

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026173.D
 Acq On : 02 Jul 2023 04:49
 Operator : MA/JU
 Sample : 03245-14
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGH2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/02/2023
 Supervised By :Sohil Jodhani 07/02/2023

Quant Time: Jul 02 05:39:09 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	7.955	152	8565	0.400	ng/ul	0.00
4) Naphthalene-d8	10.765	136	27439	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.598	164	16002	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.343	188	29932	0.400	ng/ul	0.00
17) Chrysene-d12	21.532	240	17607	0.400	ng/ul	# 0.00
23) Perylene-d12	23.979	264	19591	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	27354	2.836	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	7736	0.183	ng/ul	-0.01
18) Fluoranthene-d10	19.373	212	12919	0.193	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.814	128	9239	0.117	ng/ul	96
7) 2-Methylnaphthalene	12.431	142	4111	0.082	ng/ul	100
8) 1-Methylnaphthalene	12.645	142	2778	0.054	ng/ul	98
10) Acenaphthylene	14.316	152	11356	0.152	ng/ul	97
11) Acenaphthene	14.658	153	2131	0.035	ng/ul	95
12) Fluorene	15.644	166	1888	0.027	ng/ul#	92
15) Phenanthrene	17.385	178	56306	0.570	ng/ul	100
16) Anthracene	17.478	178	15080	0.172	ng/ul	96
19) Fluoranthene	19.401	202	169377	1.801	ng/ul	99
20) Pyrene	19.763	202	138584	1.417	ng/ul	99
21) Benzo(a)anthracene	21.514	228	77096	1.061	ng/ul	96
22) Chrysene	21.567	228	90348	1.195	ng/ul	97
24) Benzo(b)fluoranthene	23.233	252	138101m	1.652	ng/ul	
25) Benzo(k)fluoranthene	23.271	252	48269m	0.575	ng/ul	
26) Benzo(a)pyrene	23.867	252	83645	1.152	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	26.537	276	69119	0.871	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.547	278	16783	0.280	ng/ul#	81
29) Benzo(g,h,i)perylene	27.329	276	63023	0.893	ng/ul	97

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

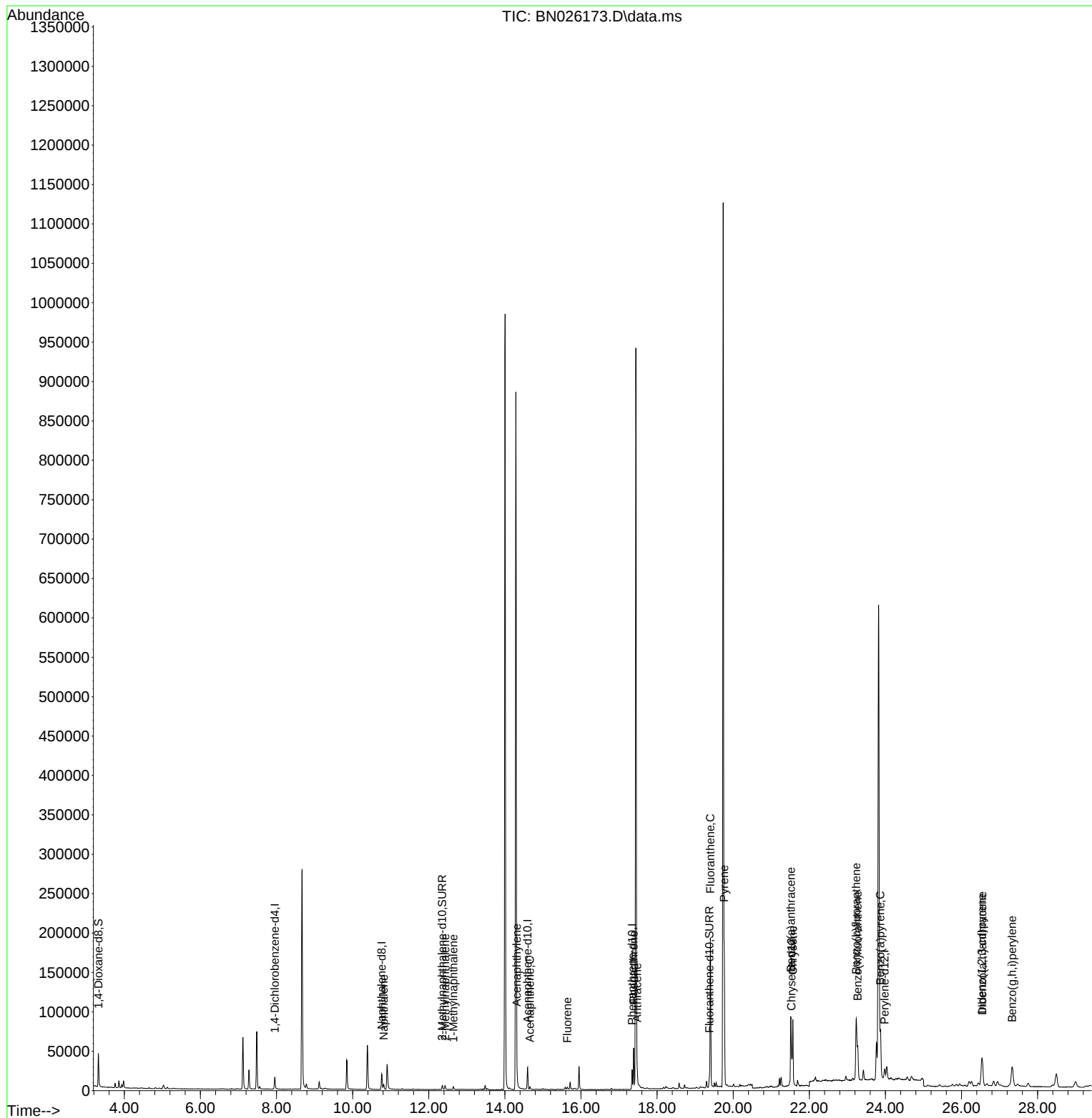
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
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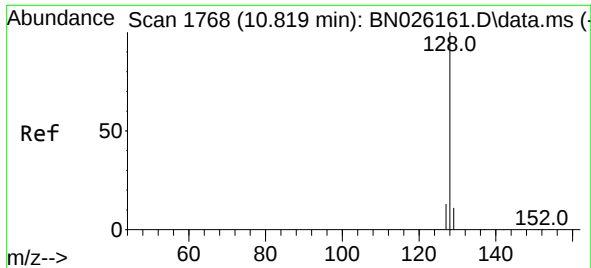
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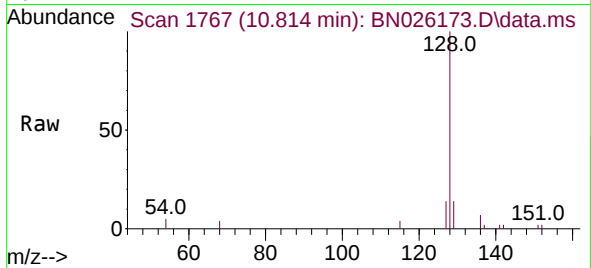
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023





