

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050223\
 Data File : BN025217.D
 Acq On : 02 May 2023 13:12
 Operator : CG/JU
 Sample : 02419-27
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW924

Quant Time: May 03 02:28:54 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 : Tue May 02 16:21:17 2023
 Response via : Initial Calibration

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

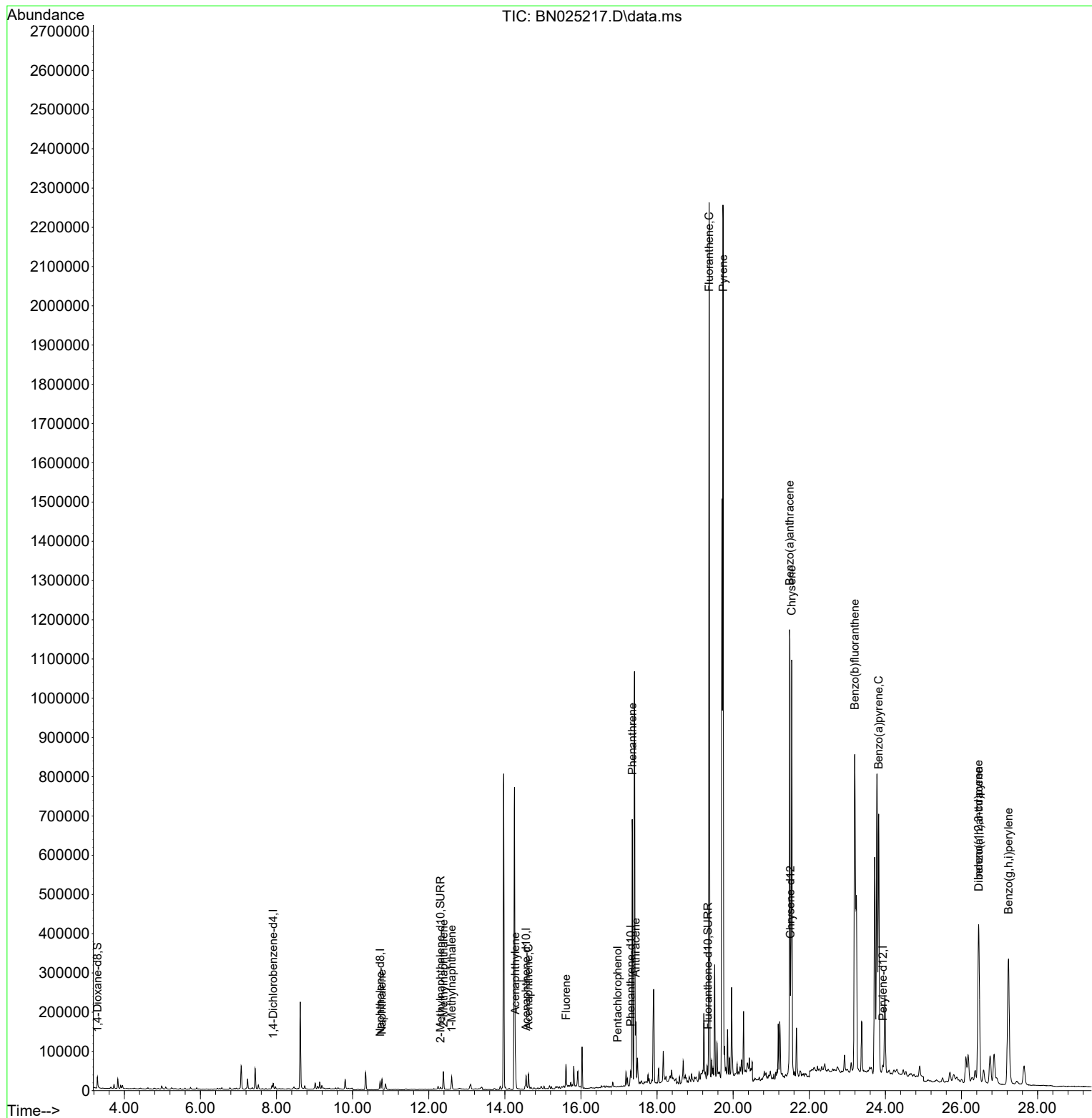
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.913	152	7887	0.400	ng/ul	0.00
4) Naphthalene-d8	10.721	136	26917	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.557	164	18883	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.306	188	51628	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.503	240	32628	0.400	ng/ul	# 0.00
23) Perylene-d12	23.933	264	29576	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	17094	2.093	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.310	152	6735	0.195	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	15759	0.183	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.770	128	37706	0.547	ng/ul	99
7) 2-Methylnaphthalene	12.387	142	32265	0.764	ng/ul	99
8) 1-Methylnaphthalene	12.601	142	21667	0.481	ng/ul	100
10) Acenaphthylene	14.280	152	79434	1.129	ng/ul	98
11) Acenaphthene	14.622	153	23220	0.392	ng/ul	99
12) Fluorene	15.607	166	37895	0.572	ng/ul#	95
14) Pentachlorophenol	16.964	266	207	0.020	ng/ul#	84
15) Phenanthrene	17.348	178	695249	4.771	ng/ul	100
16) Anthracene	17.441	178	163249	1.369	ng/ul	99
19) Fluoranthene	19.369	202	1863534	15.794	ng/ul	99
20) Pyrene	19.736	202	1821092	15.022	ng/ul	98
21) Benzo(a)anthracene	21.486	228	975473	9.921	ng/ul	97
22) Chrysene	21.539	228	1062373	9.905	ng/ul	98
24) Benzo(b)fluoranthene	23.196	252	1939280	16.162	ng/ul	97
26) Benzo(a)pyrene	23.824	252	922222	9.289	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.451	276	690228	6.034	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.458	278	167164	1.871	ng/ul#	92
29) Benzo(g,h,i)perylene	27.236	276	711100	7.311	ng/ul	99

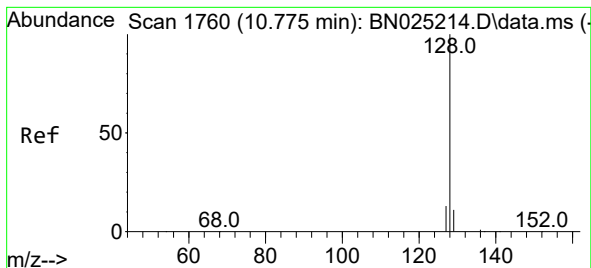
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.547 ng/ul

