

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026191.D
 Acq On : 02 Jul 2023 16:22
 Operator : MA/JU
 Sample : 03247-13
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGL9

Quant Time: Jul 03 05:40:45 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

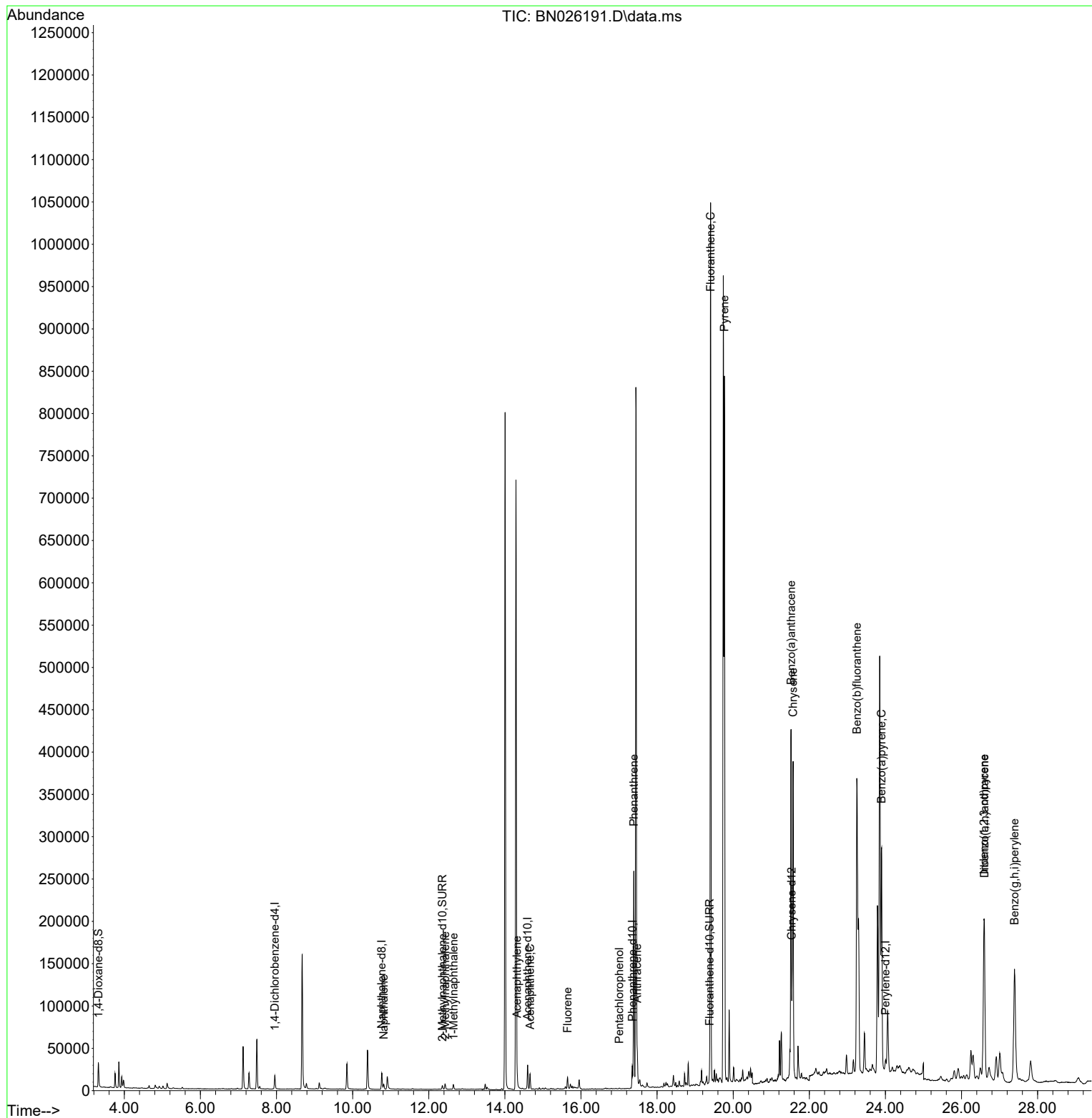
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	9030	0.400	ng/ul	0.00
4) Naphthalene-d8	10.765	136	27938	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.598	164	15990	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.347	188	30697	0.400	ng/ul	0.00
17) Chrysene-d12	21.535	240	15549	0.400	ng/ul	# 0.00
23) Perylene-d12	24.005	264	17808	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	19401	1.908	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.360	152	6353	0.148	ng/ul	0.00
18) Fluoranthene-d10	19.377	212	11095	0.187	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.814	128	8579	0.107	ng/ul#	95
7) 2-Methylnaphthalene	12.431	142	5093	0.100	ng/ul	99
8) 1-Methylnaphthalene	12.651	142	4114	0.078	ng/ul	99
10) Acenaphthylene	14.320	152	13824	0.185	ng/ul	96
11) Acenaphthene	14.663	153	11015	0.180	ng/ul	98
12) Fluorene	15.648	166	8929	0.127	ng/ul#	97
14) Pentachlorophenol	17.005	266	568	0.052	ng/ul	97
15) Phenanthrene	17.389	178	271606	2.679	ng/ul	100
16) Anthracene	17.478	178	34831	0.386	ng/ul	97
19) Fluoranthene	19.405	202	905668	10.905	ng/ul	97
20) Pyrene	19.768	202	700779	8.113	ng/ul	97
21) Benzo(a)anthracene	21.520	228	348061	5.426	ng/ul	98
22) Chrysene	21.573	228	402342	6.028	ng/ul	98
24) Benzo(b)fluoranthene	23.251	252	847688	11.153	ng/ul	89
26) Benzo(a)pyrene	23.900	252	380463	5.763	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.591	276	320339	4.443	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.601	278	77302	1.417	ng/ul	99
29) Benzo(g,h,i)perylene	27.393	276	295937	4.614	ng/ul#	94