#5
Naphthalene
Concen: 0.117 ng/ul
RT: 10.814 min Scan# 1767
Delta R.T. -0.011 min
Lab File: BN026173.D
Acq: 02 Jul 2023 04:49

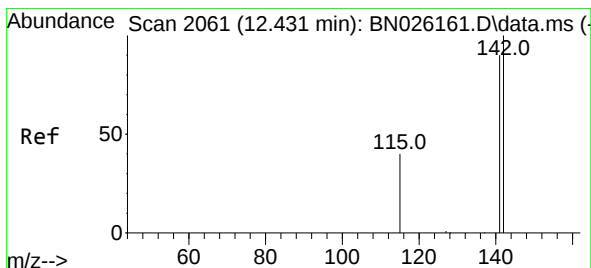
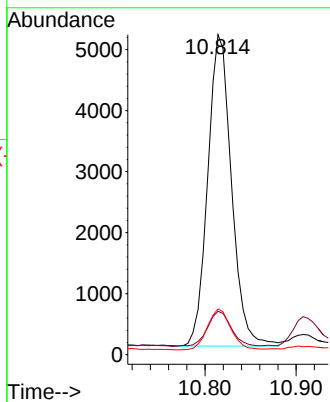
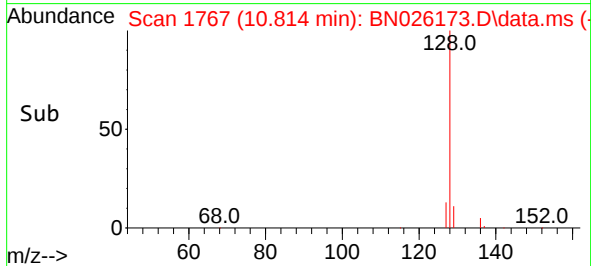
Instrument :
BNA_N
ClientSampleId :
DCGH2



Tgt Ion:128 Resp: 9239
Ion Ratio Lower Upper
128 100
129 13.6 9.1 13.7
127 14.3 10.7 16.1

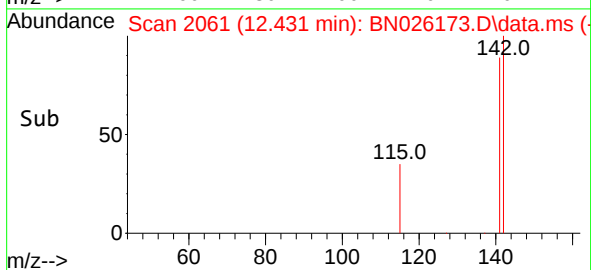
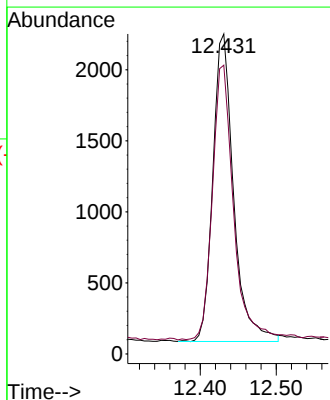
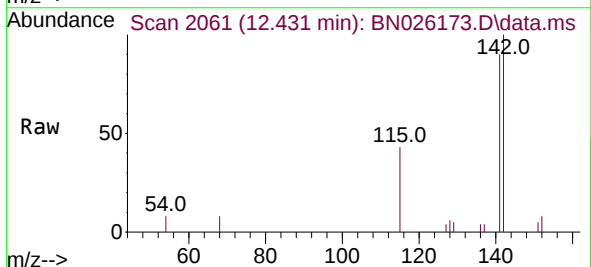
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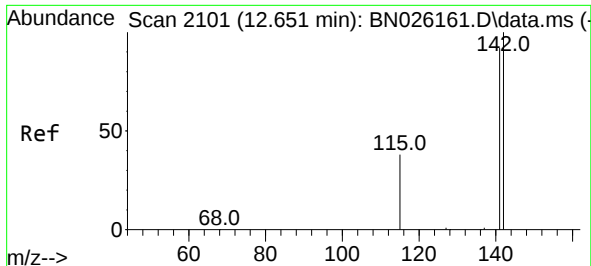
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#7
2-Methylnaphthalene
Concen: 0.082 ng/ul
RT: 12.431 min Scan# 2061
Delta R.T. -0.005 min
Lab File: BN026173.D
Acq: 02 Jul 2023 04:49

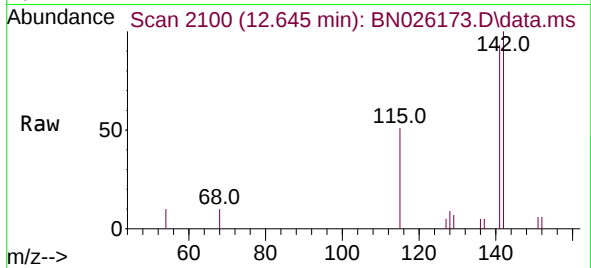
Tgt Ion:142 Resp: 4111
Ion Ratio Lower Upper
142 100
141 90.1 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.054 ng/ul
RT: 12.645 min Scan# 2101
Delta R.T. -0.005 min
Lab File: BN026173.D
Acq: 02 Jul 2023 04:49

