

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042623\
 Data File : BN025141.D
 Acq On : 26 Apr 2023 12:08
 Operator : CG/JU
 Sample : 02296-12MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCBL6MS

Quant Time: Apr 27 00:13:02 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 26 15:32:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

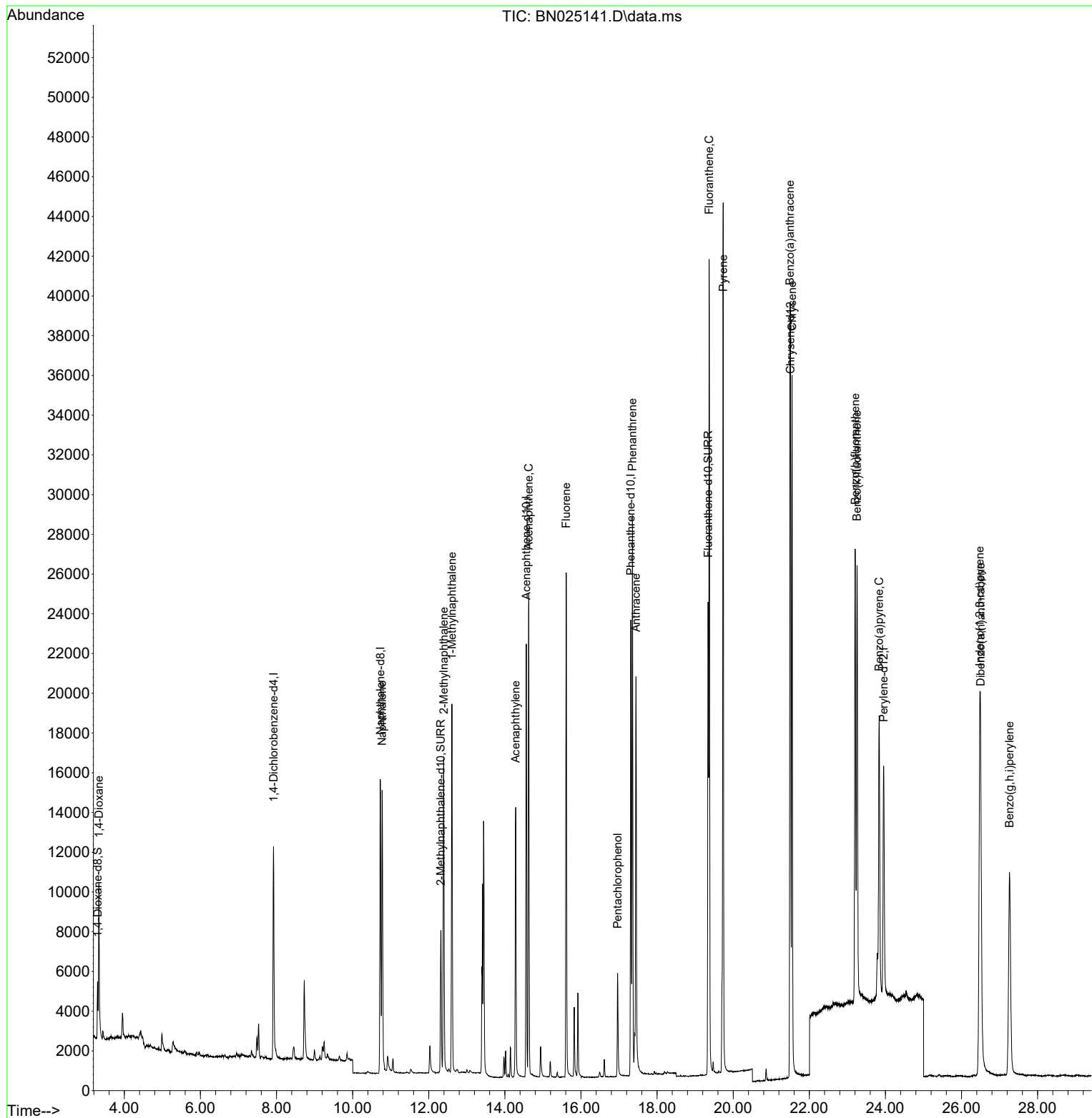
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.921	152	6326	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	20150	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.562	164	11757	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.310	188	27016	0.400	ng/ul	0.00
17) Chrysene-d12	21.506	240	21953	0.400	ng/ul	0.00
23) Perylene-d12	23.953	264	18286	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	1830	0.279	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.315	152	9849	0.381	ng/ul	0.00
18) Fluoranthene-d10	19.341	212	26584	0.459	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.331	88	4927	0.698	ng/ul	87
5) Naphthalene	10.776	128	20294	0.393	ng/ul	100
7) 2-Methylnaphthalene	12.392	142	12087	0.382	ng/ul	100
8) 1-Methylnaphthalene	12.607	142	12843	0.381	ng/ul	100
10) Acenaphthylene	14.284	152	16343	0.373	ng/ul	100
11) Acenaphthene	14.626	153	14331	0.388	ng/ul	99
12) Fluorene	15.612	166	16544	0.401	ng/ul	98
14) Pentachlorophenol	16.963	266	3682	0.694	ng/ul	99
15) Phenanthrene	17.352	178	30030	0.394	ng/ul	99
16) Anthracene	17.445	178	24056	0.386	ng/ul	100
19) Fluoranthene	19.369	202	35697	0.450	ng/ul	99
20) Pyrene	19.736	202	36788	0.451	ng/ul	100
21) Benzo(a)anthracene	21.492	228	30232	0.457	ng/ul	100
22) Chrysene	21.547	228	33044	0.458	ng/ul	99
24) Benzo(b)fluoranthene	23.204	252	32213	0.434	ng/ul	98
25) Benzo(k)fluoranthene	23.254	252	31105	0.436	ng/ul	99
26) Benzo(a)pyrene	23.836	252	24623	0.401	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.478	276	30111	0.426	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.501	278	24055	0.435	ng/ul	98
29) Benzo(g,h,i)perylene	27.259	276	25883	0.430	ng/ul	99