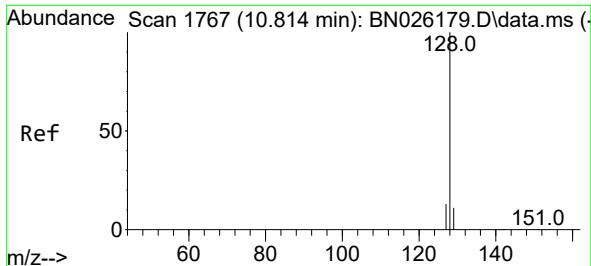
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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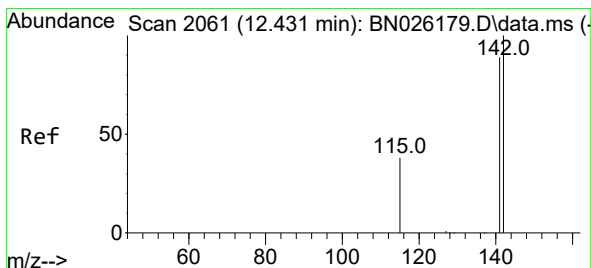
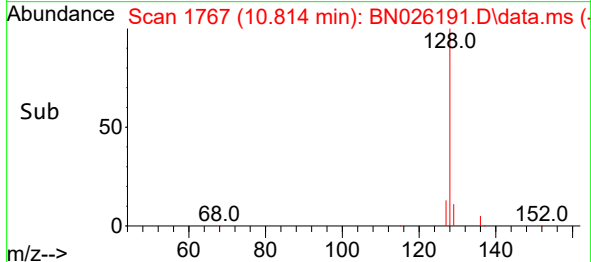
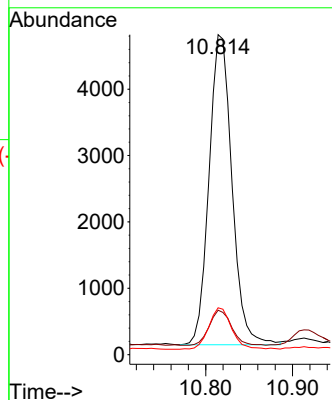
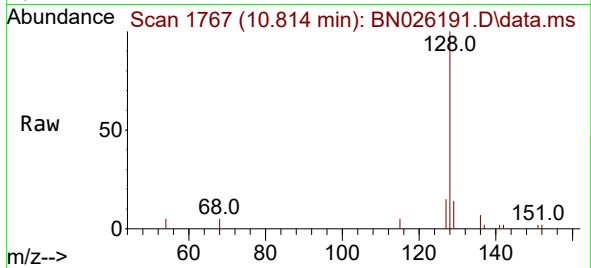




#5
Naphthalene
Concen: 0.107 ng/ul
RT: 10.814 min Scan# 1767
Delta R.T. -0.011 min
Lab File: BN026191.D
Acq: 02 Jul 2023 16:22

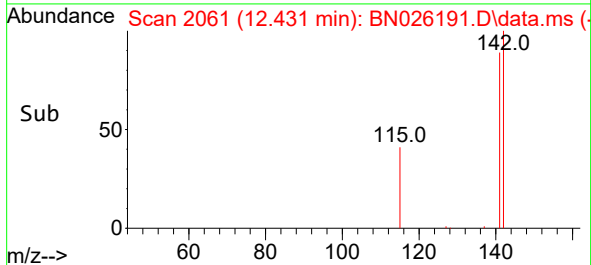
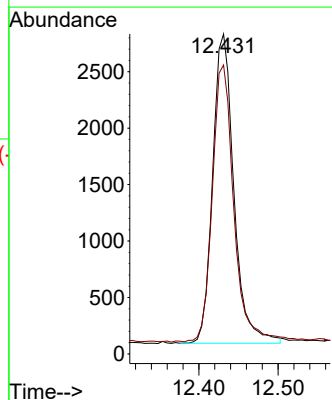
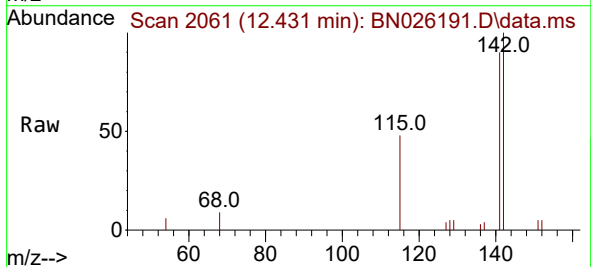
Instrument :
BNA_N
ClientSampleId :
DCGL9

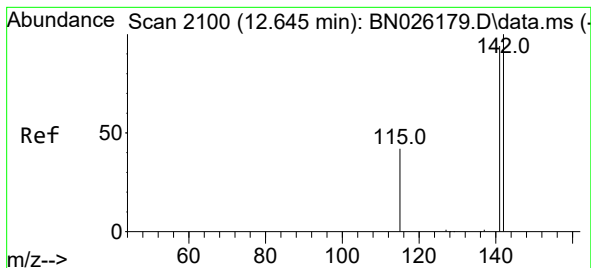
Tgt Ion:128 Resp: 8579
Ion Ratio Lower Upper
128 100
129 13.9 9.1 13.7#
127 14.7 10.7 16.1



#7
2-Methylnaphthalene
Concen: 0.100 ng/ul
RT: 12.431 min Scan# 2061
Delta R.T. -0.005 min
Lab File: BN026191.D
Acq: 02 Jul 2023 16:22

Tgt Ion:142 Resp: 5093
Ion Ratio Lower Upper
142 100
141 90.6 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.078 ng/ul

RT: 12.651 min Scan# 2101

Delta R.T. 0.000 min

Lab File: BN026191.D

Acq: 02 Jul 2023 16:22

Instrument :

BNA_N

ClientSampleId :

