

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070123\
 Data File : BN026125.D
 Acq On : 30 Jun 2023 11:30
 Operator : MA/JU
 Sample : 03239-13
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFZ1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/01/2023
 Supervised By :mohammad ahmed 07/01/2023

Quant Time: Jul 01 00:54:40 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	7.959	152	9151	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.770	136	29790	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.603	164	17989	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.348	188	37667	0.400	ng/ul	-0.01
17) Chrysene-d12	21.535	240	20063	0.400	ng/ul	# 0.00
23) Perylene-d12	23.997	264	20971	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	13806	1.340	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.359	152	4818	0.105	ng/ul	-0.01
18) Fluoranthene-d10	19.378	212	10374	0.136	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.820	128	35271	0.413	ng/ul	99
7) 2-Methylnaphthalene	12.431	142	14087	0.259	ng/ul	100
8) 1-Methylnaphthalene	12.651	142	8914	0.158	ng/ul	99
10) Acenaphthylene	14.326	152	90243	1.071	ng/ul	99
11) Acenaphthene	14.663	153	15964	0.232	ng/ul	99
12) Fluorene	15.649	166	17826	0.226	ng/ul#	98
15) Phenanthrene	17.390	178	711225	5.716	ng/ul	99
16) Anthracene	17.483	178	120386	1.089	ng/ul	100
19) Fluoranthene	19.406	202	2107020	19.662	ng/ul	97
20) Pyrene	19.768	202	1681243	15.084	ng/ul	96
21) Benzo(a)anthracene	21.518	228	761230	9.197	ng/ul	97
22) Chrysene	21.573	228	865365	10.048	ng/ul	98
24) Benzo(b)fluoranthene	23.245	252	1077732m	12.041	ng/ul	
25) Benzo(k)fluoranthene	23.292	252	428778m	4.770	ng/ul	
26) Benzo(a)pyrene	23.892	252	691151	8.890	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.575	276	519418	6.117	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.585	278	129984	2.023	ng/ul	95
29) Benzo(g,h,i)perylene	27.373	276	476365	6.306	ng/ul	94

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

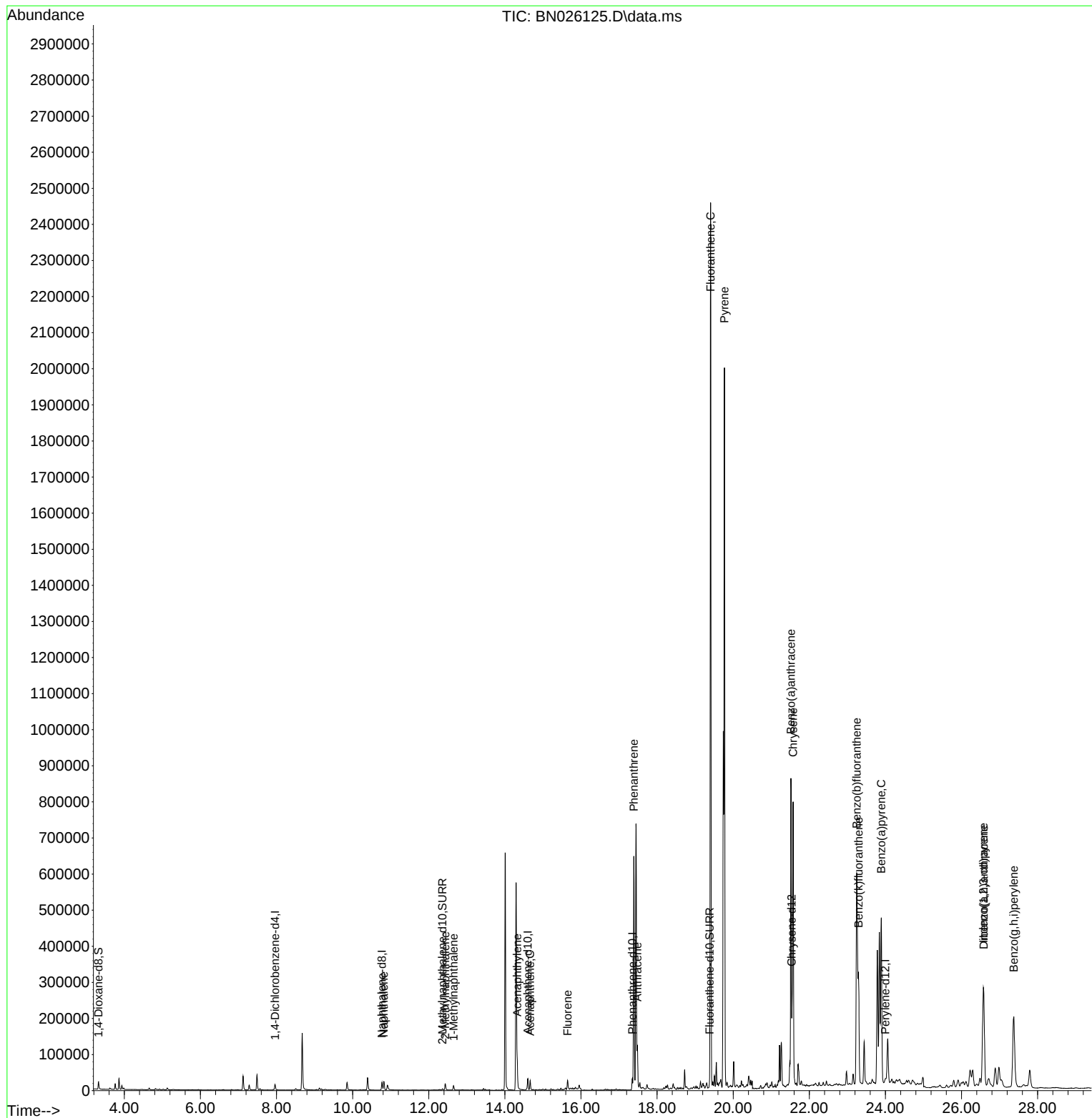
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070123\
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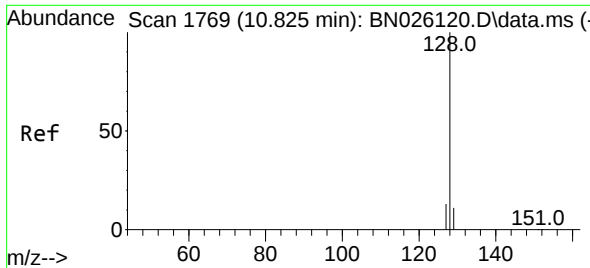
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Quant Time: Jul 01 00:54:40 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
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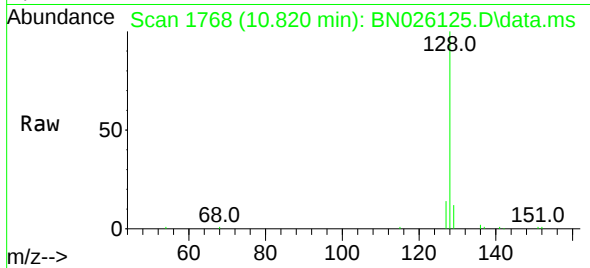
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023