RT: 10.770 min Scan# 1759

Delta R.T. -0.005 min

Lab File: BN025217.D

Acq: 02 May 2023 13:12

Instrument :

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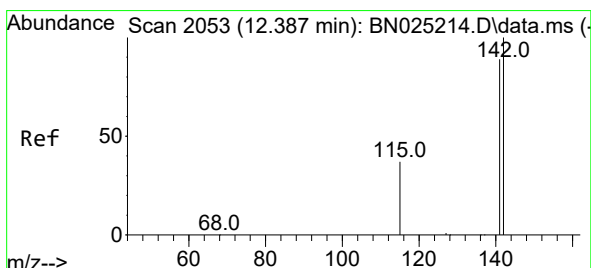
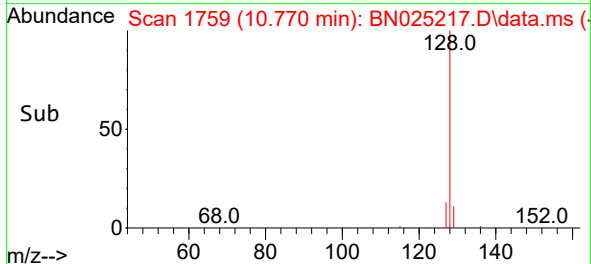
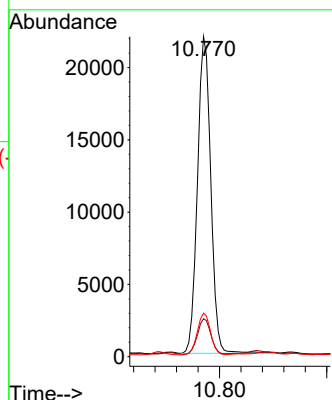
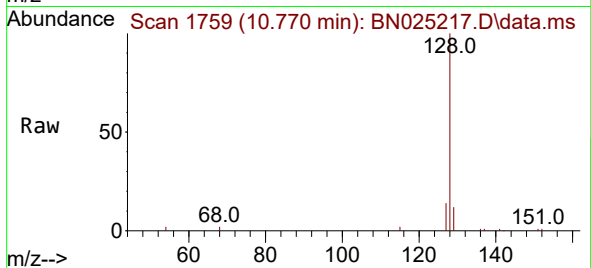
Tgt Ion:128 Resp: 37706

Ion Ratio Lower Upper

128 100

129 11.8 9.0 13.6

127 13.6 10.7 16.1



#7

2-Methylnaphthalene

Concen: 0.764 ng/ul

RT: 12.387 min Scan# 2053

Delta R.T. 0.000 min

Lab File: BN025217.D

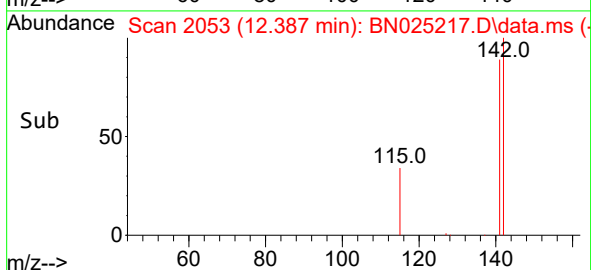
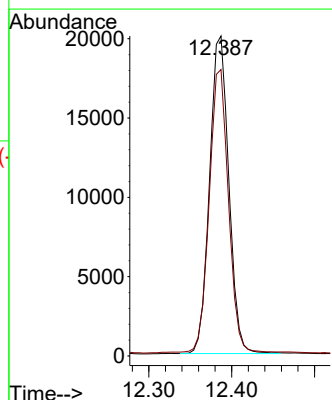
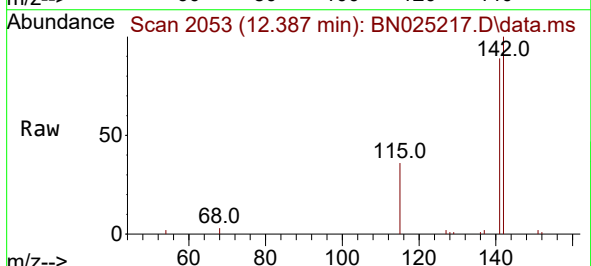
Acq: 02 May 2023 13:12

