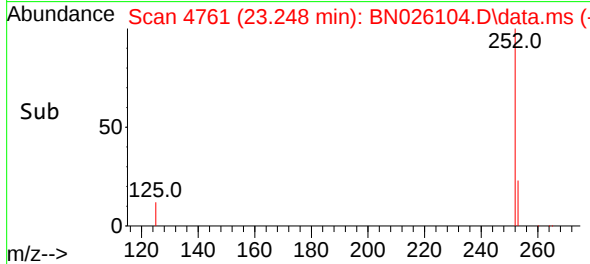
Instrument :
BNA_N
ClientSampleId :
DCFV3



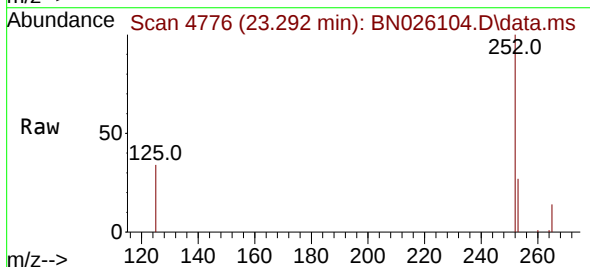
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Ion Ratio Lower Upper
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125 14.4 0.0 35.8

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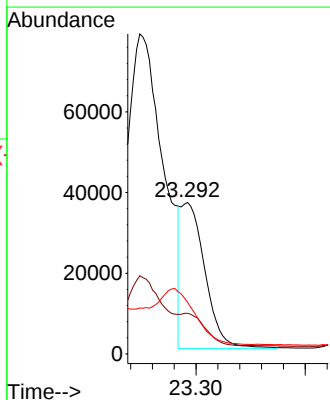
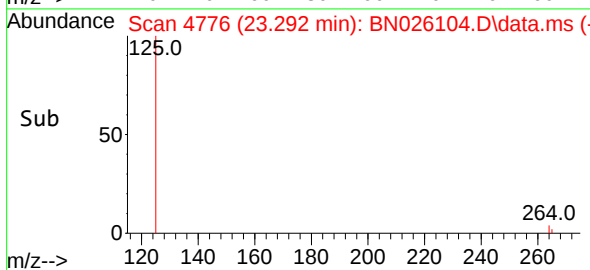
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

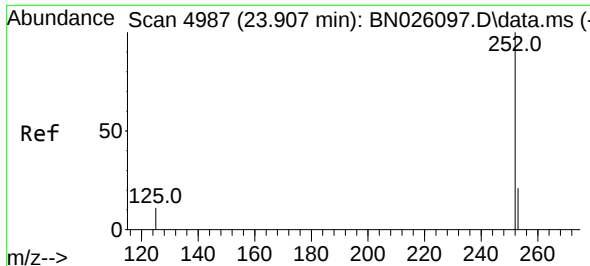


#25
Benzo(k)fluoranthene
Concen: 0.772 ng/ul m
RT: 23.292 min Scan# 4776
Delta R.T. -0.011 min
Lab File: BN026104.D
Acq: 29 Jun 2023 20:57



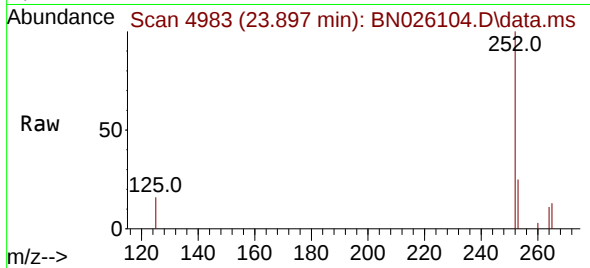
Tgt Ion:252 Resp: 55555
Ion Ratio Lower Upper
252 100
253 26.8 23.2 34.8
125 34.0 15.0 22.4





