

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026210.D
 Acq On : 03 Jul 2023 04:35
 Operator : MA/JU
 Sample : 03244-16
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGF5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/03/2023
 Supervised By :Sohil Jodhani 07/04/2023

Quant Time: Jul 03 06:29:42 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 : Sat Jul 01 01:46:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	7925	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.765	136	24817	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.598	164	14634	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.347	188	29387	0.400	ng/ul	0.00
17) Chrysene-d12	21.535	240	16139	0.400	ng/ul	# 0.00
23) Perylene-d12	24.008	264	16636	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	17776	1.992	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	5289	0.139	ng/ul	-0.01
18) Fluoranthene-d10	19.373	212	10187	0.166	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.814	128	14515	0.204	ng/ul	99
7) 2-Methylnaphthalene	12.425	142	6008	0.133	ng/ul	99
8) 1-Methylnaphthalene	12.645	142	3706	0.079	ng/ul	100
10) Acenaphthylene	14.316	152	12583	0.184	ng/ul	96
11) Acenaphthene	14.658	153	4075	0.073	ng/ul	98
12) Fluorene	15.643	166	3909	0.061	ng/ul#	97
15) Phenanthrene	17.385	178	124749	1.285	ng/ul	100
16) Anthracene	17.478	178	18389	0.213	ng/ul	95
19) Fluoranthene	19.405	202	341288	3.959	ng/ul	96
20) Pyrene	19.768	202	268585	2.996	ng/ul	96
21) Benzo(a)anthracene	21.517	228	127529	1.915	ng/ul	97
22) Chrysene	21.573	228	146367	2.113	ng/ul	97
24) Benzo(b)fluoranthene	23.250	252	223743m	3.151	ng/ul	
25) Benzo(k)fluoranthene	23.294	252	74942m	1.051	ng/ul	
26) Benzo(a)pyrene	23.899	252	138046	2.238	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.591	276	112001	1.663	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.601	278	27461	0.539	ng/ul	93
29) Benzo(g,h,i)perylene	27.393	276	110979	1.852	ng/ul	95

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

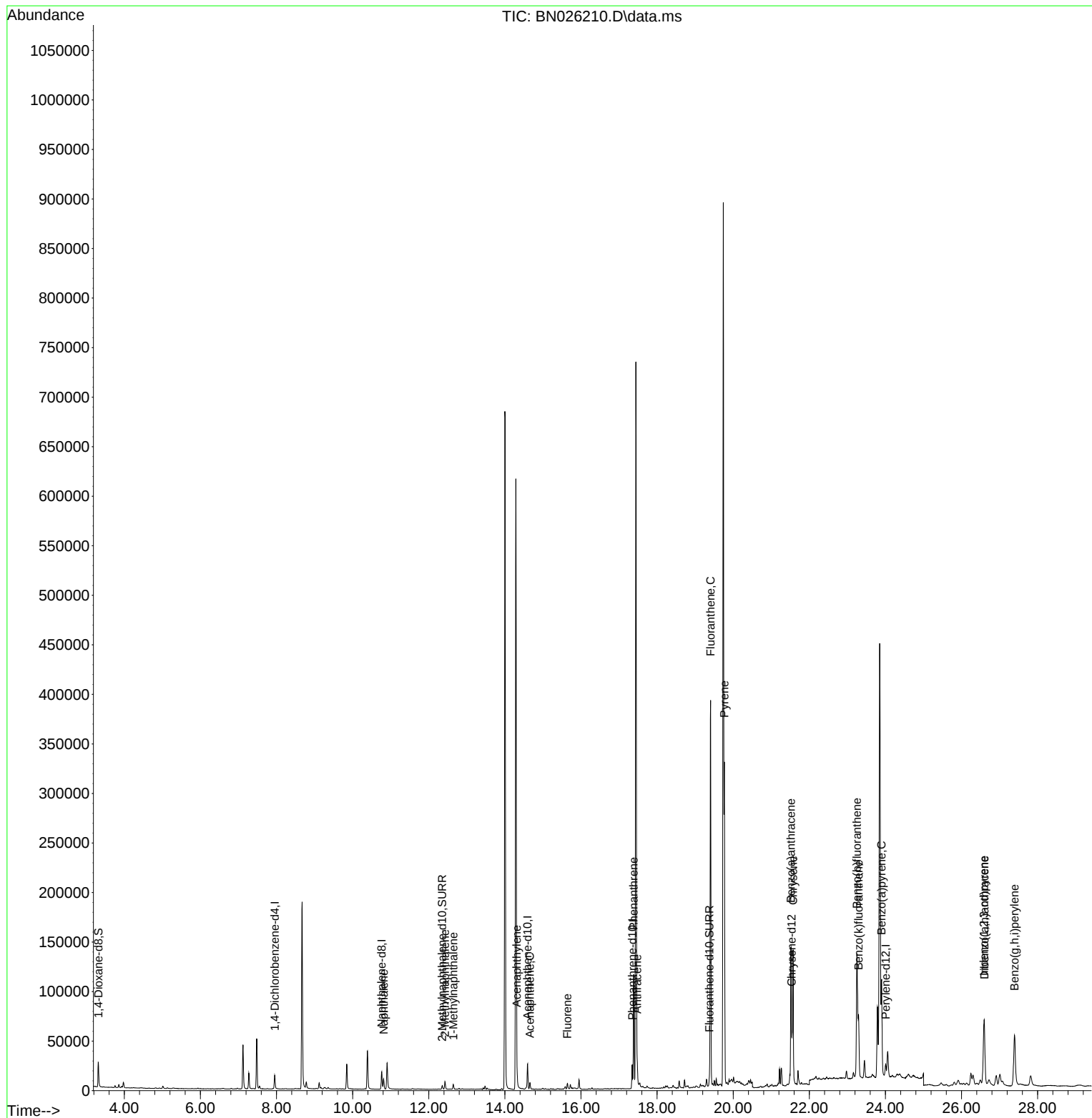
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026210.D
Acq On : 03 Jul 2023 04:35
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ALS Vial : 67 Sample Multiplier: 1