#5
Naphthalene
Concen: 0.413 ng/ul
RT: 10.820 min Scan# 1769
Delta R.T. -0.017 min
Lab File: BN026125.D
Acq: 30 Jun 2023 11:30

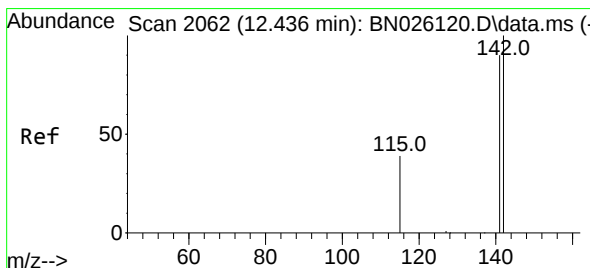
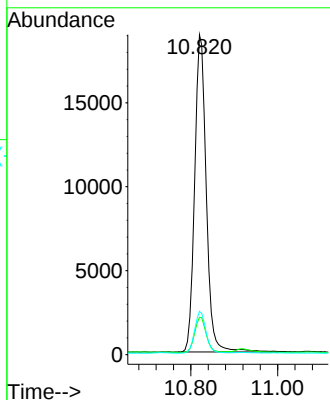
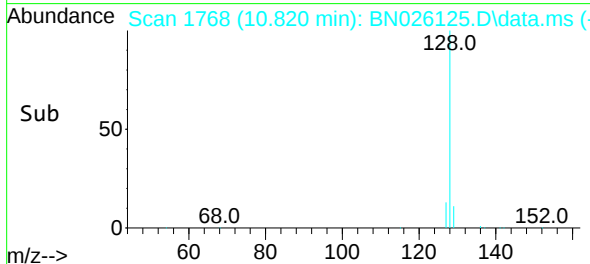
Instrument :
BNA_N
ClientSampleId :
DCFZ1



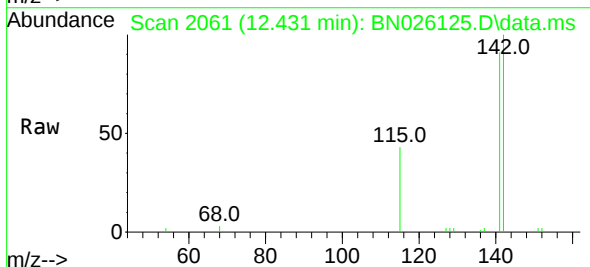
Tgt Ion:128 Resp: 3527
Ion Ratio Lower Upper
128 100
129 11.7 9.1 13.7
127 13.6 10.7 16.1

Manual Integrations
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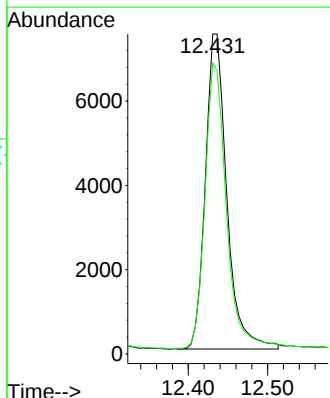
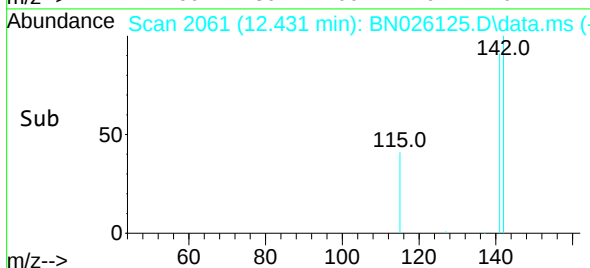
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

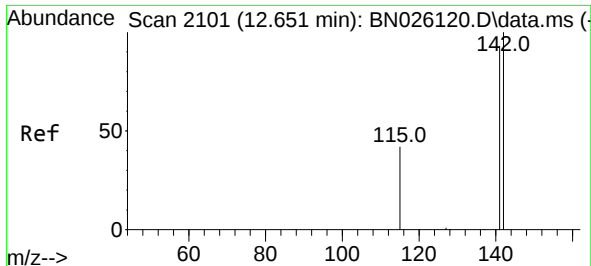


#7
2-Methylnaphthalene
Concen: 0.259 ng/ul
RT: 12.431 min Scan# 2061
Delta R.T. -0.017 min
Lab File: BN026125.D
Acq: 30 Jun 2023 11:30



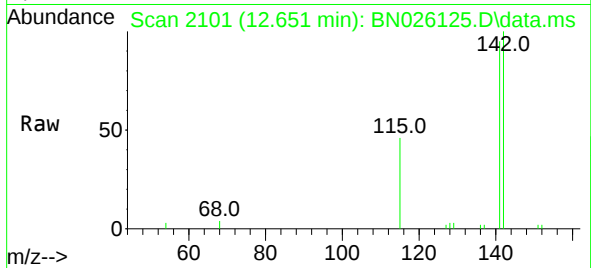
Tgt Ion:142 Resp: 14087
Ion Ratio Lower Upper
142 100
141 89.9 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.158 ng/ul
RT: 12.651 min Scan# 2101
Delta R.T. -0.011 min
Lab File: BN026125.D
Acq: 30 Jun 2023 11:30

