

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051023\
 Data File : BN025373.D
 Acq On : 10 May 2023 10:22
 Operator : CG/JU
 Sample : 02479-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW947

Quant Time: May 11 01:10:21 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 May 10 12:11:16 2023
 Response via : Initial Calibration

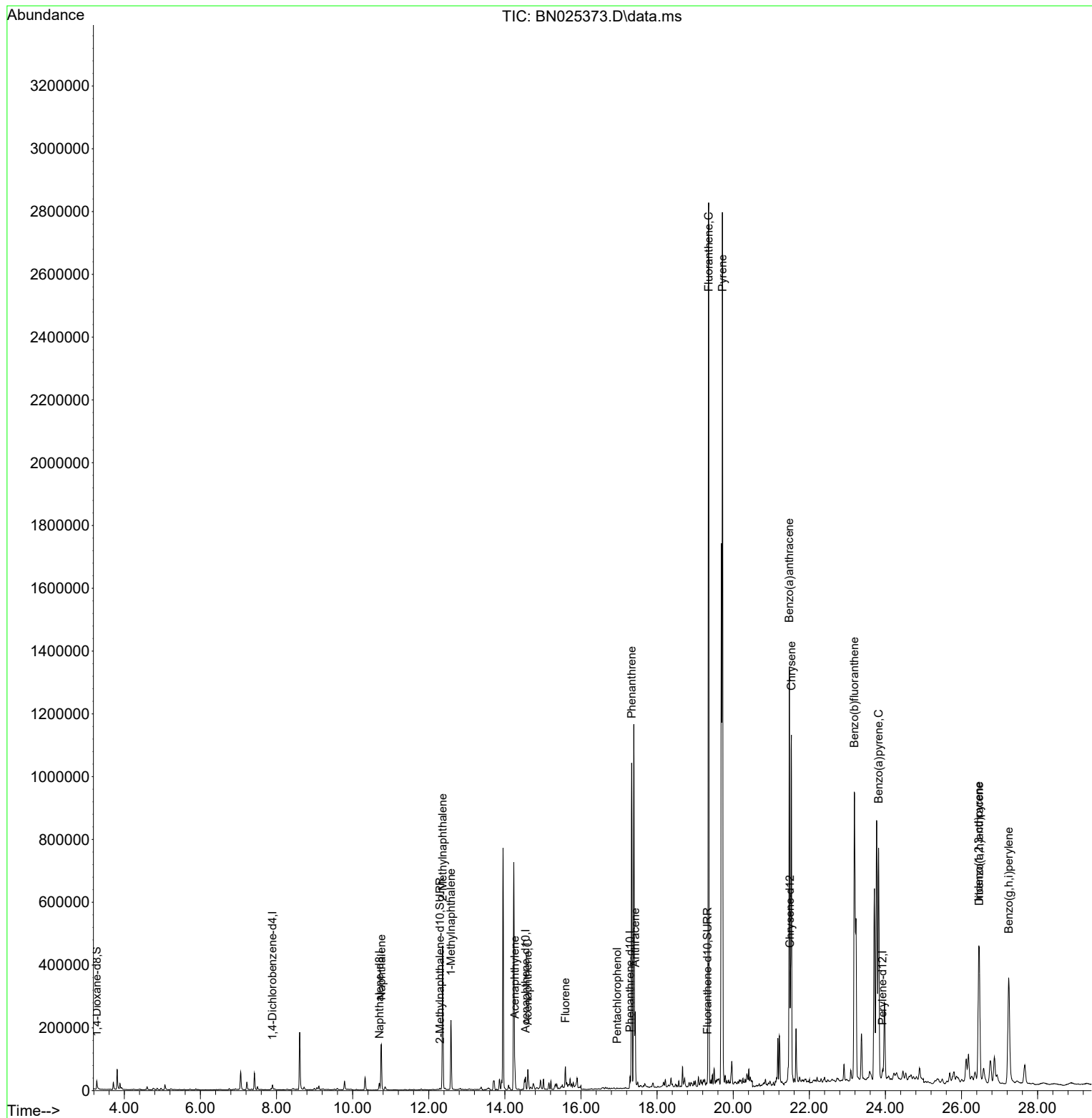
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.896	152	8582	0.400	ng/ul	0.00
4) Naphthalene-d8	10.704	136	27785	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.543	164	19539	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.288	188	42501	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.492	240	36534	0.400	ng/ul	# 0.00
23) Perylene-d12	23.924	264	37138	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	17836	2.007	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.293	152	6087	0.171	ng/ul	-0.01
18) Fluoranthene-d10	19.322	212	18300	0.190	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.754	128	201311	2.828	ng/ul	99
7) 2-Methylnaphthalene	12.365	142	317129	7.273	ng/ul	99
8) 1-Methylnaphthalene	12.585	142	147864	3.181	ng/ul	100
10) Acenaphthylene	14.261	152	77003	1.058	ng/ul#	93
11) Acenaphthene	14.603	153	40003	0.652	ng/ul	99
12) Fluorene	15.593	166	44201	0.644	ng/ul#	97
14) Pentachlorophenol	16.951	266	348	0.042	ng/ul	99
15) Phenanthrene	17.331	178	1113148	9.279	ng/ul	100
16) Anthracene	17.424	178	245204	2.499	ng/ul	100
19) Fluoranthene	19.355	202	2415513	18.284	ng/ul	100
20) Pyrene	19.717	202	2180933	16.067	ng/ul	99
21) Benzo(a)anthracene	21.474	228	1118733	10.162	ng/ul	98
22) Chrysene	21.527	228	1142551	9.514	ng/ul	98
24) Benzo(b)fluoranthene	23.184	252	2123911	14.096	ng/ul	96
26) Benzo(a)pyrene	23.818	252	1090317	8.746	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.454	276	745096	5.187	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.468	278	194170	1.731	ng/ul#	91
29) Benzo(g,h,i)perylene	27.239	276	750705	6.147	ng/ul	100