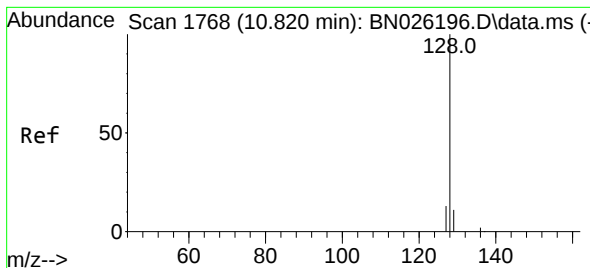
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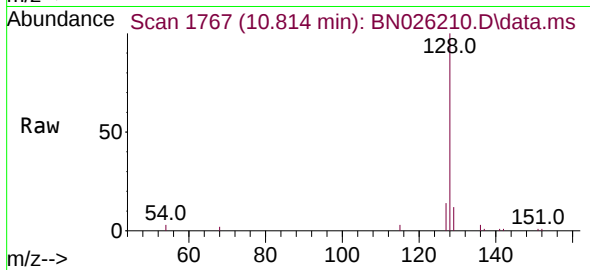
Quant Time: Jul 03 06:29:42 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 01:46:24 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.204 ng/ul
RT: 10.814 min Scan# 1767
Delta R.T. -0.011 min
Lab File: BN026210.D
Acq: 03 Jul 2023 04:35

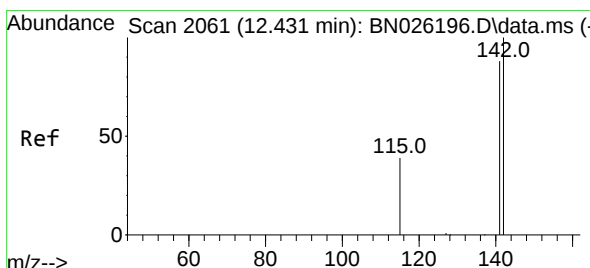
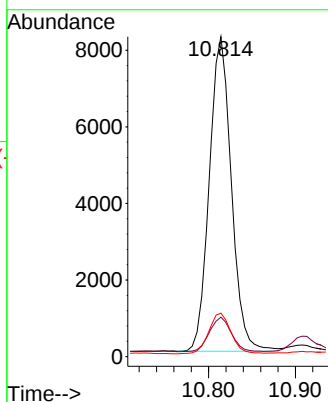
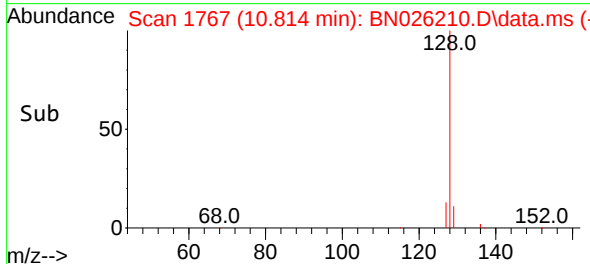
Instrument :
BNA_N
ClientSampleId :
DCGF5



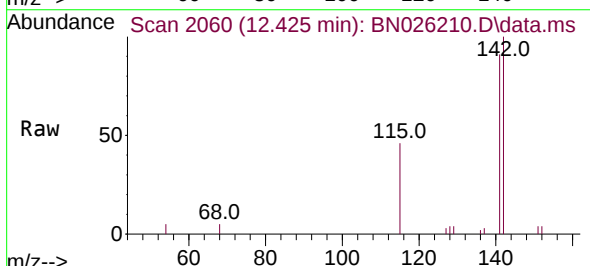
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Ion Ratio Lower Upper
128 100
129 12.3 9.1 13.7
127 13.6 10.7 16.1

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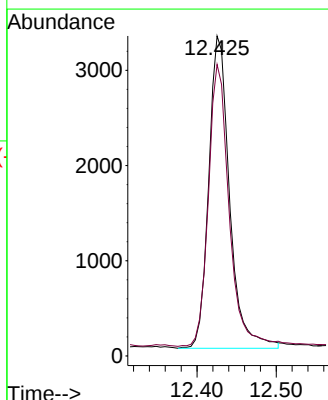
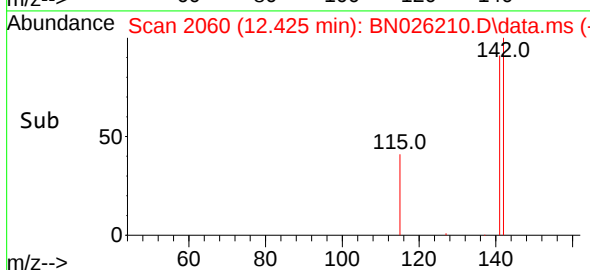
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023

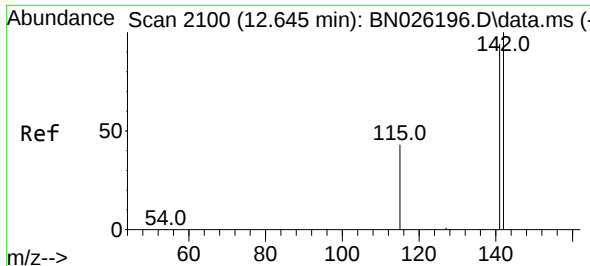


#7
2-Methylnaphthalene
Concen: 0.133 ng/ul
RT: 12.425 min Scan# 2060
Delta R.T. -0.011 min
Lab File: BN026210.D
Acq: 03 Jul 2023 04:35



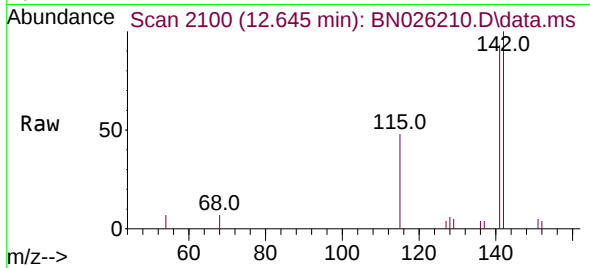
Tgt Ion:142 Resp: 6008
Ion Ratio Lower Upper
142 100
141 88.9 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.079 ng/ul
RT: 12.645 min Scan# 2100
Delta R.T. -0.005 min
Lab File: BN026210.D
Acq: 03 Jul 2023 04:35