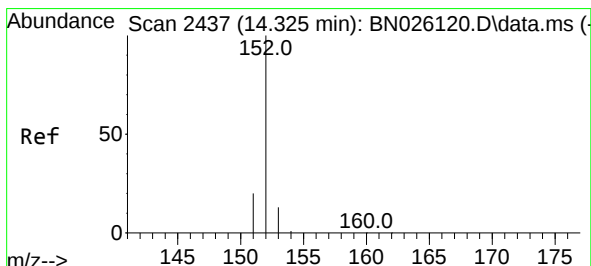
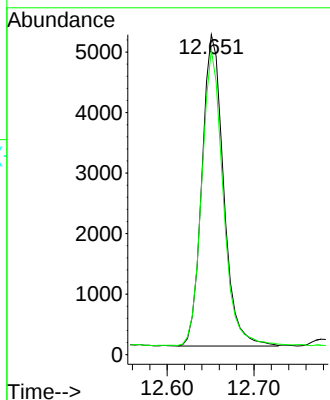
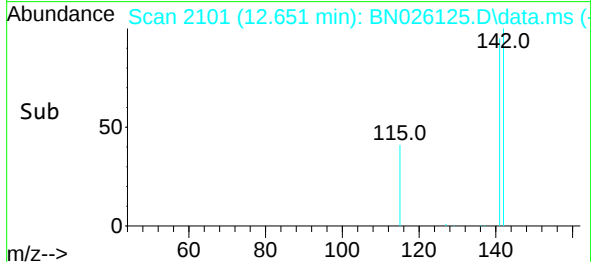
Instrument :
BNA_N
ClientSampleId :
DCFZ1



Tgt Ion:142 Resp: 8914
Ion Ratio Lower Upper
142 100
141 93.8 74.2 111.4

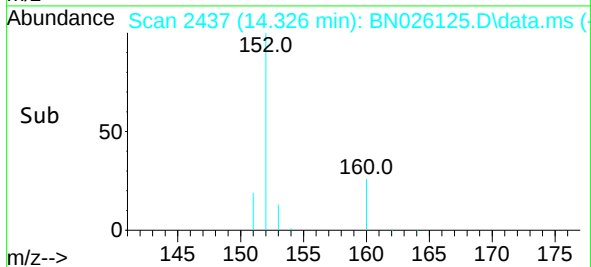
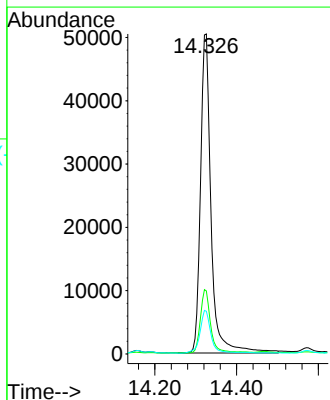
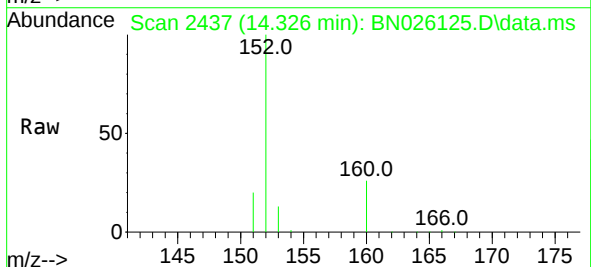
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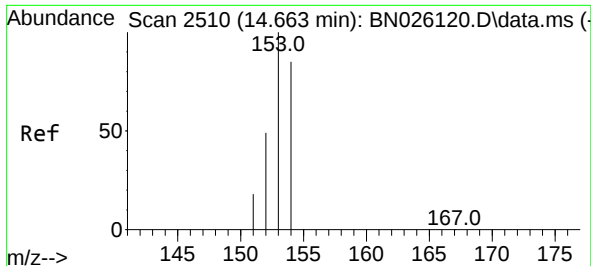
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#10
Acenaphthylene
Concen: 1.071 ng/ul
RT: 14.326 min Scan# 2437
Delta R.T. -0.004 min
Lab File: BN026125.D
Acq: 30 Jun 2023 11:30

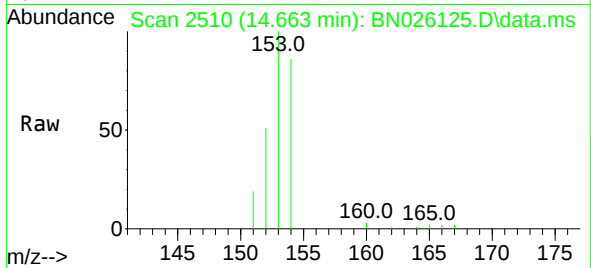
Tgt Ion:152 Resp: 90243
Ion Ratio Lower Upper
152 100
151 19.7 16.2 24.4
153 13.4 10.9 16.3





#11
Acenaphthene
Concen: 0.232 ng/u1
RT: 14.663 min Scan# 21
Delta R.T. -0.008 min
Lab File: BN026125.D
Acq: 30 Jun 2023 11:30

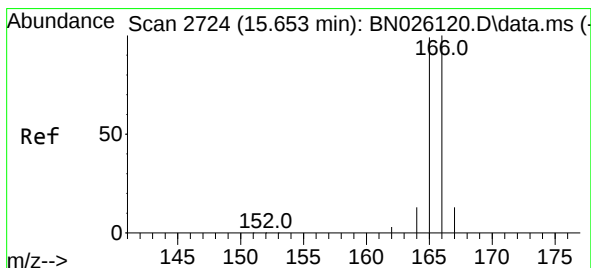
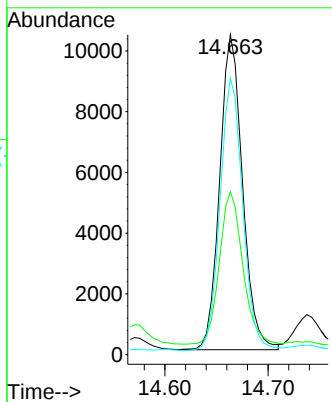
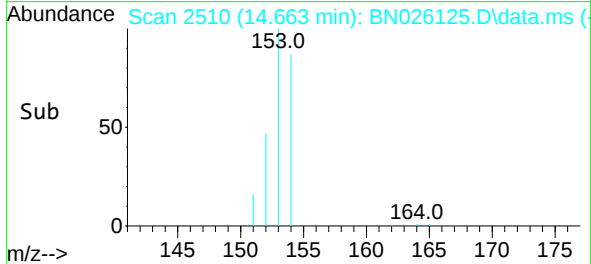
Instrument :
BNA_N
ClientSampleId :
DCFZ1