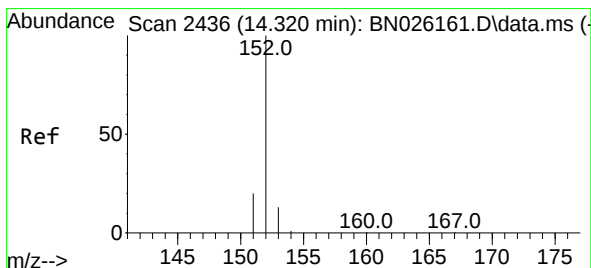
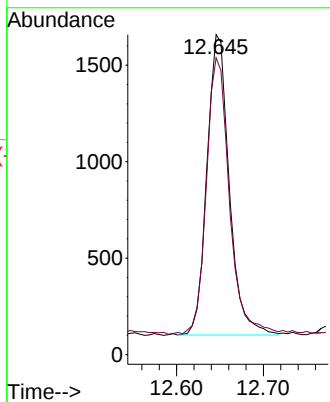
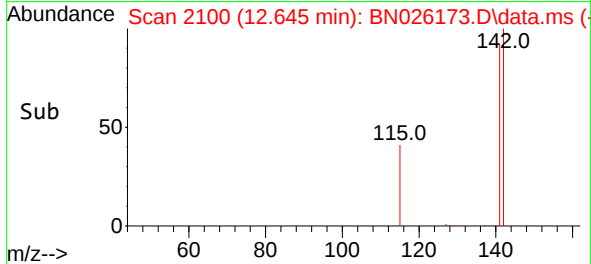
Instrument :
BNA_N
ClientSampleId :
DCGH2



Tgt Ion:142 Resp: 2778
Ion Ratio Lower Upper
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141 94.5 74.2 111.4

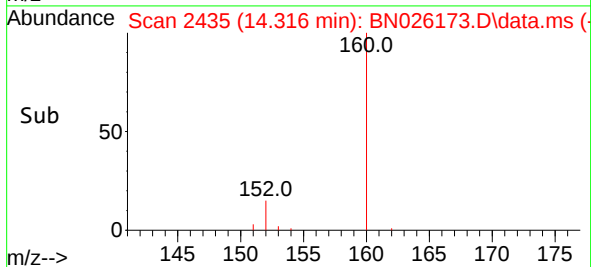
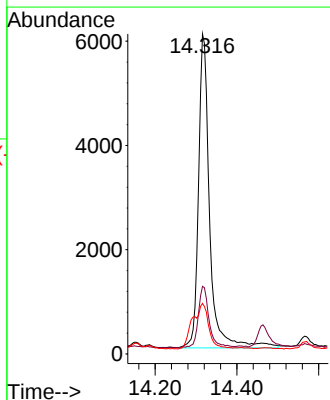
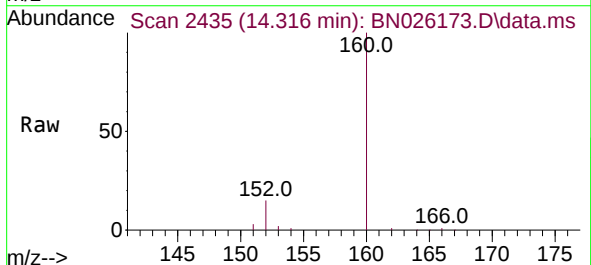
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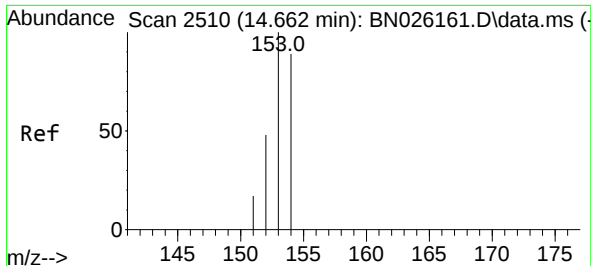
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#10
Acenaphthylene
Concen: 0.152 ng/ul
RT: 14.316 min Scan# 2435
Delta R.T. -0.010 min
Lab File: BN026173.D
Acq: 02 Jul 2023 04:49

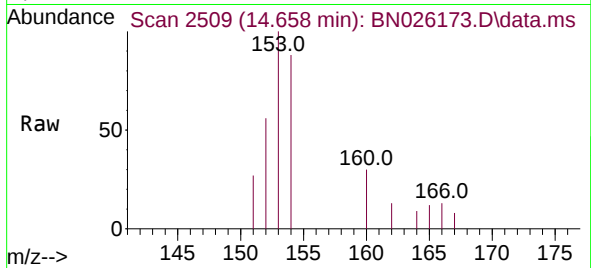
Tgt Ion:152 Resp: 11356
Ion Ratio Lower Upper
152 100
151 21.2 16.2 24.4
153 15.8 10.9 16.3





#11
Acenaphthene
Concen: 0.035 ng/u1
RT: 14.658 min Scan# 2509
Delta R.T. -0.010 min
Lab File: BN026173.D
Acq: 02 Jul 2023 04:49

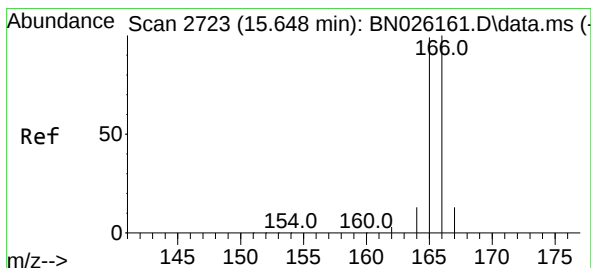
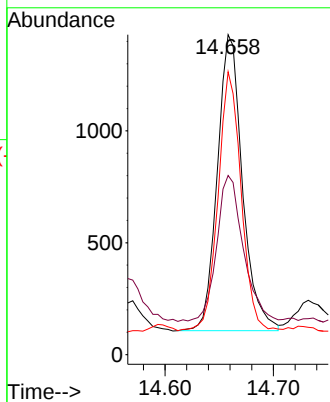
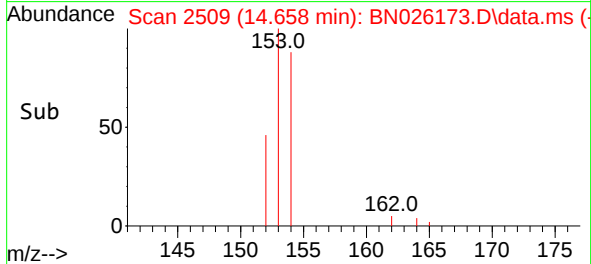
Instrument :
BNA_N
ClientSampleId :
DCGH2