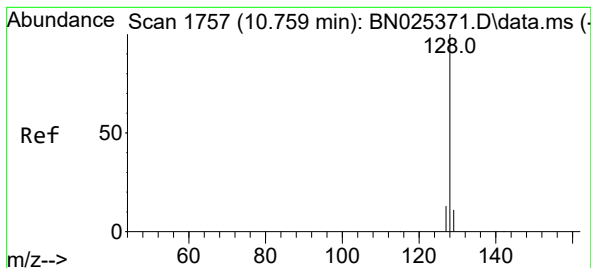
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 2.828 ng/ul

RT: 10.754 min Scan# 1

Delta R.T. -0.005 min

Lab File: BN025373.D

Acq: 10 May 2023 10:22

Instrument :

BNA_N

ClientSampleId :

EW947

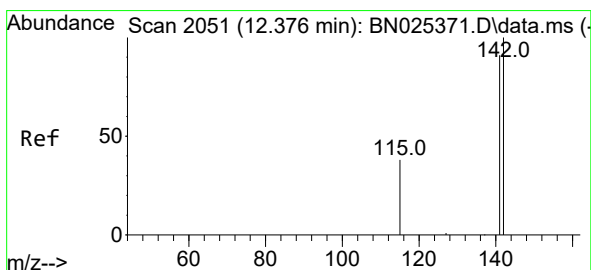
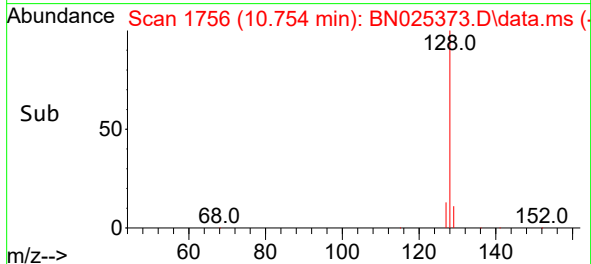
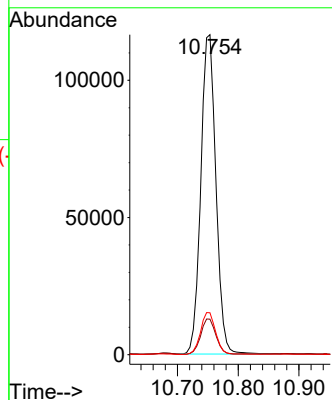
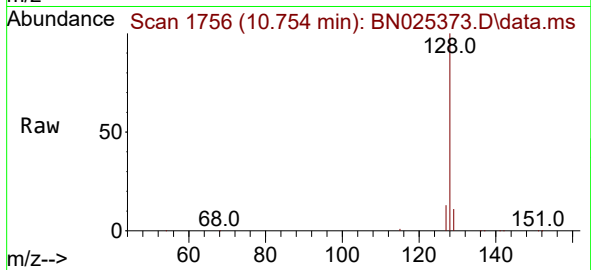
Tgt Ion:128 Resp: 201311

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

127 13.1 10.7 16.1



#7

2-Methylnaphthalene

Concen: 7.273 ng/ul

RT: 12.365 min Scan# 2049

Delta R.T. -0.011 min

Lab File: BN025373.D

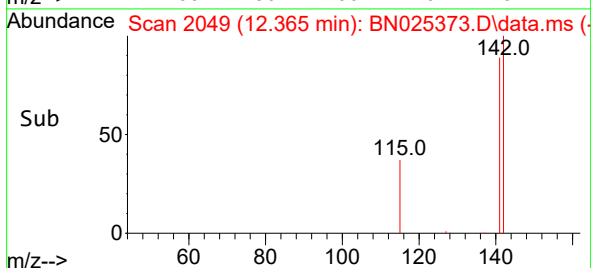
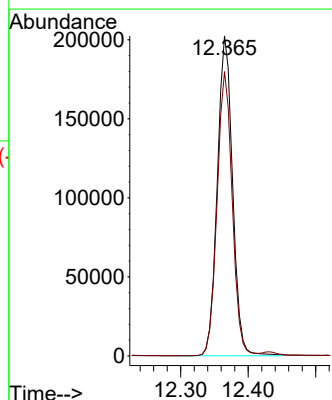
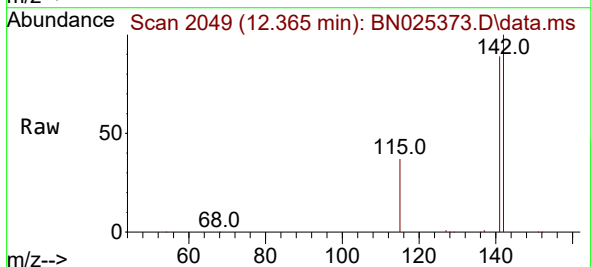
Acq: 10 May 2023 10:22