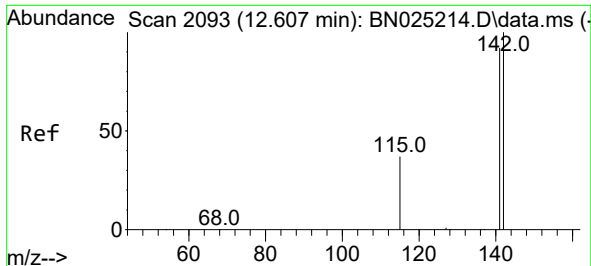
Tgt Ion:142 Resp: 32265

Ion Ratio Lower Upper

142 100

141 89.7 71.4 107.0

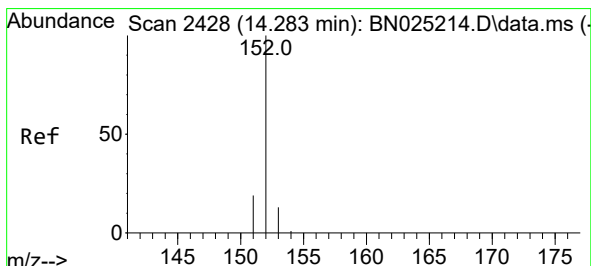
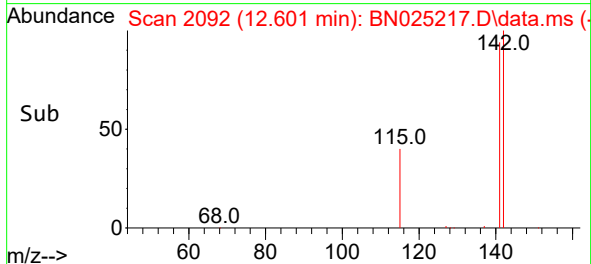
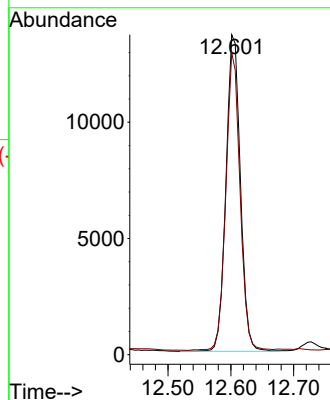
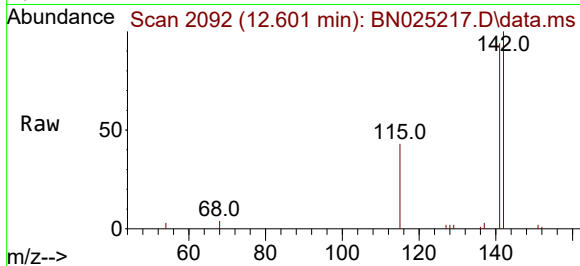




#8
1-Methylnaphthalene
Concen: 0.481 ng/ul
RT: 12.601 min Scan# 2092
Delta R.T. -0.005 min
Lab File: BN025217.D
Acq: 02 May 2023 13:12

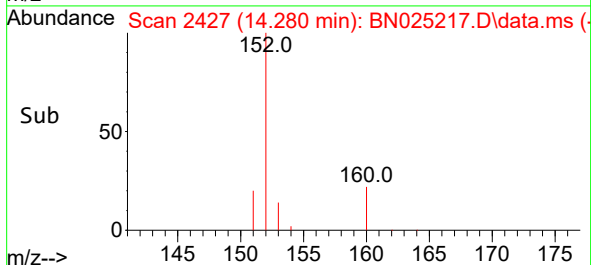
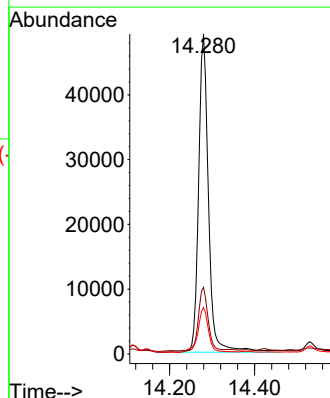
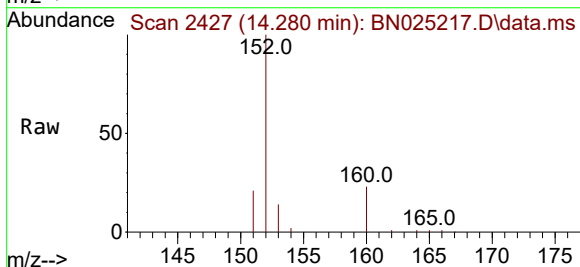
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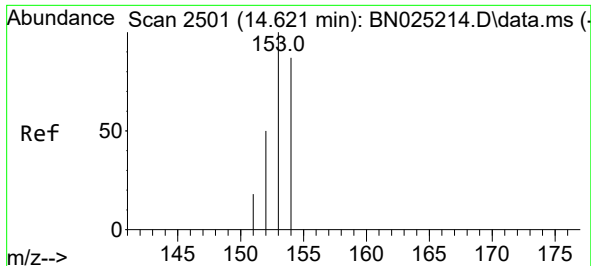
Tgt Ion:142 Resp: 21667
Ion Ratio Lower Upper
142 100
141 92.6 73.8 110.6



#10
Acenaphthylene
Concen: 1.129 ng/ul
RT: 14.280 min Scan# 2427
Delta R.T. -0.004 min
Lab File: BN025217.D
Acq: 02 May 2023 13:12

Tgt Ion:152 Resp: 79434
Ion Ratio Lower Upper
152 100
151 20.8 16.0 24.0
153 14.5 10.8 16.2

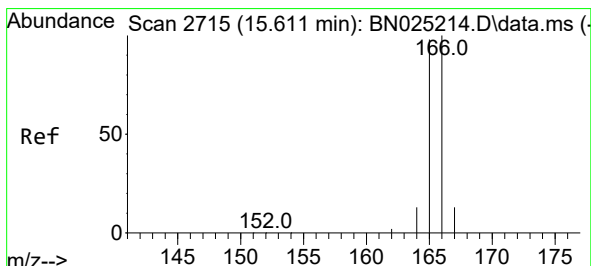
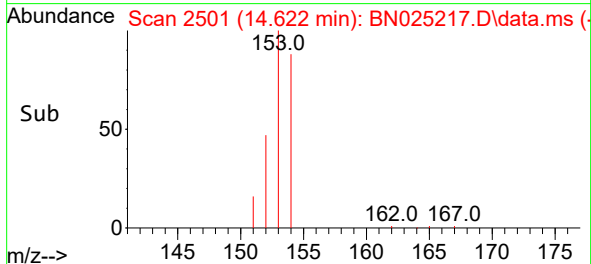
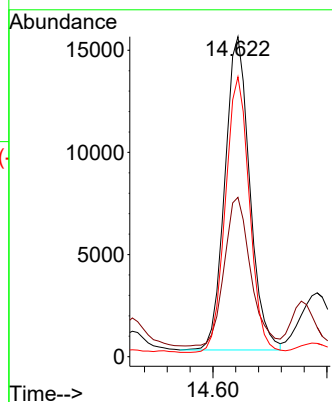
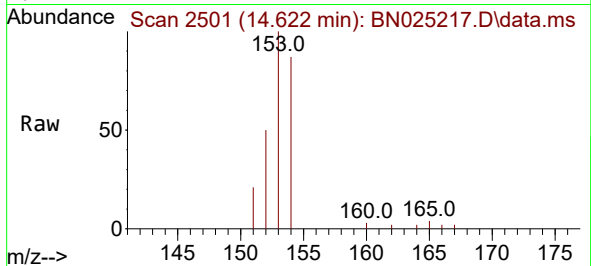




#11
Acenaphthene
Concen: 0.392 ng/ul
RT: 14.622 min Scan# 211
Delta R.T. 0.001 min
Lab File: BN025217.D
Acq: 02 May 2023 13:12