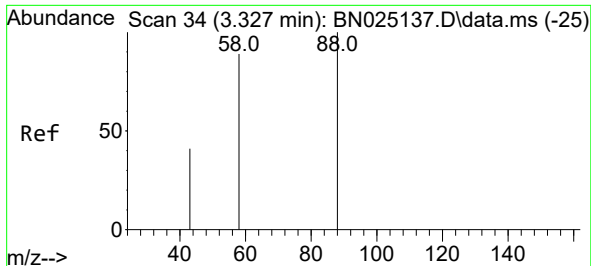
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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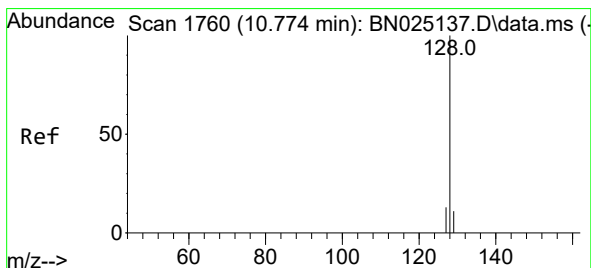
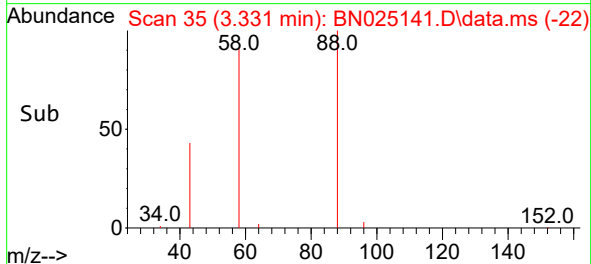
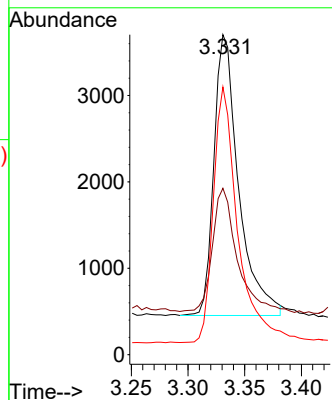
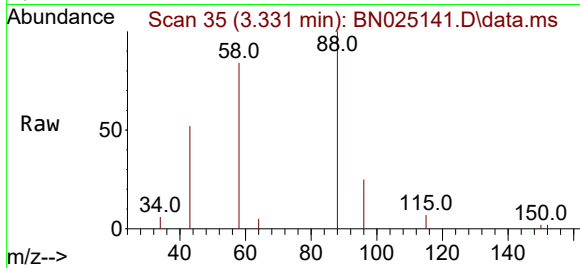




#2
1,4-Dioxane
Concen: 0.698 ng/ul
RT: 3.331 min Scan# 31
Delta R.T. 0.004 min
Lab File: BN025141.D
Acq: 26 Apr 2023 12:08

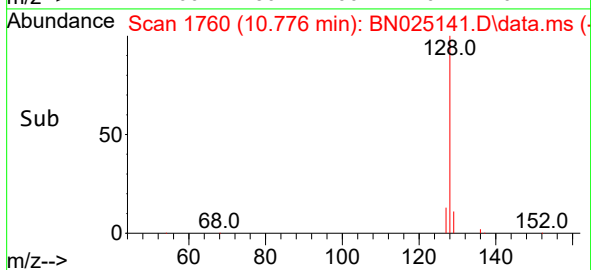
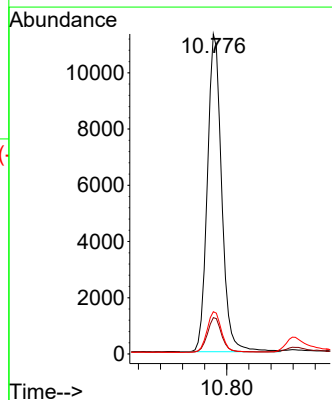
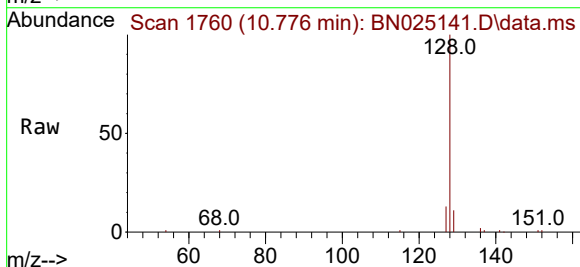
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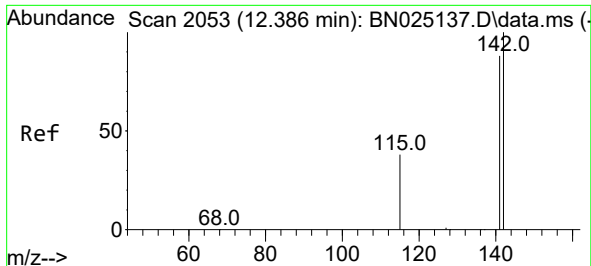
Tgt Ion: 88 Resp: 4927
Ion Ratio Lower Upper
88 100
43 52.0 37.0 55.4
58 83.6 56.9 85.3



#5
Naphthalene
Concen: 0.393 ng/ul
RT: 10.776 min Scan# 1760
Delta R.T. 0.001 min
Lab File: BN025141.D
Acq: 26 Apr 2023 12:08

Tgt Ion: 128 Resp: 20294
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.2 10.7 16.1

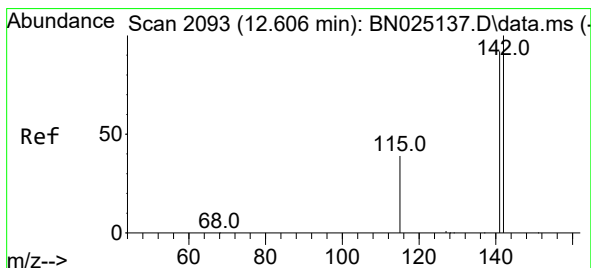
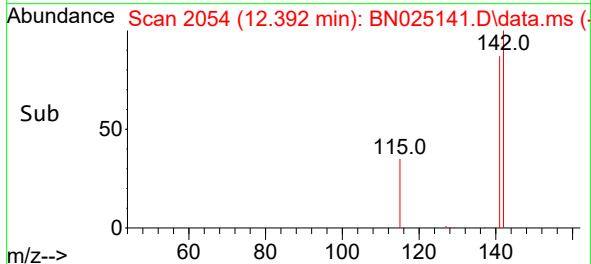
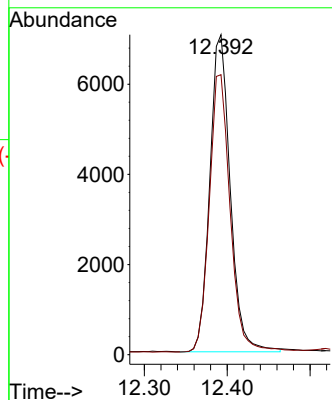
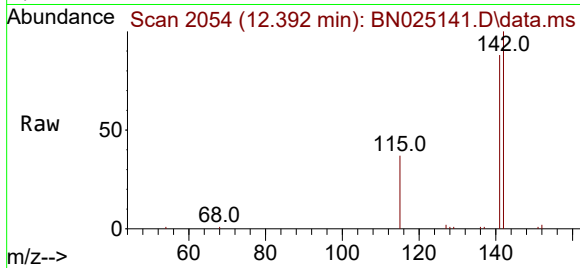