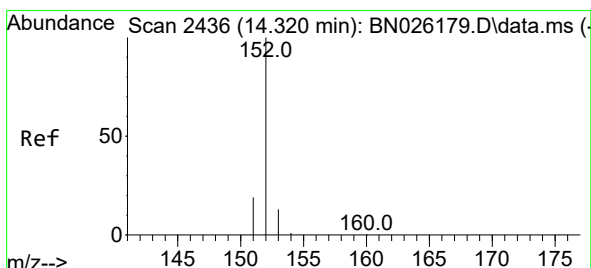
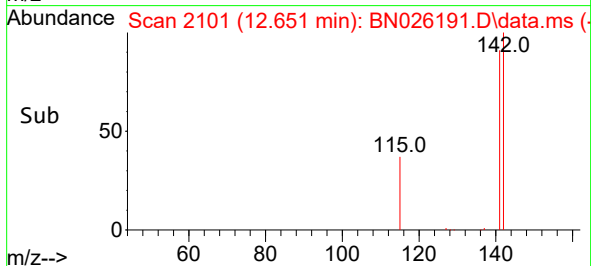
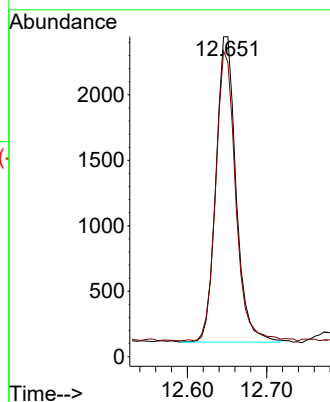
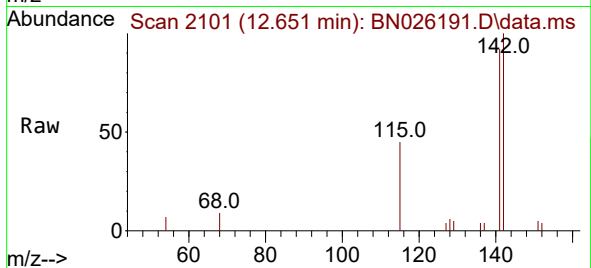
DCGL9

Tgt Ion:142 Resp: 4114

Ion Ratio Lower Upper

142 100

141 93.4 74.2 111.4



#10

Acenaphthylene

Concen: 0.185 ng/ul

RT: 14.320 min Scan# 2436

Delta R.T. -0.005 min

Lab File: BN026191.D

Acq: 02 Jul 2023 16:22

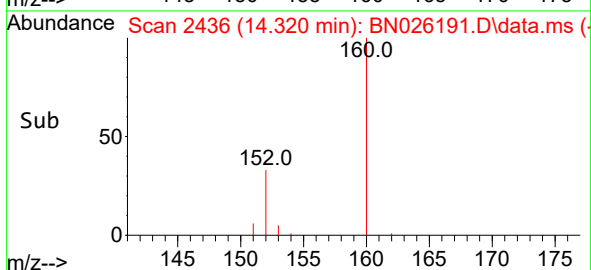
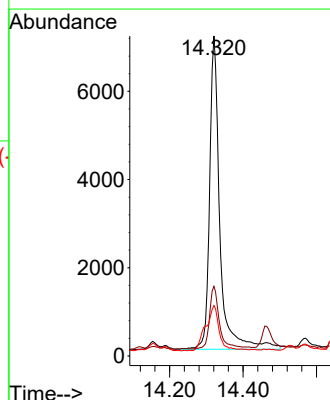
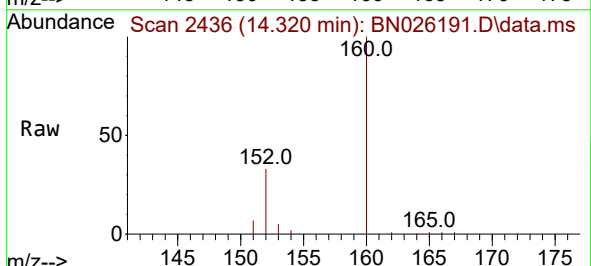
Tgt Ion:152 Resp: 13824

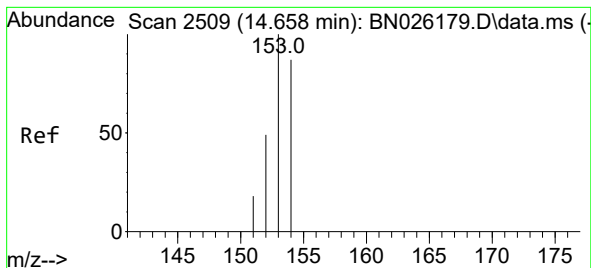
Ion Ratio Lower Upper

152 100

151 21.7 16.2 24.4

153 15.8 10.9 16.3





#11

Acenaphthene

Concen: 0.180 ng/ul

RT: 14.663 min Scan# 2510

Delta R.T. -0.005 min

Lab File: BN026191.D

Acq: 02 Jul 2023 16:22

Instrument :

BNA_N

ClientSampleId :

DCGL9

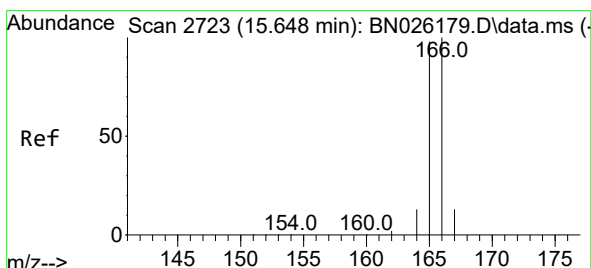
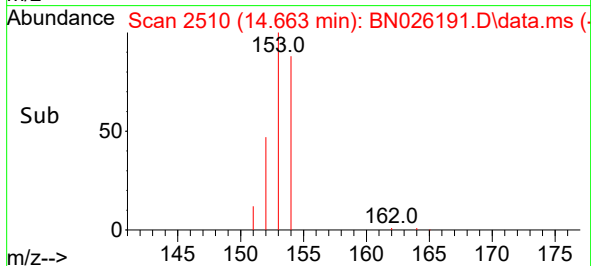
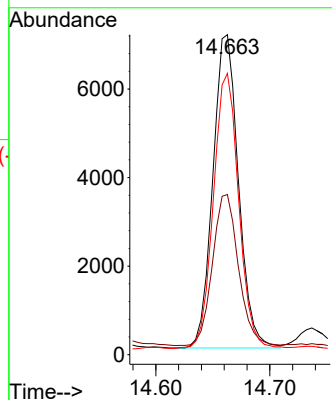
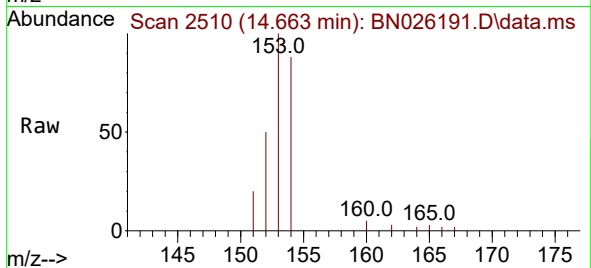
Tgt Ion:153 Resp: 11015