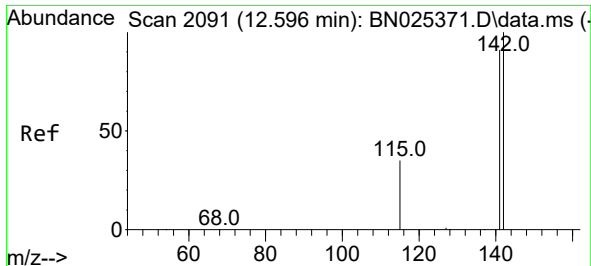
Tgt Ion:142 Resp: 317129

Ion Ratio Lower Upper

142 100

141 88.0 71.4 107.0

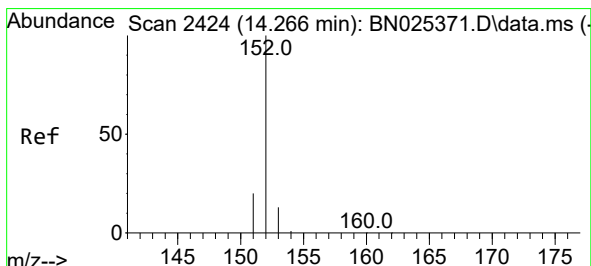
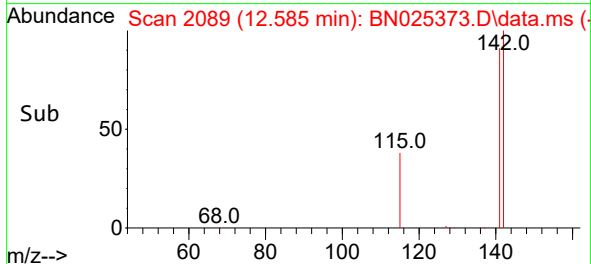
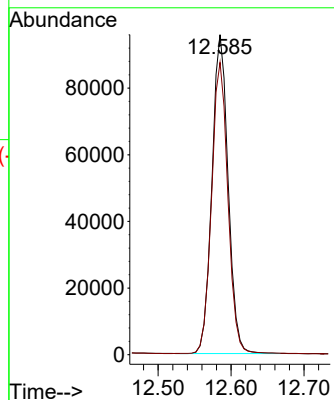
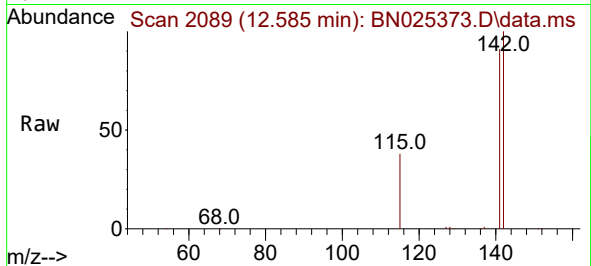




#8
1-Methylnaphthalene
Concen: 3.181 ng/ul
RT: 12.585 min Scan# 2091
Delta R.T. -0.011 min
Lab File: BN025373.D
Acq: 10 May 2023 10:22

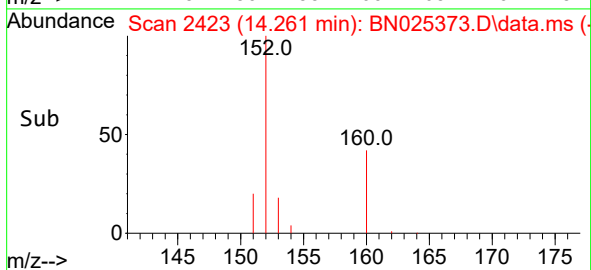
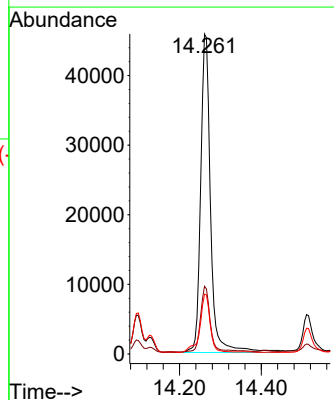
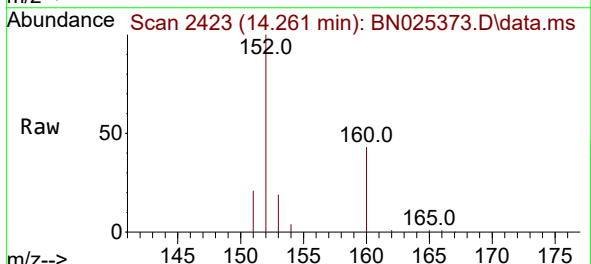
Instrument :
BNA_N
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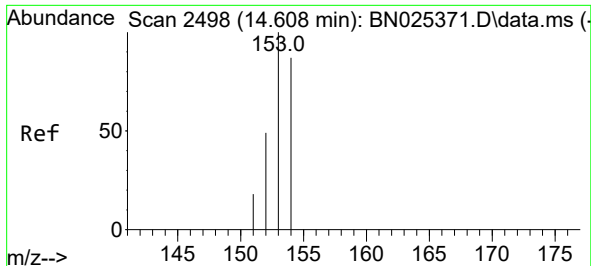
Tgt Ion:142 Resp: 147864
Ion Ratio Lower Upper
142 100
141 91.9 73.8 110.6



#10
Acenaphthylene
Concen: 1.058 ng/ul
RT: 14.261 min Scan# 2423
Delta R.T. -0.005 min
Lab File: BN025373.D
Acq: 10 May 2023 10:22

Tgt Ion:152 Resp: 77003
Ion Ratio Lower Upper
152 100
151 21.1 16.0 24.0
153 18.7 10.8 16.2#

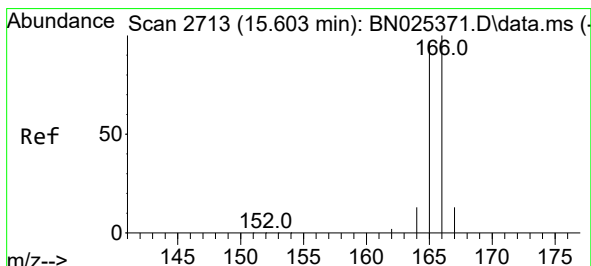
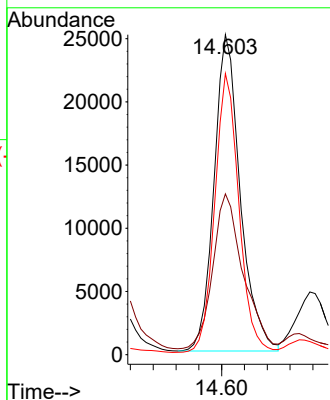
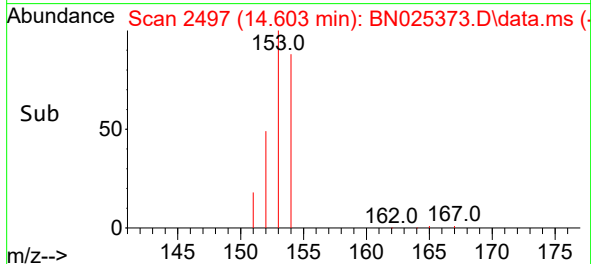
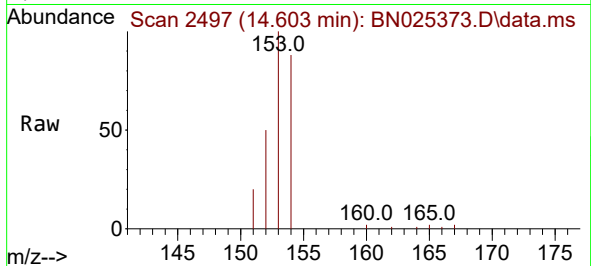