#7
2-Methylnaphthalene
Concen: 0.382 ng/ul
RT: 12.392 min Scan# 2054
Delta R.T. 0.007 min
Lab File: BN025141.D
Acq: 26 Apr 2023 12:08

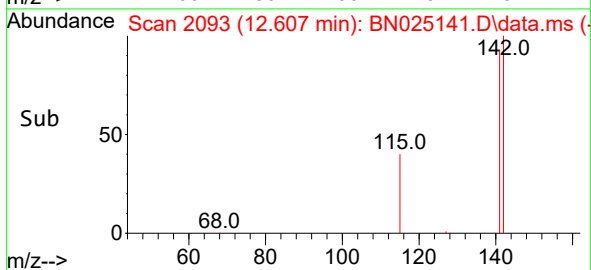
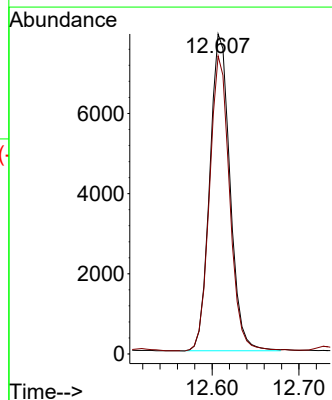
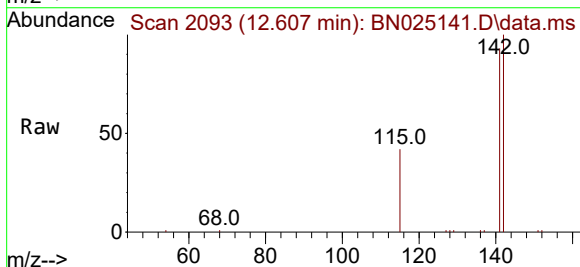
Instrument :
BNA_N
ClientSampleId :
DCBL6MS

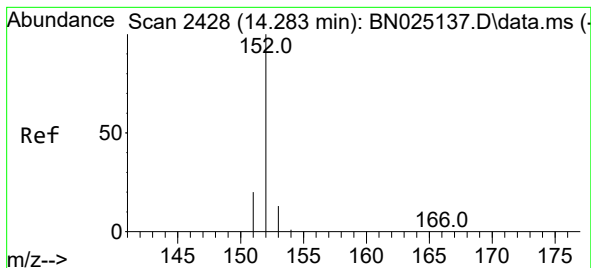
Tgt Ion:142 Resp: 12087
Ion Ratio Lower Upper
142 100
141 89.1 71.4 107.0



#8
1-Methylnaphthalene
Concen: 0.381 ng/ul
RT: 12.607 min Scan# 2093
Delta R.T. 0.001 min
Lab File: BN025141.D
Acq: 26 Apr 2023 12:08

Tgt Ion:142 Resp: 12843
Ion Ratio Lower Upper
142 100
141 91.9 73.8 110.6





#10

Acenaphthylene

Concen: 0.373 ng/ul

RT: 14.284 min Scan# 2428

Delta R.T. 0.001 min

Lab File: BN025141.D

Acq: 26 Apr 2023 12:08

Instrument :

BNA_N

ClientSampleId :

DCBL6MS

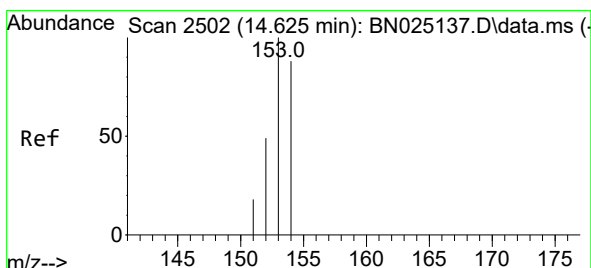
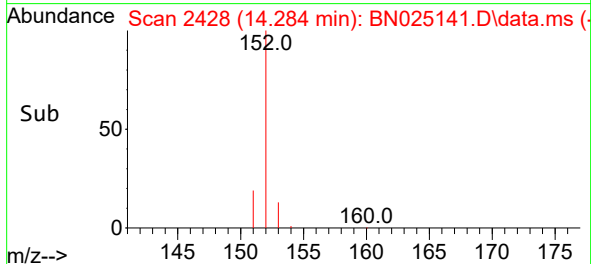
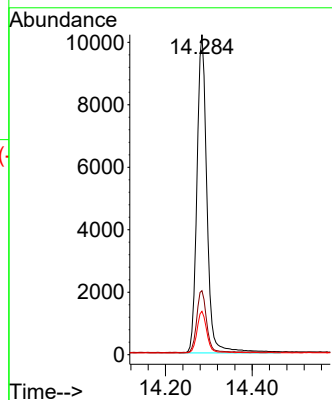
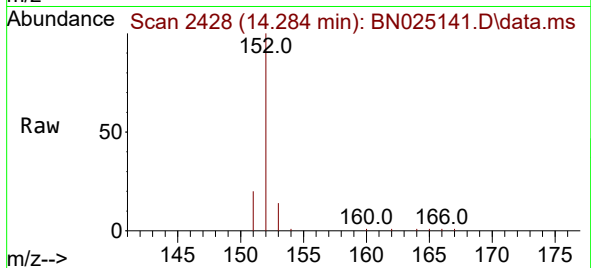
Tgt Ion:152 Resp: 16343

Ion Ratio Lower Upper

152 100

151 20.0 16.0 24.0

153 13.6 10.8 16.2



#11

Acenaphthene

Concen: 0.388 ng/ul

RT: 14.626 min Scan# 2502

Delta R.T. 0.001 min

Lab File: BN025141.D

Acq: 26 Apr 2023 12:08

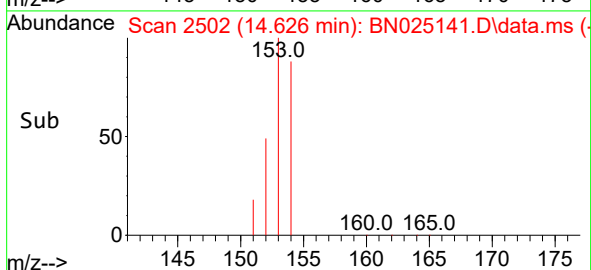
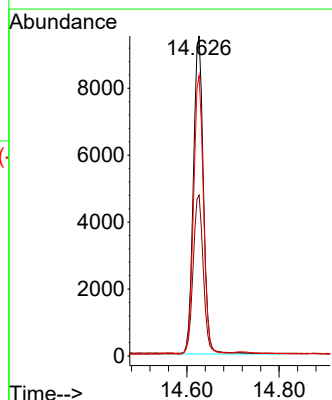
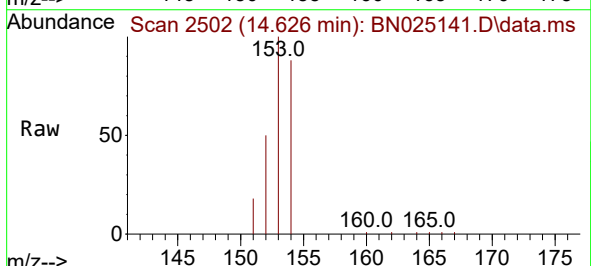
Tgt Ion:153 Resp: 14331