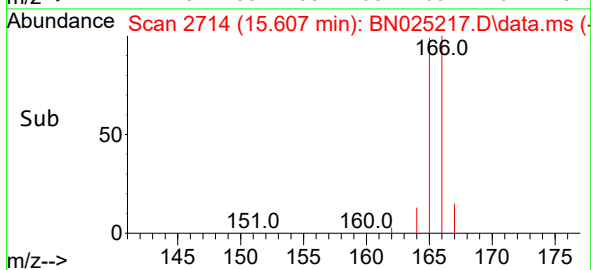
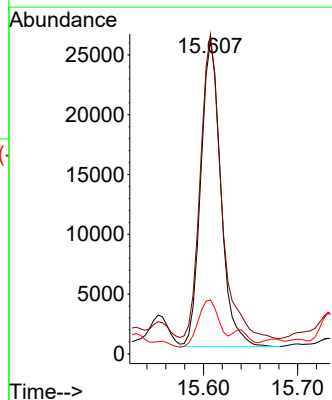
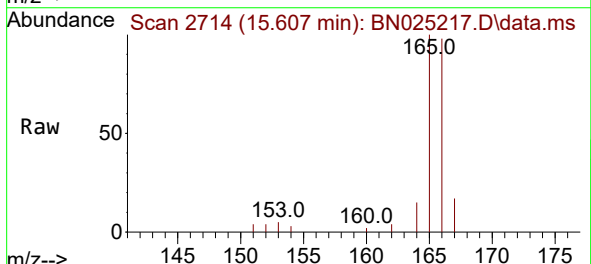
Instrument :
BNA_N
ClientSampleId :
EW924

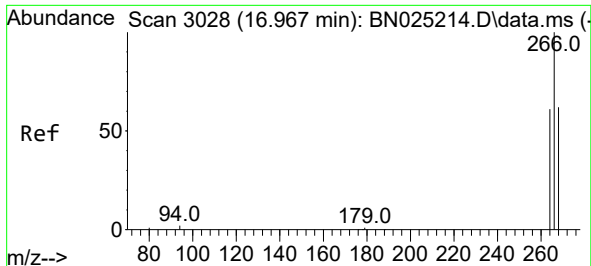
Tgt Ion:153 Resp: 23220
Ion Ratio Lower Upper
153 100
152 49.8 40.2 60.4
154 87.4 69.4 104.2



#12
Fluorene
Concen: 0.572 ng/ul
RT: 15.607 min Scan# 2714
Delta R.T. -0.004 min
Lab File: BN025217.D
Acq: 02 May 2023 13:12

Tgt Ion:166 Resp: 37895
Ion Ratio Lower Upper
166 100
165 102.0 78.1 117.1
167 17.2 11.0 16.6#

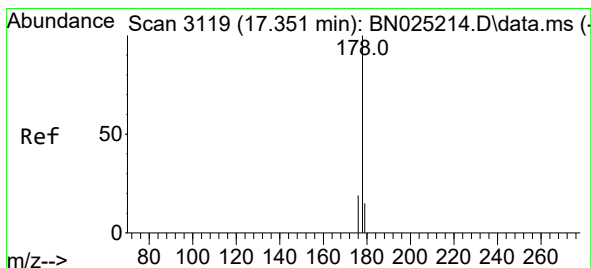
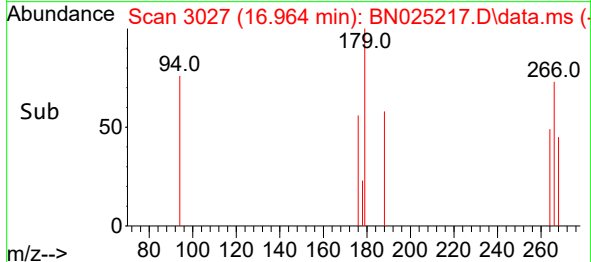
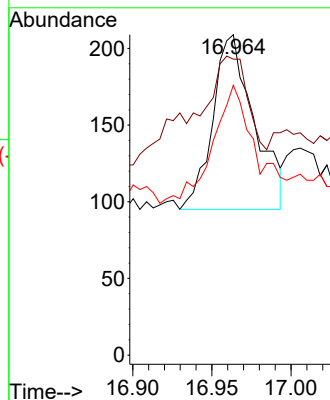
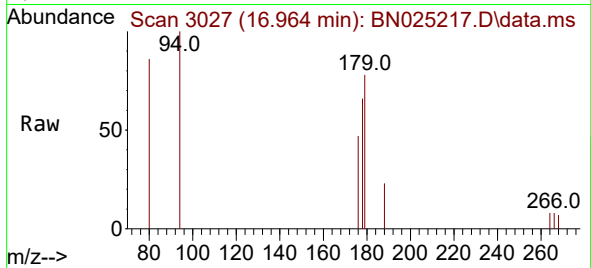




#14
Pentachlorophenol
Concen: 0.020 ng/ul
RT: 16.964 min Scan# 3028
Delta R.T. -0.003 min
Lab File: BN025217.D
Acq: 02 May 2023 13:12

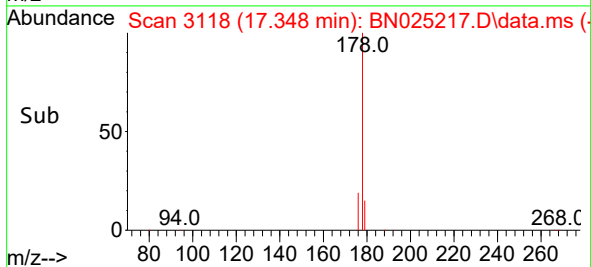
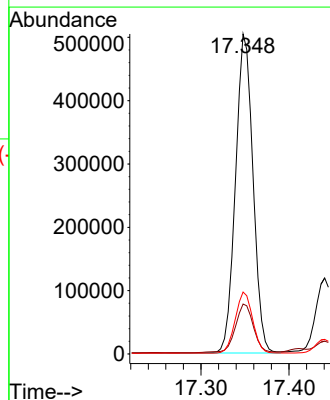
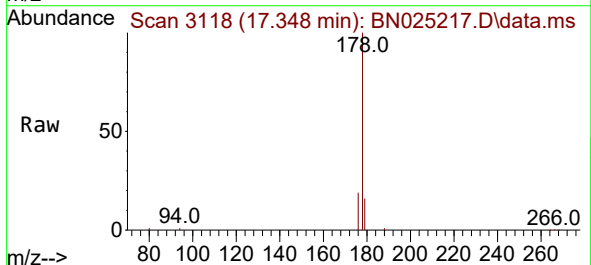
Instrument :
BNA_N
ClientSampleId :
EW924