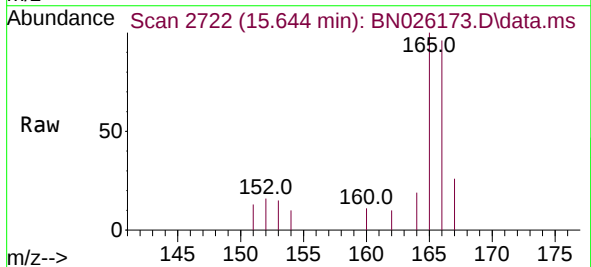
Tgt Ion:153 Resp: 213
Ion Ratio Lower Upper
153 100
152 56.0 39.4 59.0
154 88.4 68.9 103.3

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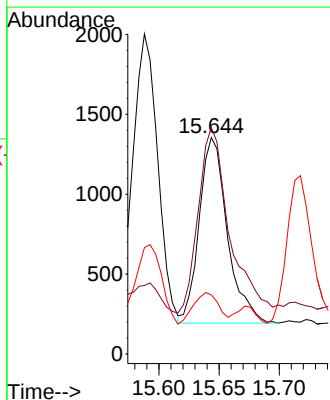
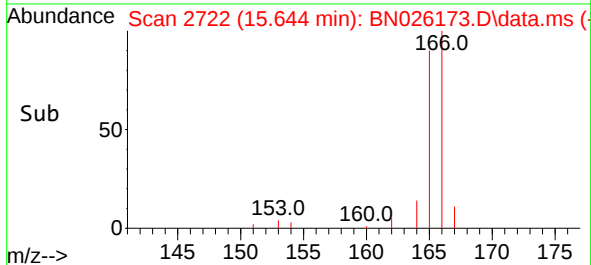
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

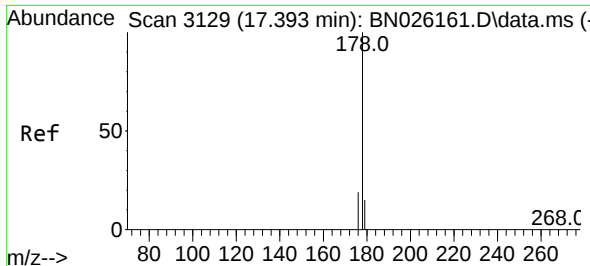


#12
Fluorene
Concen: 0.027 ng/u1
RT: 15.644 min Scan# 2722
Delta R.T. -0.010 min
Lab File: BN026173.D
Acq: 02 Jul 2023 04:49



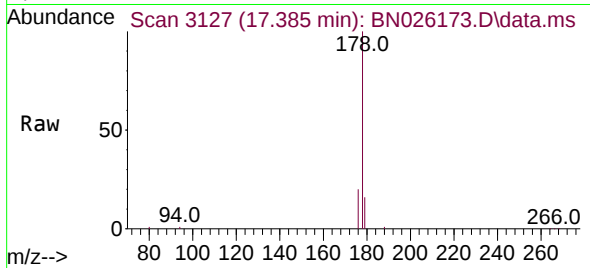
Tgt Ion:166 Resp: 1888
Ion Ratio Lower Upper
166 100
165 104.6 79.9 119.9
167 27.3 10.8 16.2#





#15
Phenanthrene
Concen: 0.570 ng/ul
RT: 17.385 min Scan# 3127
Delta R.T. -0.009 min
Lab File: BN026173.D
Acq: 02 Jul 2023 04:49

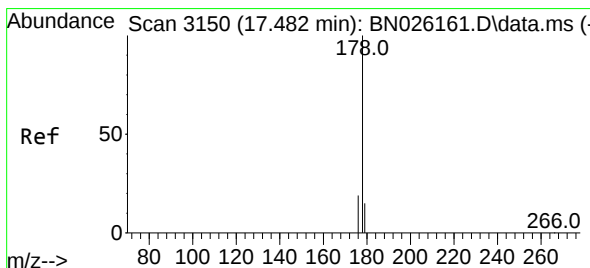
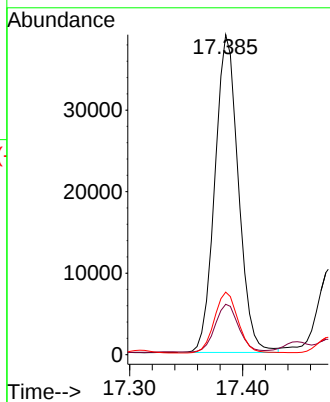
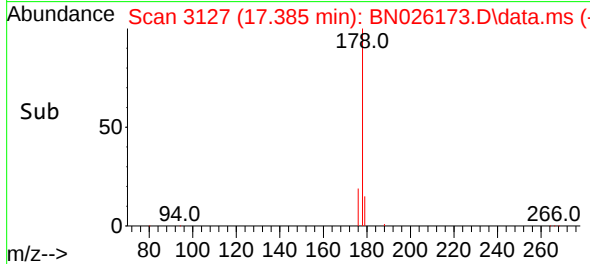
Instrument :
BNA_N
ClientSampleId :
DCGH2



Tgt Ion:178 Resp: 56300
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 19.6 15.8 23.6