Ion Ratio Lower Upper

153 100

152 50.1 39.4 59.0

154 87.9 68.9 103.3



#12

Fluorene

Concen: 0.127 ng/ul

RT: 15.648 min Scan# 2723

Delta R.T. -0.005 min

Lab File: BN026191.D

Acq: 02 Jul 2023 16:22

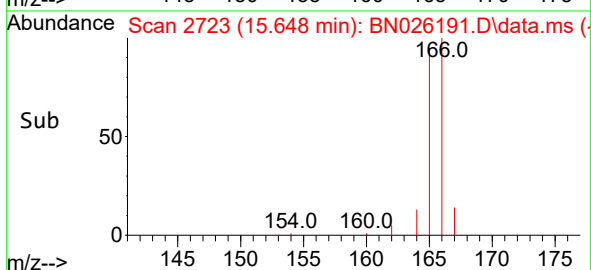
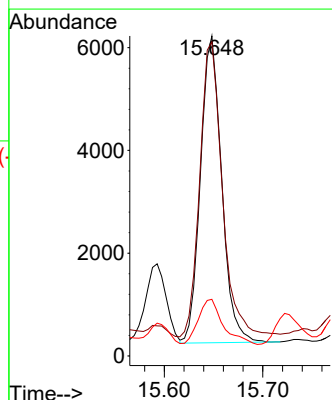
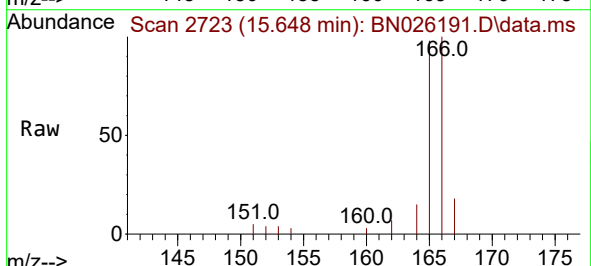
Tgt Ion:166 Resp: 8929

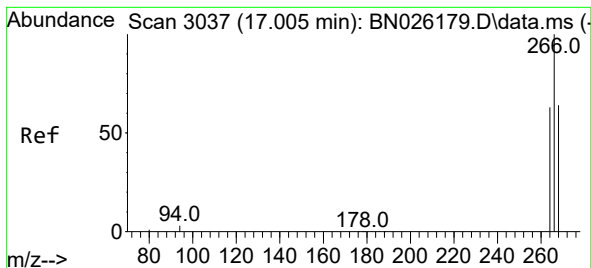
Ion Ratio Lower Upper

166 100

165 98.2 79.9 119.9

167 17.7 10.8 16.2#





#14

Pentachlorophenol

Concen: 0.052 ng/ul

RT: 17.005 min Scan# 3037

Delta R.T. -0.005 min

Lab File: BN026191.D

Acq: 02 Jul 2023 16:22

Instrument :

BNA_N

ClientSampleId :

DCGL9

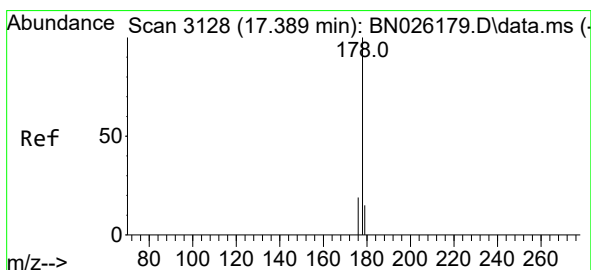
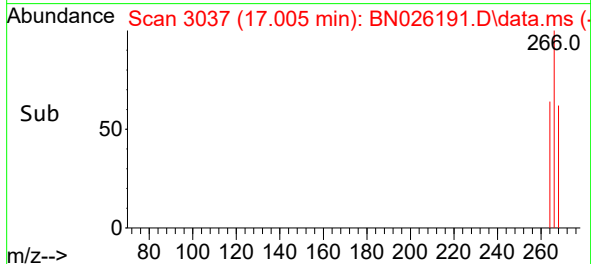
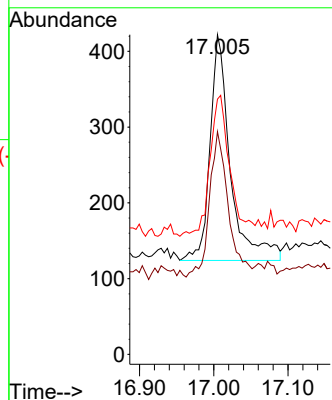
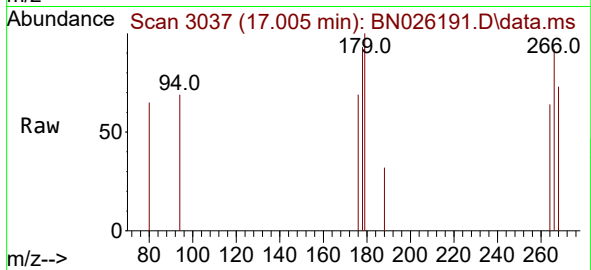
Tgt Ion:266 Resp: 568