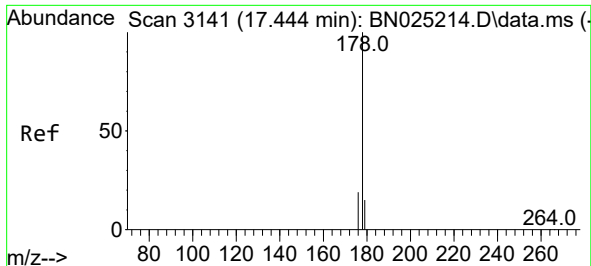
Tgt Ion:266 Resp: 207
Ion Ratio Lower Upper
266 100
264 49.3 49.6 74.4#
268 76.8 51.3 76.9



#15
Phenanthrene
Concen: 4.771 ng/ul
RT: 17.348 min Scan# 3118
Delta R.T. -0.003 min
Lab File: BN025217.D
Acq: 02 May 2023 13:12

Tgt Ion:178 Resp: 695249
Ion Ratio Lower Upper
178 100
179 15.6 12.5 18.7
176 19.3 15.6 23.4

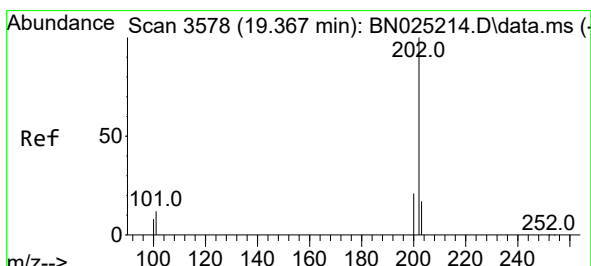
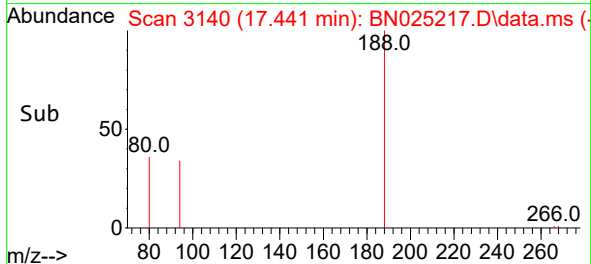
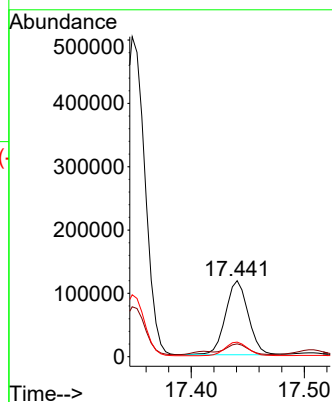
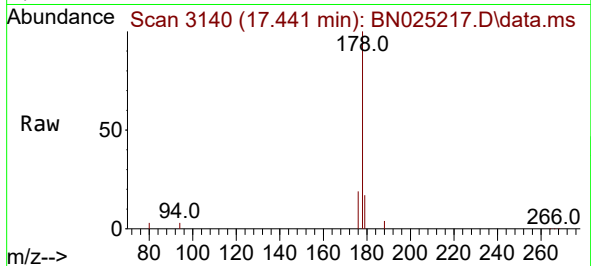




#16
 Anthracene
 Concen: 1.369 ng/ul
 RT: 17.441 min Scan# 3141
 Delta R.T. -0.003 min
 Lab File: BN025217.D
 Acq: 02 May 2023 13:12

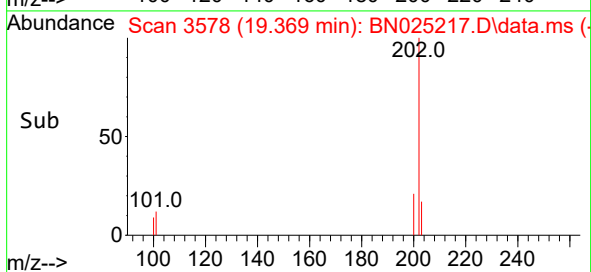
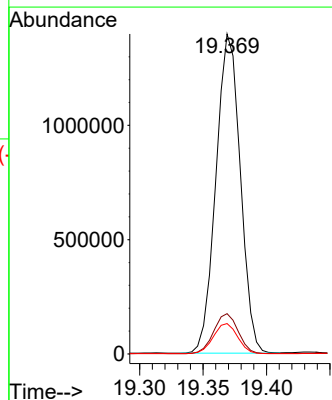
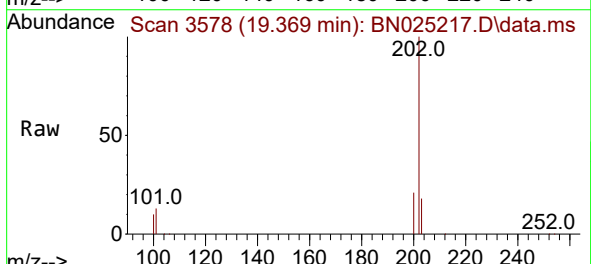
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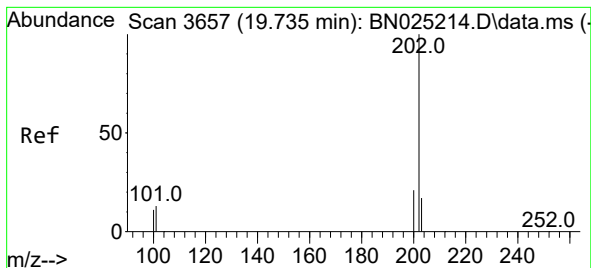
Tgt Ion:178 Resp: 163249
 Ion Ratio Lower Upper
 178 100
 179 16.8 12.7 19.1
 176 19.2 15.3 22.9