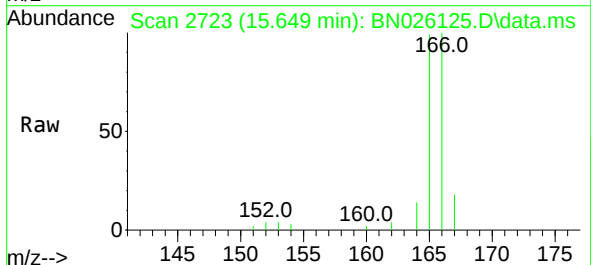
Tgt Ion:153 Resp: 15964
Ion Ratio Lower Upper
153 100
152 51.0 39.4 59.0
154 86.5 68.9 103.3

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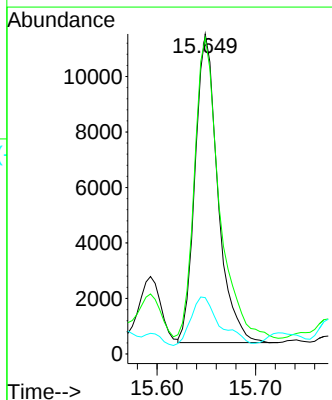
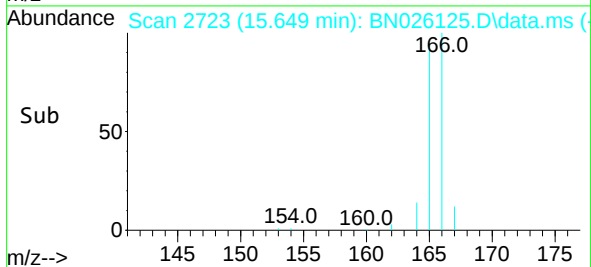
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

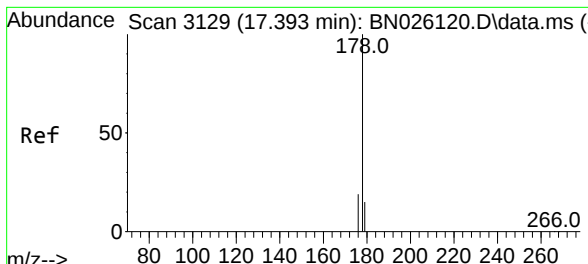


#12
Fluorene
Concen: 0.226 ng/u1
RT: 15.649 min Scan# 2723
Delta R.T. -0.013 min
Lab File: BN026125.D
Acq: 30 Jun 2023 11:30



Tgt Ion:166 Resp: 17826
Ion Ratio Lower Upper
166 100
165 98.8 79.9 119.9
167 17.6 10.8 16.2#





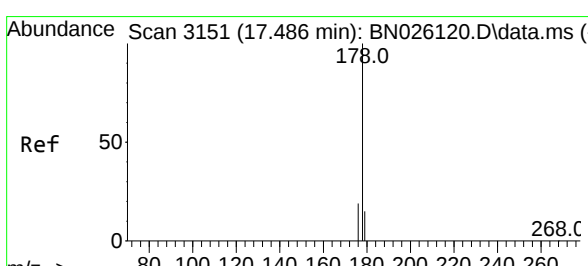
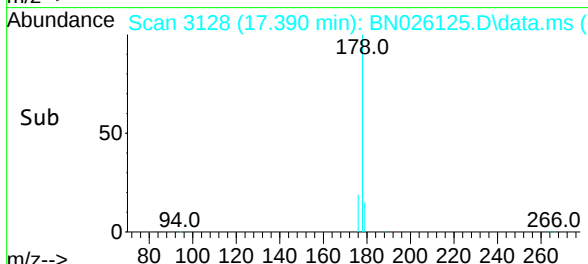
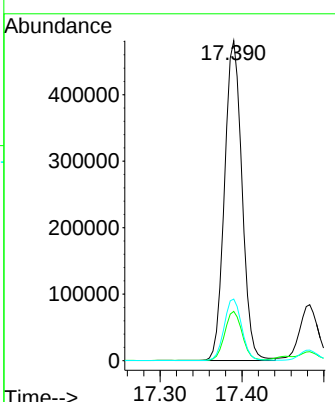
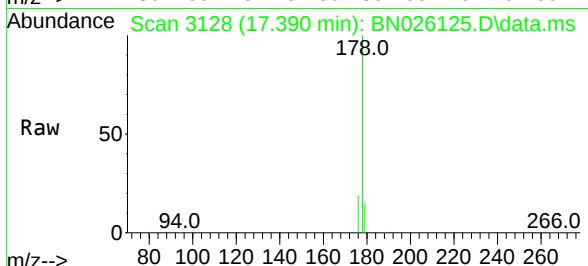
#15
 Phenanthrene
 Concen: 5.716 ng/u1
 RT: 17.390 min Scan# 3129
 Delta R.T. -0.012 min
 Lab File: BN026125.D
 Acq: 30 Jun 2023 11:30

