

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070123\
 Data File : BN026131.D
 Acq On : 30 Jun 2023 15:09
 Operator : MA/JU
 Sample : 03239-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFY2

Manual Integrations
 APPROVED

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

Quant Time: Jul 01 00:55:51 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	9328	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.774	136	30883	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.602	164	18403	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.351	188	38896	0.400	ng/ul	0.00
17) Chrysene-d12	21.543	240	21781	0.400	ng/ul	0.00
23) Perylene-d12	24.010	264	23679	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	11947	1.137	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.364	152	3835	0.081	ng/ul	0.00
18) Fluoranthene-d10	19.376	212	8060	0.097	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.824	128	16348	0.185	ng/ul	99
7) 2-Methylnaphthalene	12.435	142	6809	0.121	ng/ul	100
8) 1-Methylnaphthalene	12.655	142	4405	0.075	ng/ul	99
10) Acenaphthylene	14.325	152	16658	0.193	ng/ul	98
11) Acenaphthene	14.667	153	7061	0.100	ng/ul	97
12) Fluorene	15.652	166	8734	0.108	ng/ul	97
15) Phenanthrene	17.393	178	193687	1.508	ng/ul	99
16) Anthracene	17.481	178	44487	0.390	ng/ul	99
19) Fluoranthene	19.409	202	642546	5.523	ng/ul	98
20) Pyrene	19.771	202	588021	4.860	ng/ul	97
21) Benzo(a)anthracene	21.525	228	489021	5.442	ng/ul	99
22) Chrysene	21.581	228	609056	6.514	ng/ul	98
24) Benzo(b)fluoranthene	23.261	252	1007397m	9.968	ng/ul	
25) Benzo(k)fluoranthene	23.302	252	294447m	2.901	ng/ul	
26) Benzo(a)pyrene	23.904	252	493067	5.617	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.600	276	442385	4.614	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.610	278	147539	2.033	ng/ul#	88
29) Benzo(g,h,i)perylene	27.395	276	81055	0.950	ng/ul	96

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

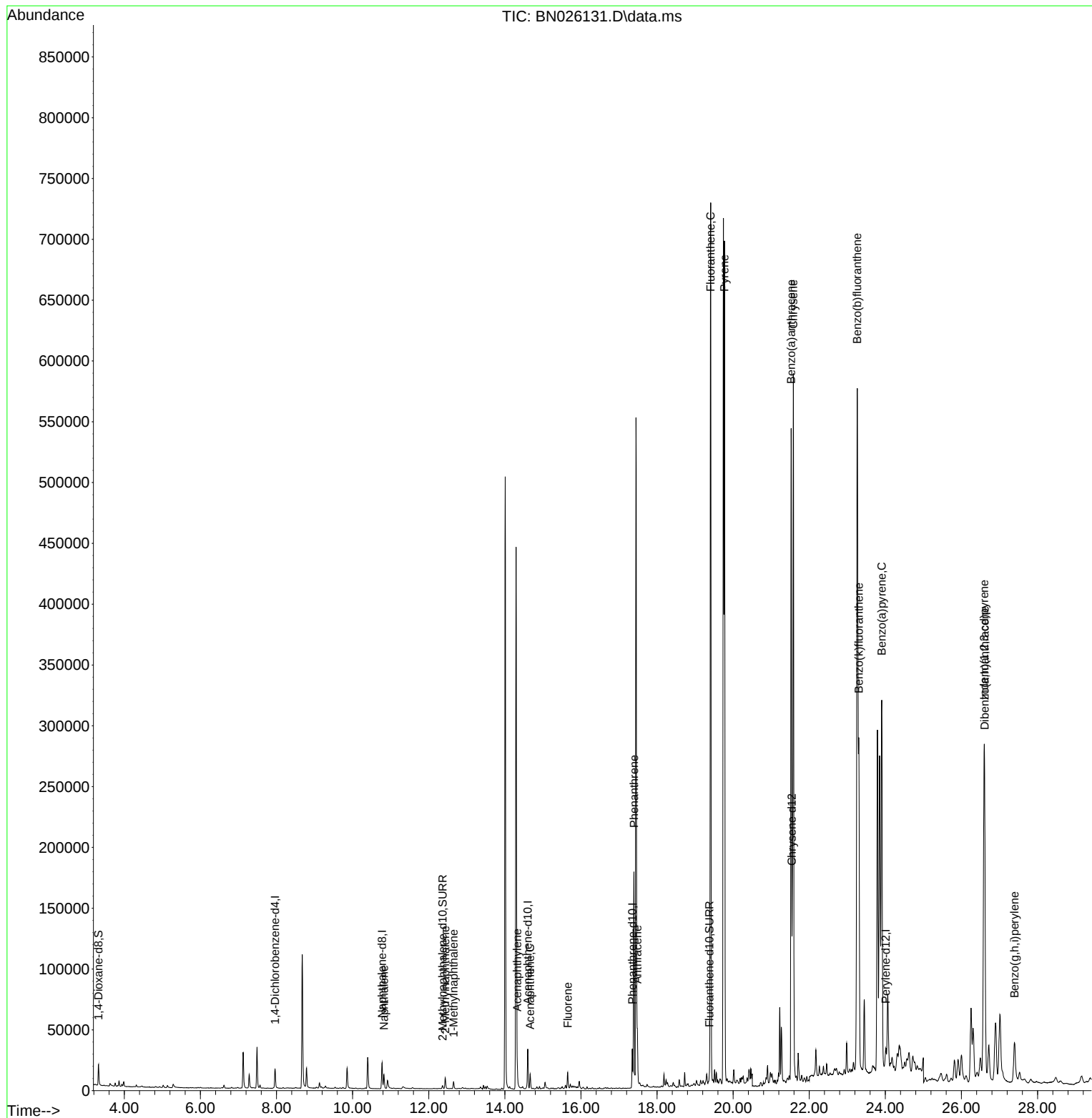
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070123\
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ALS Vial : 13 Sample Multiplier: 1

