

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070123\
 Data File : BN026133.D
 Acq On : 30 Jun 2023 16:55
 Operator : MA/JU
 Sample : 03143-16DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFV3DL

Quant Time: Jul 01 00:56:16 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)

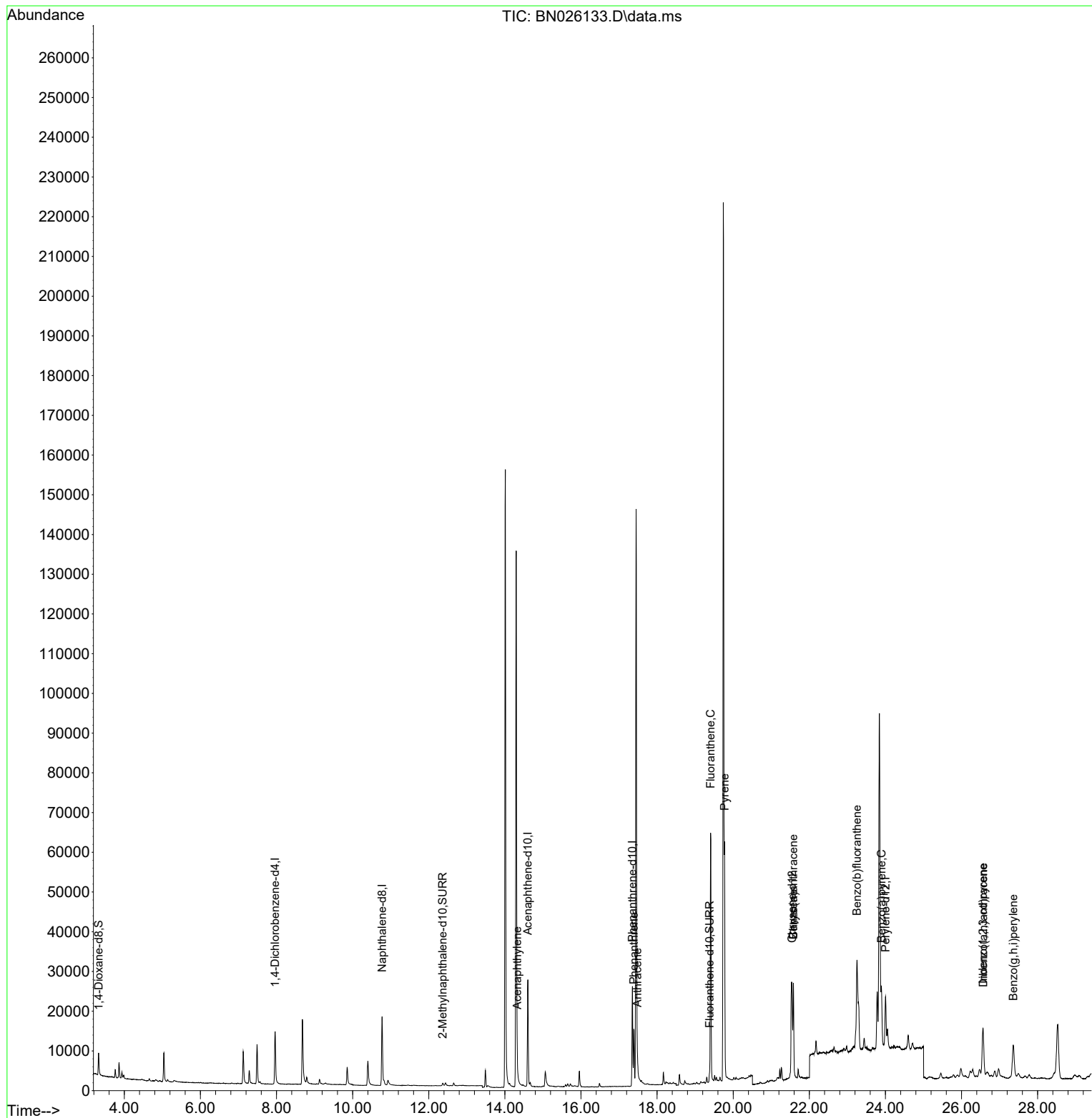
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	8425	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.775	136	27442	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.603	164	15755	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.352	188	31535	0.400	ng/ul	0.00
17) Chrysene-d12	21.544	240	17473	0.400	ng/ul	0.00
23) Perylene-d12	24.002	264	17497	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.326	96	4083	0.430	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.365	152	1241	0.029	ng/ul	0.00
18) Fluoranthene-d10	19.378	212	2479	0.037	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.326	152	1490	0.020	ng/ul#	78
15) Phenanthrene	17.390	178	16082	0.154	ng/ul	97
16) Anthracene	17.483	178	2024	0.022	ng/ul#	78
19) Fluoranthene	19.406	202	56938	0.610	ng/ul	99
20) Pyrene	19.773	202	47766	0.492	ng/ul	97
21) Benzo(a)anthracene	21.579	228	28923	0.401	ng/ul	91
22) Chrysene	21.579	228	28346	0.378	ng/ul	95
24) Benzo(b)fluoranthene	23.251	252	56084	0.751	ng/ul	94
26) Benzo(a)pyrene	23.894	252	22190	0.342	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.565	276	22103	0.312	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.572	278	4963	0.093	ng/ul#	48
29) Benzo(g,h,i)perylene	27.360	276	20875	0.331	ng/ul	96