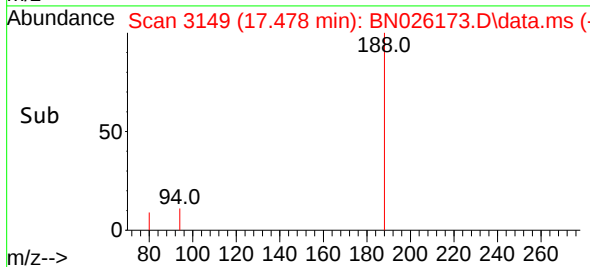
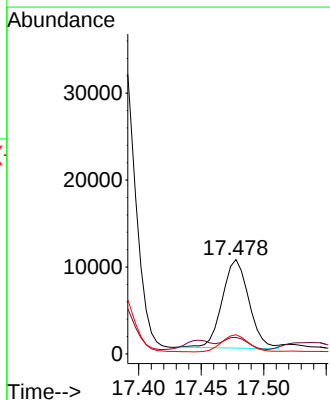
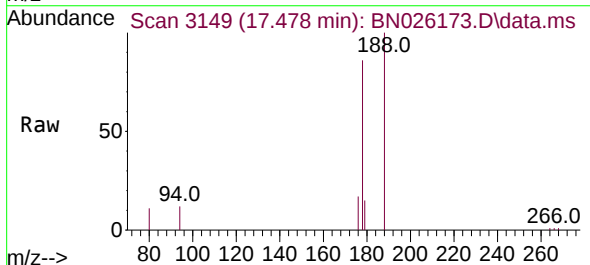
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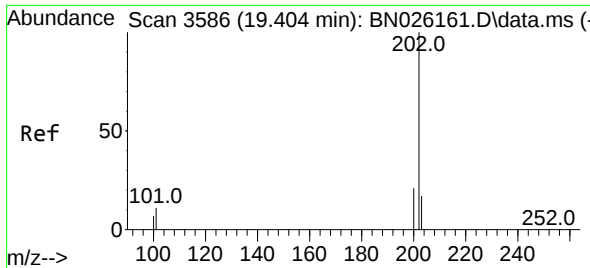
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#16
Anthracene
Concen: 0.172 ng/ul
RT: 17.478 min Scan# 3149
Delta R.T. -0.009 min
Lab File: BN026173.D
Acq: 02 Jul 2023 04:49

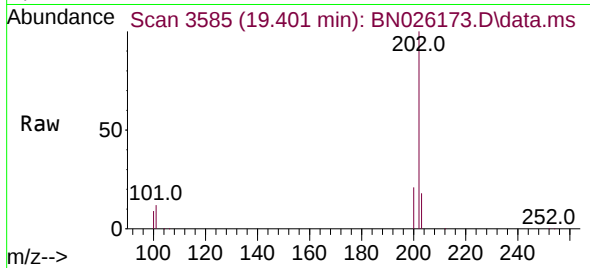
Tgt Ion:178 Resp: 15080
Ion Ratio Lower Upper
178 100
179 17.4 12.6 18.8
176 20.4 15.1 22.7





#19
Fluoranthene
Concen: 1.801 ng/ul
RT: 19.401 min Scan# 3585
Delta R.T. -0.010 min
Lab File: BN026173.D
Acq: 02 Jul 2023 04:49

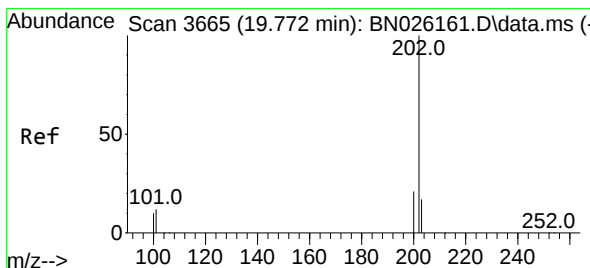
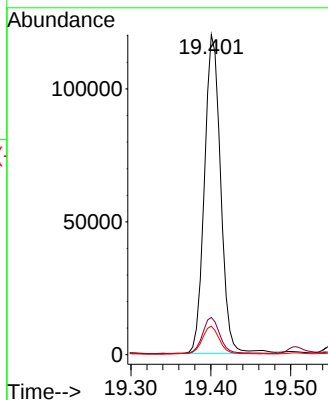
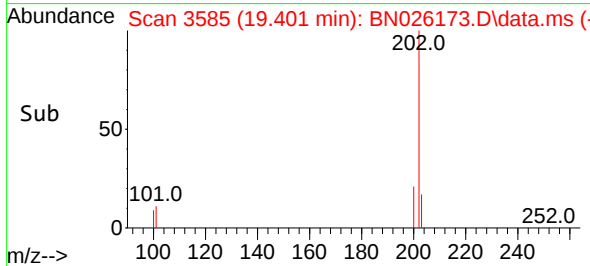
Instrument :
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ClientSampleId :
DCGH2



Tgt Ion:202 Resp: 169372
Ion Ratio Lower Upper
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101 11.7 9.5 14.3
100 8.9 7.3 10.9

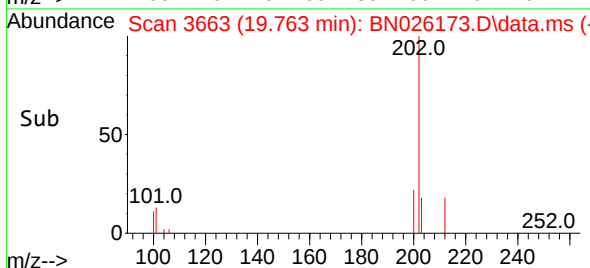
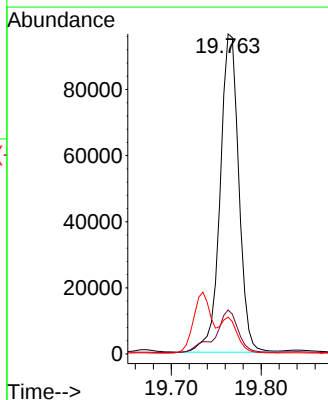
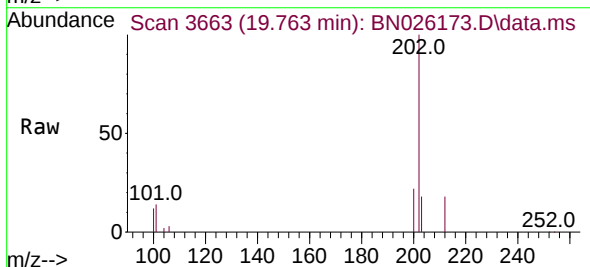
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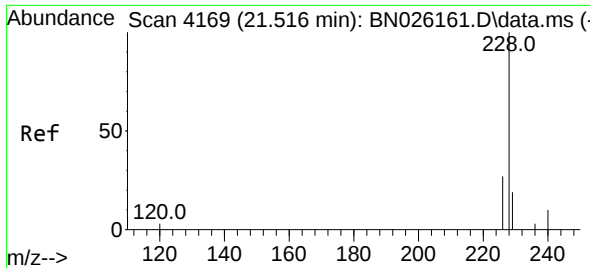
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#20
Pyrene
Concen: 1.417 ng/ul
RT: 19.763 min Scan# 3663
Delta R.T. -0.010 min
Lab File: BN026173.D
Acq: 02 Jul 2023 04:49