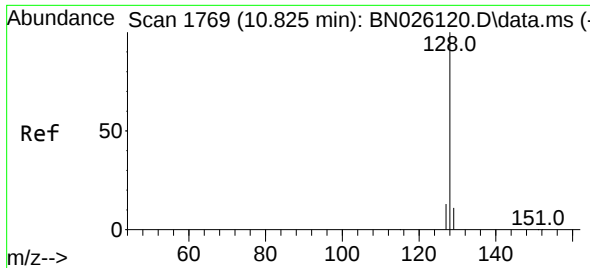
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Quant Time: Jul 01 00:55:51 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
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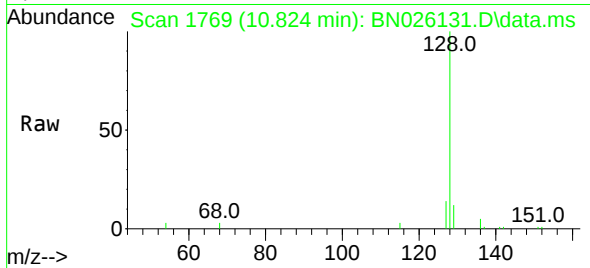
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023





#5
Naphthalene
Concen: 0.185 ng/ul
RT: 10.824 min Scan# 1769
Delta R.T. -0.012 min
Lab File: BN026131.D
Acq: 30 Jun 2023 15:09

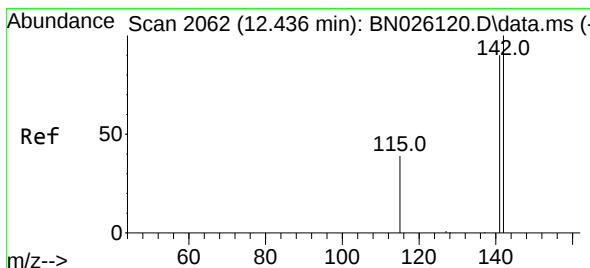
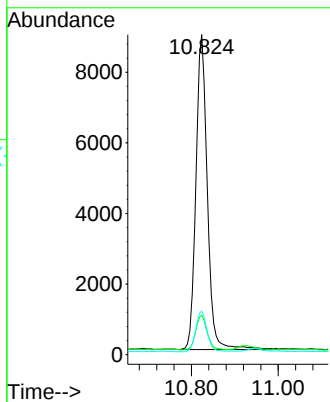
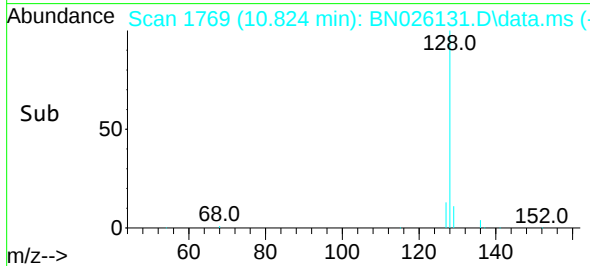
Instrument :
BNA_N
ClientSampleId :
DCFY2



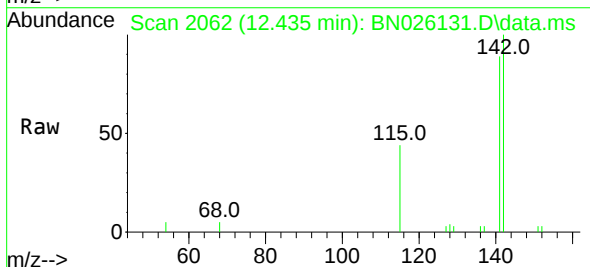
Tgt Ion:128 Resp: 16348
Ion Ratio Lower Upper
128 100
129 12.4 9.1 13.7
127 13.6 10.7 16.1

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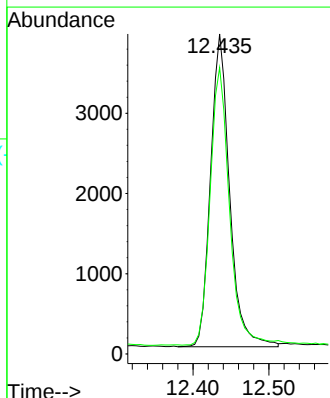
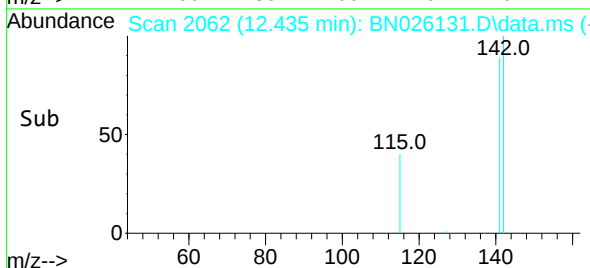
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

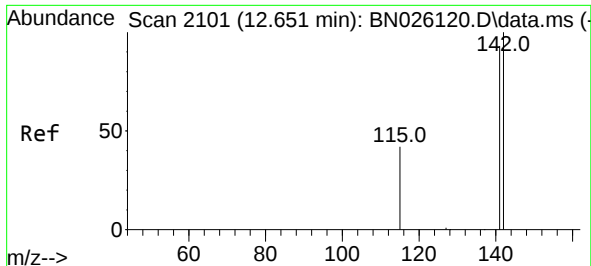


#7
2-Methylnaphthalene
Concen: 0.121 ng/ul
RT: 12.435 min Scan# 2062
Delta R.T. -0.012 min
Lab File: BN026131.D
Acq: 30 Jun 2023 15:09



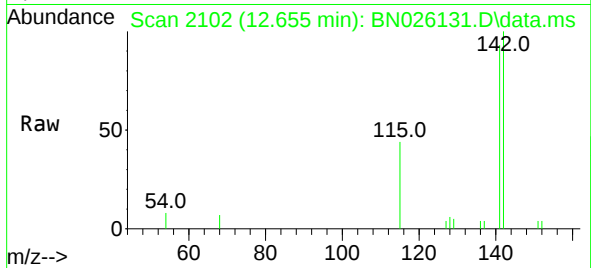
Tgt Ion:142 Resp: 6809
Ion Ratio Lower Upper
142 100
141 89.7 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.075 ng/u1
RT: 12.655 min Scan# 2101
Delta R.T. -0.007 min
Lab File: BN026131.D
Acq: 30 Jun 2023 15:09