Instrument : BNA_N
 ClientSampleId : DCFZ1

Tgt Ion:178 Resp: 711225

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	19.0
176	19.3	15.8	23.6

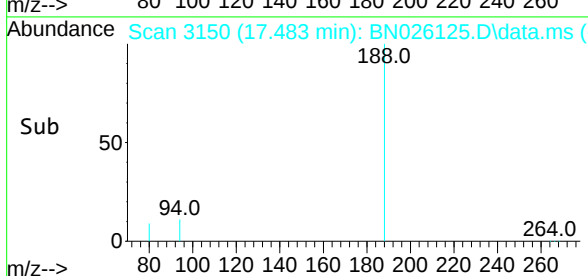
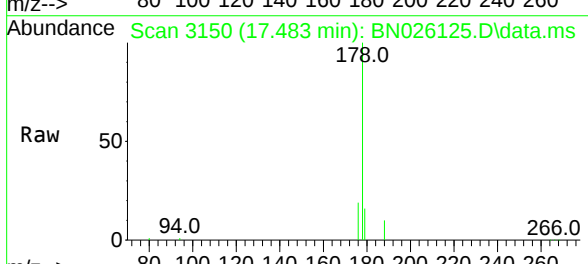
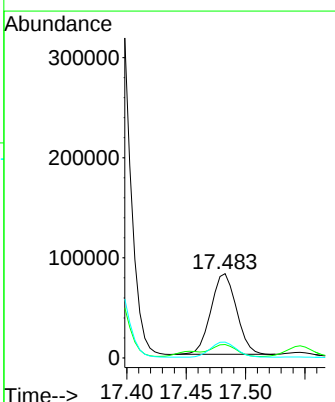
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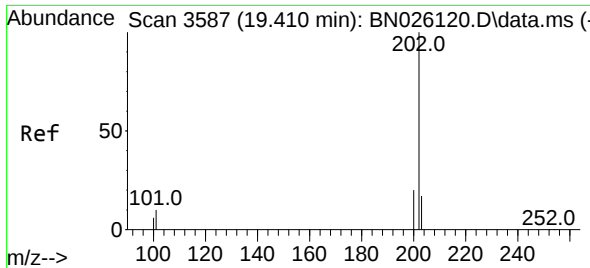


#16
 Anthracene
 Concen: 1.089 ng/u1
 RT: 17.483 min Scan# 3150
 Delta R.T. -0.012 min
 Lab File: BN026125.D
 Acq: 30 Jun 2023 11:30

Tgt Ion:178 Resp: 120386

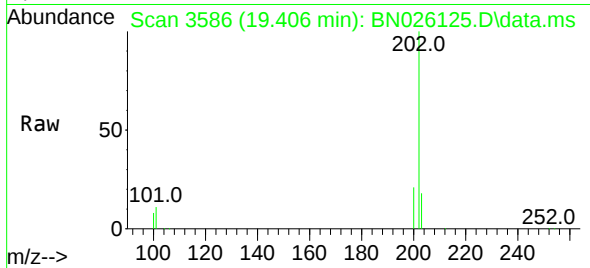
Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.6	18.8
176	18.8	15.1	22.7





#19
Fluoranthene
Concen: 19.662 ng/u1
RT: 19.406 min Scan# 3586
Delta R.T. -0.008 min
Lab File: BN026125.D
Acq: 30 Jun 2023 11:30

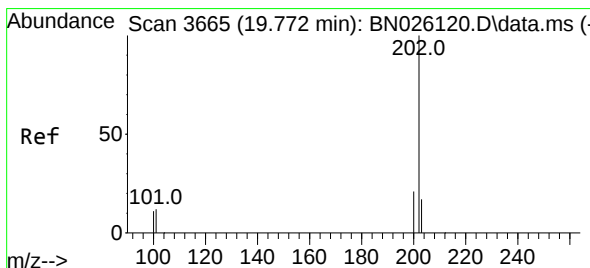
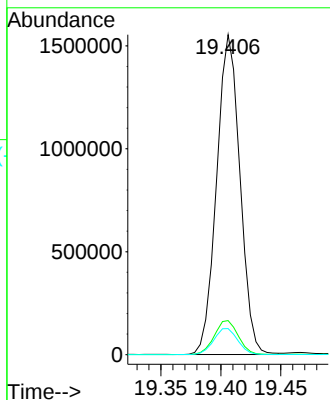
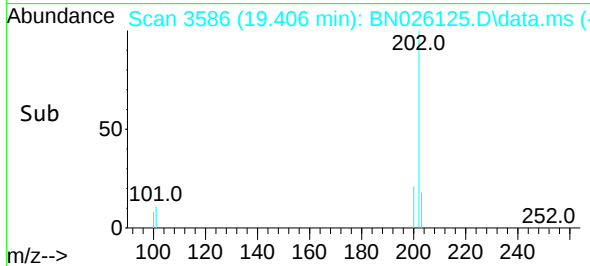
Instrument :
BNA_N
ClientSampleId :
DCFZ1



Tgt Ion:202 Resp: 2107020
Ion Ratio Lower Upper
202 100
101 10.7 9.5 14.3
100 8.1 7.3 10.9

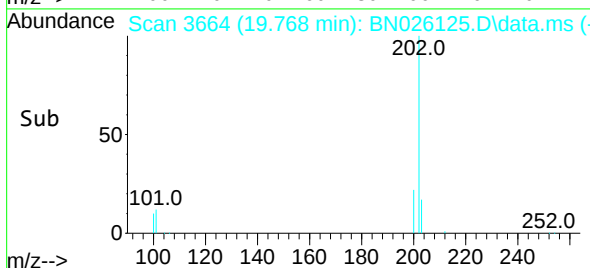
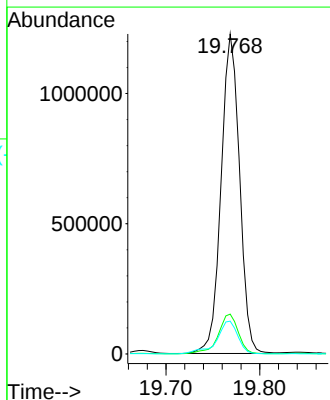
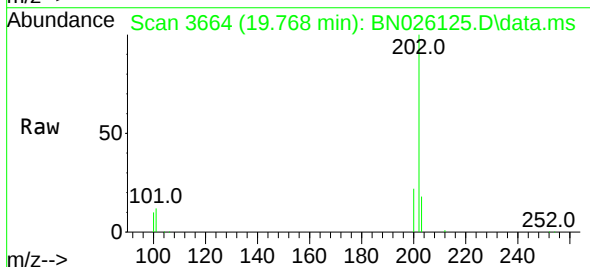
Manual Integrations
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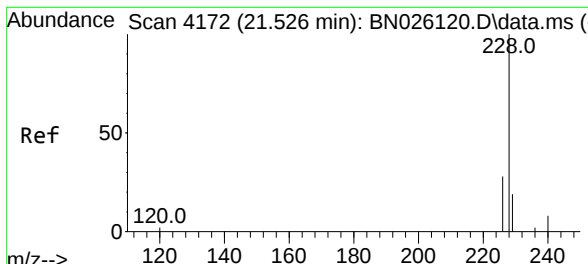
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#20
Pyrene
Concen: 15.084 ng/u1
RT: 19.768 min Scan# 3664
Delta R.T. -0.008 min
Lab File: BN026125.D
Acq: 30 Jun 2023 11:30