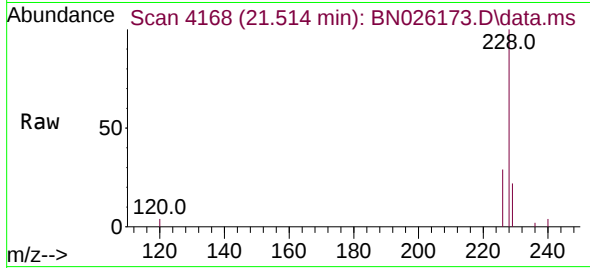
Tgt Ion:202 Resp: 138584
Ion Ratio Lower Upper
202 100
101 13.8 11.4 17.0
100 11.5 9.1 13.7





#21
Benzo(a)anthracene
Concen: 1.061 ng/ul
RT: 21.514 min Scan# 4169
Delta R.T. -0.012 min
Lab File: BN026173.D
Acq: 02 Jul 2023 04:49

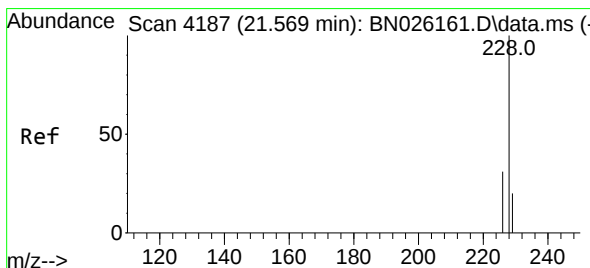
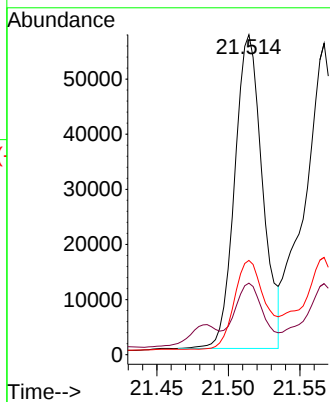
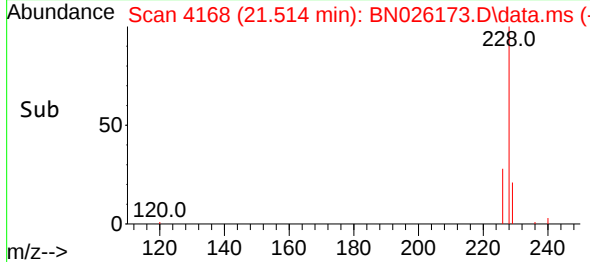
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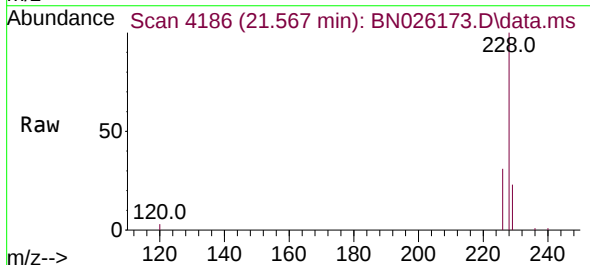
Tgt Ion:228 Resp: 77090
Ion Ratio Lower Upper
228 100
229 22.3 15.8 23.6
226 29.5 22.5 33.7

Manual Integrations
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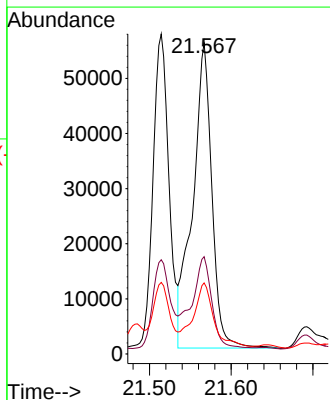
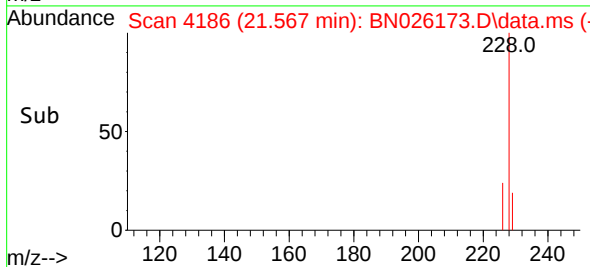
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

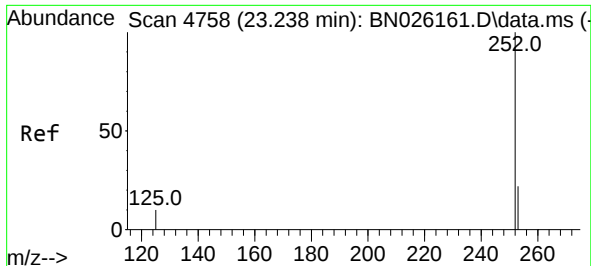


#22
Chrysene
Concen: 1.195 ng/ul
RT: 21.567 min Scan# 4186
Delta R.T. -0.012 min
Lab File: BN026173.D
Acq: 02 Jul 2023 04:49



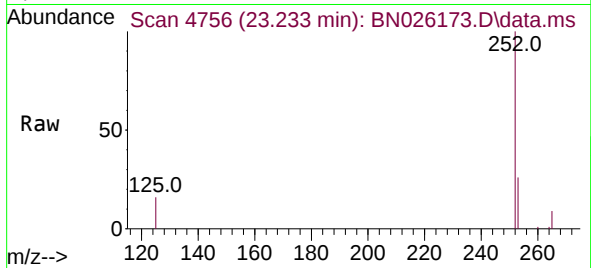
Tgt Ion:228 Resp: 90348
Ion Ratio Lower Upper
228 100
226 31.2 24.8 37.2
229 22.8 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 1.652 ng/ul m
RT: 23.233 min Scan# 4756
Delta R.T. -0.009 min
Lab File: BN026173.D
Acq: 02 Jul 2023 04:49