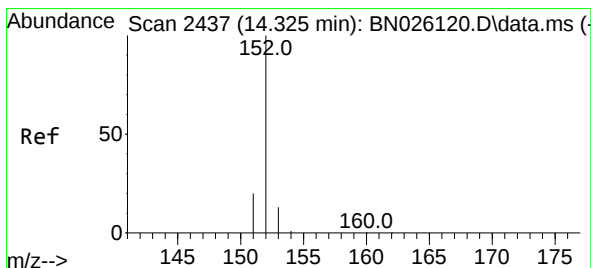
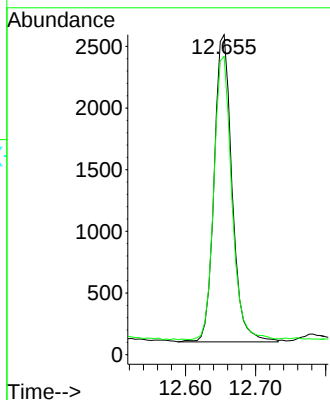
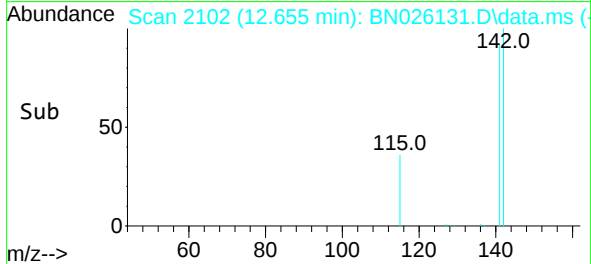
Instrument :
BNA_N
ClientSampleId :
DCFY2



Tgt Ion:142 Resp: 4408
Ion Ratio Lower Upper
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141 92.3 74.2 111.4

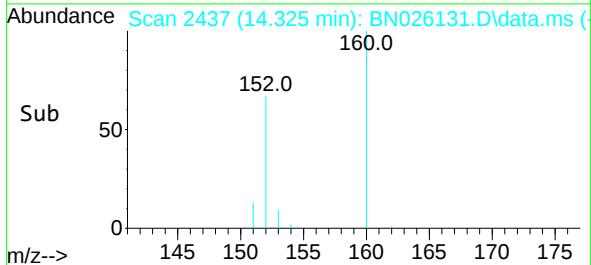
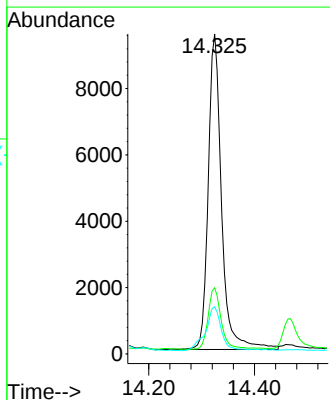
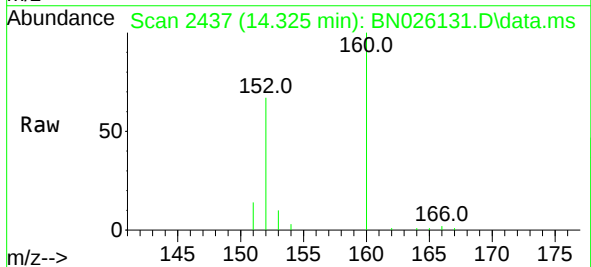
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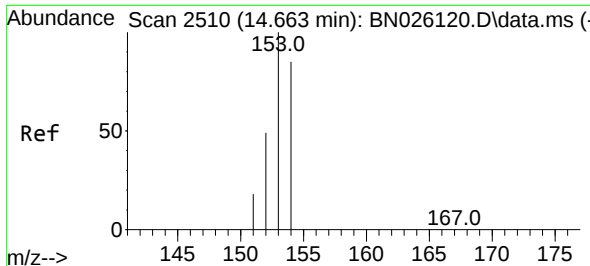
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#10
Acenaphthylene
Concen: 0.193 ng/u1
RT: 14.325 min Scan# 2437
Delta R.T. -0.005 min
Lab File: BN026131.D
Acq: 30 Jun 2023 15:09

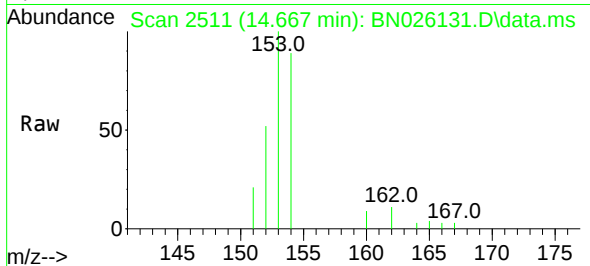
Tgt Ion:152 Resp: 16658
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4
153 14.7 10.9 16.3





#11
Acenaphthene
Concen: 0.100 ng/ul
RT: 14.667 min Scan# 2511
Delta R.T. -0.005 min
Lab File: BN026131.D
Acq: 30 Jun 2023 15:09

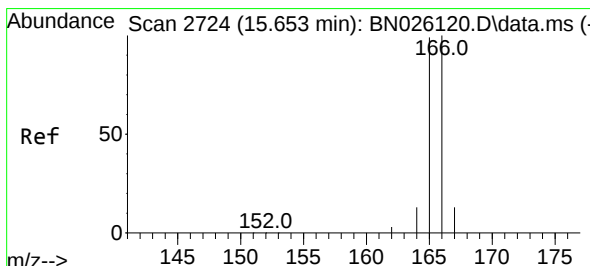
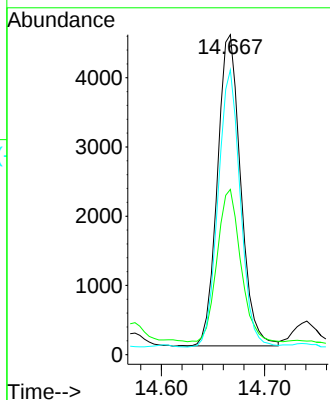
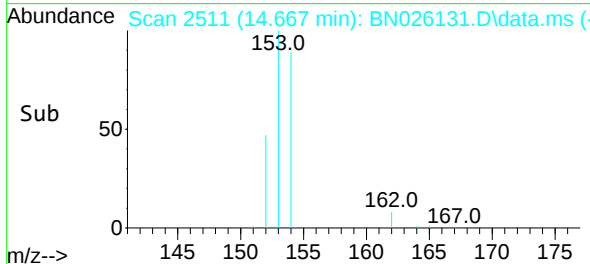
Instrument :
BNA_N
ClientSampleId :
DCFY2