#26
Benzo(a)pyrene
Concen: 1.594 ng/ul
RT: 23.897 min Scan# 4987
Delta R.T. -0.008 min
Lab File: BN026104.D
Acq: 29 Jun 2023 20:57

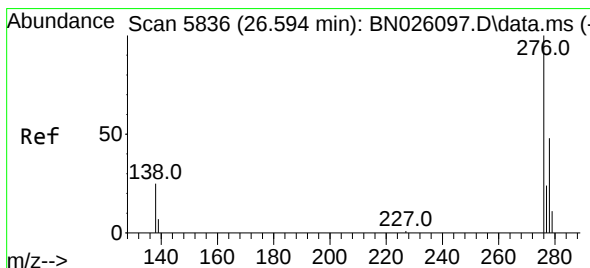
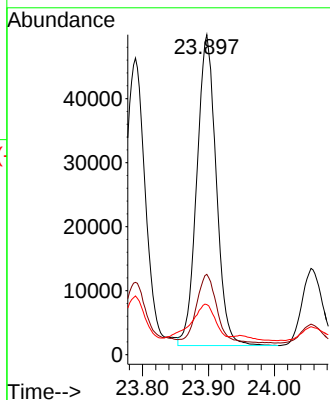
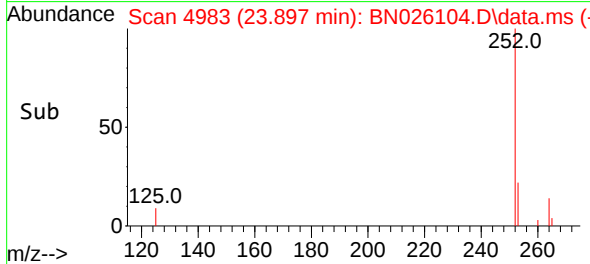
Instrument :
BNA_N
ClientSampleId :
DCFV3



Tgt Ion:252 Resp: 9926
Ion Ratio Lower Upper
252 100
253 25.1 26.0 39.0
125 15.6 17.3 25.9

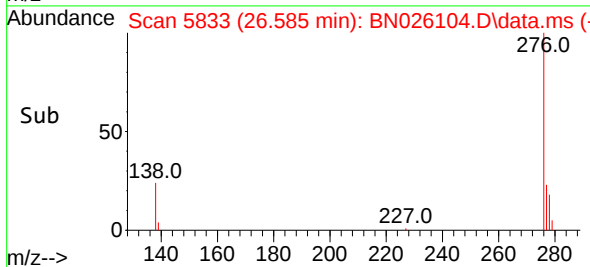
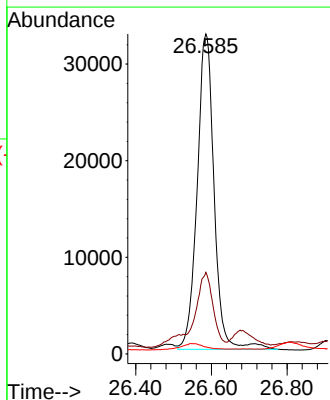
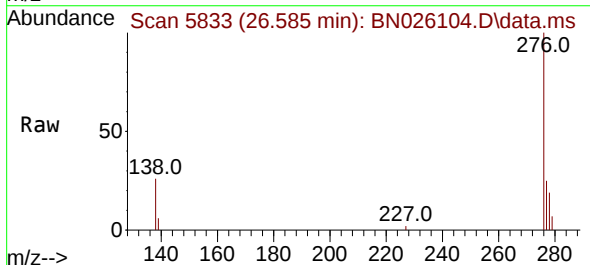
Manual Integrations
APPROVED

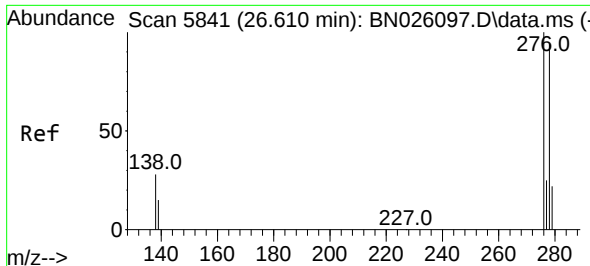
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.491 ng/ul
RT: 26.585 min Scan# 5833
Delta R.T. -0.009 min
Lab File: BN026104.D
Acq: 29 Jun 2023 20:57