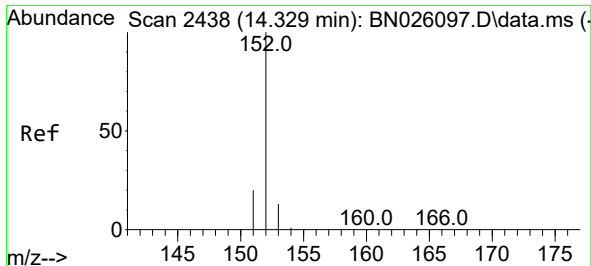
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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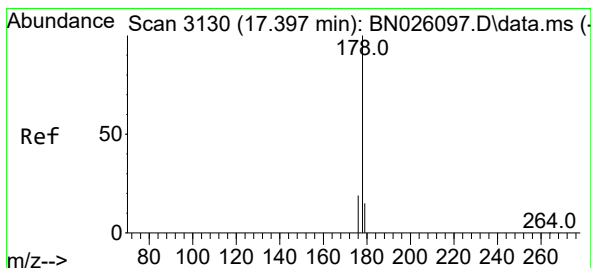
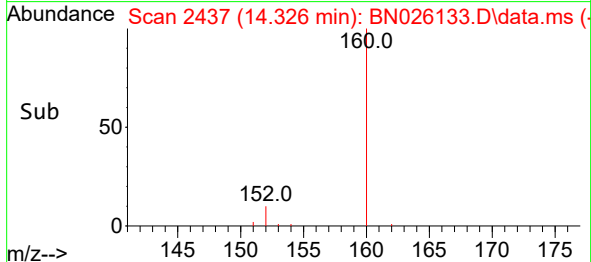
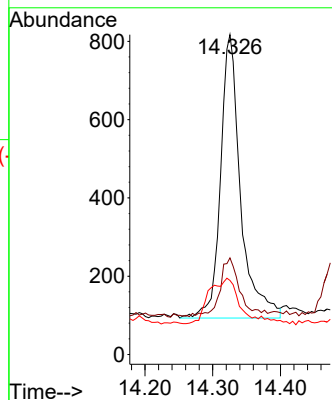
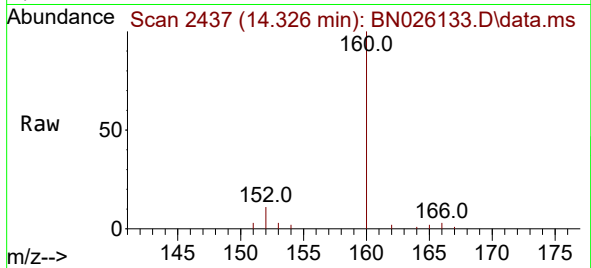




#10
Acenaphthylene
Concen: 0.020 ng/ul
RT: 14.326 min Scan# 2438
Delta R.T. -0.004 min
Lab File: BN026133.D
Acq: 30 Jun 2023 16:55