Tgt Ion:153 Resp: 7063
Ion Ratio Lower Upper
153 100
152 51.7 39.4 59.0
154 89.0 68.9 103.3

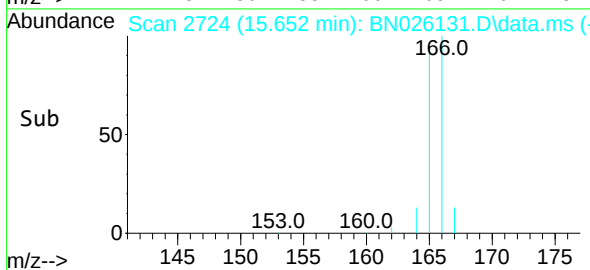
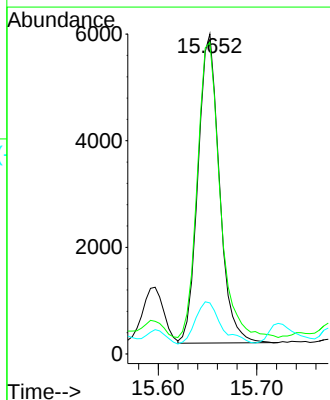
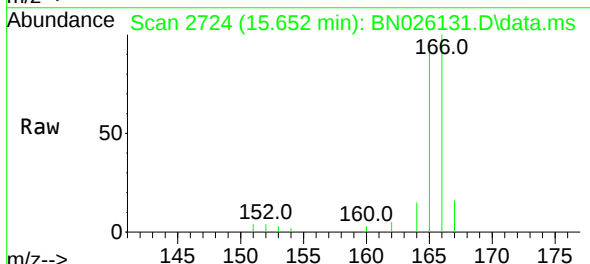
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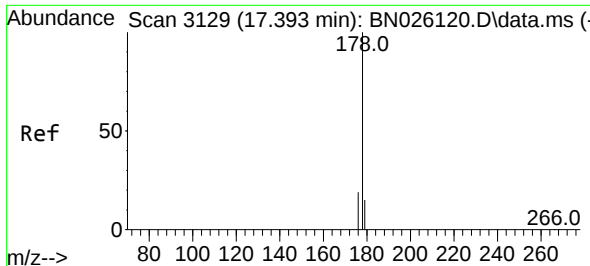
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#12
Fluorene
Concen: 0.108 ng/ul
RT: 15.652 min Scan# 2724
Delta R.T. -0.010 min
Lab File: BN026131.D
Acq: 30 Jun 2023 15:09

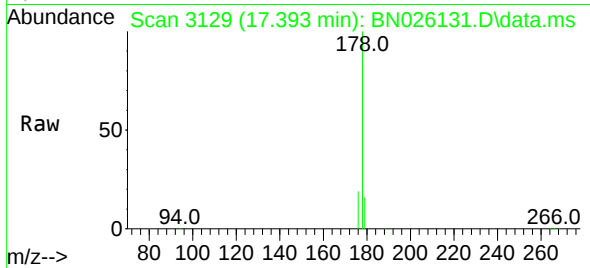
Tgt Ion:166 Resp: 8734
Ion Ratio Lower Upper
166 100
165 97.4 79.9 119.9
167 16.0 10.8 16.2





#15
Phenanthrene
Concen: 1.508 ng/u1
RT: 17.393 min Scan# 3129
Delta R.T. -0.009 min
Lab File: BN026131.D
Acq: 30 Jun 2023 15:09

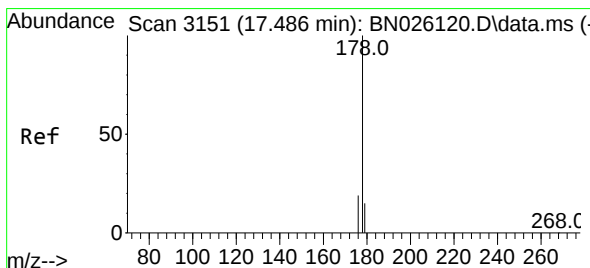
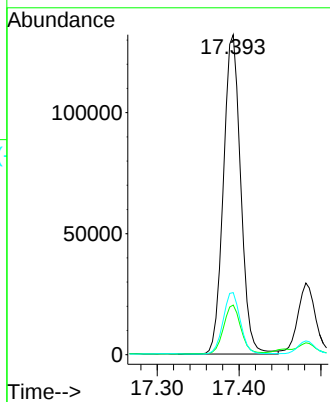
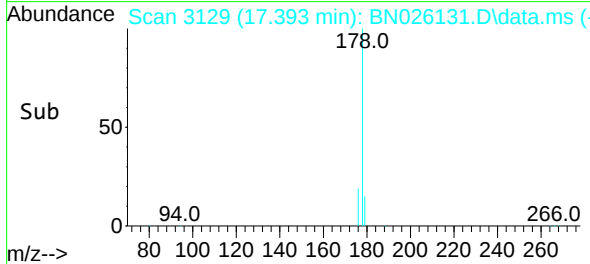
Instrument :
BNA_N
ClientSampleId :
DCFY2



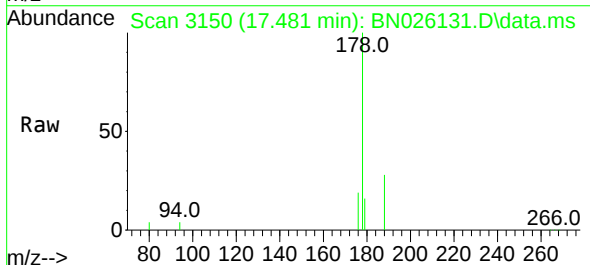
Tgt Ion:178 Resp: 193687
Ion Ratio Lower Upper
178 100
179 15.5 12.6 19.0
176 19.4 15.8 23.6