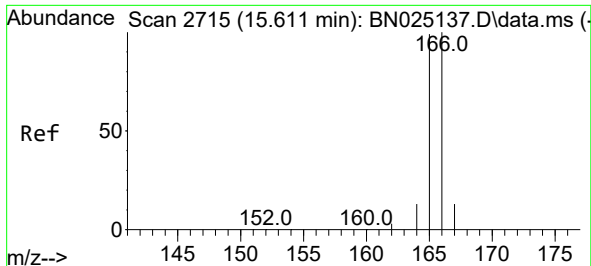
Ion Ratio Lower Upper

153 100

152 50.2 40.2 60.4

154 87.7 69.4 104.2

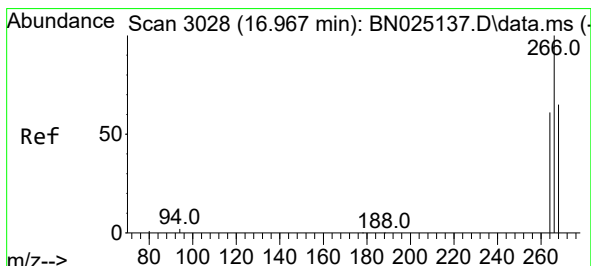
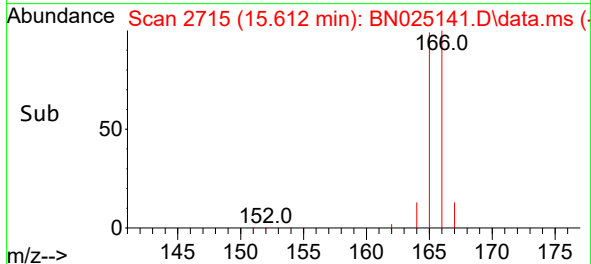
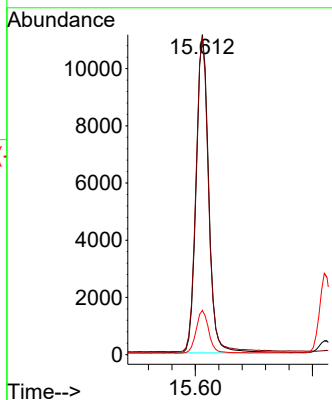
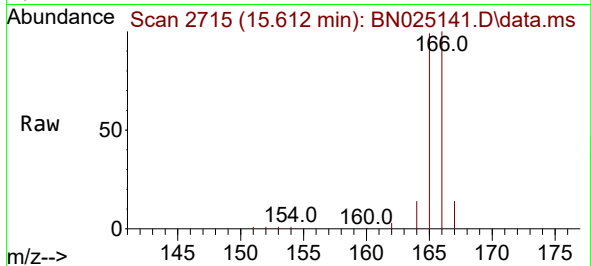




#12
Fluorene
Concen: 0.401 ng/ul
RT: 15.612 min Scan# 2715
Delta R.T. 0.001 min
Lab File: BN025141.D
Acq: 26 Apr 2023 12:08

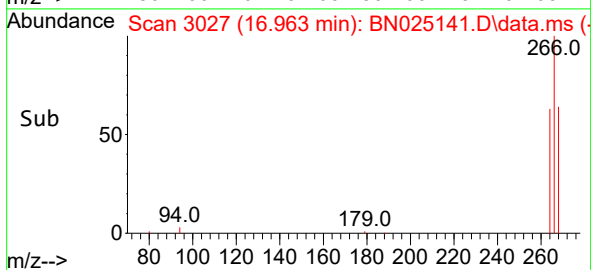
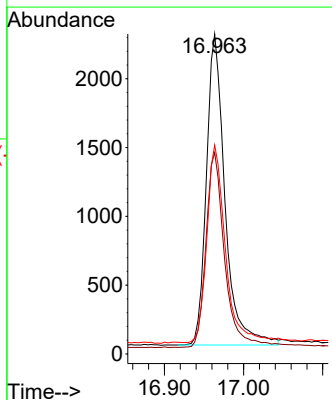
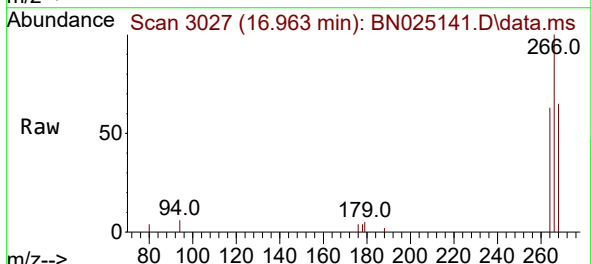
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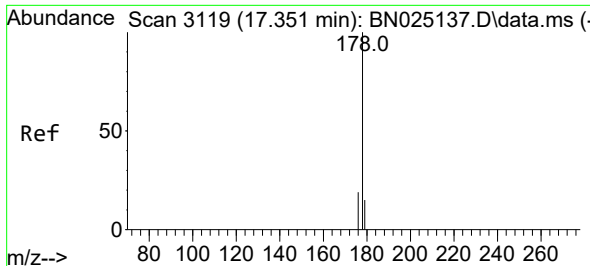
Tgt Ion:166 Resp: 16544
Ion Ratio Lower Upper
166 100
165 99.4 78.1 117.1
167 13.9 11.0 16.6



#14
Pentachlorophenol
Concen: 0.694 ng/ul
RT: 16.963 min Scan# 3027
Delta R.T. -0.003 min
Lab File: BN025141.D
Acq: 26 Apr 2023 12:08

Tgt Ion:266 Resp: 3682
Ion Ratio Lower Upper
266 100
264 63.0 49.6 74.4
268 63.6 51.3 76.9