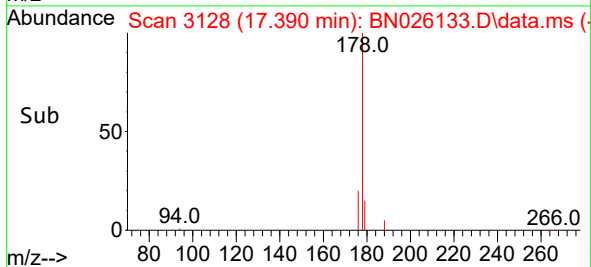
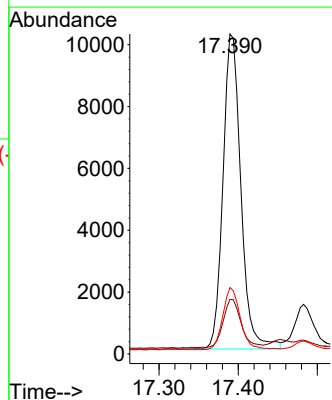
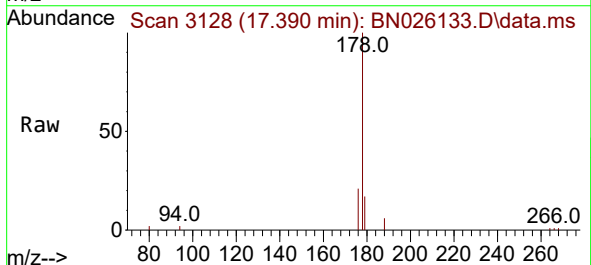
Instrument :
BNA_N
ClientSampleId :
DCFV3DL

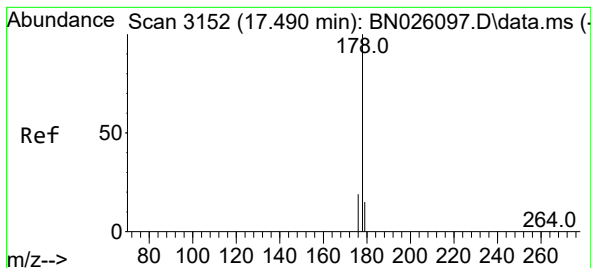
Tgt Ion:152 Resp: 1490
Ion Ratio Lower Upper
152 100
151 30.2 16.2 24.4#
153 23.1 10.9 16.3#



#15
Phenanthrene
Concen: 0.154 ng/ul
RT: 17.390 min Scan# 3128
Delta R.T. -0.012 min
Lab File: BN026133.D
Acq: 30 Jun 2023 16:55

Tgt Ion:178 Resp: 16082
Ion Ratio Lower Upper
178 100
179 17.1 12.6 19.0
176 20.8 15.8 23.6





#16

Anthracene

Concen: 0.022 ng/ul

RT: 17.483 min Scan# 3150

Delta R.T. -0.012 min

Lab File: BN026133.D

Acq: 30 Jun 2023 16:55

Instrument :

BNA_N

ClientSampleId :

DCFV3DL

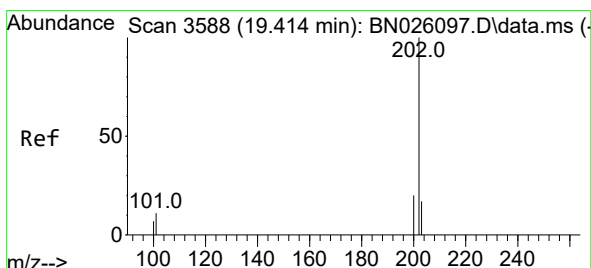
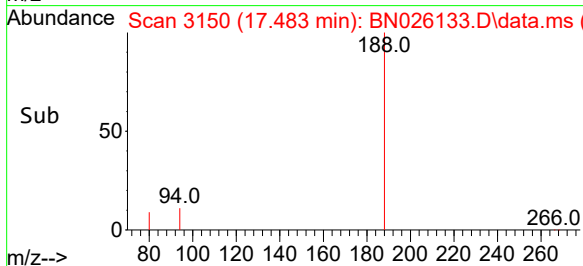
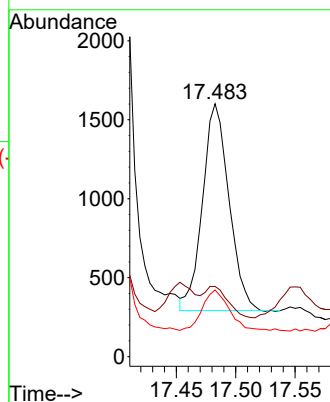
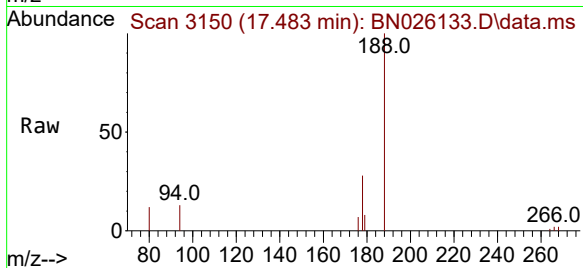
Tgt Ion:178 Resp: 2024