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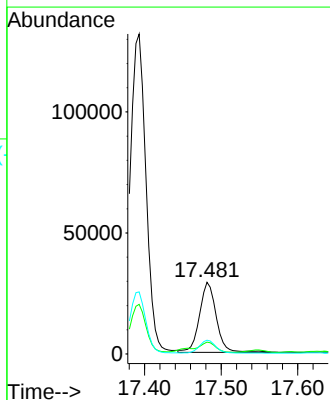
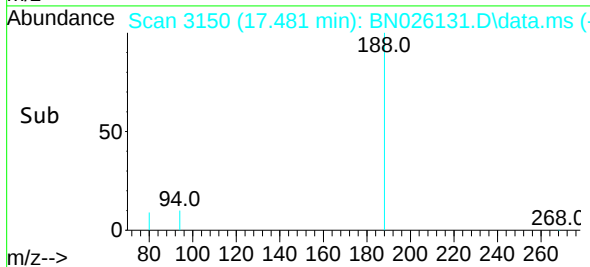
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

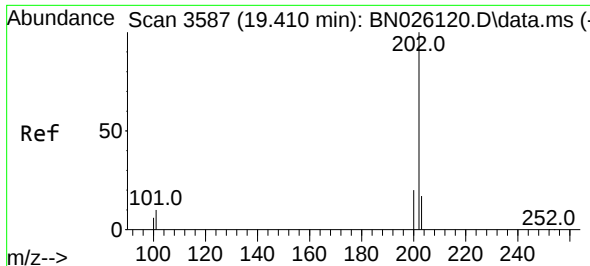


#16
Anthracene
Concen: 0.390 ng/u1
RT: 17.481 min Scan# 3150
Delta R.T. -0.013 min
Lab File: BN026131.D
Acq: 30 Jun 2023 15:09



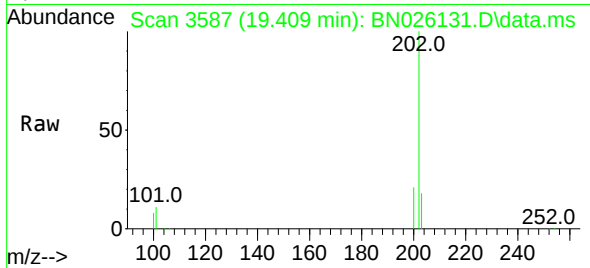
Tgt Ion:178 Resp: 44487
Ion Ratio Lower Upper
178 100
179 16.5 12.6 18.8
176 19.2 15.1 22.7





#19
Fluoranthene
Concen: 5.523 ng/u1
RT: 19.409 min Scan# 3587
Delta R.T. -0.005 min
Lab File: BN026131.D
Acq: 30 Jun 2023 15:09

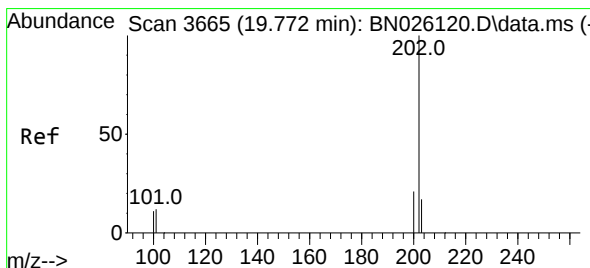
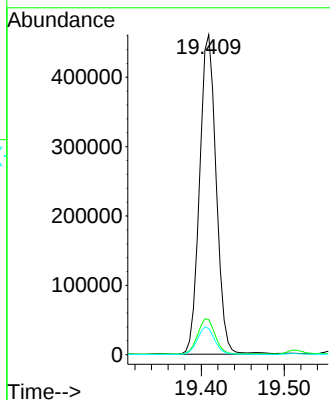
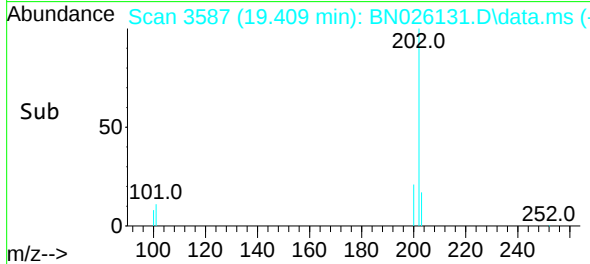
Instrument :
BNA_N
ClientSampleId :
DCFY2



Tgt Ion:202 Resp: 642540
Ion Ratio Lower Upper
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101 11.0 9.5 14.3
100 8.2 7.3 10.9

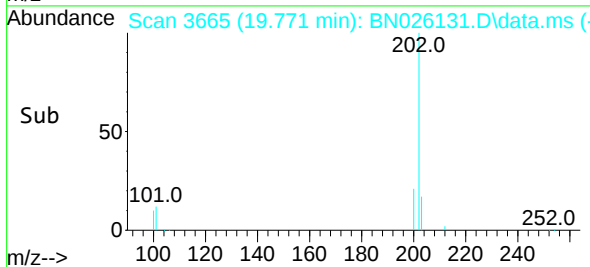
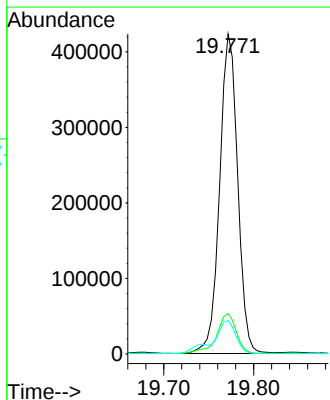
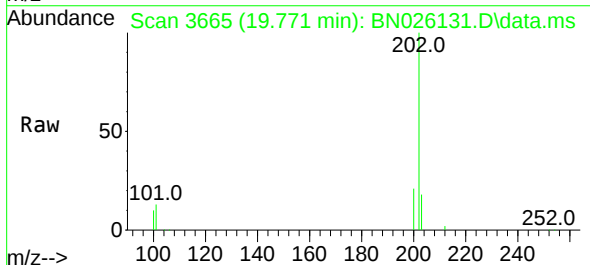
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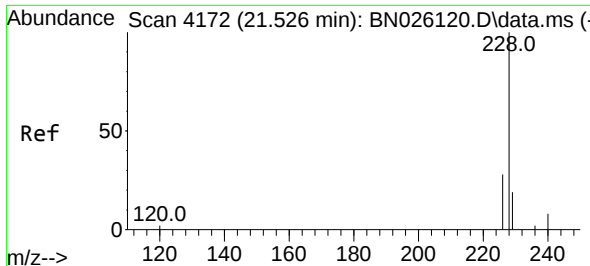
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#20
Pyrene
Concen: 4.860 ng/u1
RT: 19.771 min Scan# 3665
Delta R.T. -0.005 min
Lab File: BN026131.D
Acq: 30 Jun 2023 15:09