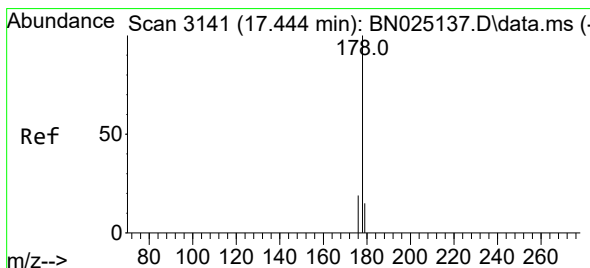
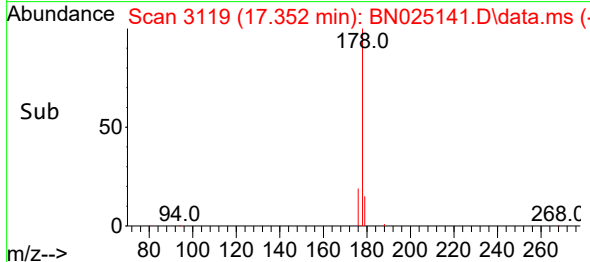
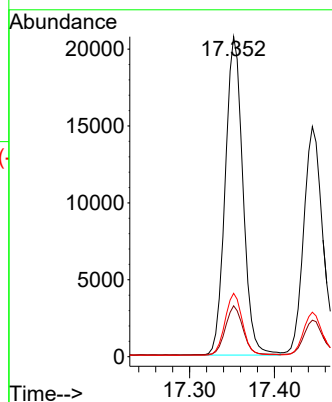
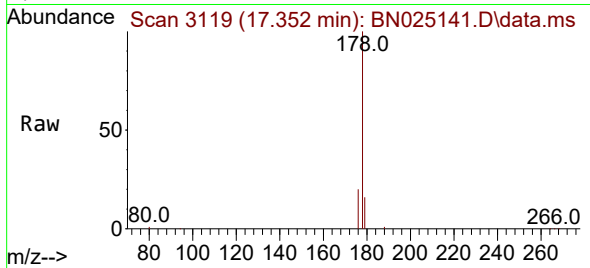




#15
Phenanthrene
Concen: 0.394 ng/ul
RT: 17.352 min Scan# 3119
Delta R.T. 0.001 min
Lab File: BN025141.D
Acq: 26 Apr 2023 12:08

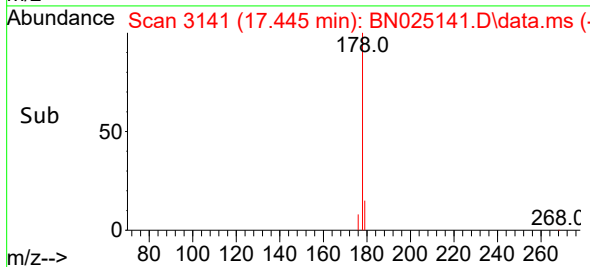
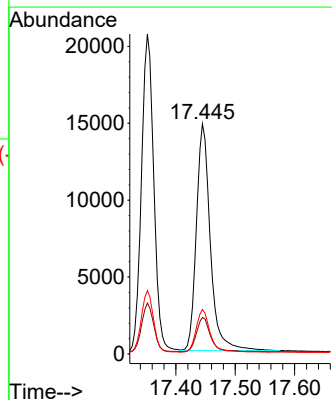
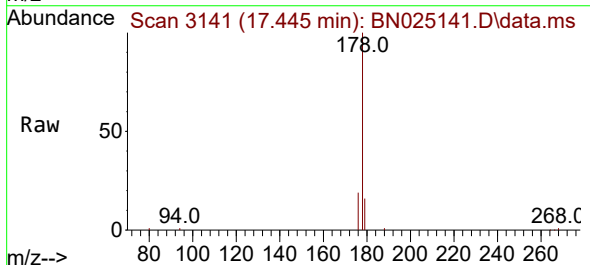
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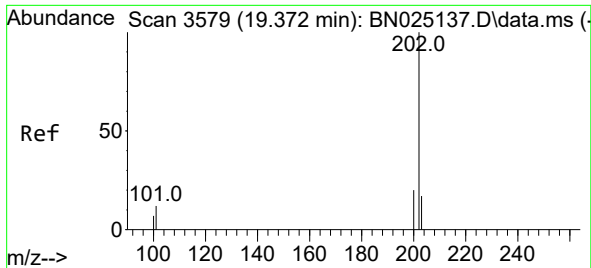
Tgt Ion:178 Resp: 30030
Ion Ratio Lower Upper
178 100
179 15.9 12.5 18.7
176 19.8 15.6 23.4



#16
Anthracene
Concen: 0.386 ng/ul
RT: 17.445 min Scan# 3141
Delta R.T. 0.001 min
Lab File: BN025141.D
Acq: 26 Apr 2023 12:08

Tgt Ion:178 Resp: 24056
Ion Ratio Lower Upper
178 100
179 15.8 12.7 19.1
176 19.3 15.3 22.9

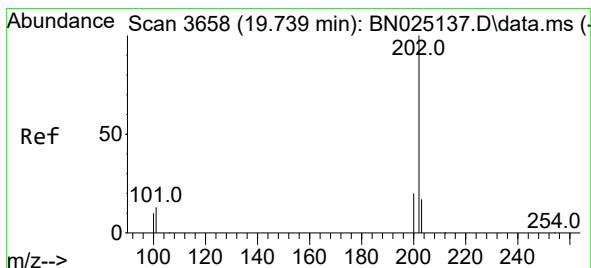
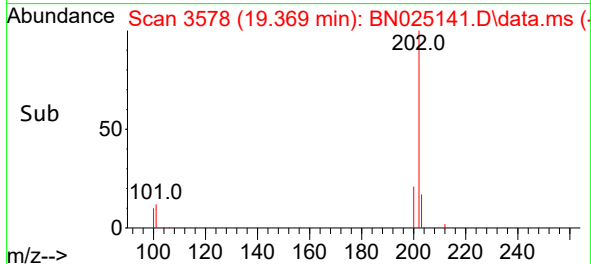
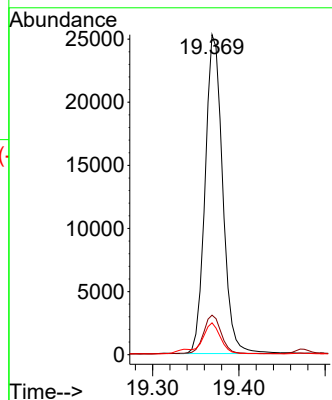
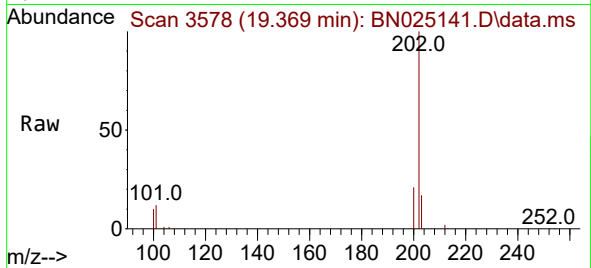




#19
Fluoranthene
Concen: 0.450 ng/ul
RT: 19.369 min Scan# 35697
Delta R.T. -0.003 min
Lab File: BN025141.D
Acq: 26 Apr 2023 12:08