#19
 Fluoranthene
 Concen: 15.794 ng/ul
 RT: 19.369 min Scan# 3578
 Delta R.T. 0.002 min
 Lab File: BN025217.D
 Acq: 02 May 2023 13:12

Tgt Ion:202 Resp: 1863534
 Ion Ratio Lower Upper
 202 100
 101 12.6 9.7 14.5
 100 9.5 7.3 10.9





#20

Pyrene

Concen: 15.022 ng/ul

RT: 19.736 min Scan# 3657

Delta R.T. 0.002 min

Lab File: BN025217.D

Acq: 02 May 2023 13:12

Instrument :

BNA_N

ClientSampleId :

EW924

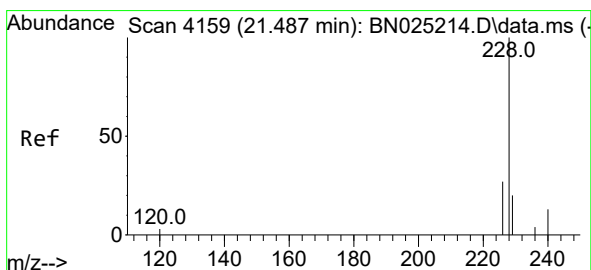
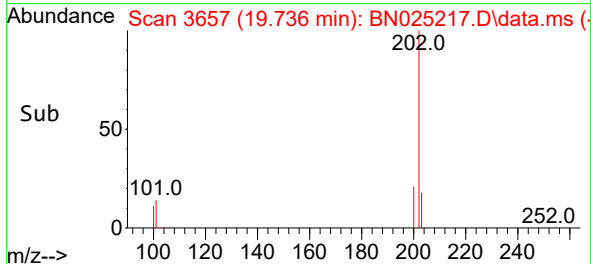
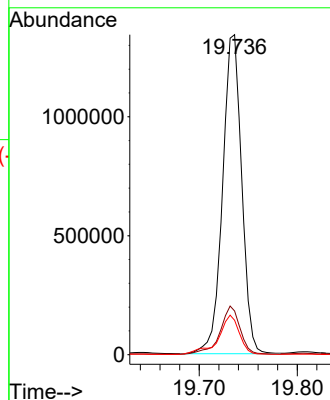
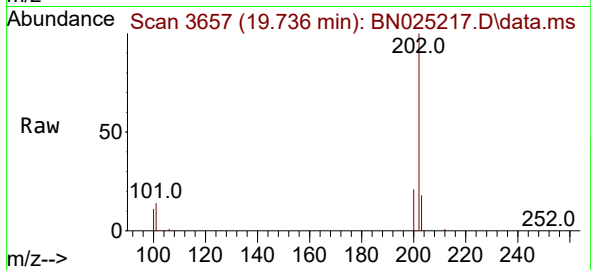
Tgt Ion:202 Resp: 1821092

Ion Ratio Lower Upper

202 100

101 13.6 11.3 16.9

100 10.7 9.2 13.8



#21

Benzo(a)anthracene

Concen: 9.921 ng/ul

RT: 21.486 min Scan# 4158

Delta R.T. -0.001 min

Lab File: BN025217.D

Acq: 02 May 2023 13:12

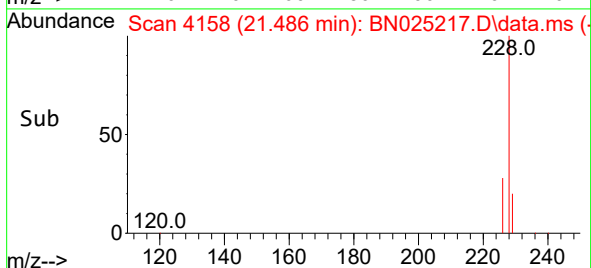
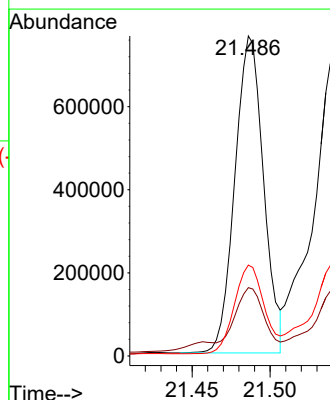
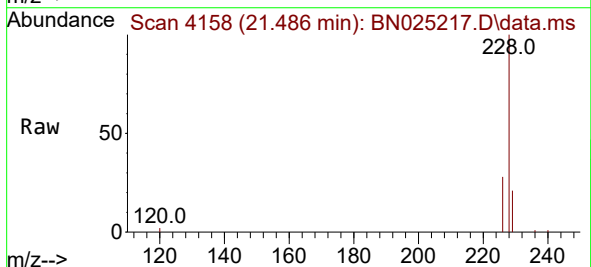
Tgt Ion:228 Resp: 975473