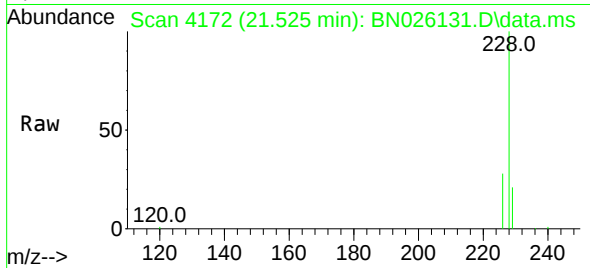
Tgt Ion:202 Resp: 588021
Ion Ratio Lower Upper
202 100
101 12.7 11.4 17.0
100 10.5 9.1 13.7





#21
Benzo(a)anthracene
Concen: 5.442 ng/ul
RT: 21.525 min Scan# 4172
Delta R.T. -0.004 min
Lab File: BN026131.D
Acq: 30 Jun 2023 15:09

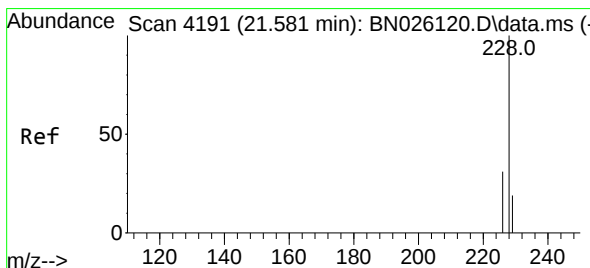
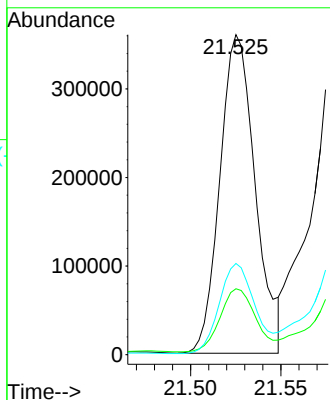
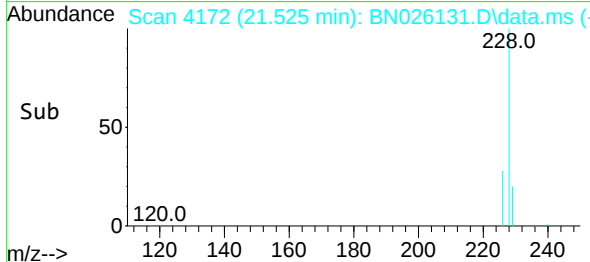
Instrument :
BNA_N
ClientSampleId :
DCFY2



Tgt Ion:228 Resp: 48902
Ion Ratio Lower Upper
228 100
229 20.6 15.8 23.6
226 28.5 22.5 33.7

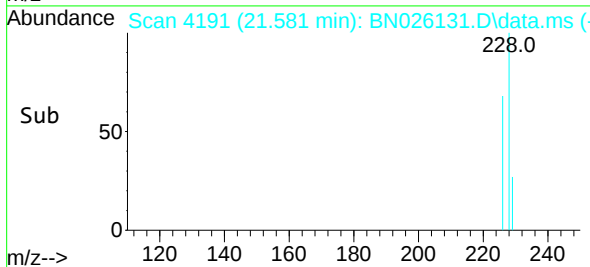
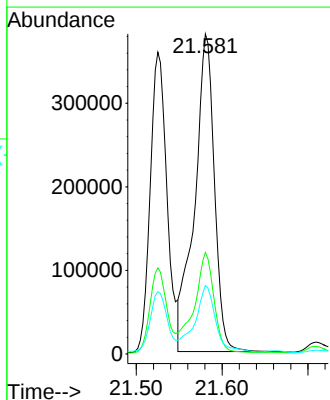
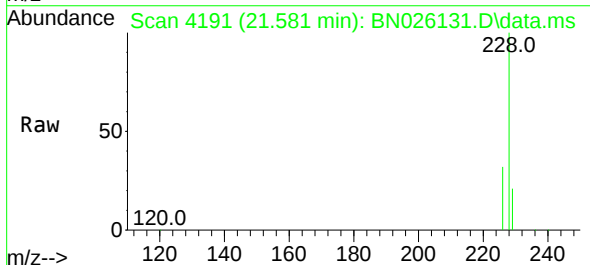
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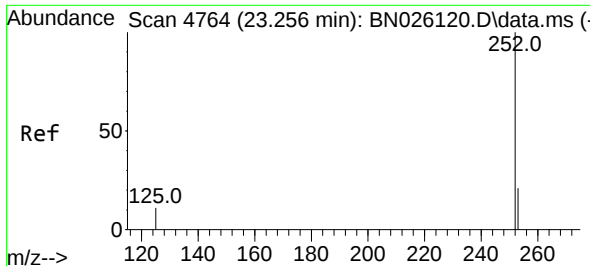
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#22
Chrysene
Concen: 6.514 ng/ul
RT: 21.581 min Scan# 4191
Delta R.T. 0.002 min
Lab File: BN026131.D
Acq: 30 Jun 2023 15:09

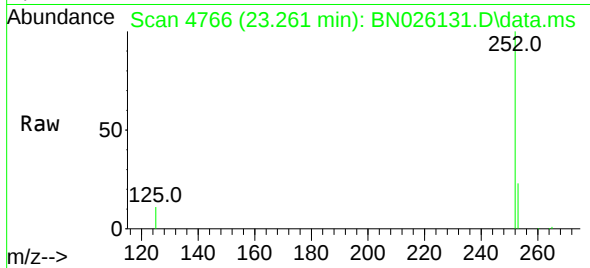
Tgt Ion:228 Resp: 609056
Ion Ratio Lower Upper
228 100
226 31.7 24.8 37.2
229 21.4 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 9.968 ng/ul m
RT: 23.261 min Scan# 4766
Delta R.T. 0.008 min
Lab File: BN026131.D
Acq: 30 Jun 2023 15:09