Ion Ratio Lower Upper

266 100

264 60.0 50.5 75.7

268 63.4 51.6 77.4



#15

Phenanthrene

Concen: 2.679 ng/ul

RT: 17.389 min Scan# 3128

Delta R.T. -0.005 min

Lab File: BN026191.D

Acq: 02 Jul 2023 16:22

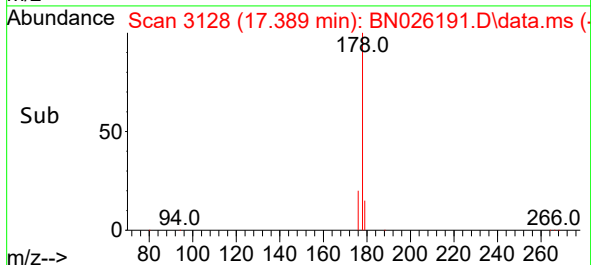
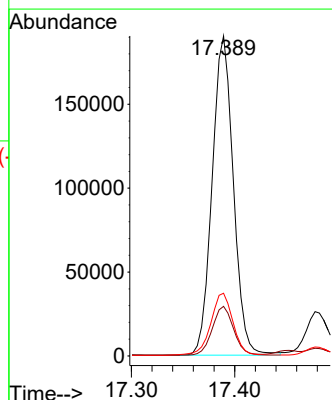
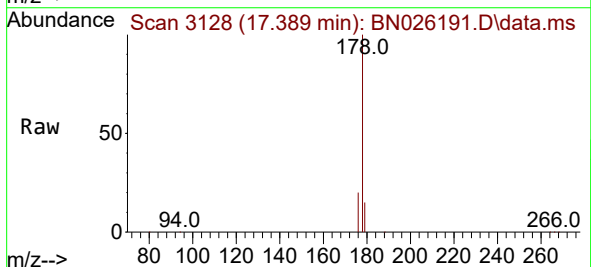
Tgt Ion:178 Resp: 271606

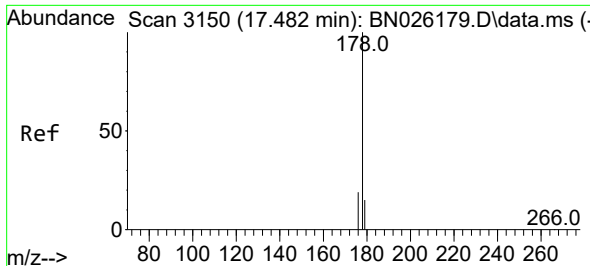
Ion Ratio Lower Upper

178 100

179 15.5 12.6 19.0

176 19.6 15.8 23.6

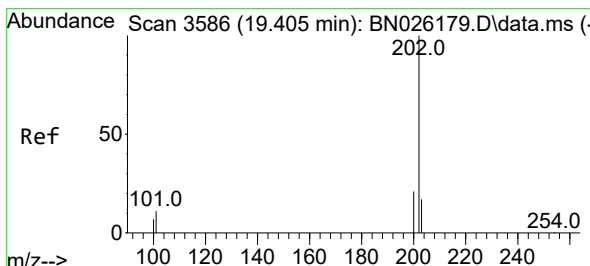
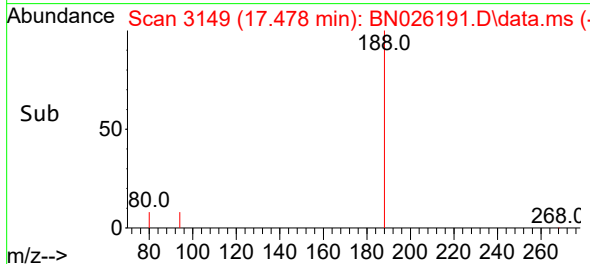
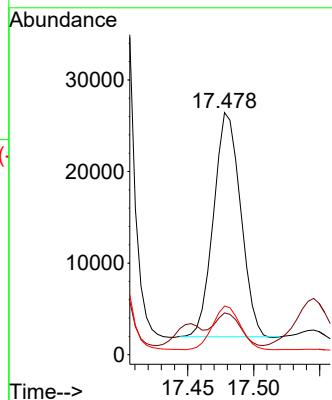
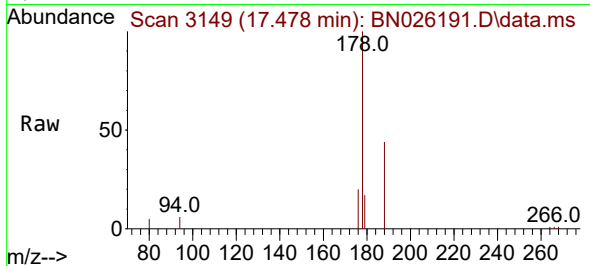




#16
 Anthracene
 Concen: 0.386 ng/ul
 RT: 17.478 min Scan# 3150
 Delta R.T. -0.009 min
 Lab File: BN026191.D
 Acq: 02 Jul 2023 16:22

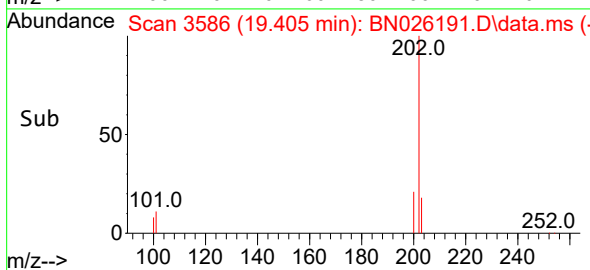
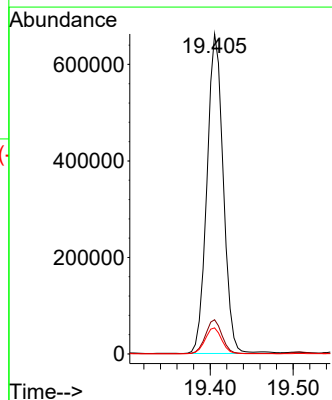
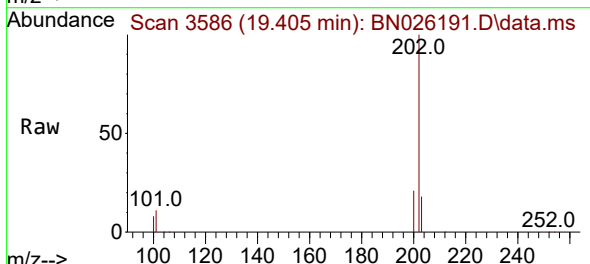
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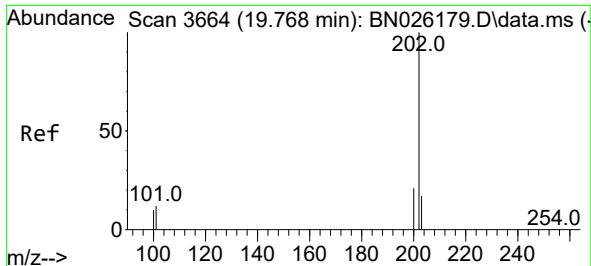
Tgt Ion:178 Resp: 34831
 Ion Ratio Lower Upper
 178 100
 179 17.2 12.6 18.8
 176 20.1 15.1 22.7