Ion Ratio Lower Upper

178 100

179 27.8 12.6 18.8#

176 26.3 15.1 22.7#



#19

Fluoranthene

Concen: 0.610 ng/ul

RT: 19.406 min Scan# 3586

Delta R.T. -0.009 min

Lab File: BN026133.D

Acq: 30 Jun 2023 16:55

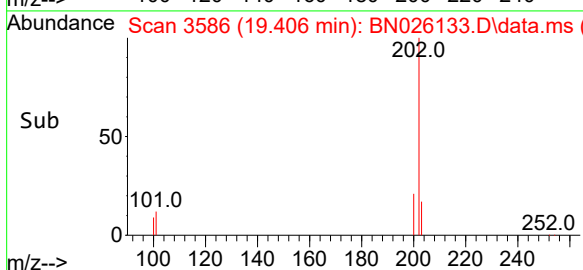
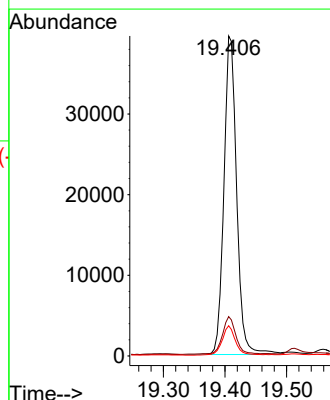
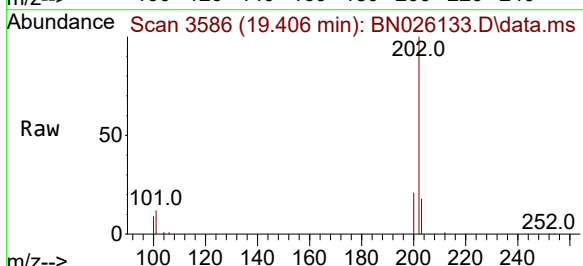
Tgt Ion:202 Resp: 56938