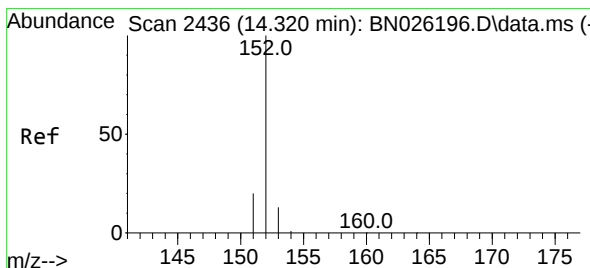
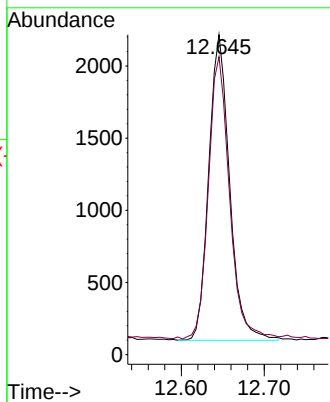
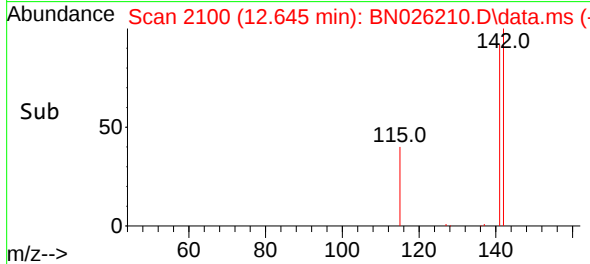
Instrument :
BNA_N
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Tgt Ion:142 Resp: 3700
Ion Ratio Lower Upper
142 100
141 92.8 74.2 111.4

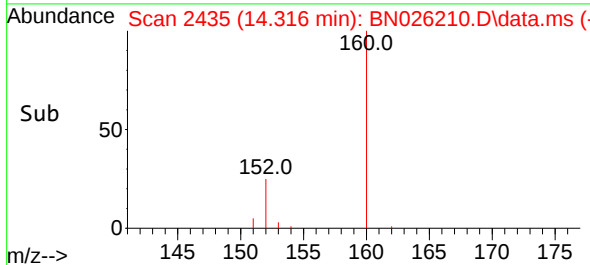
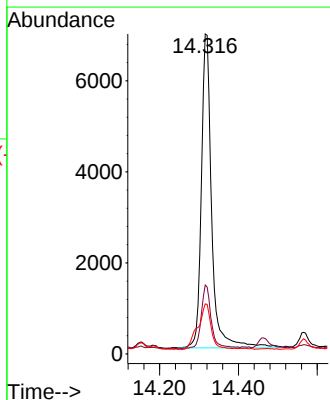
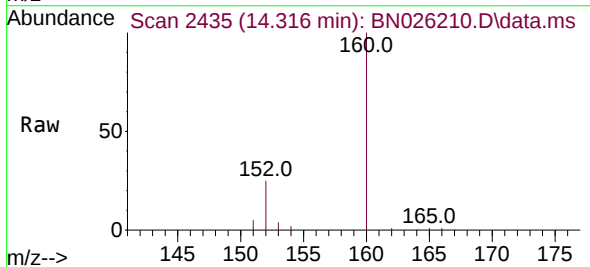
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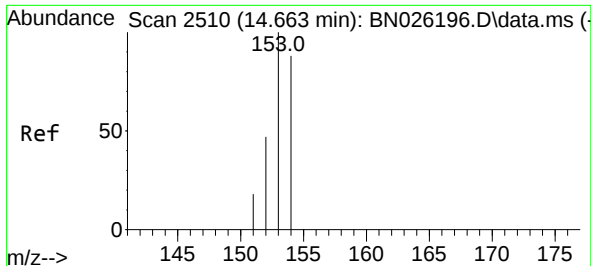
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#10
Acenaphthylene
Concen: 0.184 ng/ul
RT: 14.316 min Scan# 2435
Delta R.T. -0.010 min
Lab File: BN026210.D
Acq: 03 Jul 2023 04:35

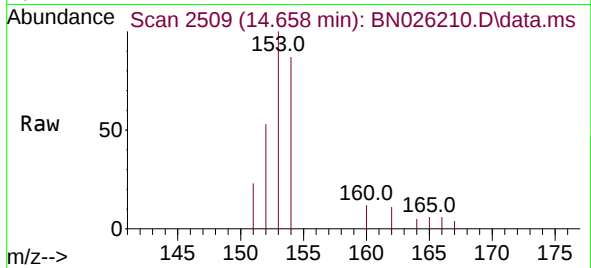
Tgt Ion:152 Resp: 12583
Ion Ratio Lower Upper
152 100
151 21.5 16.2 24.4
153 15.7 10.9 16.3





#11
Acenaphthene
Concen: 0.073 ng/ul
RT: 14.658 min Scan# 2509
Delta R.T. -0.010 min
Lab File: BN026210.D
Acq: 03 Jul 2023 04:35

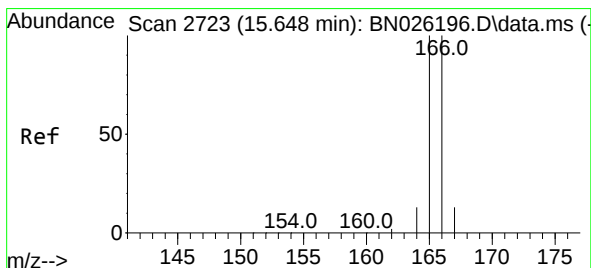
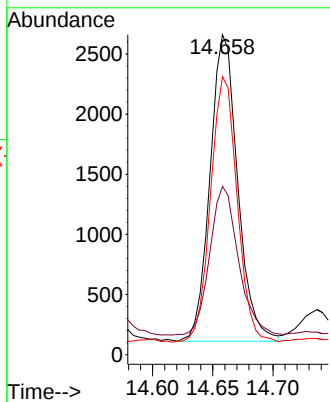
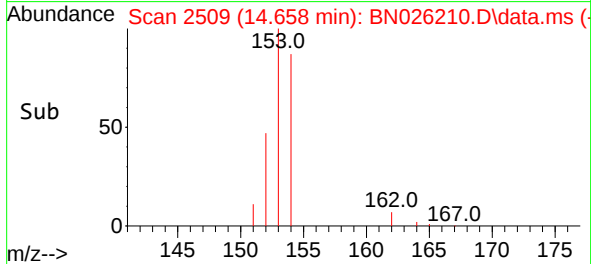
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:153 Resp: 4075
Ion Ratio Lower Upper
153 100
152 52.6 39.4 59.0
154 86.9 68.9 103.3