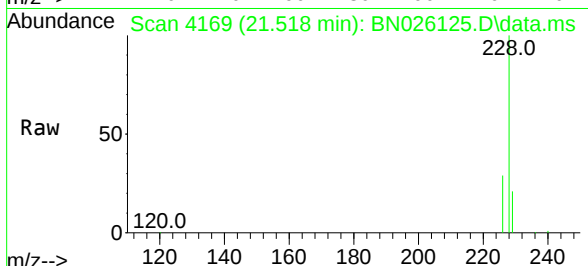
Tgt Ion:202 Resp: 1681243
Ion Ratio Lower Upper
202 100
101 12.4 11.4 17.0
100 10.3 9.1 13.7





#21
Benzo(a)anthracene
Concen: 9.197 ng/u1
RT: 21.518 min Scan# 4169
Delta R.T. -0.011 min
Lab File: BN026125.D
Acq: 30 Jun 2023 11:30

Instrument :
BNA_N
ClientSampleId :
DCFZ1

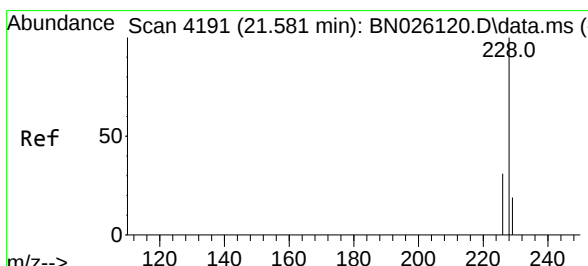
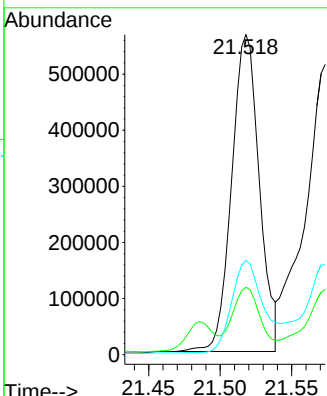
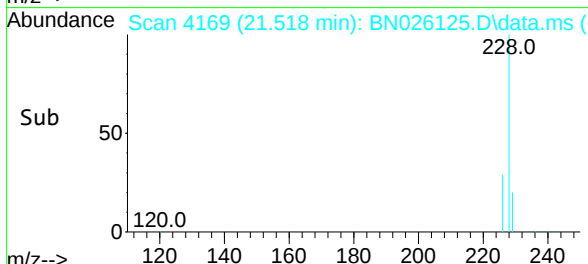


Tgt Ion:228 Resp: 761230

Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.8	23.6
226	29.4	22.5	33.7

Manual Integrations
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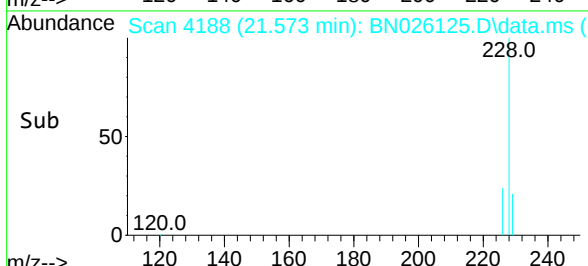
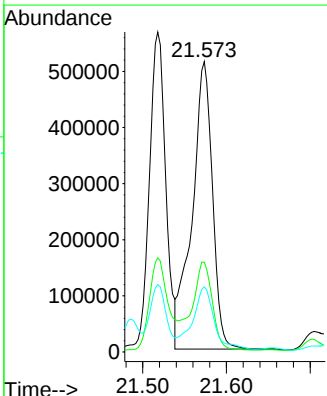
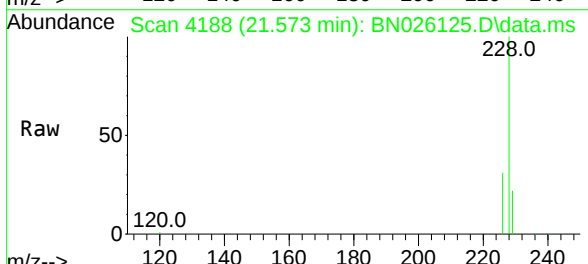
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

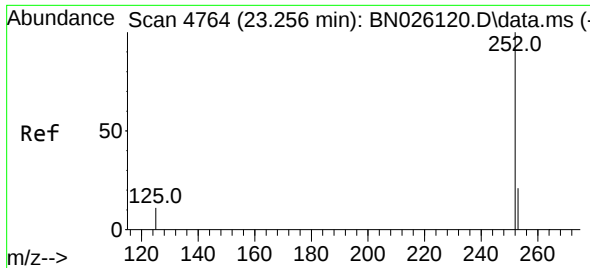


#22
Chrysene
Concen: 10.048 ng/u1
RT: 21.573 min Scan# 4188
Delta R.T. -0.005 min
Lab File: BN026125.D
Acq: 30 Jun 2023 11:30

Tgt Ion:228 Resp: 865365

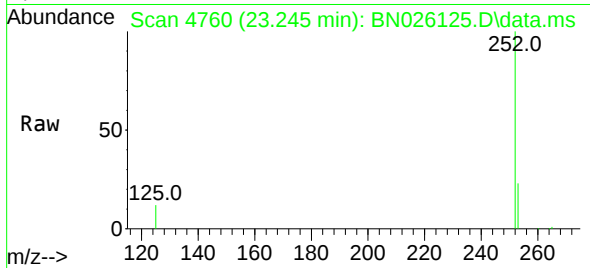
Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.8	37.2
229	22.4	15.7	23.5





#24
Benzo(b)fluoranthene
Concen: 12.041 ng/ul m
RT: 23.245 min Scan# 4760
Delta R.T. -0.008 min
Lab File: BN026125.D
Acq: 30 Jun 2023 11:30