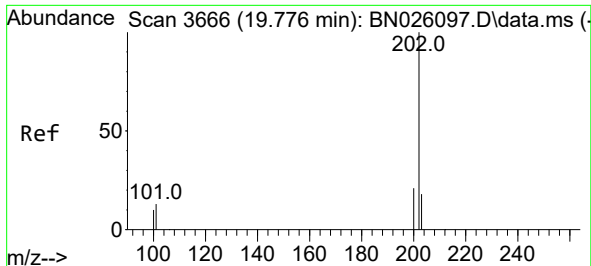
Ion Ratio Lower Upper

202 100

101 12.3 9.5 14.3

100 9.4 7.3 10.9

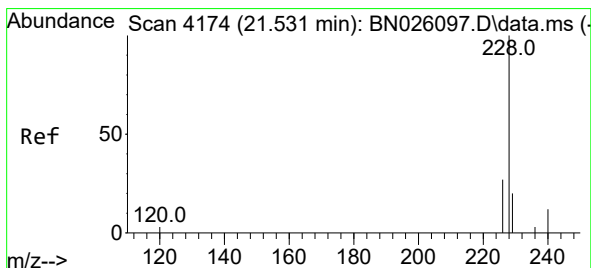
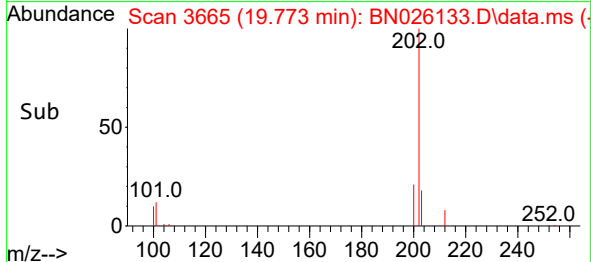
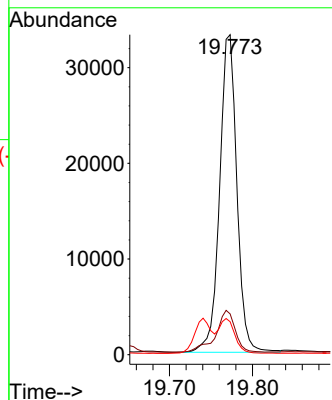
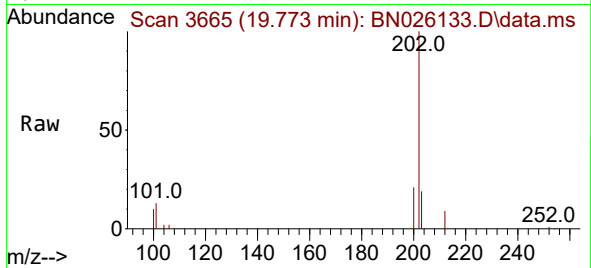




#20
Pyrene
Concen: 0.492 ng/ul
RT: 19.773 min Scan# 30
Delta R.T. -0.004 min
Lab File: BN026133.D
Acq: 30 Jun 2023 16:55

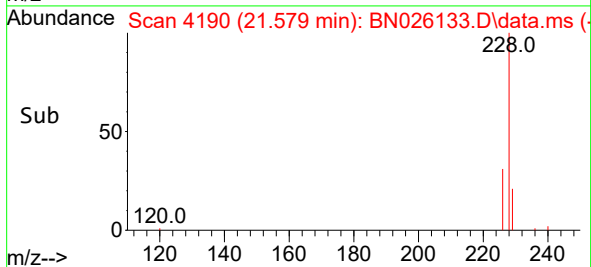
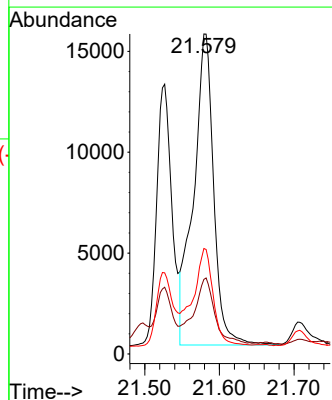
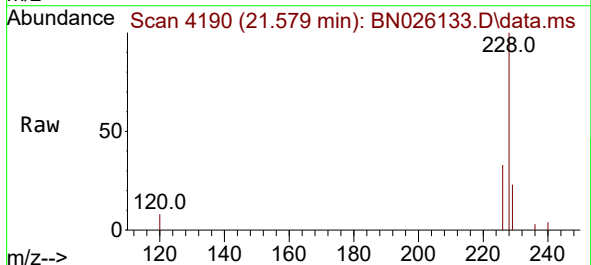
Instrument :
BNA_N
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DCFV3DL

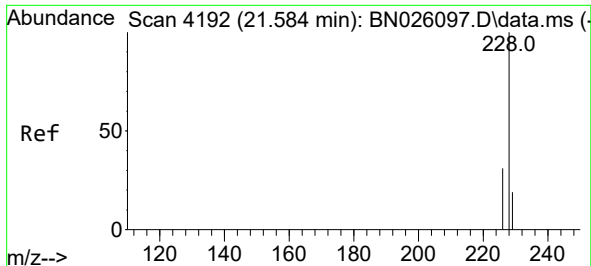
Tgt Ion:202 Resp: 47766
Ion Ratio Lower Upper
202 100
101 12.8 11.4 17.0
100 10.3 9.1 13.7



#21
Benzo(a)anthracene
Concen: 0.401 ng/ul
RT: 21.579 min Scan# 4190
Delta R.T. 0.050 min
Lab File: BN026133.D
Acq: 30 Jun 2023 16:55

Tgt Ion:228 Resp: 28923
Ion Ratio Lower Upper
228 100
229 23.3 15.8 23.6
226 32.9 22.5 33.7





#22

Chrysene

Concen: 0.378 ng/ul

RT: 21.579 min Scan# 4192

Delta R.T. 0.001 min

Lab File: BN026133.D

Acq: 30 Jun 2023 16:55

Instrument :

BNA_N

ClientSampleId :