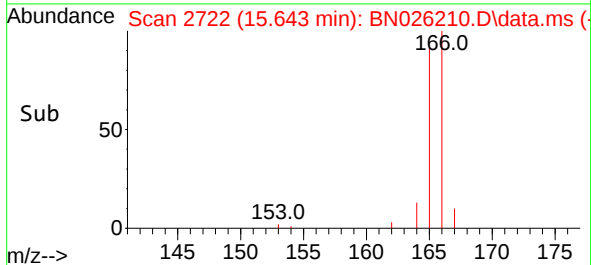
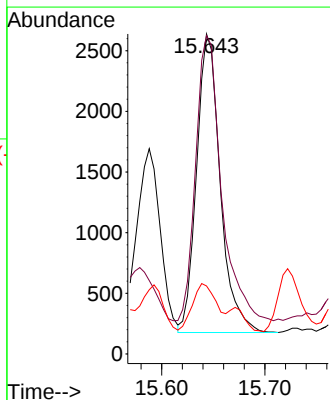
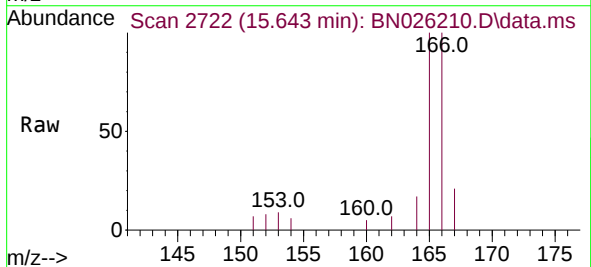
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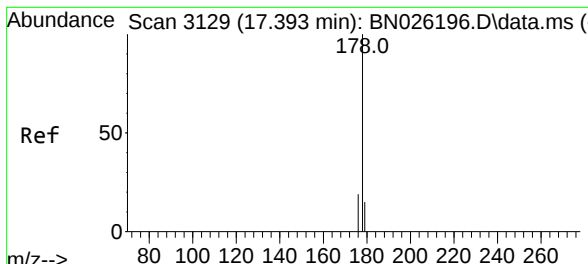
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#12
Fluorene
Concen: 0.061 ng/ul
RT: 15.643 min Scan# 2722
Delta R.T. -0.010 min
Lab File: BN026210.D
Acq: 03 Jul 2023 04:35

Tgt Ion:166 Resp: 3909
Ion Ratio Lower Upper
166 100
165 99.5 79.9 119.9
167 21.3 10.8 16.2#





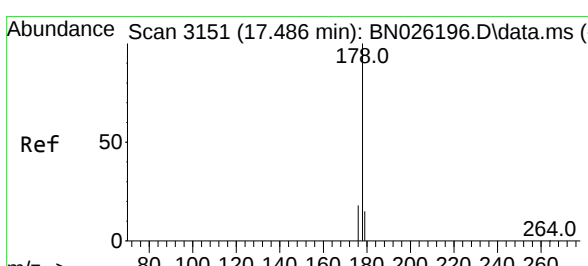
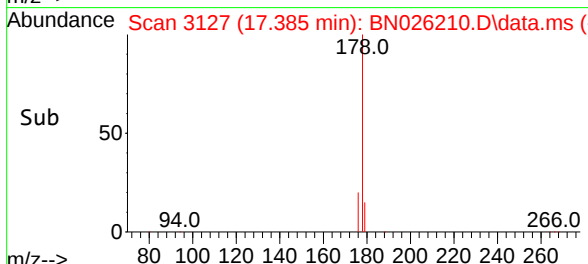
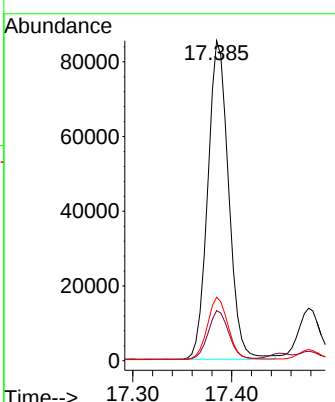
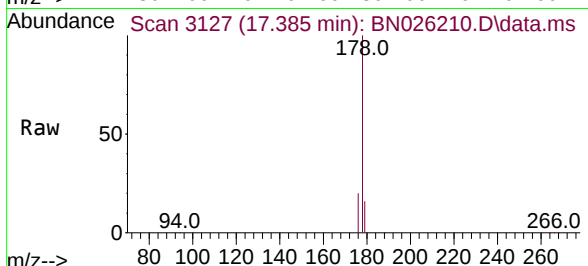
#15
 Phenanthrene
 Concen: 1.285 ng/ul
 RT: 17.385 min Scan# 3127
 Delta R.T. -0.009 min
 Lab File: BN026210.D
 Acq: 03 Jul 2023 04:35

Instrument : BNA_N
 ClientSampleId : DCGF5

Tgt Ion:178 Resp: 124749

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	19.0
176	19.9	15.8	23.6

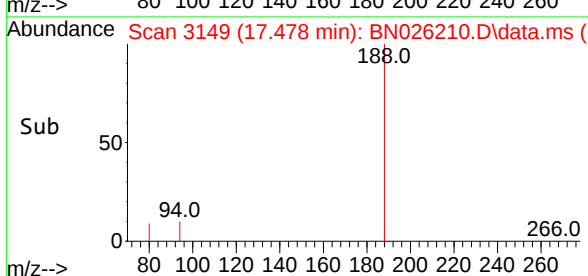
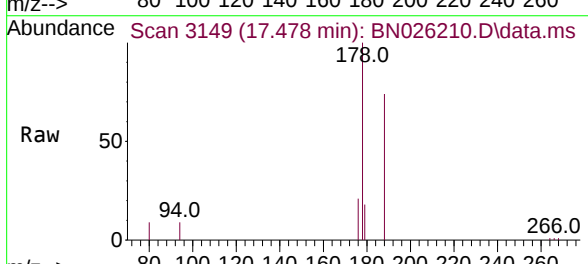
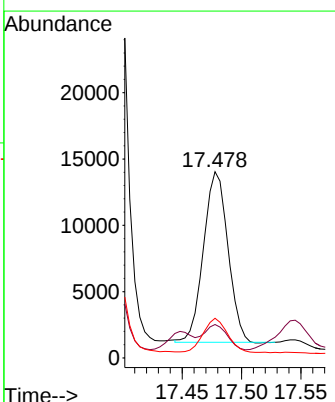
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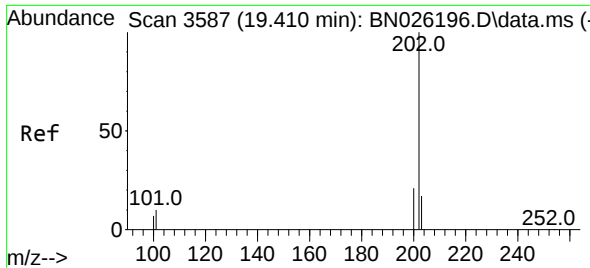