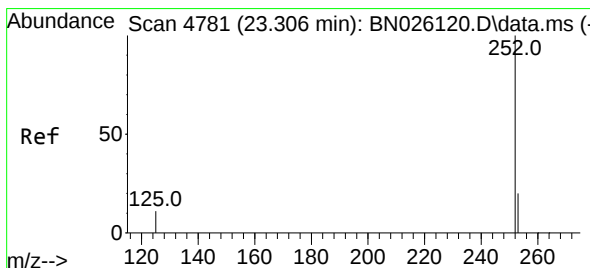
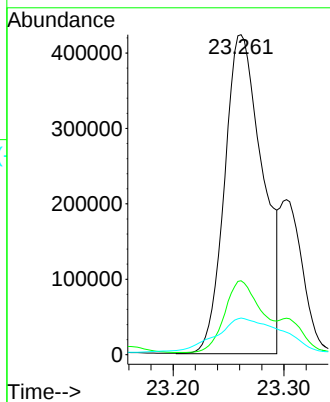
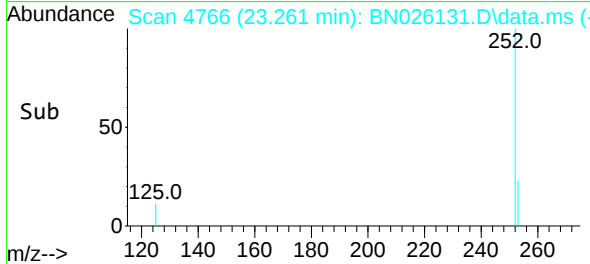
Instrument :
BNA_N
ClientSampleId :
DCFY2



Tgt Ion:252 Resp: 100739
Ion Ratio Lower Upper
252 100
253 23.1 0.0 55.6
125 11.5 0.0 35.8

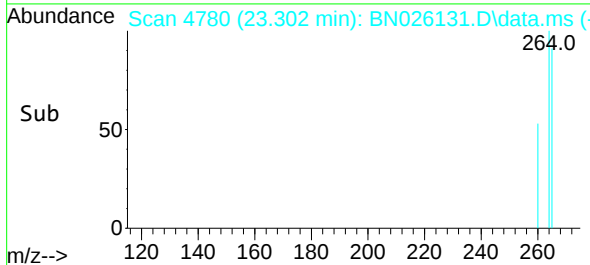
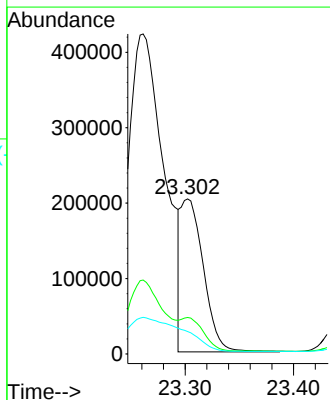
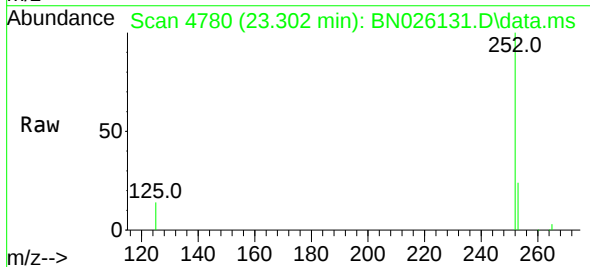
Manual Integrations
APPROVED

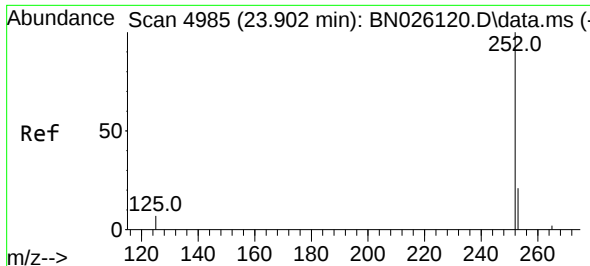
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#25
Benzo(k)fluoranthene
Concen: 2.901 ng/ul m
RT: 23.302 min Scan# 4780
Delta R.T. -0.001 min
Lab File: BN026131.D
Acq: 30 Jun 2023 15:09

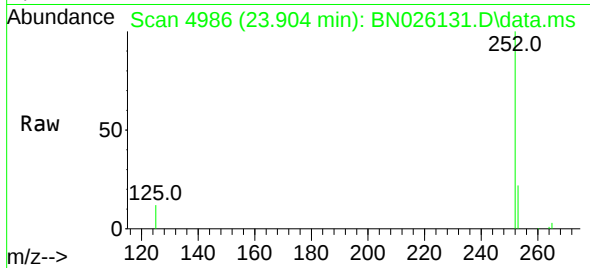
Tgt Ion:252 Resp: 294447
Ion Ratio Lower Upper
252 100
253 23.5 23.2 34.8
125 14.5 15.0 22.4#





#26
Benzo(a)pyrene
Concen: 5.617 ng/ul
RT: 23.904 min Scan# 4985
Delta R.T. -0.001 min
Lab File: BN026131.D
Acq: 30 Jun 2023 15:09

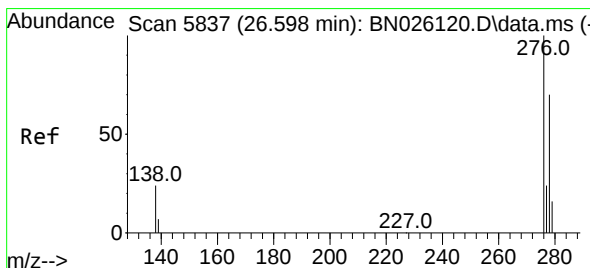
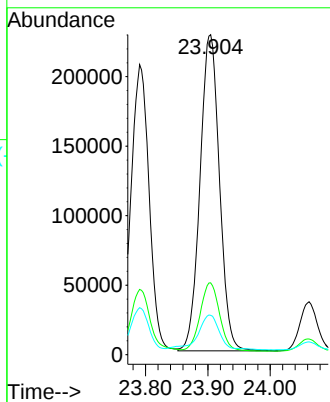
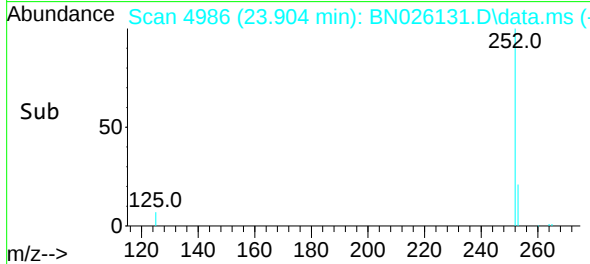
Instrument :
BNA_N
ClientSampleId :
DCFY2