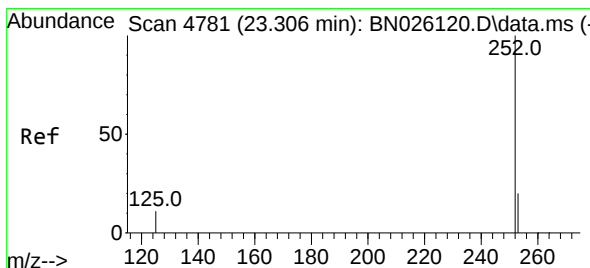
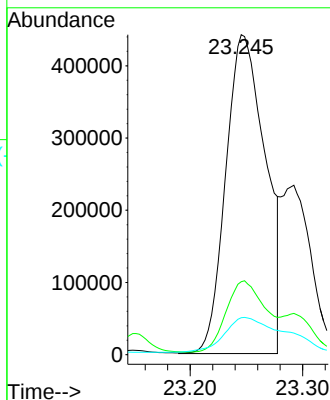
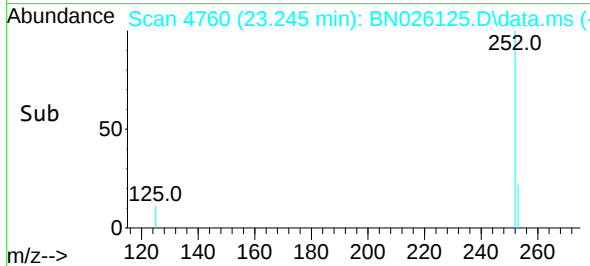
Instrument :
BNA_N
ClientSampleId :
DCFZ1



Tgt Ion:252 Resp: 107773
Ion Ratio Lower Upper
252 100
253 22.8 0.0 55.6
125 11.6 0.0 35.8

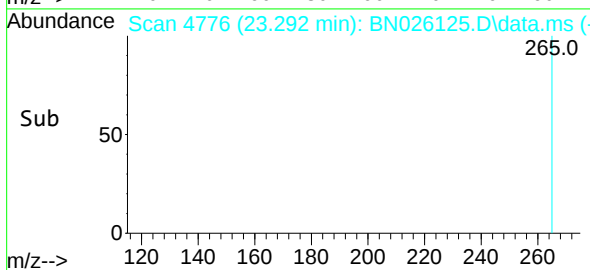
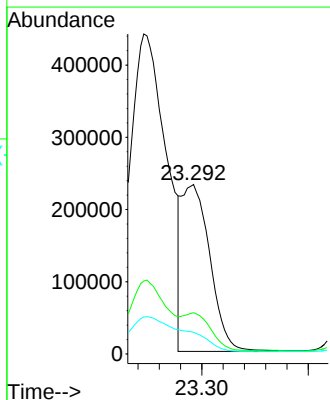
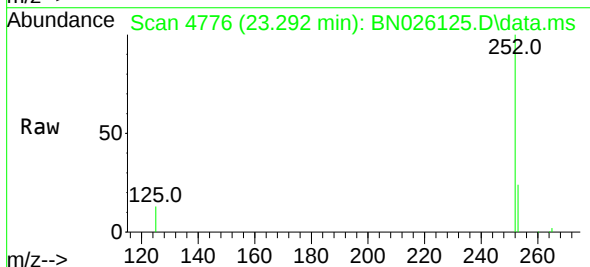
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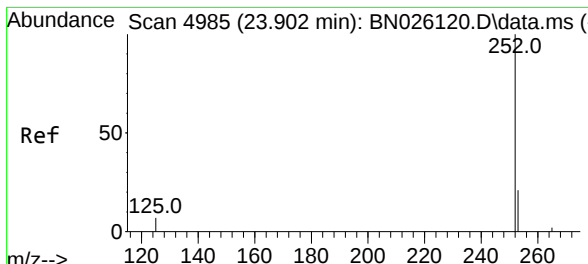
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#25
Benzo(k)fluoranthene
Concen: 4.770 ng/ul m
RT: 23.292 min Scan# 4776
Delta R.T. -0.011 min
Lab File: BN026125.D
Acq: 30 Jun 2023 11:30

Tgt Ion:252 Resp: 428778
Ion Ratio Lower Upper
252 100
253 24.3 23.2 34.8
125 12.8 15.0 22.4#





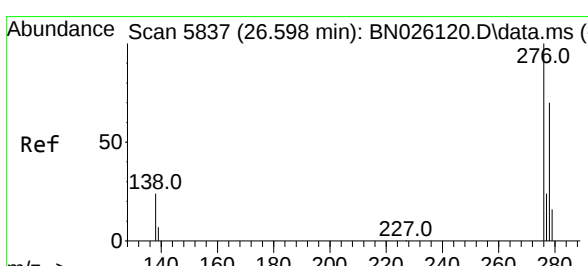
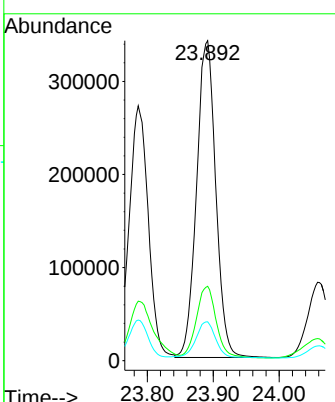
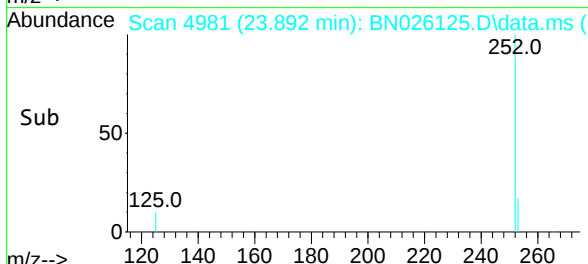
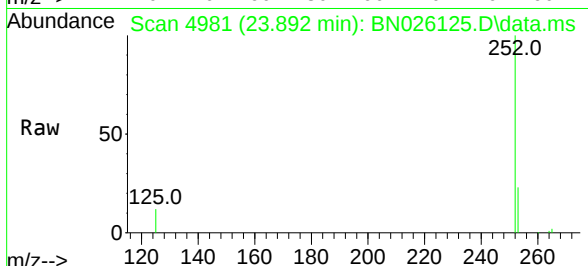
#26
 Benzo(a)pyrene
 Concen: 8.890 ng/ul
 RT: 23.892 min Scan# 4981
 Delta R.T. -0.014 min
 Lab File: BN026125.D
 Acq: 30 Jun 2023 11:30