#16
 Anthracene
 Concen: 0.213 ng/ul
 RT: 17.478 min Scan# 3149
 Delta R.T. -0.009 min
 Lab File: BN026210.D
 Acq: 03 Jul 2023 04:35

Tgt Ion:178 Resp: 18389

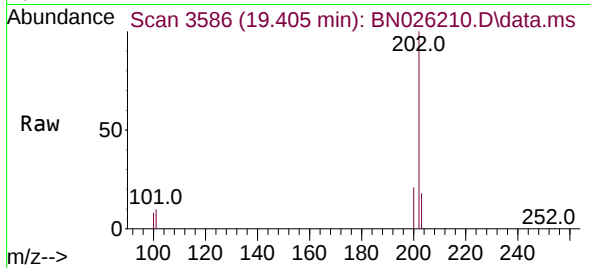
Ion	Ratio	Lower	Upper
178	100		
179	18.0	12.6	18.8
176	21.3	15.1	22.7





#19
Fluoranthene
Concen: 3.959 ng/u1
RT: 19.405 min Scan# 3586
Delta R.T. -0.005 min
Lab File: BN026210.D
Acq: 03 Jul 2023 04:35

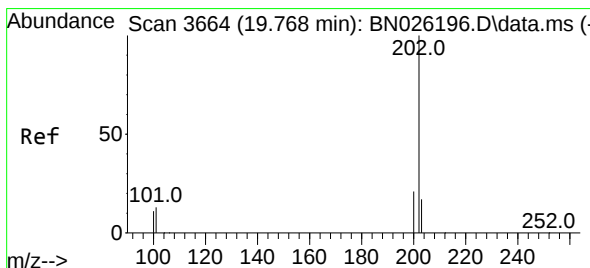
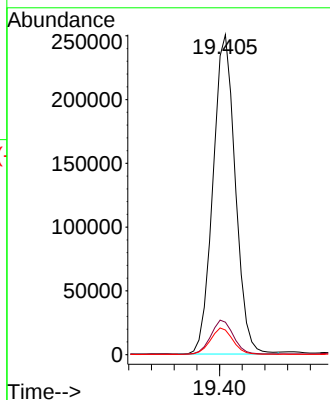
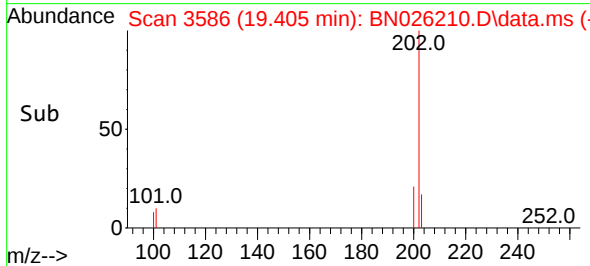
Instrument :
BNA_N
ClientSampleId :
DCGF5



Tgt Ion:202 Resp: 341288
Ion Ratio Lower Upper
202 100
101 10.2 9.5 14.3
100 7.7 7.3 10.9

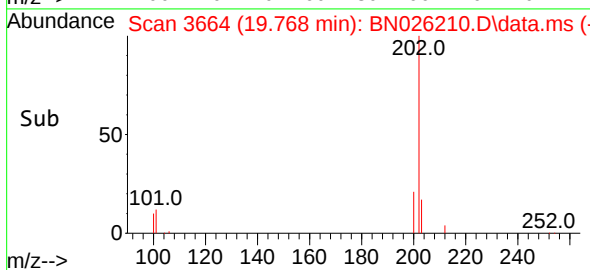
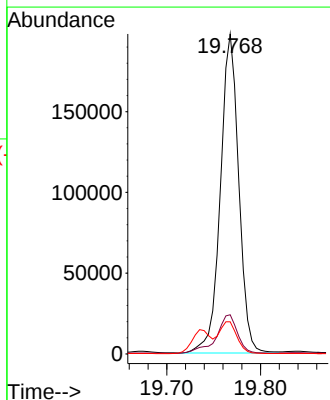
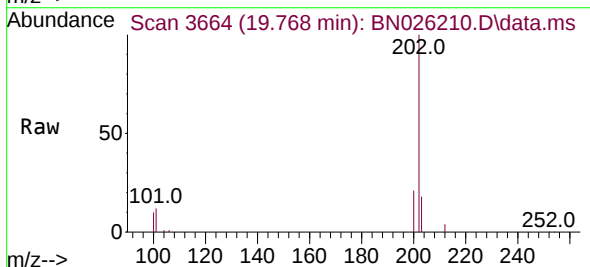
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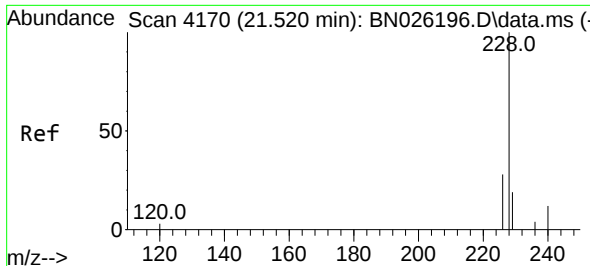
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#20
Pyrene
Concen: 2.996 ng/u1
RT: 19.768 min Scan# 3664
Delta R.T. -0.005 min
Lab File: BN026210.D
Acq: 03 Jul 2023 04:35