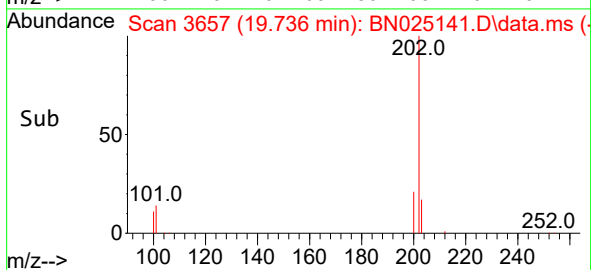
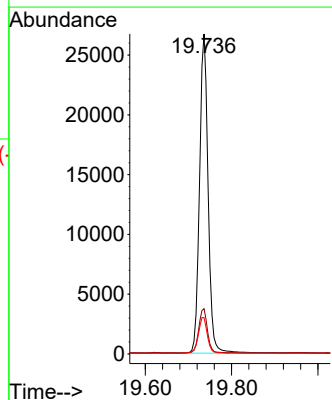
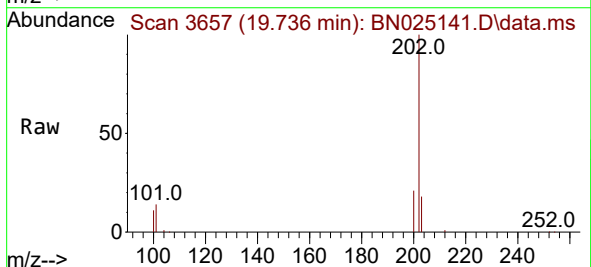
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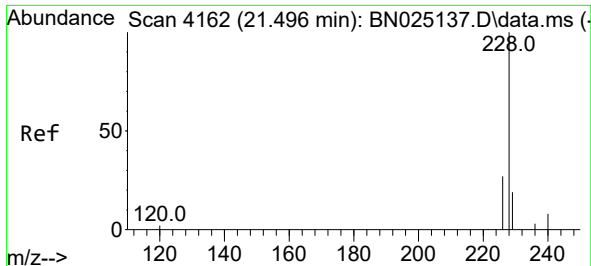
Tgt Ion:202 Resp: 35697
Ion Ratio Lower Upper
202 100
101 12.4 9.7 14.5
100 9.9 7.3 10.9



#20
Pyrene
Concen: 0.451 ng/ul
RT: 19.736 min Scan# 3657
Delta R.T. -0.003 min
Lab File: BN025141.D
Acq: 26 Apr 2023 12:08

Tgt Ion:202 Resp: 36788
Ion Ratio Lower Upper
202 100
101 14.1 11.3 16.9
100 11.4 9.2 13.8

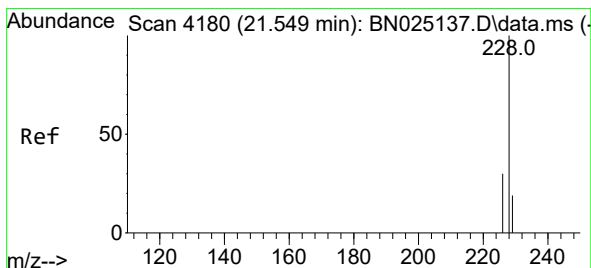
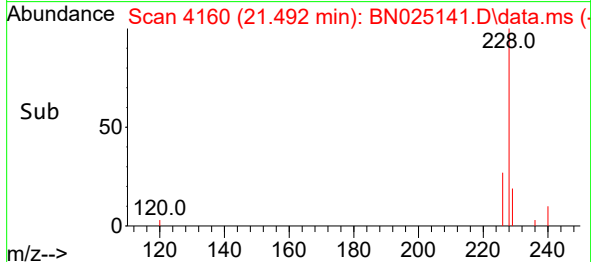
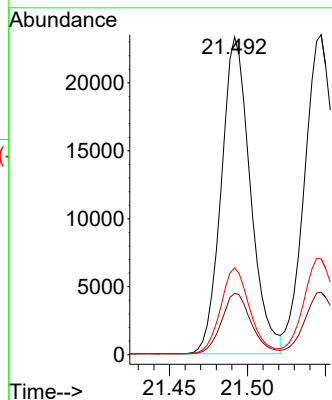
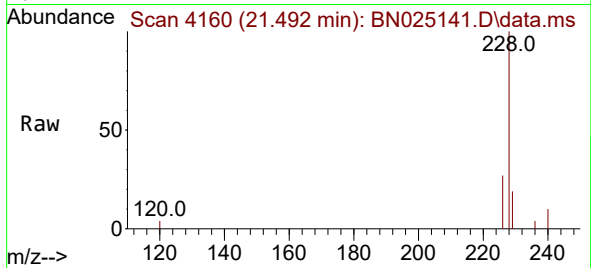




#21
Benzo(a)anthracene
Concen: 0.457 ng/ul
RT: 21.492 min Scan# 4162
Delta R.T. -0.004 min
Lab File: BN025141.D
Acq: 26 Apr 2023 12:08

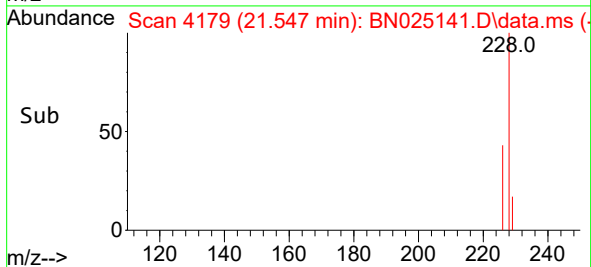
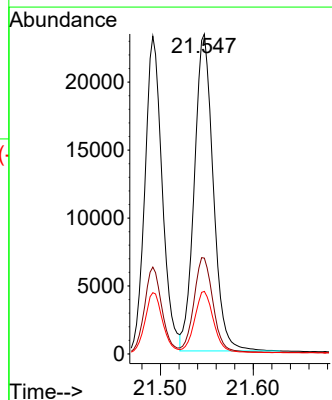
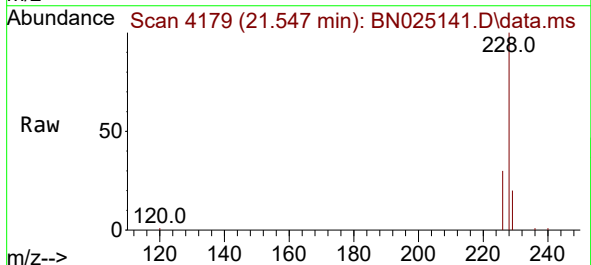
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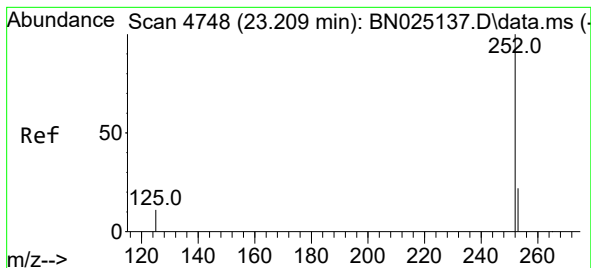
Tgt Ion:228 Resp: 30232
Ion Ratio Lower Upper
228 100
229 19.3 15.6 23.4
226 27.3 22.1 33.1