#19
 Fluoranthene
 Concen: 10.905 ng/ul
 RT: 19.405 min Scan# 3586
 Delta R.T. -0.005 min
 Lab File: BN026191.D
 Acq: 02 Jul 2023 16:22

Tgt Ion:202 Resp: 905668
 Ion Ratio Lower Upper
 202 100
 101 10.7 9.5 14.3
 100 8.2 7.3 10.9

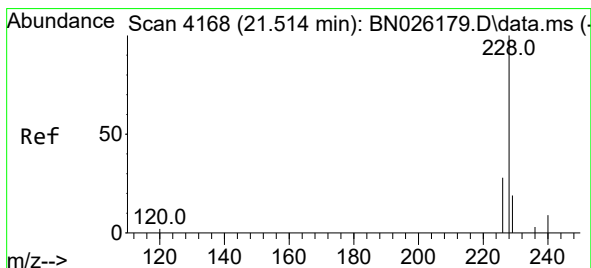
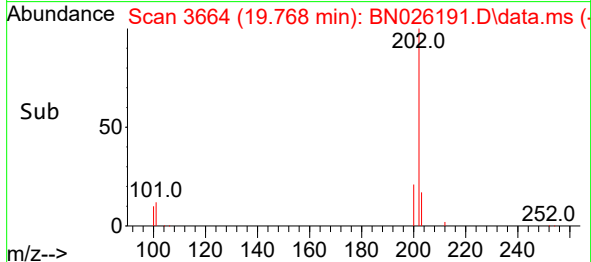
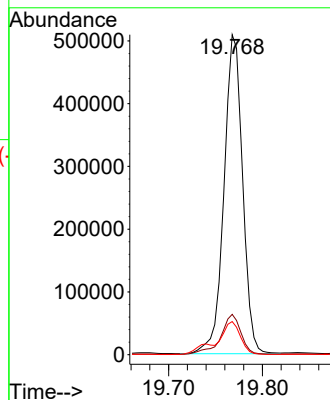
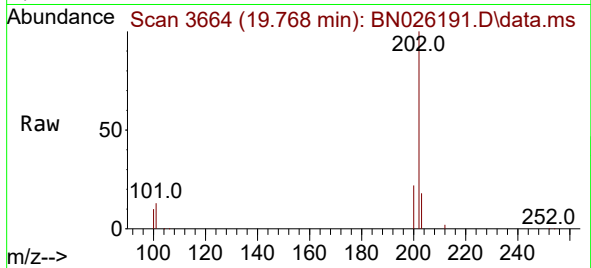




#20
Pyrene
Concen: 8.113 ng/ul
RT: 19.768 min Scan# 30
Delta R.T. -0.005 min
Lab File: BN026191.D
Acq: 02 Jul 2023 16:22

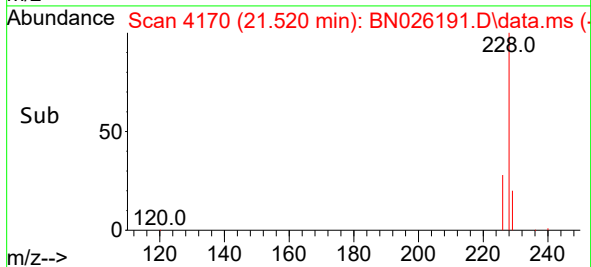
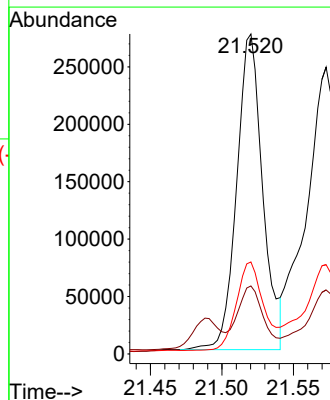
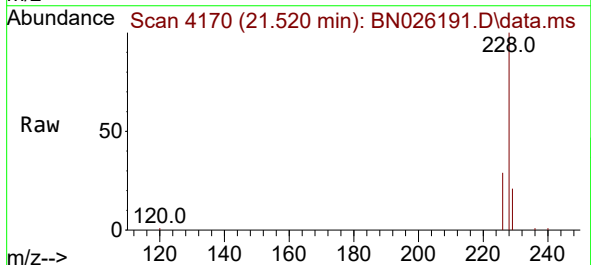
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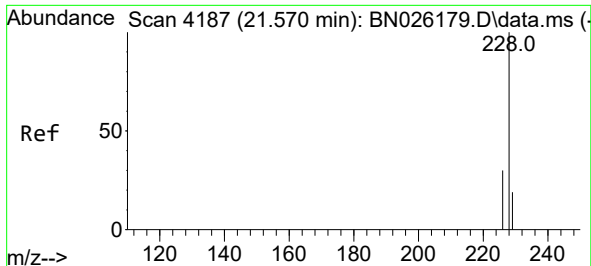
Tgt Ion:202 Resp: 700779
Ion Ratio Lower Upper
202 100
101 12.6 11.4 17.0
100 10.3 9.1 13.7



#21
Benzo(a)anthracene
Concen: 5.426 ng/ul
RT: 21.520 min Scan# 4170
Delta R.T. -0.006 min
Lab File: BN026191.D
Acq: 02 Jul 2023 16:22

Tgt Ion:228 Resp: 348061
Ion Ratio Lower Upper
228 100
229 21.2 15.8 23.6
226 28.8 22.5 33.7





#22

Chrysene

Concen: 6.028 ng/ul

RT: 21.573 min Scan# 4187

Delta R.T. -0.006 min

Lab File: BN026191.D

Acq: 02 Jul 2023 16:22

Instrument :

BNA_N

ClientSampleId :