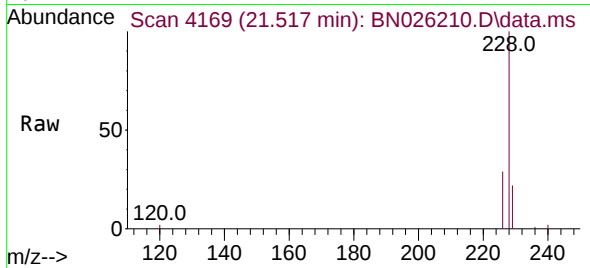
Tgt Ion:202 Resp: 268585
Ion Ratio Lower Upper
202 100
101 12.2 11.4 17.0
100 10.1 9.1 13.7





#21
Benzo(a)anthracene
Concen: 1.915 ng/ul
RT: 21.517 min Scan# 4169
Delta R.T. -0.010 min
Lab File: BN026210.D
Acq: 03 Jul 2023 04:35

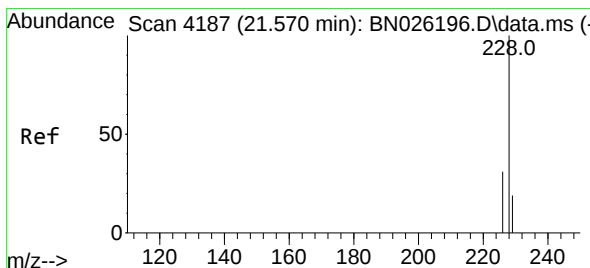
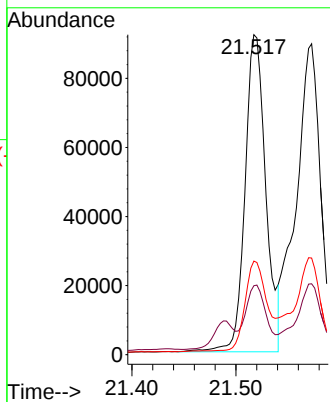
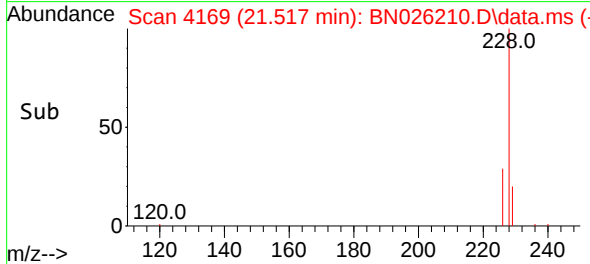
Instrument :
BNA_N
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Tgt Ion:228 Resp: 127529
Ion Ratio Lower Upper
228 100
229 21.6 15.8 23.6
226 29.3 22.5 33.7

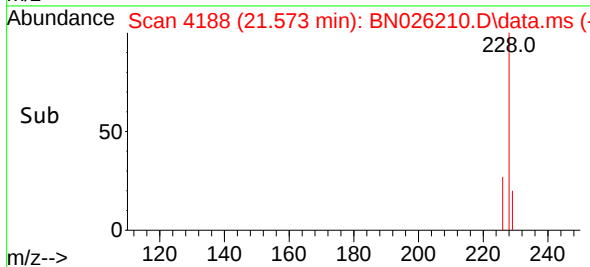
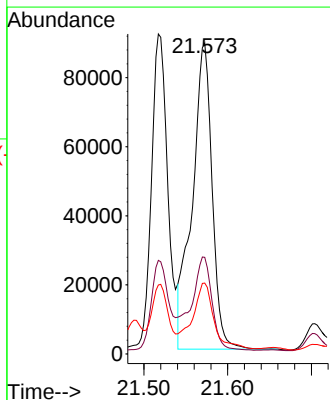
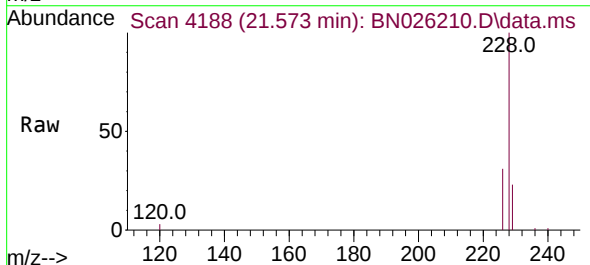
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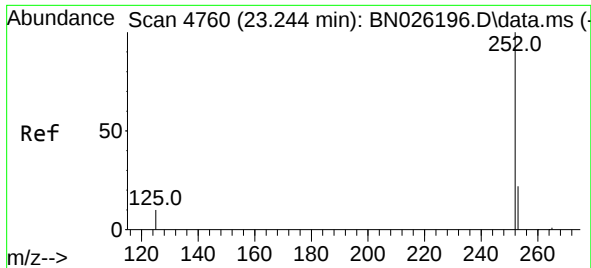
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#22
Chrysene
Concen: 2.113 ng/ul
RT: 21.573 min Scan# 4188
Delta R.T. -0.007 min
Lab File: BN026210.D
Acq: 03 Jul 2023 04:35

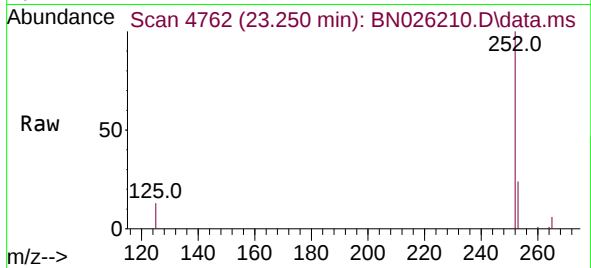
Tgt Ion:228 Resp: 146367
Ion Ratio Lower Upper
228 100
226 31.1 24.8 37.2
229 22.8 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 3.151 ng/ul m
RT: 23.250 min Scan# 4762
Delta R.T. 0.008 min
Lab File: BN026210.D
Acq: 03 Jul 2023 04:35