#11
Acenaphthene
Concen: 0.652 ng/ul
RT: 14.603 min Scan# 2498
Delta R.T. -0.005 min
Lab File: BN025373.D
Acq: 10 May 2023 10:22

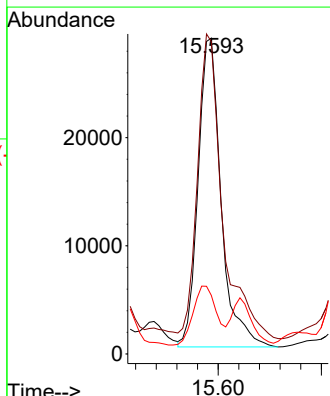
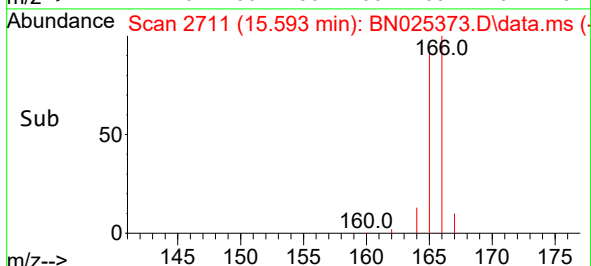
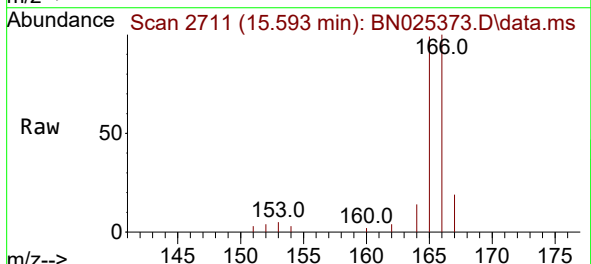
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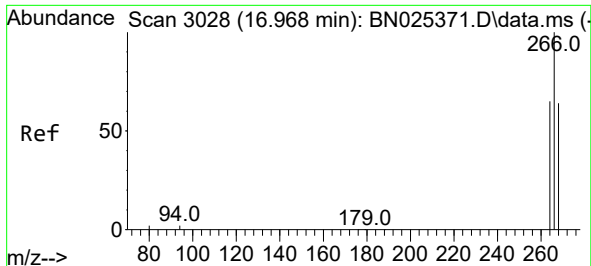
Tgt Ion:153 Resp: 40003
Ion Ratio Lower Upper
153 100
152 50.3 40.2 60.4
154 87.9 69.4 104.2



#12
Fluorene
Concen: 0.644 ng/ul
RT: 15.593 min Scan# 2711
Delta R.T. -0.009 min
Lab File: BN025373.D
Acq: 10 May 2023 10:22

Tgt Ion:166 Resp: 44201
Ion Ratio Lower Upper
166 100
165 98.9 78.1 117.1
167 18.5 11.0 16.6#

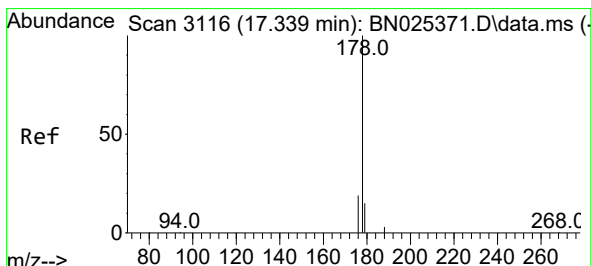
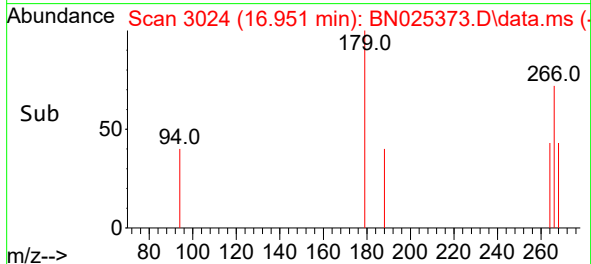
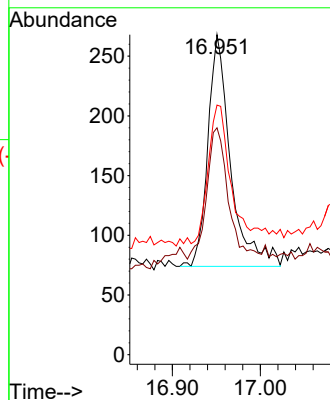
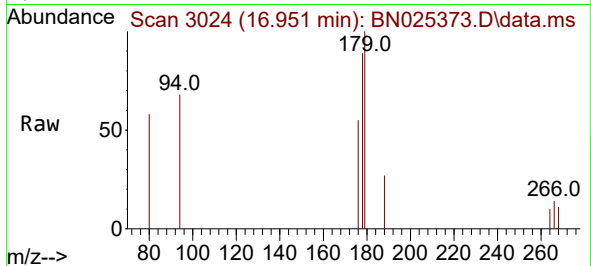




#14
 Pentachlorophenol
 Concen: 0.042 ng/ul
 RT: 16.951 min Scan# 3024
 Delta R.T. -0.017 min
 Lab File: BN025373.D
 Acq: 10 May 2023 10:22