DCGL9

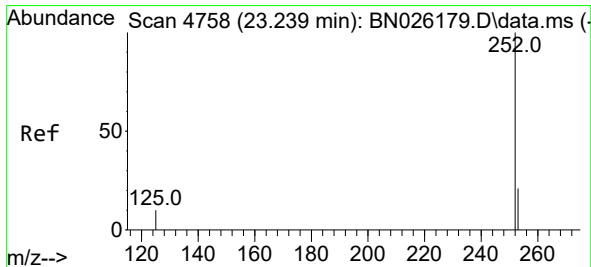
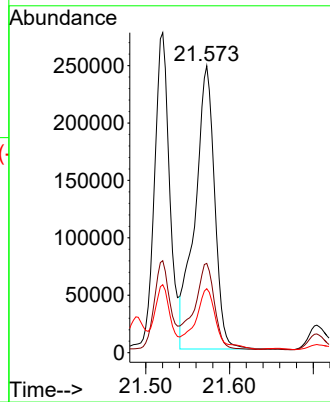
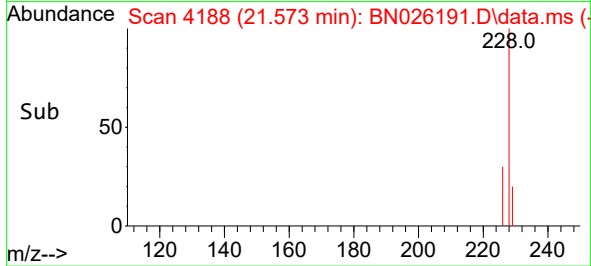
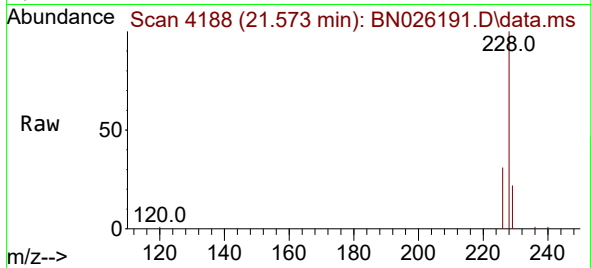
Tgt Ion:228 Resp: 402342

Ion Ratio Lower Upper

228 100

226 31.1 24.8 37.2

229 22.3 15.7 23.5



#24

Benzo(b)fluoranthene

Concen: 11.153 ng/ul

RT: 23.251 min Scan# 4762

Delta R.T. 0.008 min

Lab File: BN026191.D

Acq: 02 Jul 2023 16:22

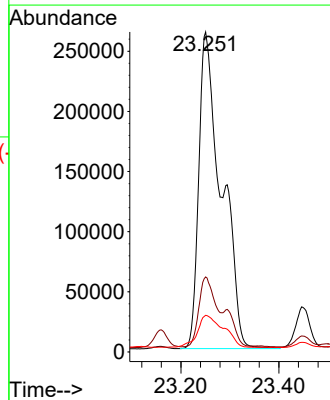
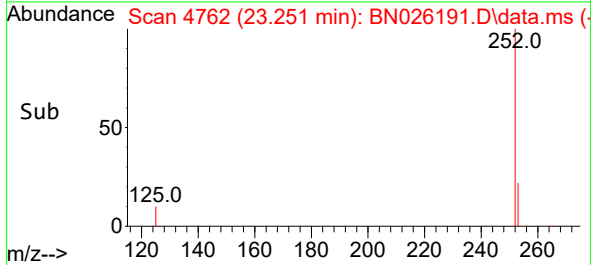
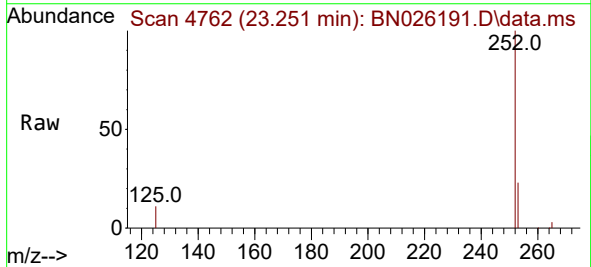
Tgt Ion:252 Resp: 847688

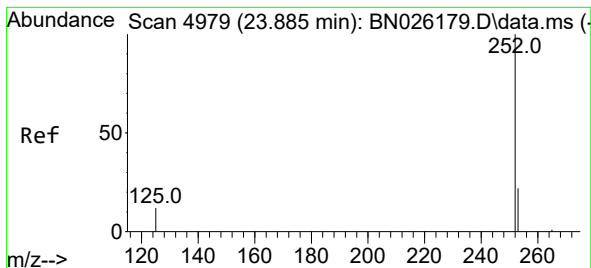
Ion Ratio Lower Upper

252 100

253 23.5 0.0 55.6

125 11.5 0.0 35.8





#26

Benzo(a)pyrene

Concen: 5.763 ng/ul

RT: 23.900 min Scan# 4984

Delta R.T. 0.014 min

Lab File: BN026191.D

Acq: 02 Jul 2023 16:22

Instrument :

BNA_N

ClientSampleId :

DCGL9

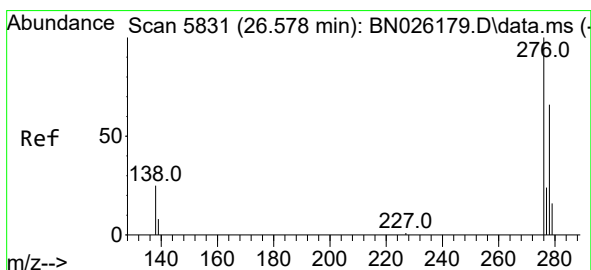
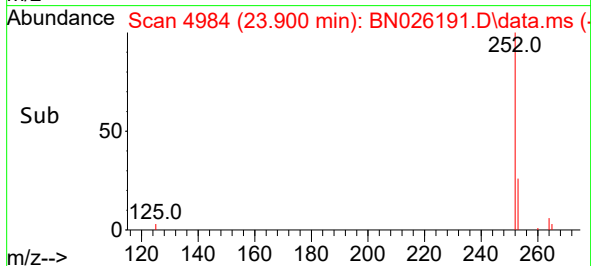
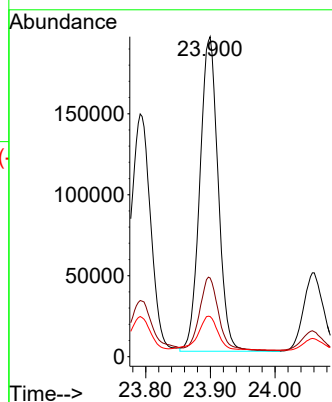
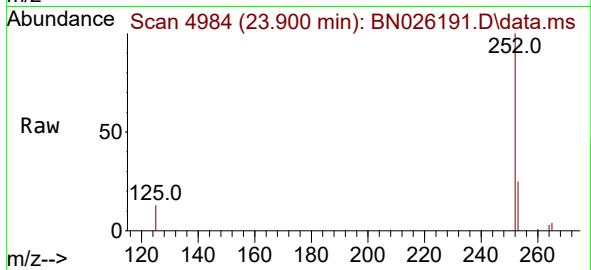
Tgt Ion:252 Resp: 380463