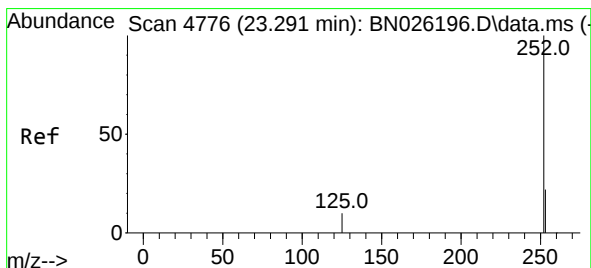
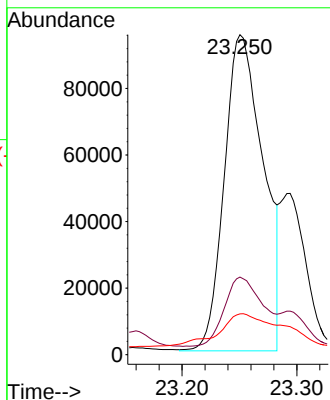
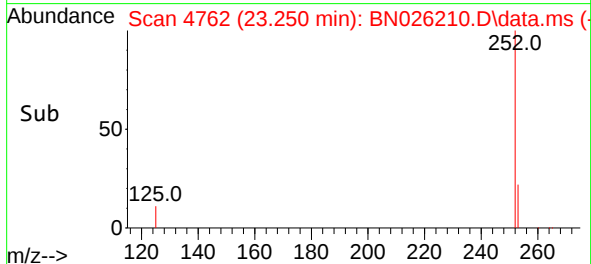
Instrument :
BNA_N
ClientSampleId :
DCGF5



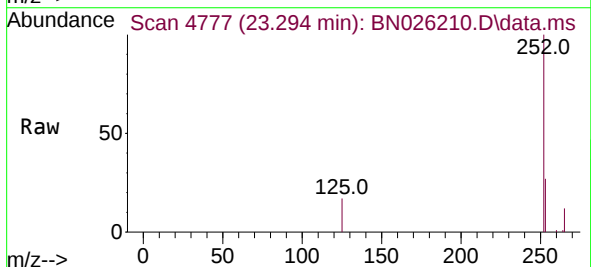
Tgt Ion:252 Resp: 22374
Ion Ratio Lower Upper
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253 24.3 0.0 55.6
125 12.7 0.0 35.8

Manual Integrations
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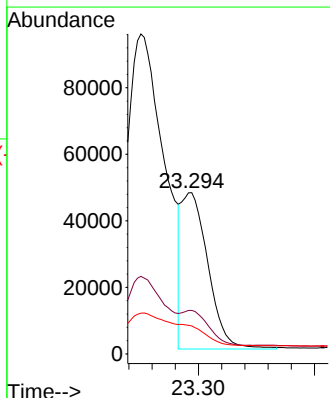
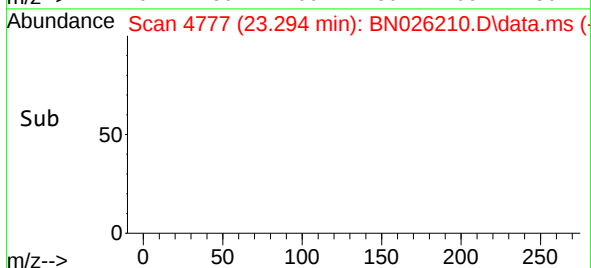
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023

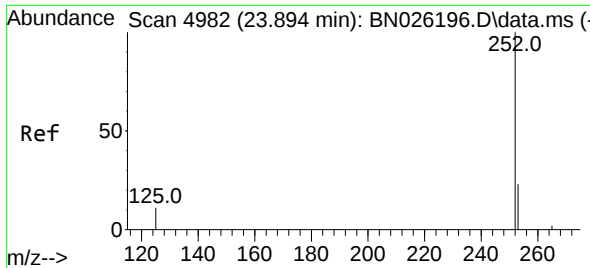


#25
Benzo(k)fluoranthene
Concen: 1.051 ng/ul m
RT: 23.294 min Scan# 4777
Delta R.T. 0.002 min
Lab File: BN026210.D
Acq: 03 Jul 2023 04:35



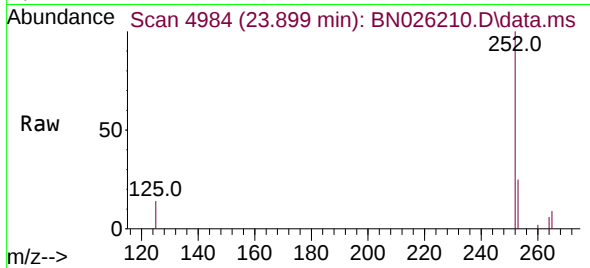
Tgt Ion:252 Resp: 74942
Ion Ratio Lower Upper
252 100
253 27.0 23.2 34.8
125 17.4 15.0 22.4





#26
Benzo(a)pyrene
Concen: 2.238 ng/ul
RT: 23.899 min Scan# 4984
Delta R.T. 0.014 min
Lab File: BN026210.D
Acq: 03 Jul 2023 04:35

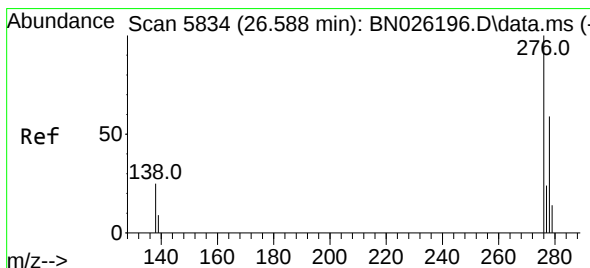
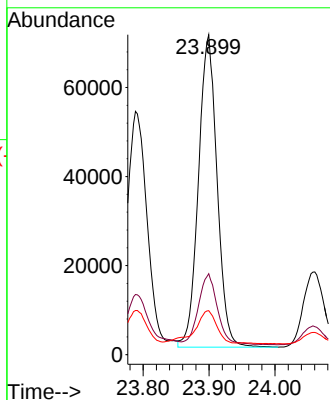
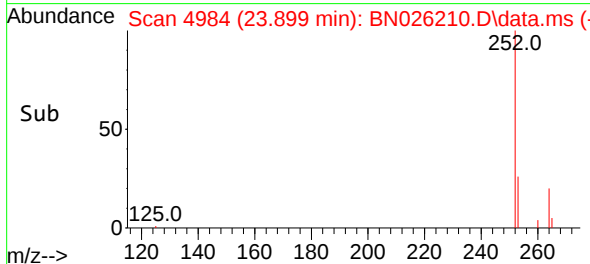
Instrument :
BNA_N
ClientSampleId :
DCGF5