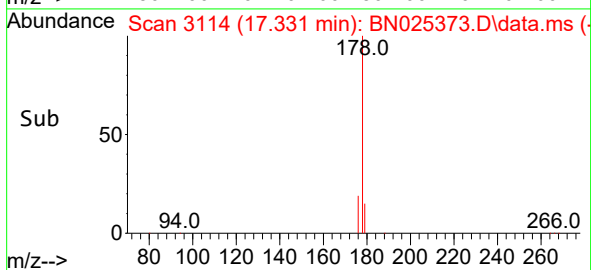
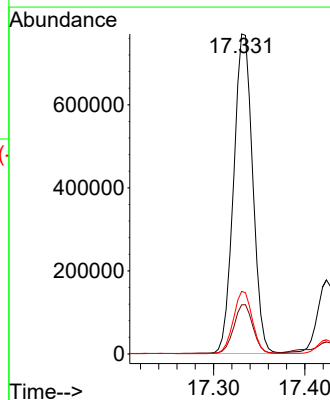
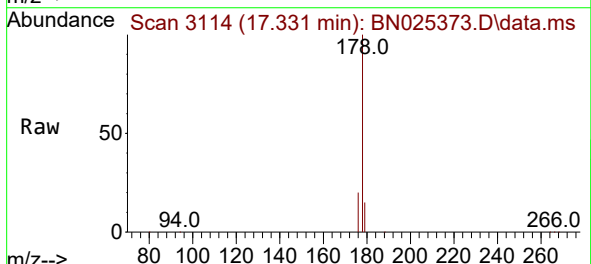
Instrument :
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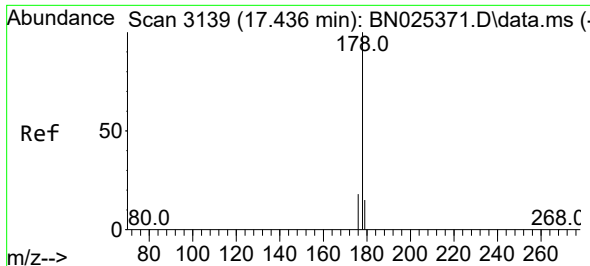
Tgt Ion:266 Resp: 348
 Ion Ratio Lower Upper
 266 100
 264 62.6 49.6 74.4
 268 63.8 51.3 76.9



#15
 Phenanthrene
 Concen: 9.279 ng/ul
 RT: 17.331 min Scan# 3114
 Delta R.T. -0.008 min
 Lab File: BN025373.D
 Acq: 10 May 2023 10:22

Tgt Ion:178 Resp: 1113148
 Ion Ratio Lower Upper
 178 100
 179 15.3 12.5 18.7
 176 19.5 15.6 23.4

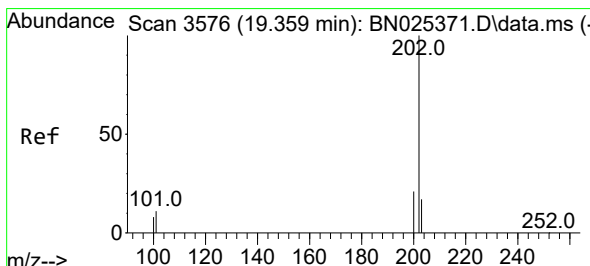
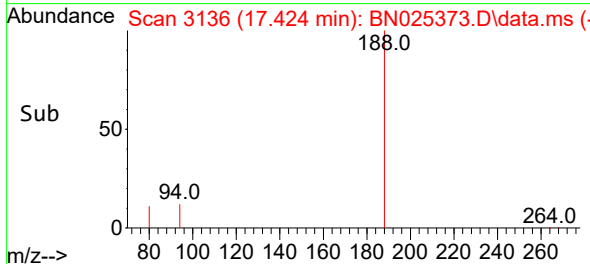
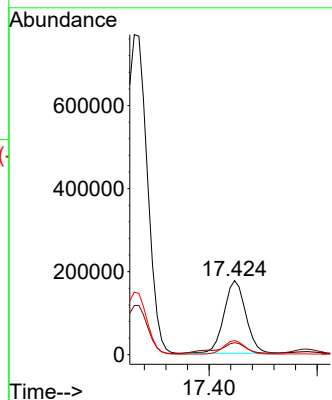
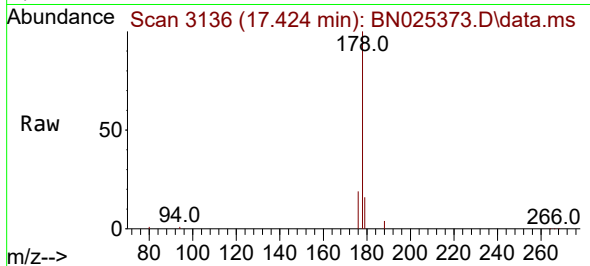




#16
 Anthracene
 Concen: 2.499 ng/ul
 RT: 17.424 min Scan# 3139
 Delta R.T. -0.013 min
 Lab File: BN025373.D
 Acq: 10 May 2023 10:22

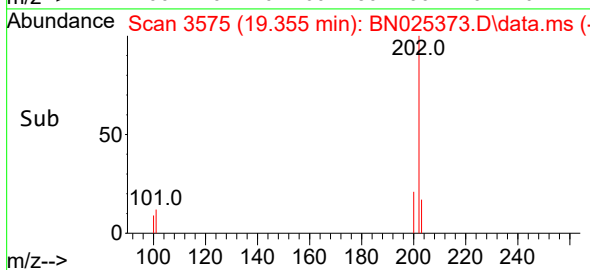
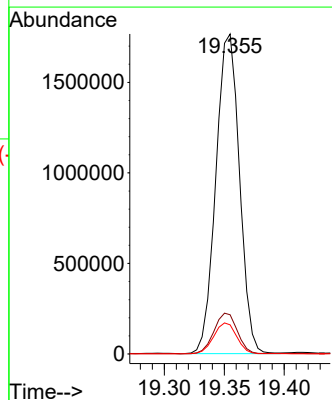
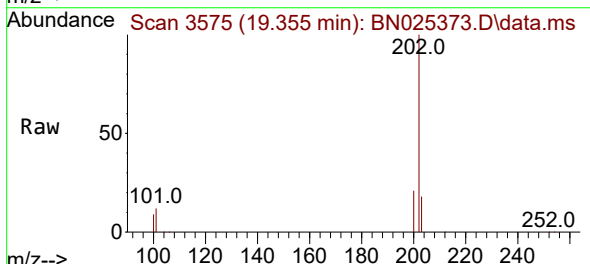
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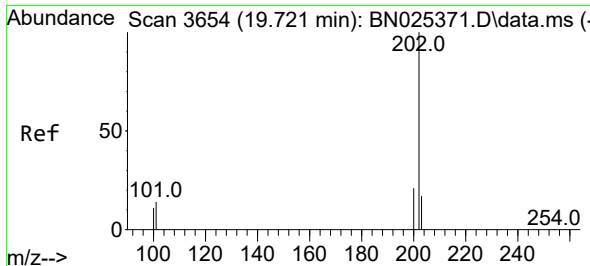
Tgt Ion:178 Resp: 245204
 Ion Ratio Lower Upper
 178 100
 179 16.1 12.7 19.1
 176 19.0 15.3 22.9