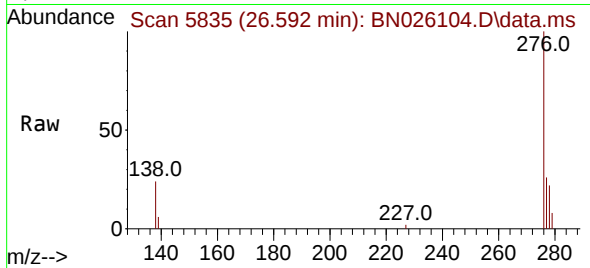
Tgt Ion:276 Resp: 101444
Ion Ratio Lower Upper
276 100
138 22.5 24.5 36.7
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.428 ng/ul
RT: 26.592 min Scan# 5835
Delta R.T. -0.023 min
Lab File: BN026104.D
Acq: 29 Jun 2023 20:57

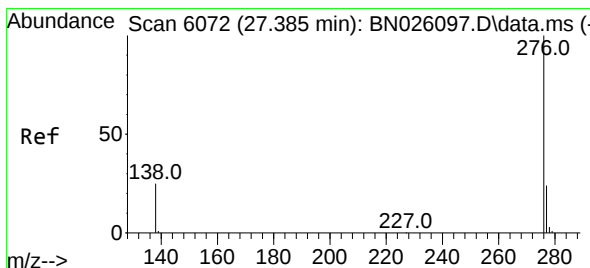
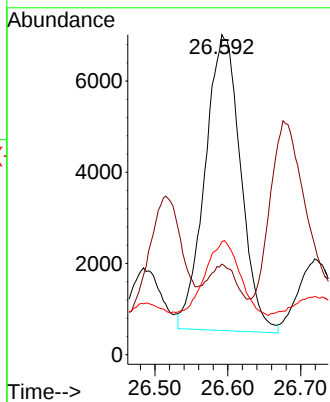
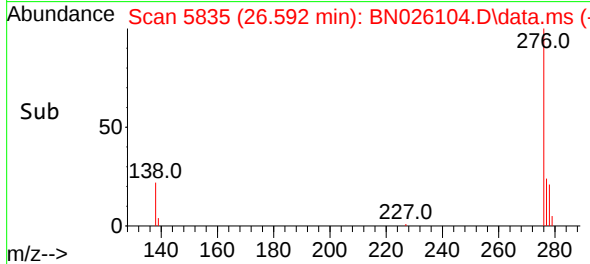
Instrument :
BNA_N
ClientSampleId :
DCFV3



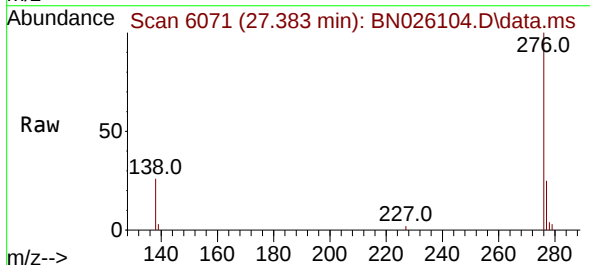
Tgt Ion:278 Resp: 22040
Ion Ratio Lower Upper
278 100
139 28.3 19.0 28.4
279 35.3 26.7 40.1

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 1.531 ng/ul
RT: 27.383 min Scan# 6071
Delta R.T. -0.002 min
Lab File: BN026104.D
Acq: 29 Jun 2023 20:57



Tgt Ion:276 Resp: 92625
Ion Ratio Lower Upper
276 100
138 25.8 23.4 35.0
277 24.8 20.0 30.0