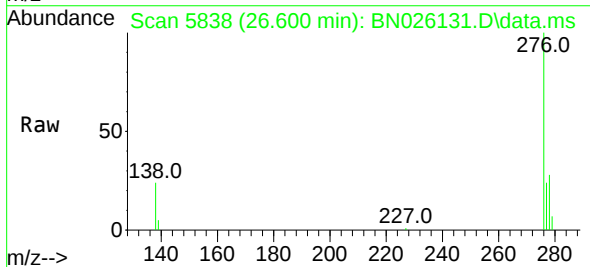
Tgt Ion:252 Resp: 49306
Ion Ratio Lower Upper
252 100
253 22.4 26.0 39.0
125 12.3 17.3 25.9

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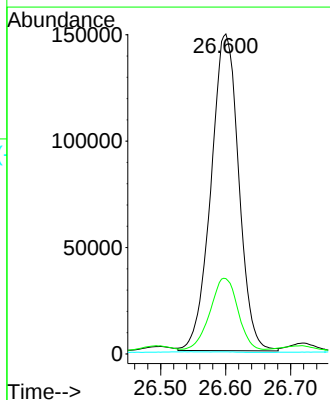
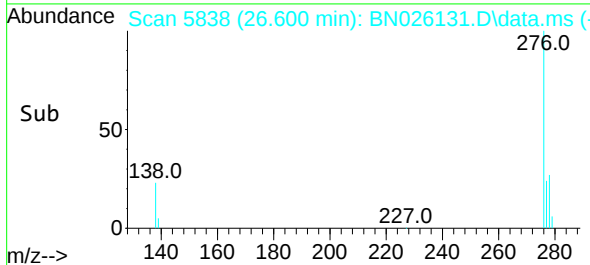
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

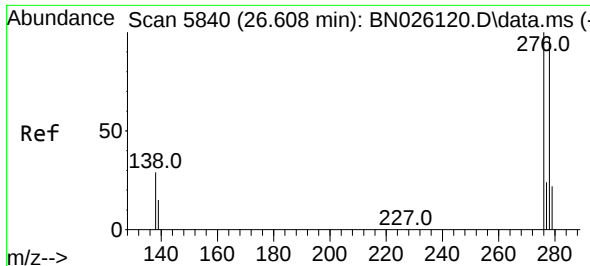


#27
Indeno(1,2,3-cd)pyrene
Concen: 4.614 ng/ul
RT: 26.600 min Scan# 5838
Delta R.T. 0.006 min
Lab File: BN026131.D
Acq: 30 Jun 2023 15:09



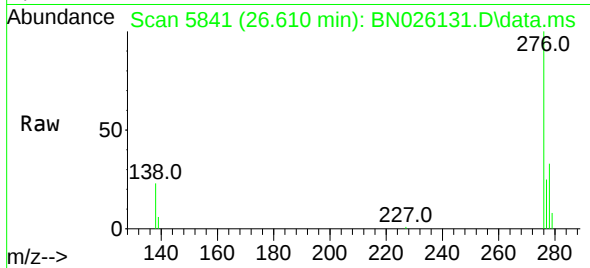
Tgt Ion:276 Resp: 442385
Ion Ratio Lower Upper
276 100
138 23.1 24.5 36.7
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 2.033 ng/ul
RT: 26.610 min Scan# 5840
Delta R.T. -0.004 min
Lab File: BN026131.D
Acq: 30 Jun 2023 15:09

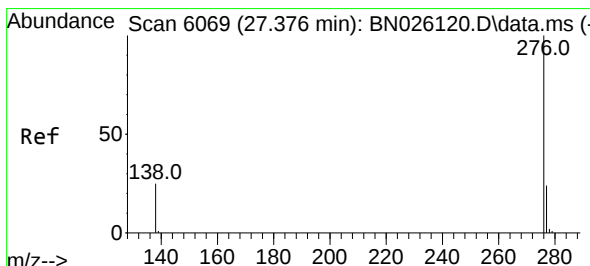
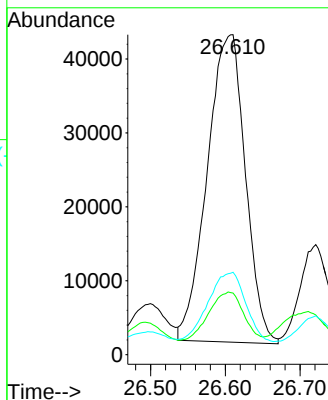
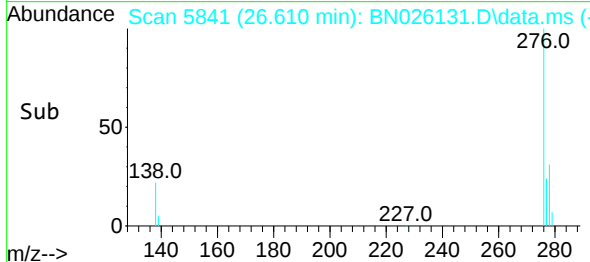
Instrument :
BNA_N
ClientSampleId :
DCFY2



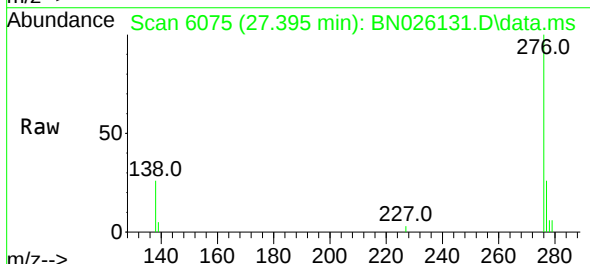
Tgt Ion:278 Resp: 147539
Ion Ratio Lower Upper
278 100
139 19.3 19.0 28.4
279 25.7 26.7 40.1

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



#29
Benzo(g,h,i)perylene
Concen: 0.950 ng/ul
RT: 27.395 min Scan# 6075
Delta R.T. 0.009 min
Lab File: BN026131.D
Acq: 30 Jun 2023 15:09



Tgt Ion:276 Resp: 81055
Ion Ratio Lower Upper
276 100
138 26.5 23.4 35.0
277 26.5 20.0 30.0