#19
 Fluoranthene
 Concen: 18.284 ng/ul
 RT: 19.355 min Scan# 3575
 Delta R.T. -0.004 min
 Lab File: BN025373.D
 Acq: 10 May 2023 10:22

Tgt Ion:202 Resp: 2415513
 Ion Ratio Lower Upper
 202 100
 101 12.2 9.7 14.5
 100 9.1 7.3 10.9

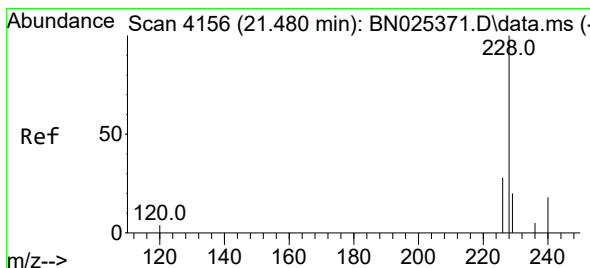
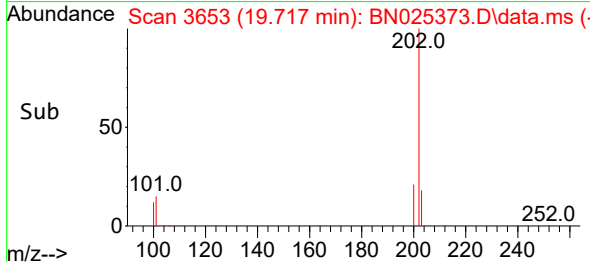
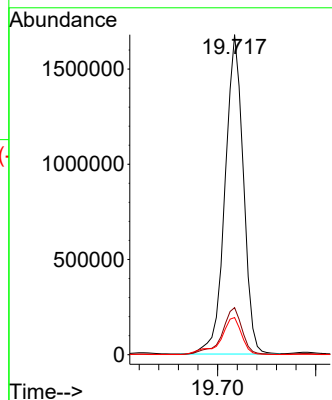
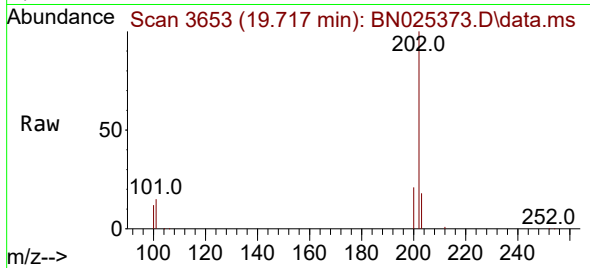




#20
Pyrene
Concen: 16.067 ng/ul
RT: 19.717 min Scan# 3653
Delta R.T. -0.004 min
Lab File: BN025373.D
Acq: 10 May 2023 10:22

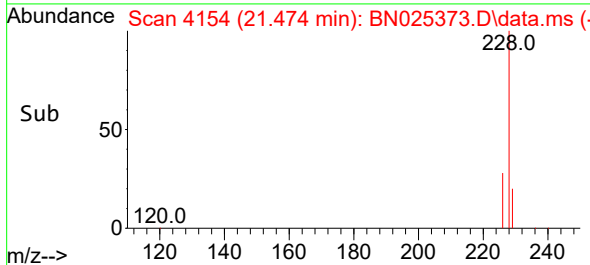
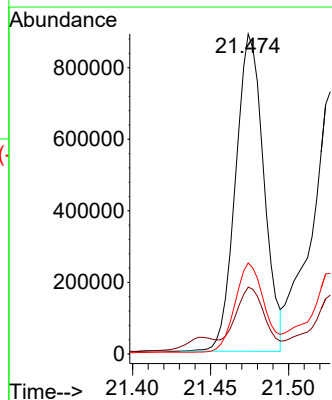
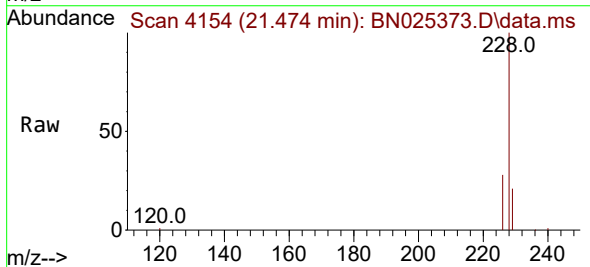
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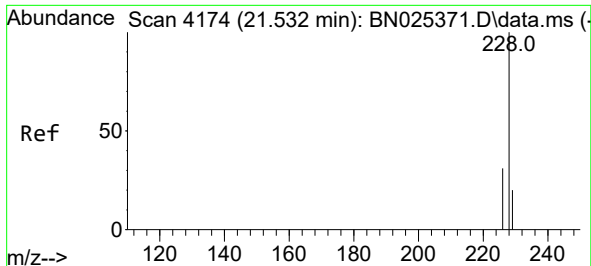
Tgt Ion:202 Resp: 2180933
Ion Ratio Lower Upper
202 100
101 14.7 11.3 16.9
100 11.6 9.2 13.8



#21
Benzo(a)anthracene
Concen: 10.162 ng/ul
RT: 21.474 min Scan# 4154
Delta R.T. -0.005 min
Lab File: BN025373.D
Acq: 10 May 2023 10:22

Tgt Ion:228 Resp: 1118733
Ion Ratio Lower Upper
228 100
229 20.9 15.6 23.4
226 28.5 22.1 33.1





#22

Chrysene

Concen: 9.514 ng/ul

RT: 21.527 min Scan# 4174

Delta R.T. -0.005 min

Lab File: BN025373.D

Acq: 10 May 2023 10:22

Instrument :

BNA_N

ClientSampleId :