Ion Ratio Lower Upper

252 100

253 24.6 26.0 39.0#

125 12.6 17.3 25.9#



#27

Indeno(1,2,3-cd)pyrene

Concen: 4.443 ng/ul

RT: 26.591 min Scan# 5835

Delta R.T. 0.033 min

Lab File: BN026191.D

Acq: 02 Jul 2023 16:22

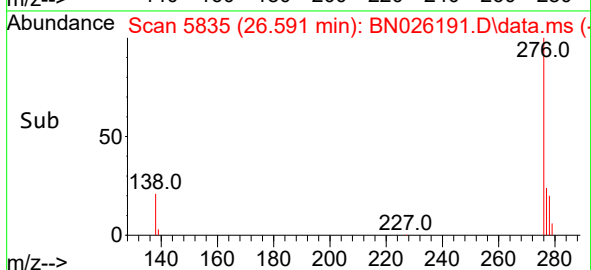
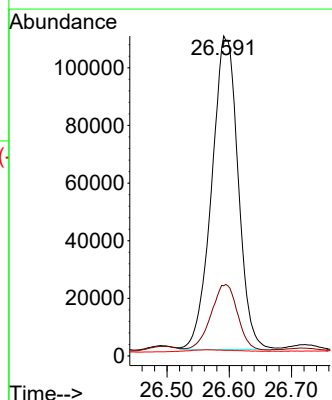
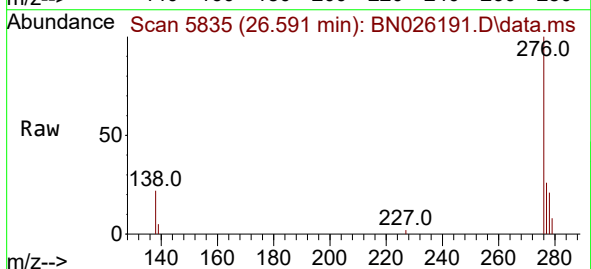
Tgt Ion:276 Resp: 320339

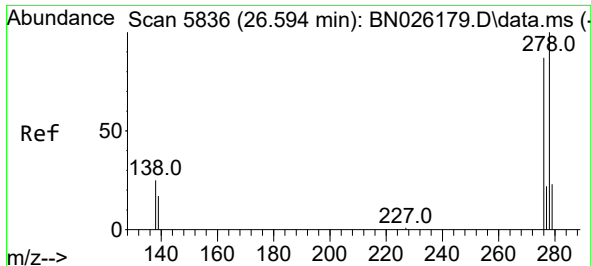
Ion Ratio Lower Upper

276 100

138 21.4 24.5 36.7#

227 0.0 0.0 0.0

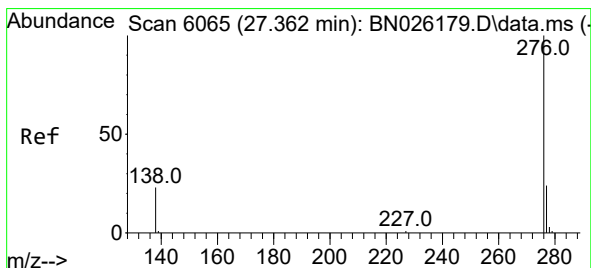
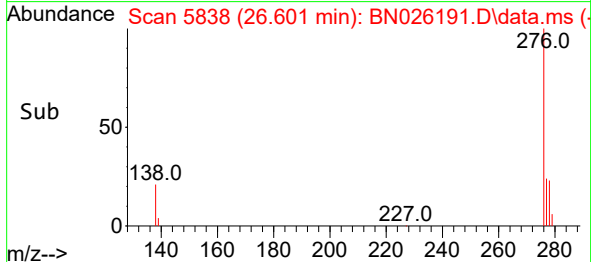
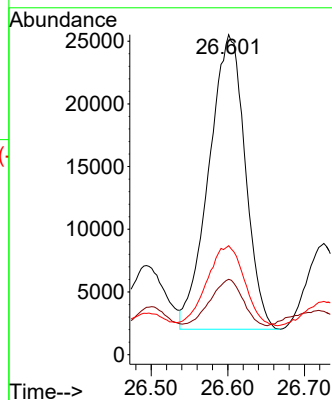
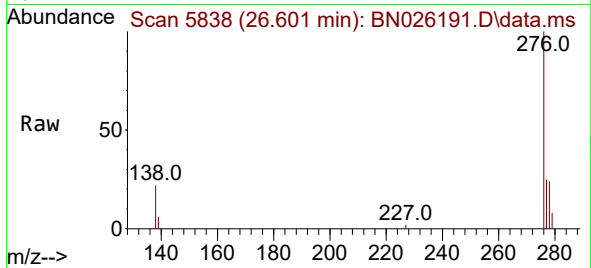




#28
Dibenzo(a,h)anthracene
Concen: 1.417 ng/ul
RT: 26.601 min Scan# 5838
Delta R.T. 0.023 min
Lab File: BN026191.D
Acq: 02 Jul 2023 16:22

Instrument :
BNA_N
ClientSampleId :
DCGL9

Tgt Ion:278 Resp: 77302
Ion Ratio Lower Upper
278 100
139 23.6 19.0 28.4
279 34.0 26.7 40.1



#29
Benzo(g,h,i)perylene
Concen: 4.614 ng/ul
RT: 27.393 min Scan# 6074
Delta R.T. 0.046 min
Lab File: BN026191.D
Acq: 02 Jul 2023 16:22

Tgt Ion:276 Resp: 295937
Ion Ratio Lower Upper
276 100
138 23.2 23.4 35.0#
277 25.4 20.0 30.0