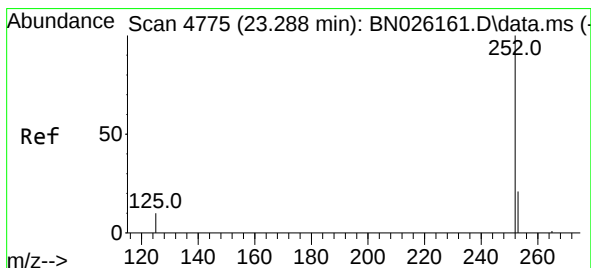
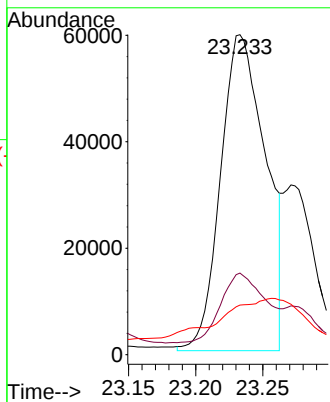
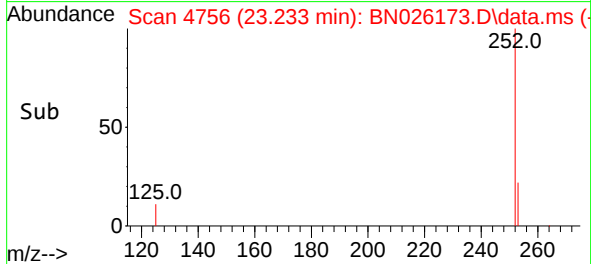
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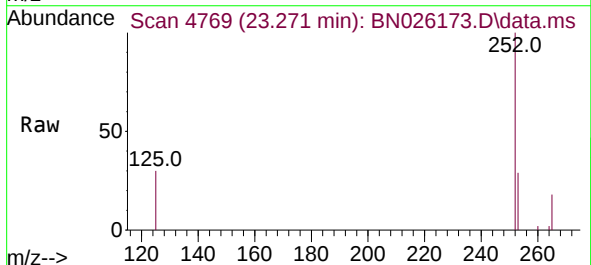
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Ion Ratio Lower Upper
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253 25.5 0.0 55.6
125 15.5 0.0 35.8

Manual Integrations
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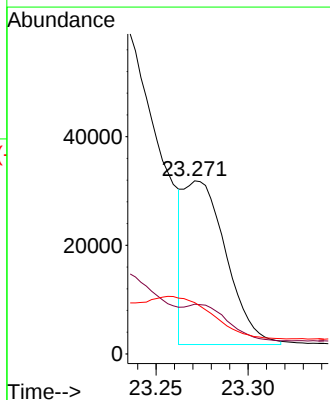
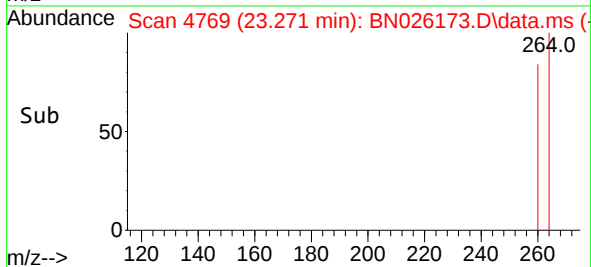
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

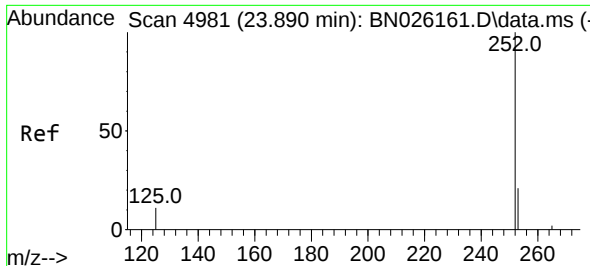


#25
Benzo(k)fluoranthene
Concen: 0.575 ng/ul m
RT: 23.271 min Scan# 4769
Delta R.T. -0.021 min
Lab File: BN026173.D
Acq: 02 Jul 2023 04:49



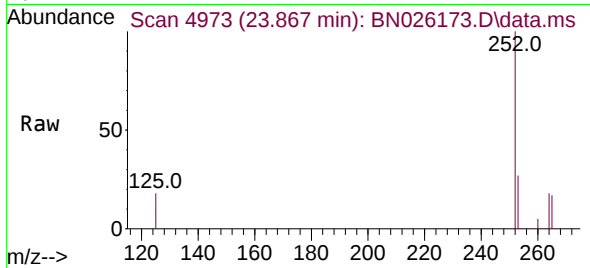
Tgt Ion:252 Resp: 48269
Ion Ratio Lower Upper
252 100
253 28.8 23.2 34.8
125 29.7 15.0 22.4





#26
Benzo(a)pyrene
Concen: 1.152 ng/ul
RT: 23.867 min Scan# 4981
Delta R.T. -0.018 min
Lab File: BN026173.D
Acq: 02 Jul 2023 04:49

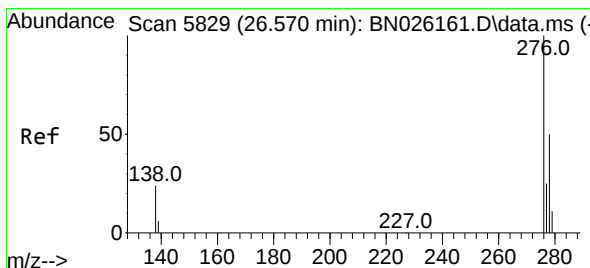
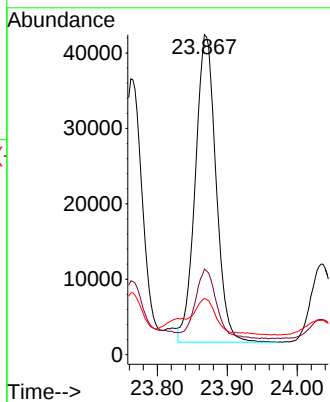
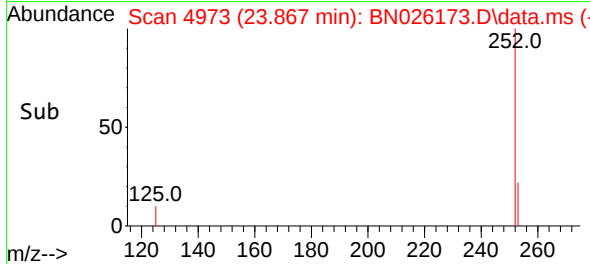
Instrument :
BNA_N
ClientSampleId :
DCGH2