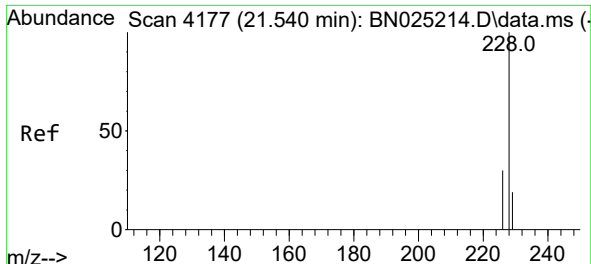
Ion Ratio Lower Upper

228 100

229 21.4 15.6 23.4

226 28.4 22.1 33.1





#22

Chrysene

Concen: 9.905 ng/ul

RT: 21.539 min Scan# 4176

Delta R.T. -0.001 min

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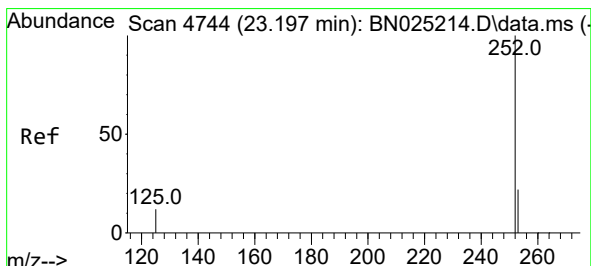
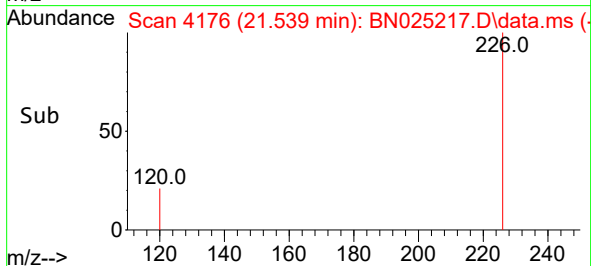
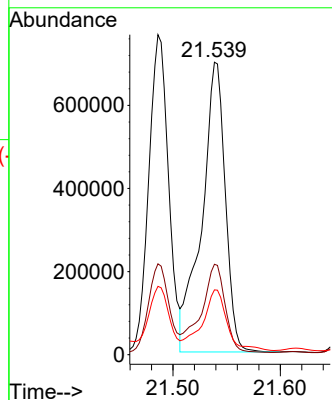
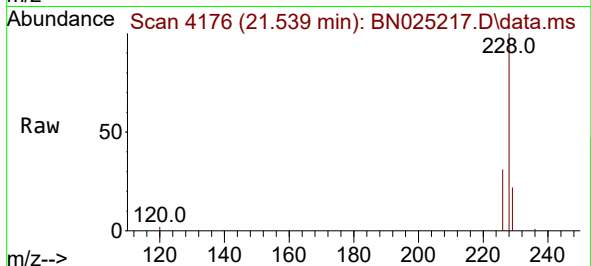
Tgt Ion:228 Resp: 1062373

Ion Ratio Lower Upper

228 100

226 30.9 24.5 36.7

229 22.2 15.8 23.6



#24

Benzo(b)fluoranthene

Concen: 16.162 ng/ul

RT: 23.196 min Scan# 4743

Delta R.T. -0.001 min

Lab File: BN025217.D

Acq: 02 May 2023 13:12

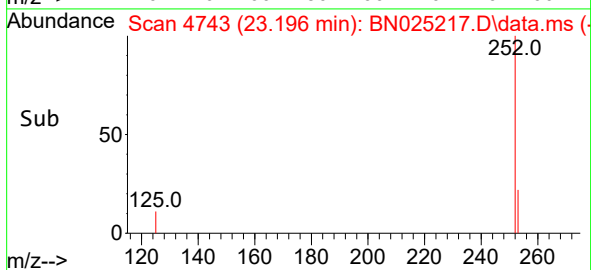
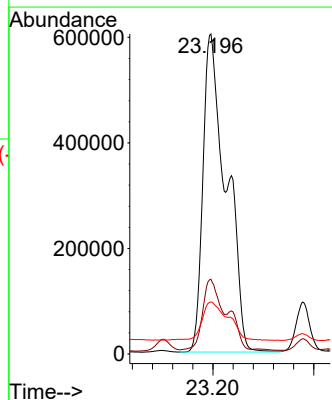
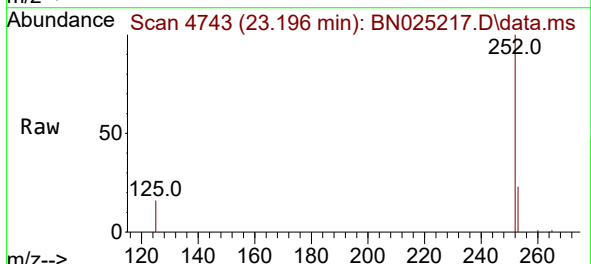
Tgt Ion:252 Resp: 1939280

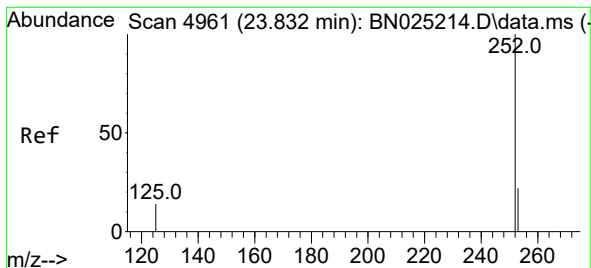
Ion Ratio Lower Upper

252 100

253 23.3 0.0 50.2

125 16.2 0.0 30.4





#26

Benzo(a)pyrene

Concen: 9.289 ng/ul

RT: 23.824 min Scan# 4961

Delta R.T. -0.007 min

Lab File: BN025217.D

Acq: 02 May 2023 13:12

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BNA_N

ClientSampleId :

EW924

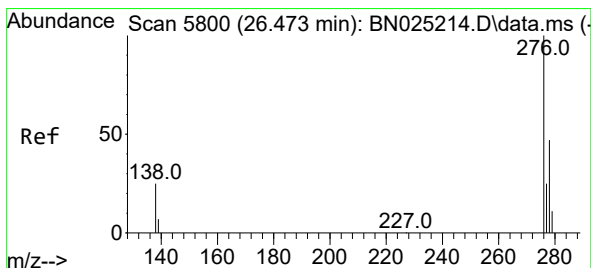
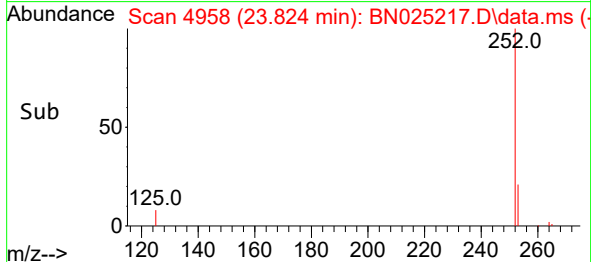
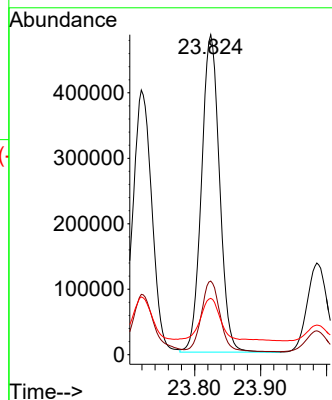
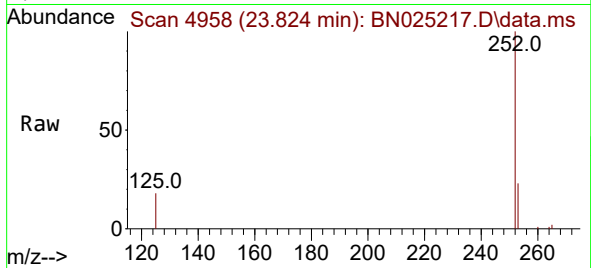
Tgt Ion:252 Resp: 922222