Instrument : BNA_N
 ClientSampleId : DCFZ1

Tgt Ion:252 Resp: 69115

Ion	Ratio	Lower	Upper
252	100		
253	23.3	26.0	39.0
125	12.2	17.3	25.9

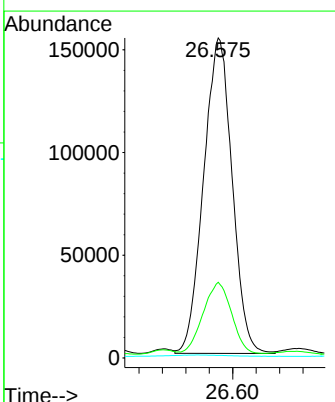
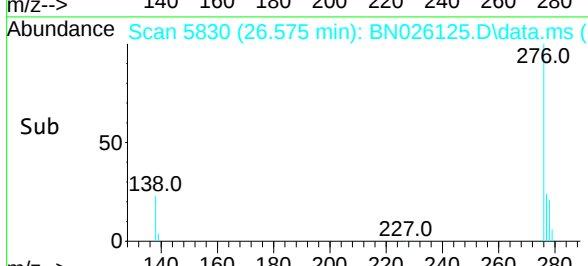
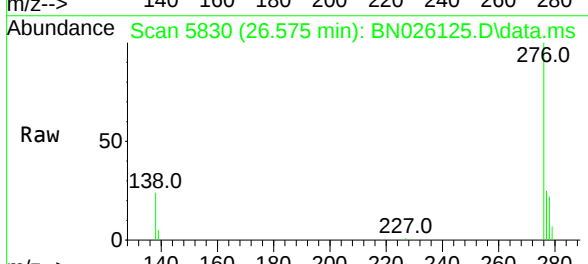
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 Reviewed By :Yogesh Patel 07/01/2023
 Supervised By :mohammad ahmed 07/01/2023

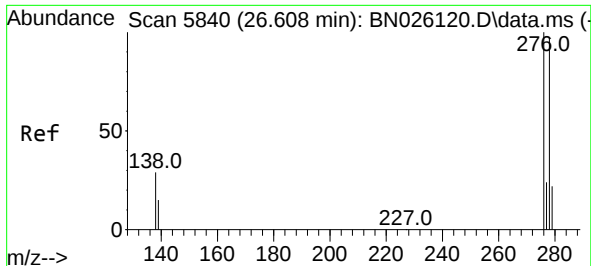


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 6.117 ng/ul
 RT: 26.575 min Scan# 5830
 Delta R.T. -0.019 min
 Lab File: BN026125.D
 Acq: 30 Jun 2023 11:30

Tgt Ion:276 Resp: 519418

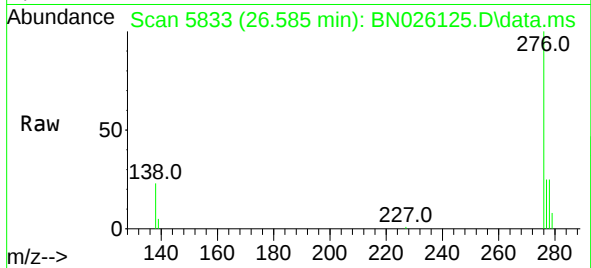
Ion	Ratio	Lower	Upper
276	100		
138	22.9	24.5	36.7
227	0.0	0.0	0.0





#28
Dibenzo(a,h)anthracene
Concen: 2.023 ng/ul
RT: 26.585 min Scan# 5833
Delta R.T. -0.029 min
Lab File: BN026125.D
Acq: 30 Jun 2023 11:30

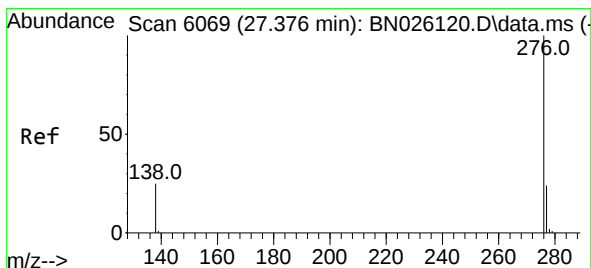
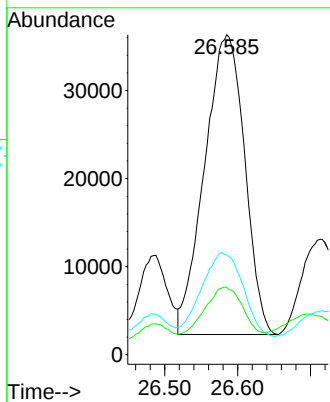
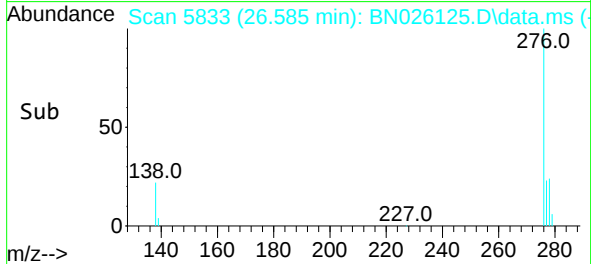
Instrument :
BNA_N
ClientSampleId :
DCFZ1



Tgt Ion:278 Resp: 129984
Ion Ratio Lower Upper
278 100
139 21.0 19.0 28.4
279 31.1 26.7 40.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#29
Benzo(g,h,i)perylene
Concen: 6.306 ng/ul
RT: 27.373 min Scan# 6068
Delta R.T. -0.013 min
Lab File: BN026125.D
Acq: 30 Jun 2023 11:30

Tgt Ion:276 Resp: 476365
Ion Ratio Lower Upper
276 100
138 23.7 23.4 35.0
277 24.1 20.0 30.0