EW947

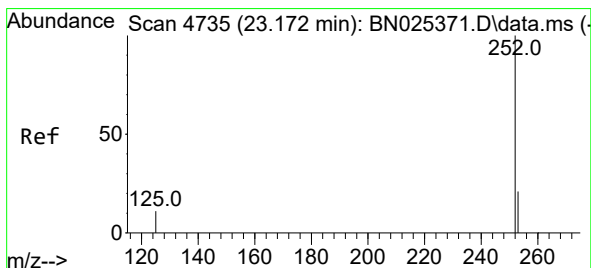
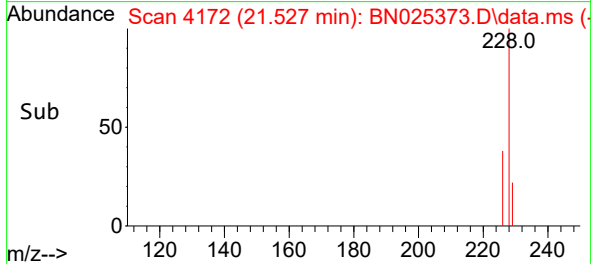
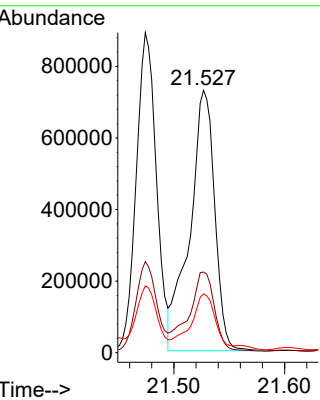
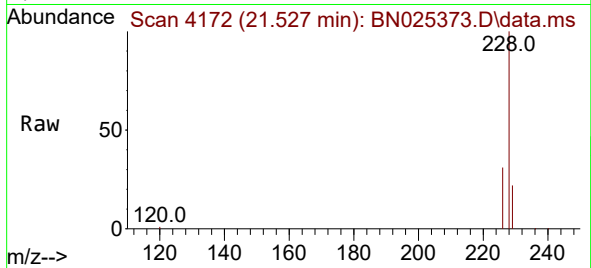
Tgt Ion:228 Resp: 1142551

Ion Ratio Lower Upper

228 100

226 30.7 24.5 36.7

229 22.4 15.8 23.6



#24

Benzo(b)fluoranthene

Concen: 14.096 ng/ul

RT: 23.184 min Scan# 4739

Delta R.T. 0.012 min

Lab File: BN025373.D

Acq: 10 May 2023 10:22

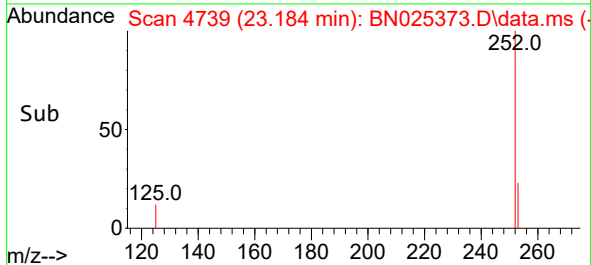
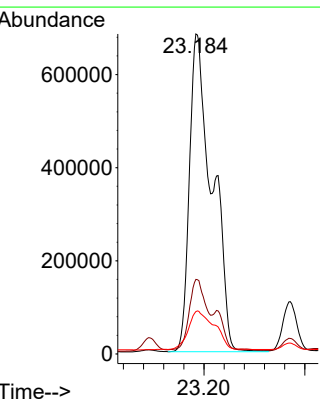
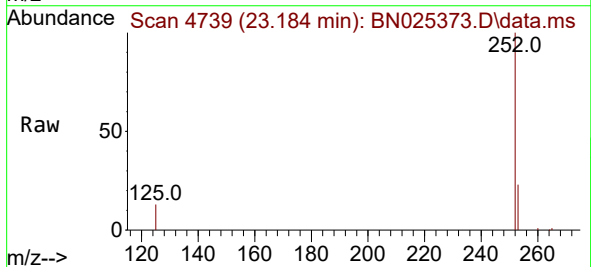
Tgt Ion:252 Resp: 2123911

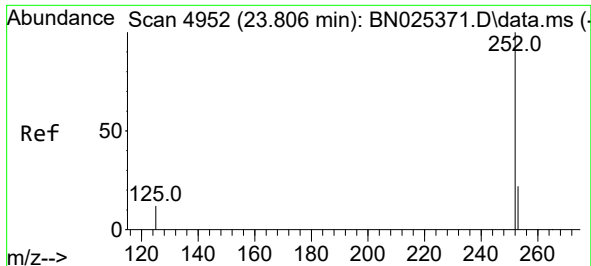
Ion Ratio Lower Upper

252 100

253 23.3 0.0 50.2

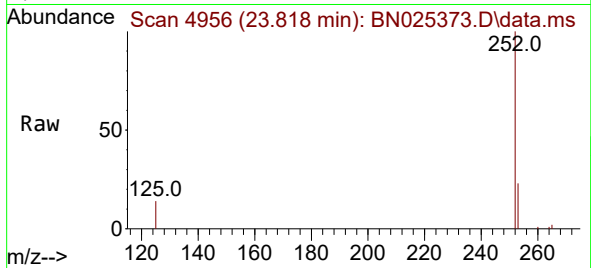
125 13.2 0.0 30.4



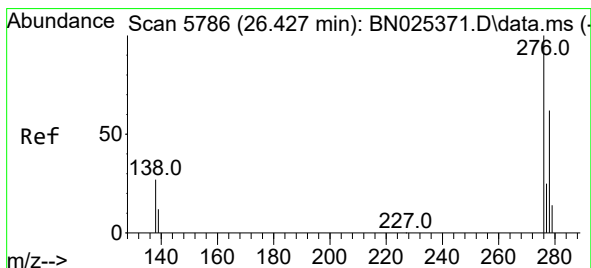
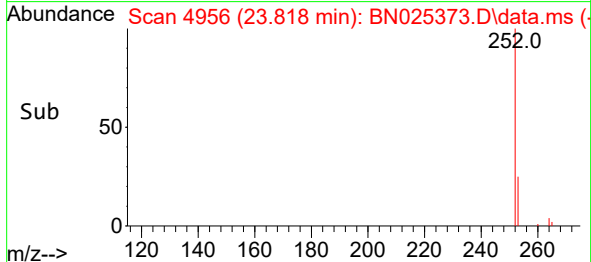
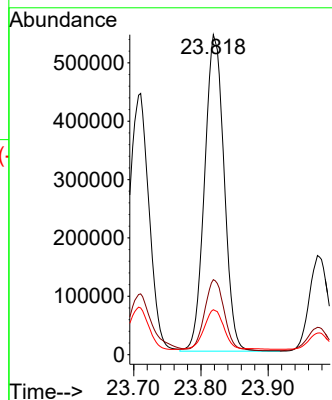