#22
Chrysene
Concen: 0.458 ng/ul
RT: 21.547 min Scan# 4179
Delta R.T. -0.001 min
Lab File: BN025141.D
Acq: 26 Apr 2023 12:08

Tgt Ion:228 Resp: 33044
Ion Ratio Lower Upper
228 100
226 30.0 24.5 36.7
229 19.6 15.8 23.6





#24

Benzo(b)fluoranthene

Concen: 0.434 ng/ul

RT: 23.204 min Scan# 4746

Delta R.T. -0.004 min

Lab File: BN025141.D

Acq: 26 Apr 2023 12:08

Instrument :

BNA_N

ClientSampleId :

DCBL6MS

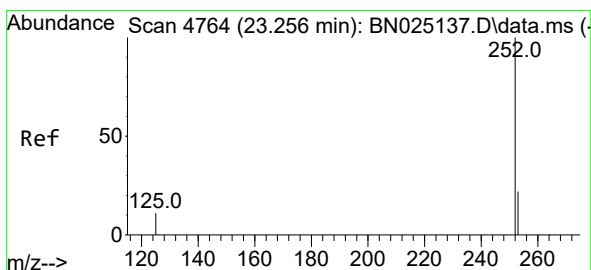
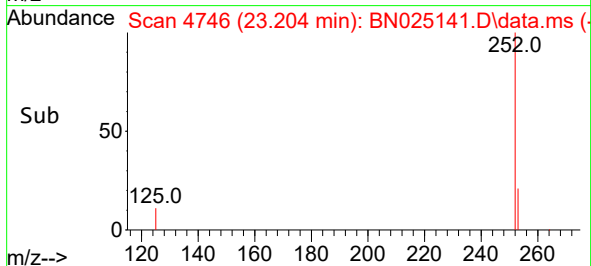
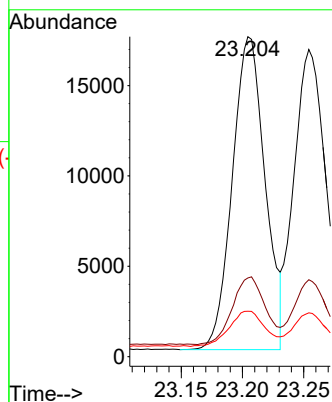
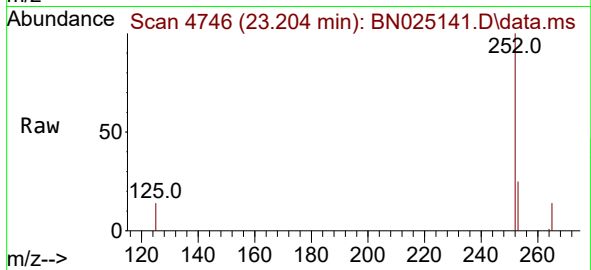
Tgt Ion:252 Resp: 32213

Ion Ratio Lower Upper

252 100

253 24.6 0.0 50.2

125 14.2 0.0 30.4



#25

Benzo(k)fluoranthene

Concen: 0.436 ng/ul

RT: 23.254 min Scan# 4763

Delta R.T. -0.001 min

Lab File: BN025141.D

Acq: 26 Apr 2023 12:08

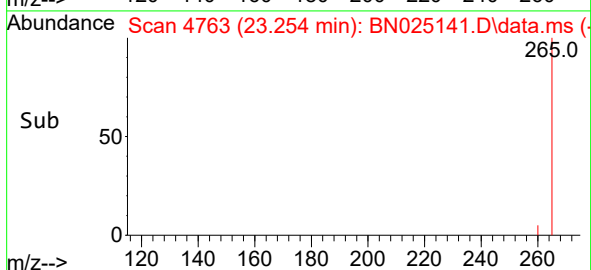
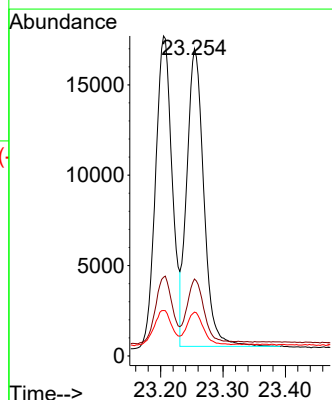
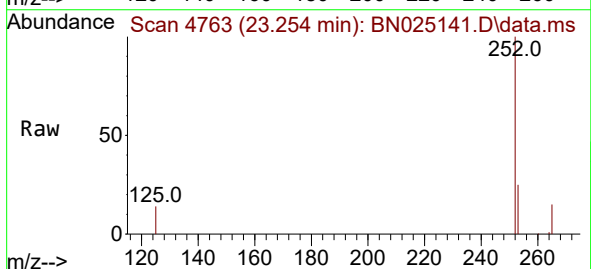
Tgt Ion:252 Resp: 31105

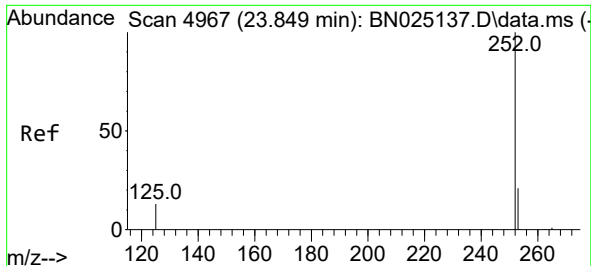
Ion Ratio Lower Upper

252 100

253 25.1 20.2 30.4

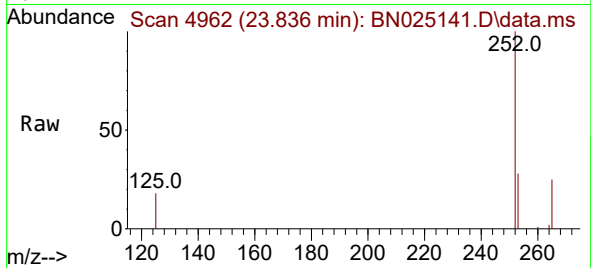
125 14.3 11.8 17.8



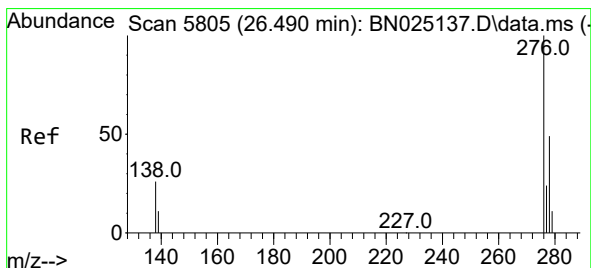
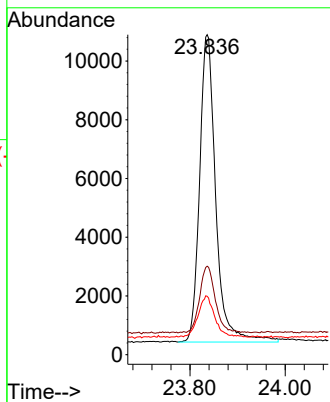
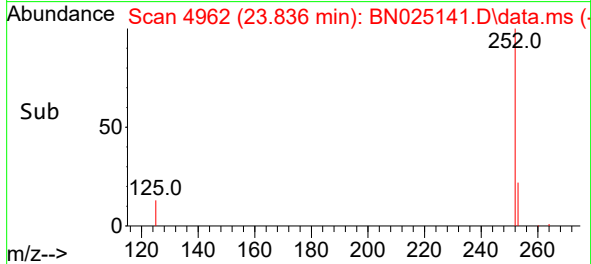