Ion Ratio Lower Upper

252 100

253 23.0 21.4 32.2

125 17.6 14.6 22.0



#27

Indeno(1,2,3-cd)pyrene

Concen: 6.034 ng/ul

RT: 26.451 min Scan# 5793

Delta R.T. -0.022 min

Lab File: BN025217.D

Acq: 02 May 2023 13:12

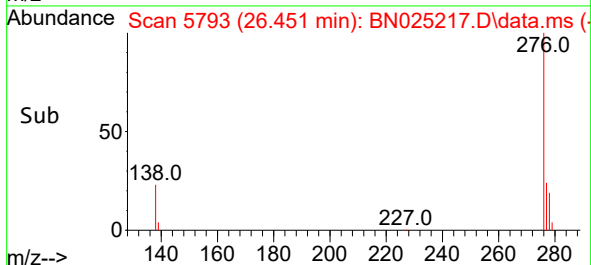
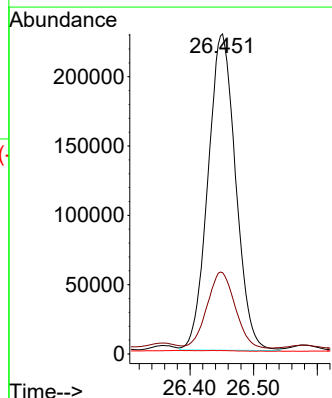
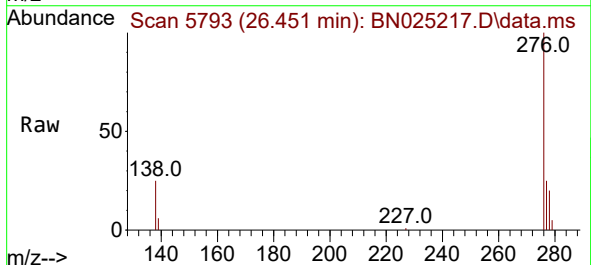
Tgt Ion:276 Resp: 690228

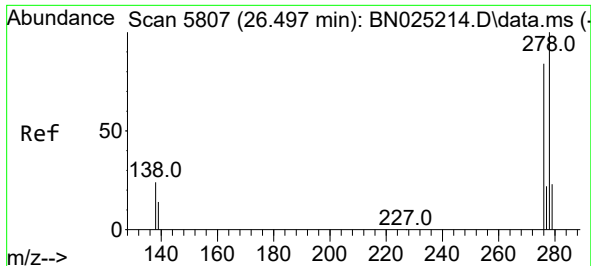
Ion Ratio Lower Upper

276 100

138 24.3 21.9 32.9

227 0.0 0.1 0.1#

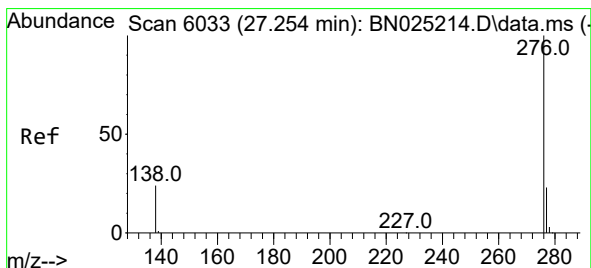
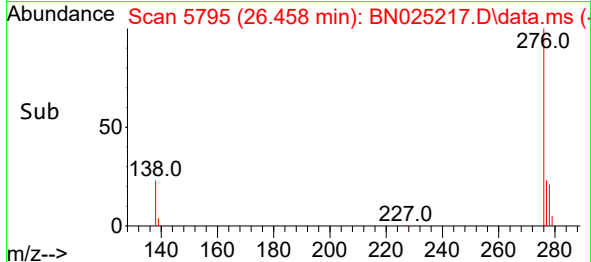
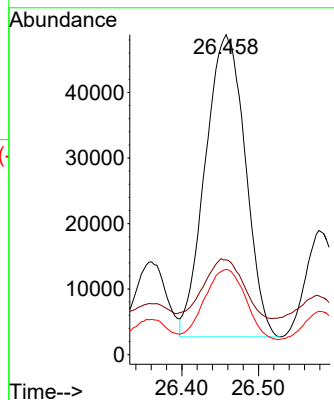
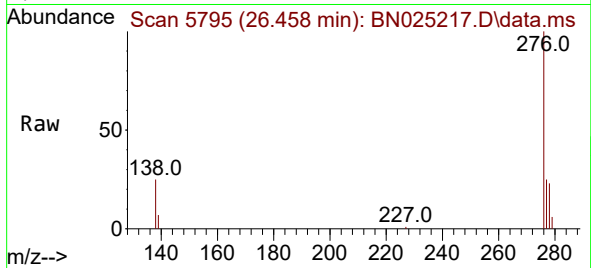




#28
Dibenzo(a,h)anthracene
Concen: 1.871 ng/ul
RT: 26.458 min Scan# 51
Delta R.T. -0.039 min
Lab File: BN025217.D
Acq: 02 May 2023 13:12

Instrument :
BNA_N
ClientSampleId :
EW924

Tgt Ion:278 Resp: 167164
Ion Ratio Lower Upper
278 100
139 29.7 17.0 25.6#
279 26.7 21.8 32.8



#29
Benzo(g,h,i)perylene
Concen: 7.311 ng/ul
RT: 27.236 min Scan# 6027
Delta R.T. -0.019 min
Lab File: BN025217.D
Acq: 02 May 2023 13:12

Tgt Ion:276 Resp: 711100
Ion Ratio Lower Upper
276 100
138 26.0 20.3 30.5
277 24.3 19.8 29.6