Tgt Ion:252 Resp: 83645
Ion Ratio Lower Upper
252 100
253 26.8 26.0 39.0
125 17.6 17.3 25.9

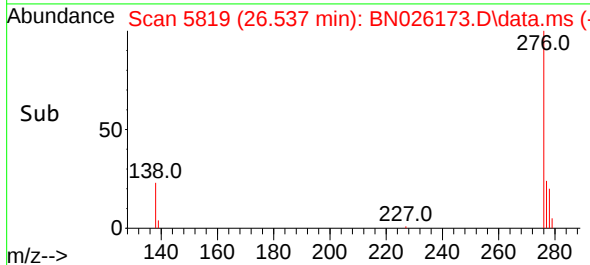
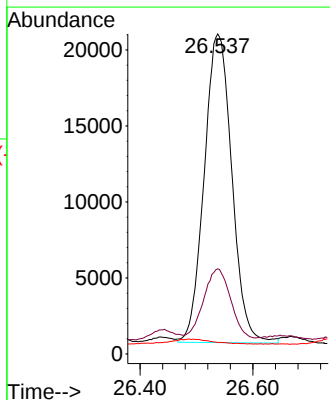
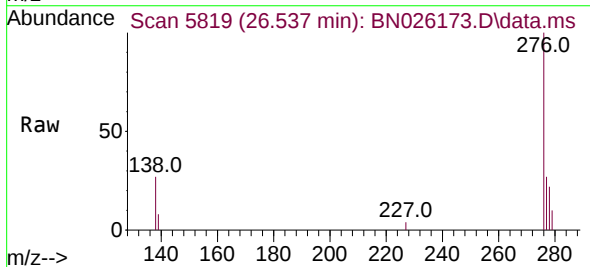
Manual Integrations
APPROVED

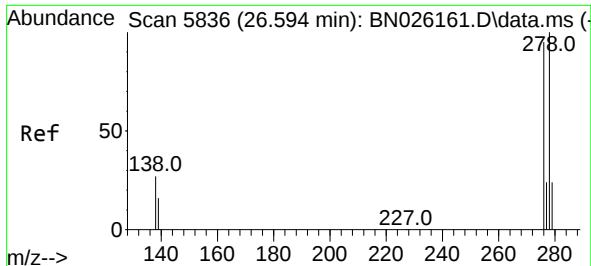
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.871 ng/ul
RT: 26.537 min Scan# 5819
Delta R.T. -0.021 min
Lab File: BN026173.D
Acq: 02 Jul 2023 04:49

Tgt Ion:276 Resp: 69119
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: 0.280 ng/ul

RT: 26.547 min Scan# 5836

Delta R.T. -0.031 min

Lab File: BN026173.D

Acq: 02 Jul 2023 04:49

Instrument :

BNA_N

ClientSampleId :

DCGH2

Tgt Ion:278 Resp: 1678

Ion Ratio Lower Upper

278 100

139 34.7 19.0 28.4

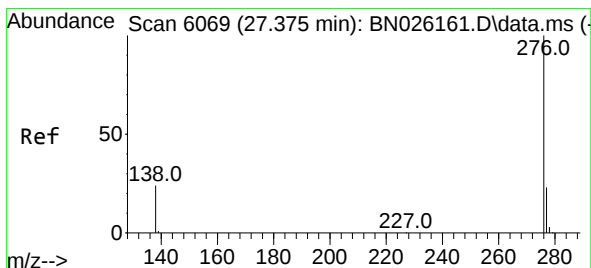
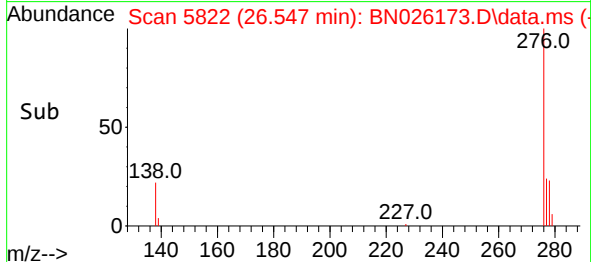
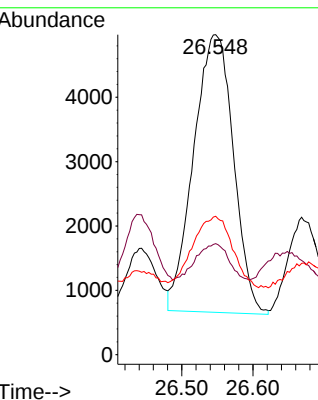
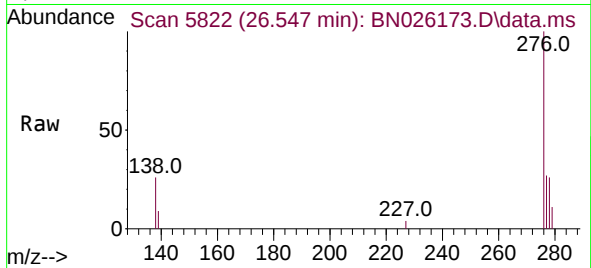
279 43.3 26.7 40.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/02/2023

Supervised By :Sohil Jodhani 07/02/2023



#29

Benzo(g,h,i)perylene

Concen: 0.893 ng/ul

RT: 27.329 min Scan# 6055

Delta R.T. -0.017 min

Lab File: BN026173.D

Acq: 02 Jul 2023 04:49

Tgt Ion:276 Resp: 63023

Ion Ratio Lower Upper

276 100

138 27.7 23.4 35.0

277 26.2 20.0 30.0