DCFV3DL

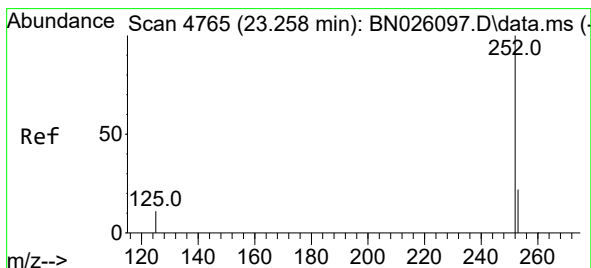
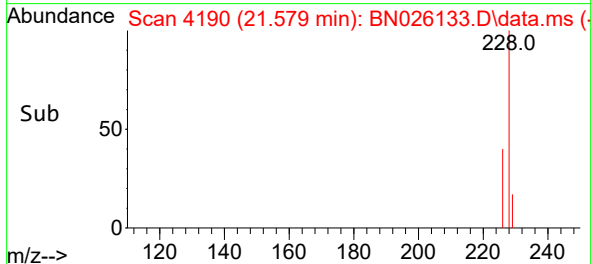
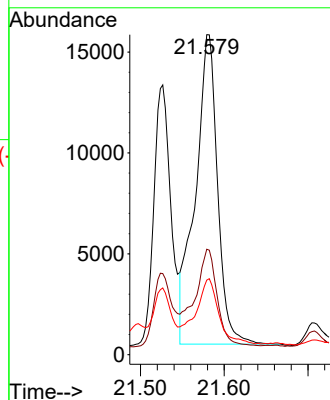
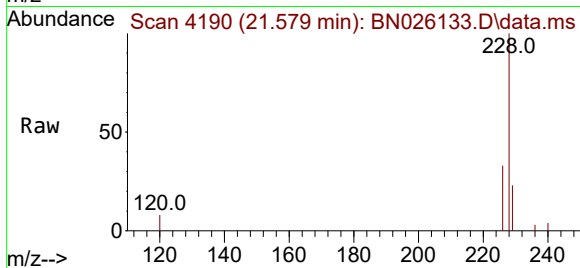
Tgt Ion:228 Resp: 28346

Ion Ratio Lower Upper

228 100

226 32.9 24.8 37.2

229 23.3 15.7 23.5



#24

Benzo(b)fluoranthene

Concen: 0.751 ng/ul

RT: 23.251 min Scan# 4762

Delta R.T. -0.002 min

Lab File: BN026133.D

Acq: 30 Jun 2023 16:55

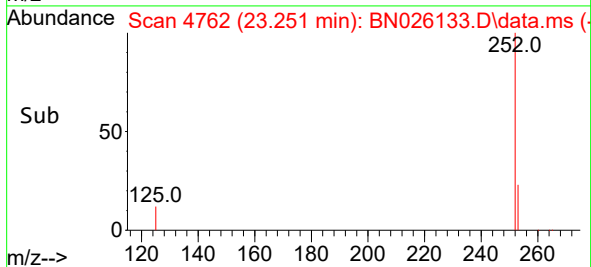
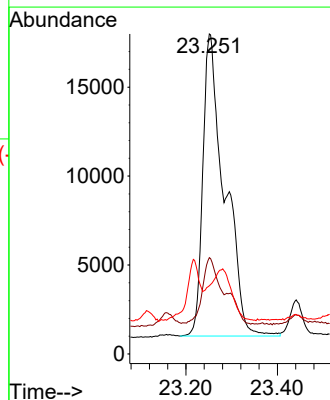
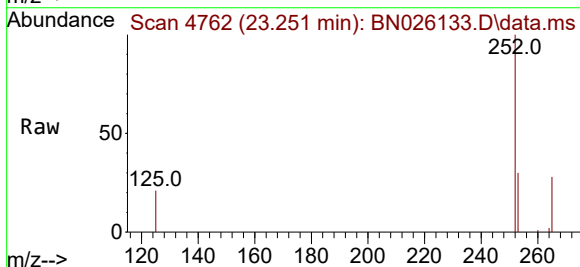
Tgt Ion:252 Resp: 56084