#26
Benzo(a)pyrene
Concen: 0.401 ng/ul
RT: 23.836 min Scan# 4962
Delta R.T. -0.013 min
Lab File: BN025141.D
Acq: 26 Apr 2023 12:08

Instrument :
BNA_N
ClientSampleId :
DCBL6MS

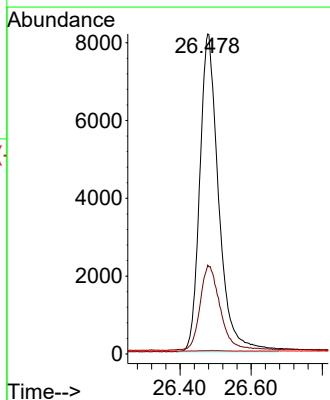
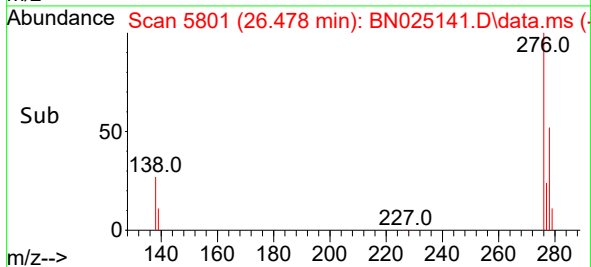
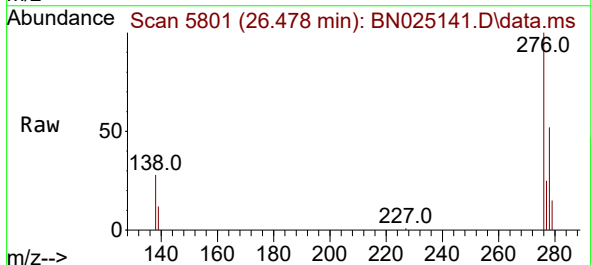


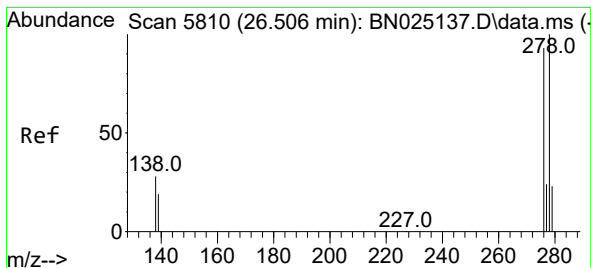
Tgt Ion:252 Resp: 24623
Ion Ratio Lower Upper
252 100
253 27.7 21.4 32.2
125 18.3 14.6 22.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.426 ng/ul
RT: 26.478 min Scan# 5801
Delta R.T. -0.012 min
Lab File: BN025141.D
Acq: 26 Apr 2023 12:08

Tgt Ion:276 Resp: 30111
Ion Ratio Lower Upper
276 100
138 28.9 21.9 32.9
227 0.2 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.435 ng/ul

RT: 26.501 min Scan# 5808

Delta R.T. -0.005 min

Lab File: BN025141.D

Acq: 26 Apr 2023 12:08

Instrument :

BNA_N

ClientSampleId :

DCBL6MS

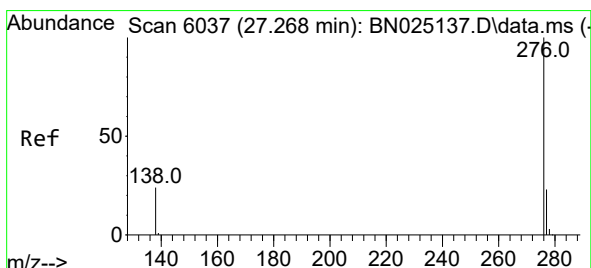
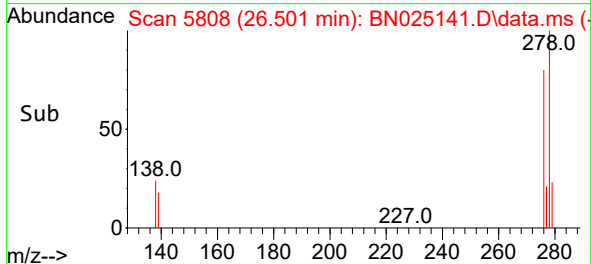
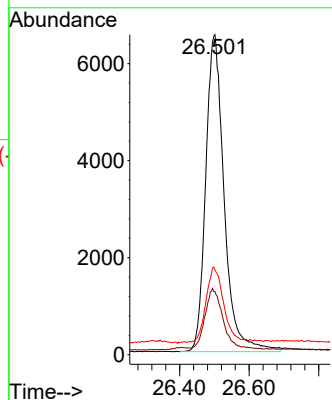
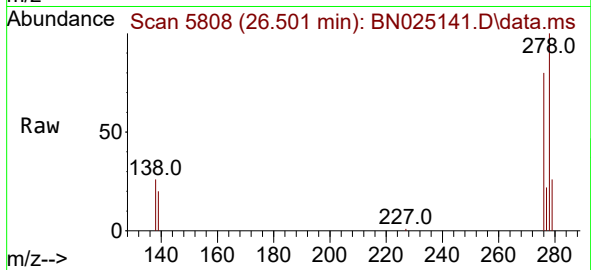
Tgt Ion:278 Resp: 24055

Ion Ratio Lower Upper

278 100

139 19.7 17.0 25.6

279 26.5 21.8 32.8



#29

Benzo(g,h,i)perylene

Concen: 0.430 ng/ul

RT: 27.259 min Scan# 6034

Delta R.T. -0.009 min

Lab File: BN025141.D

Acq: 26 Apr 2023 12:08

Tgt Ion:276 Resp: 25883

Ion Ratio Lower Upper

276 100

138 25.8 20.3 30.5

277 24.4 19.8 29.6