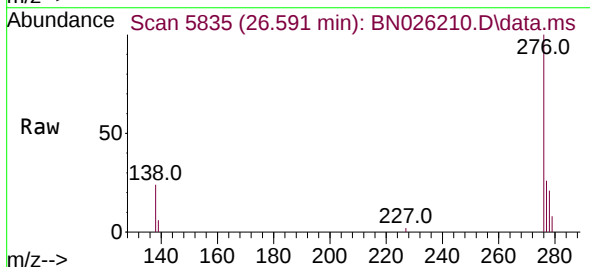
Tgt Ion:252 Resp: 138040
Ion Ratio Lower Upper
252 100
253 25.3 26.0 39.0#
125 13.7 17.3 25.9#

Manual Integrations
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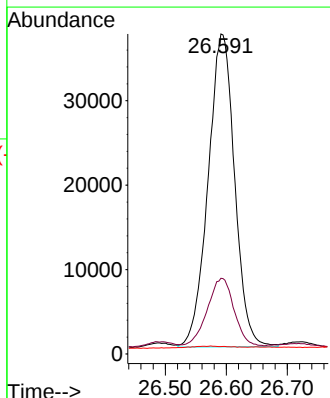
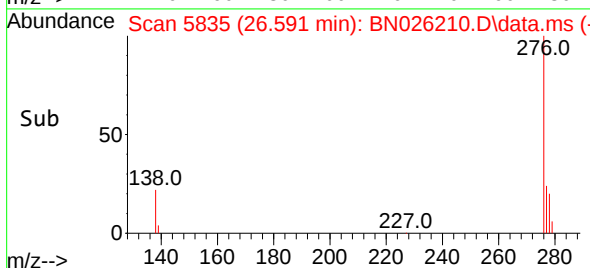
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023

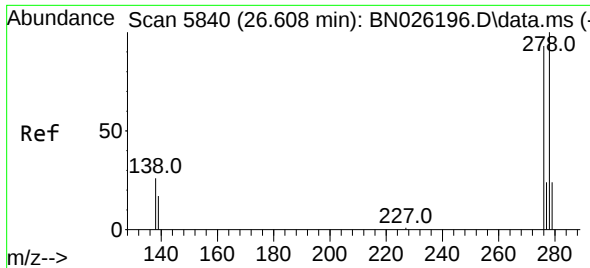


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.663 ng/ul
RT: 26.591 min Scan# 5835
Delta R.T. 0.033 min
Lab File: BN026210.D
Acq: 03 Jul 2023 04:35



Tgt Ion:276 Resp: 112001
Ion Ratio Lower Upper
276 100
138 22.1 24.5 36.7#
227 1.5 0.0 0.0#





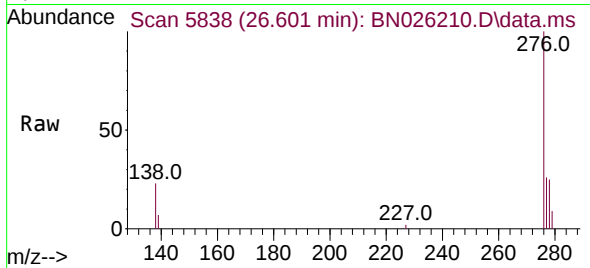
#28
Dibenzo(a,h)anthracene
Concen: 0.539 ng/ul
RT: 26.601 min Scan# 5838
Delta R.T. 0.023 min
Lab File: BN026210.D
Acq: 03 Jul 2023 04:35

Instrument :

BNA_N

ClientSampleId :

DCGF5

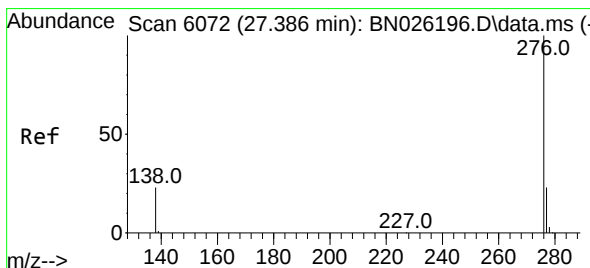
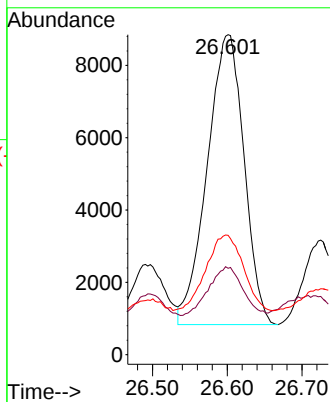
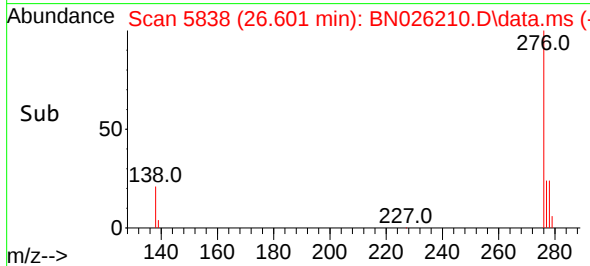


Tgt Ion:278 Resp: 2746
Ion Ratio Lower Upper
278 100
139 27.0 19.0 28.4
279 37.3 26.7 40.1

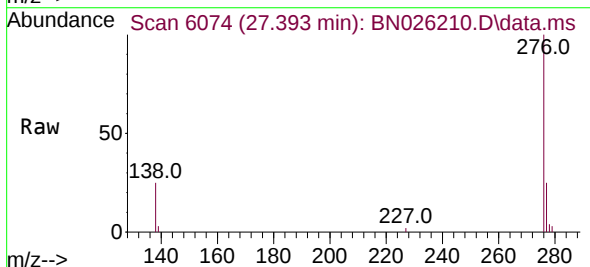
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#29
Benzo(g,h,i)perylene
Concen: 1.852 ng/ul
RT: 27.393 min Scan# 6074
Delta R.T. 0.046 min
Lab File: BN026210.D
Acq: 03 Jul 2023 04:35



Tgt Ion:276 Resp: 110979
Ion Ratio Lower Upper
276 100
138 24.5 23.4 35.0
277 25.3 20.0 30.0