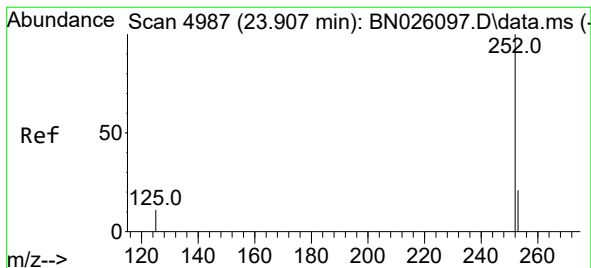
Ion Ratio Lower Upper

252 100

253 30.1 0.0 55.6

125 21.3 0.0 35.8





#26

Benzo(a)pyrene

Concen: 0.342 ng/ul

RT: 23.894 min Scan# 4987

Delta R.T. -0.011 min

Lab File: BN026133.D

Acq: 30 Jun 2023 16:55

Instrument :

BNA_N

ClientSampleId :

DCFV3DL

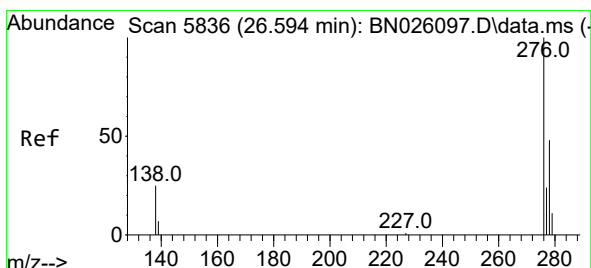
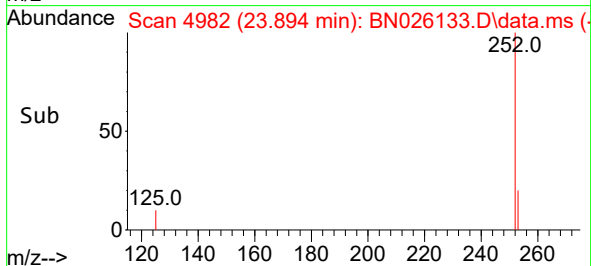
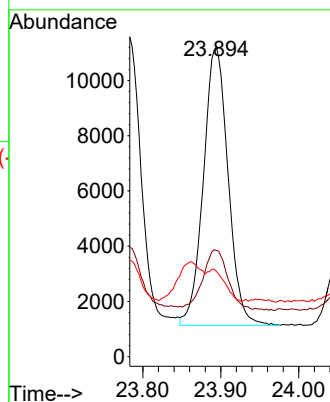
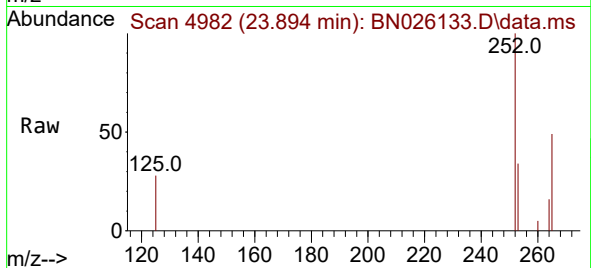
Tgt Ion:252 Resp: 22190

Ion Ratio Lower Upper

252 100

253 34.3 26.0 39.0

125 27.6 17.3 25.9#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.312 ng/ul

RT: 26.565 min Scan# 5827

Delta R.T. -0.029 min

Lab File: BN026133.D

Acq: 30 Jun 2023 16:55

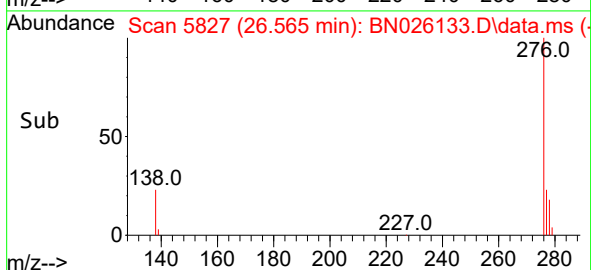
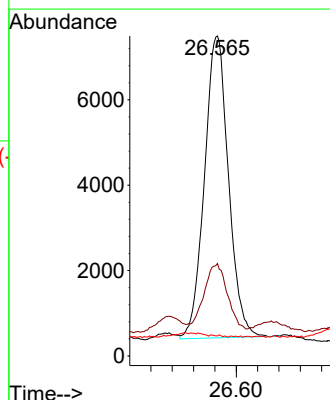
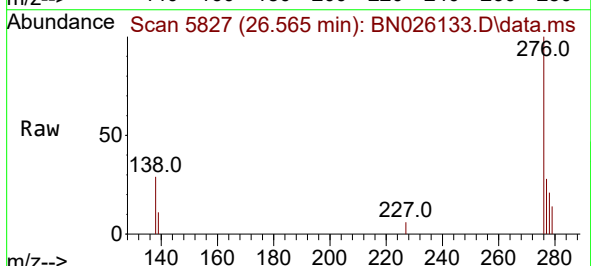
Tgt Ion:276 Resp: 22103