#26
Benzo(a)pyrene
Concen: 8.746 ng/ul
RT: 23.818 min Scan# 4956
Delta R.T. 0.012 min
Lab File: BN025373.D
Acq: 10 May 2023 10:22

Instrument :
BNA_N
ClientSampleId :
EW947

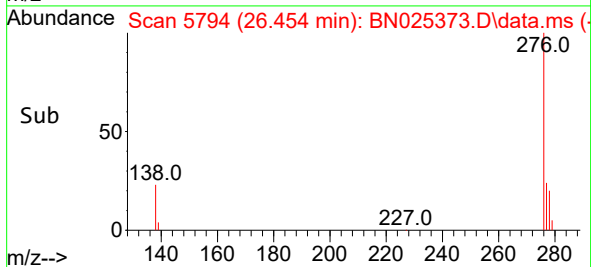
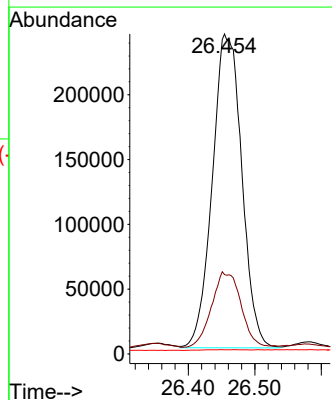
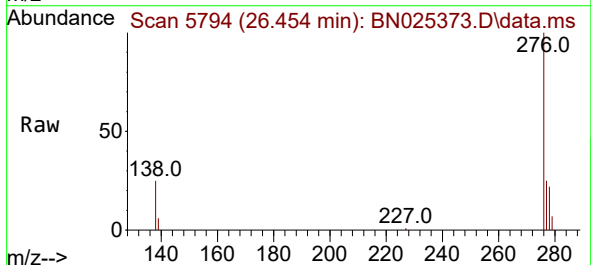


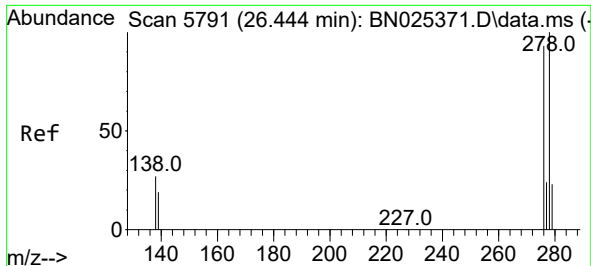
Tgt Ion:252 Resp: 1090317
Ion Ratio Lower Upper
252 100
253 23.5 21.4 32.2
125 14.0 14.6 22.0#



#27
Indeno(1,2,3-cd)pyrene
Concen: 5.187 ng/ul
RT: 26.454 min Scan# 5794
Delta R.T. 0.027 min
Lab File: BN025373.D
Acq: 10 May 2023 10:22

Tgt Ion:276 Resp: 745096
Ion Ratio Lower Upper
276 100
138 24.0 21.9 32.9
227 0.3 0.1 0.1#

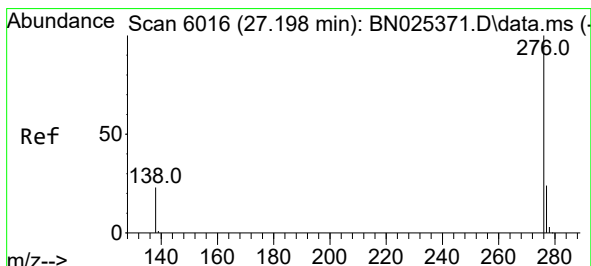
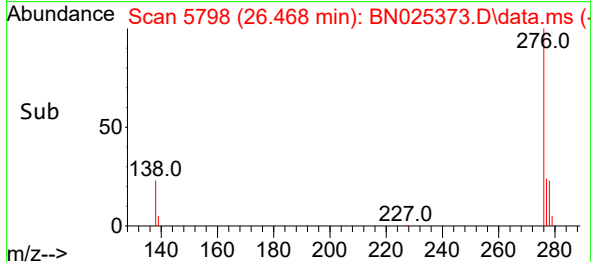
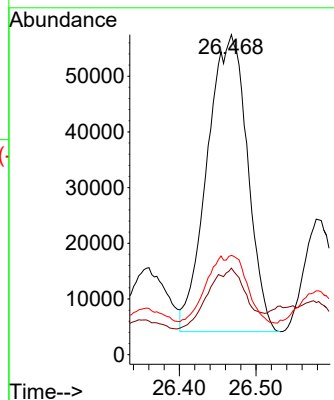
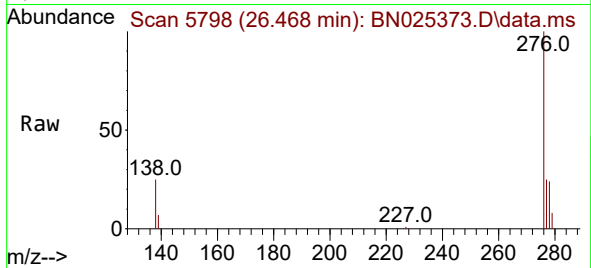




#28
Dibenzo(a,h)anthracene
Concen: 1.731 ng/ul
RT: 26.468 min Scan# 51
Delta R.T. 0.024 min
Lab File: BN025373.D
Acq: 10 May 2023 10:22

Instrument :
BNA_N
ClientSampleId :
EW947

Tgt Ion:278 Resp: 194170
Ion Ratio Lower Upper
278 100
139 27.1 17.0 25.6#
279 31.1 21.8 32.8



#29
Benzo(g,h,i)perylene
Concen: 6.147 ng/ul
RT: 27.239 min Scan# 6028
Delta R.T. 0.041 min
Lab File: BN025373.D
Acq: 10 May 2023 10:22

Tgt Ion:276 Resp: 750705
Ion Ratio Lower Upper
276 100
138 25.6 20.3 30.5
277 24.8 19.8 29.6