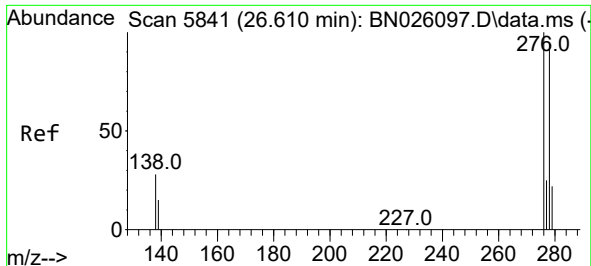
Ion Ratio Lower Upper

276 100

138 22.5 24.5 36.7#

227 0.1 0.0 0.0#

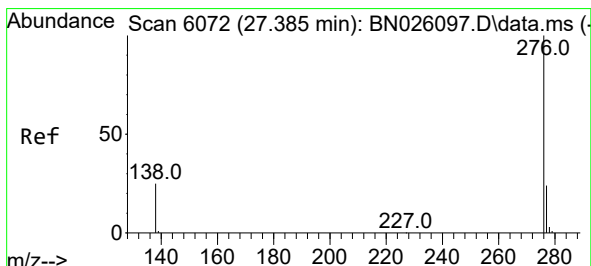
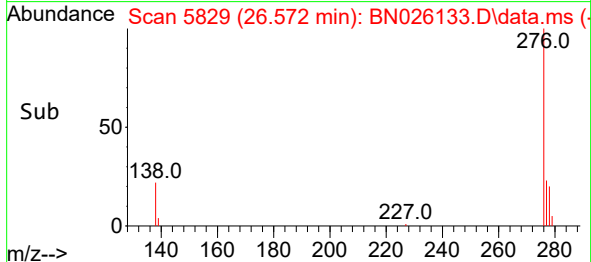
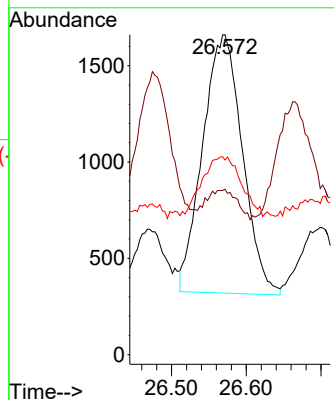
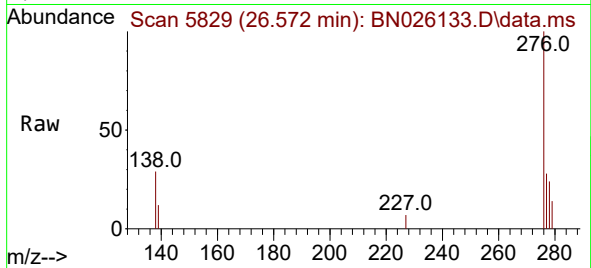




#28
Dibenzo(a,h)anthracene
Concen: 0.093 ng/ul
RT: 26.572 min Scan# 51
Delta R.T. -0.043 min
Lab File: BN026133.D
Acq: 30 Jun 2023 16:55

Instrument :
BNA_N
ClientSampleId :
DCFV3DL

Tgt Ion:278 Resp: 4963
Ion Ratio Lower Upper
278 100
139 51.7 19.0 28.4#
279 60.9 26.7 40.1#



#29
Benzo(g,h,i)perylene
Concen: 0.331 ng/ul
RT: 27.360 min Scan# 6064
Delta R.T. -0.026 min
Lab File: BN026133.D
Acq: 30 Jun 2023 16:55

Tgt Ion:276 Resp: 20875
Ion Ratio Lower Upper
276 100
138 30.5 23.4 35.0
277 28.2 20.0 30.0

