

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042023\
 Data File : BN025022.D
 Acq On : 20 Apr 2023 04:46
 Operator : CG/JU
 Sample : SST0.295
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 20 07:47:06 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 : Thu Apr 20 07:43:17 2023
 Response via : Initial Calibration

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

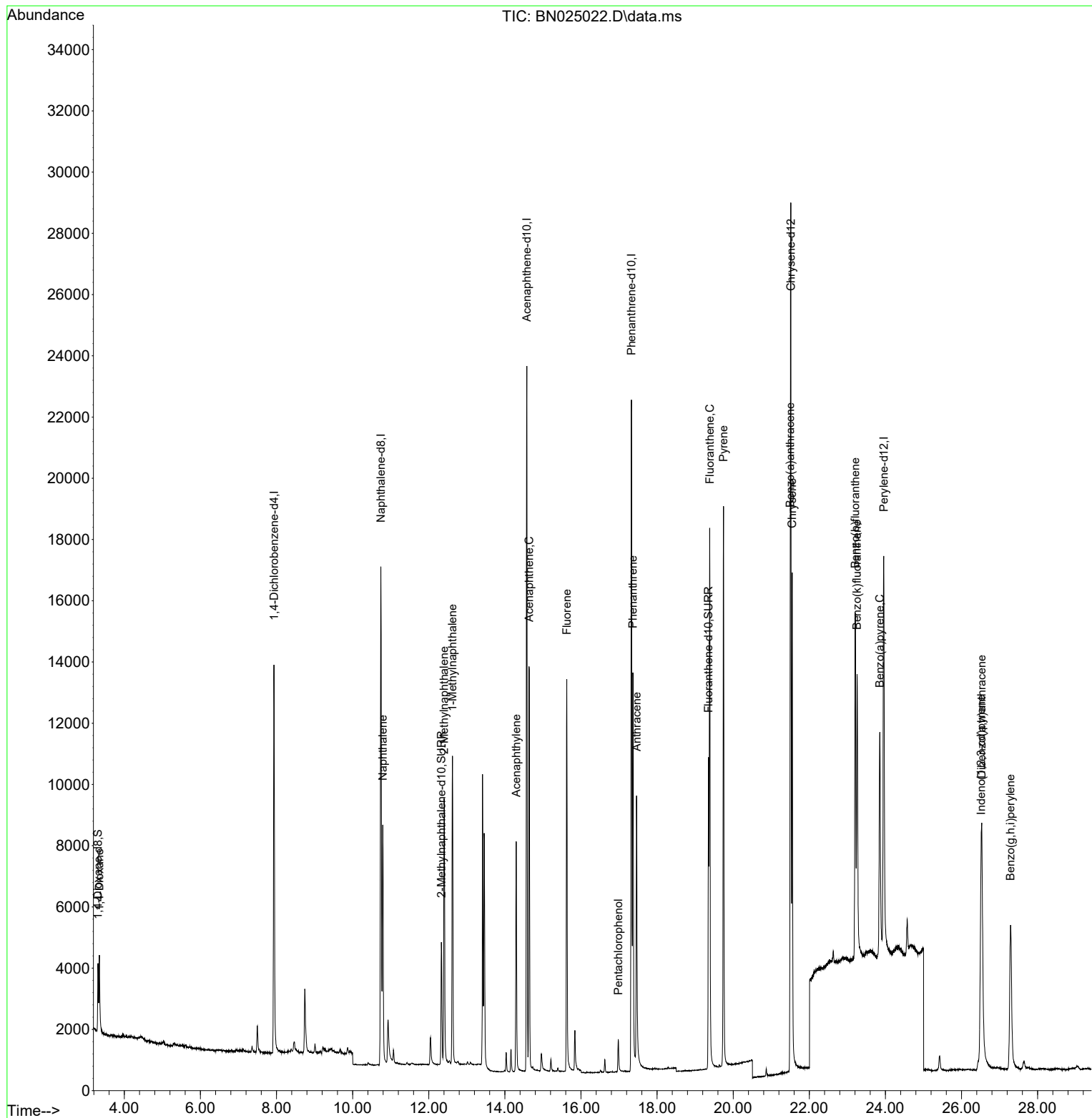
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.933	152	7237	0.400	ng/ul	0.00
4) Naphthalene-d8	10.742	136	22291	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.575	164	12843	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.326	188	26606	0.400	ng/ul	0.00
17) Chrysene-d12	21.515	240	22511	0.400	ng/ul	0.00
23) Perylene-d12	23.956	264	18207	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.309	96	1522	0.193	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	5442	0.190	ng/ul	0.00
18) Fluoranthene-d10	19.350	212	11585	0.207	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.343	88	1626	0.187	ng/ul#	90
5) Naphthalene	10.792	128	11023	0.194	ng/ul	99
7) 2-Methylnaphthalene	12.403	142	6740	0.191	ng/ul	99
8) 1-Methylnaphthalene	12.623	142	7192	0.192	ng/ul	99
10) Acenaphthylene	14.298	152	9148	0.190	ng/ul	99
11) Acenaphthene	14.635	153	7786	0.189	ng/ul	99
12) Fluorene	15.625	166	8542	0.185	ng/ul	98
14) Pentachlorophenol	16.980	266	845	0.149	ng/ul	98
15) Phenanthrene	17.364	178	14632	0.195	ng/ul	99
16) Anthracene	17.461	178	11515	0.185	ng/ul	99
19) Fluoranthene	19.382	202	15773	0.203	ng/ul	98
20) Pyrene	19.745	202	16299	0.205	ng/ul	99
21) Benzo(a)anthracene	21.497	228	12908	0.182	ng/ul	100
22) Chrysene	21.550	228	14311	0.186	ng/ul	100
24) Benzo(b)fluoranthene	23.207	252	14204	0.194	ng/ul	93
25) Benzo(k)fluoranthene	23.254	252	13595	0.191	ng/ul#	93
26) Benzo(a)pyrene	23.853	252	11935	0.197	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.511	276	13432	0.188	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.531	278	10385	0.185	ng/ul	95
29) Benzo(g,h,i)perylene	27.289	276	11519	0.191	ng/ul	96

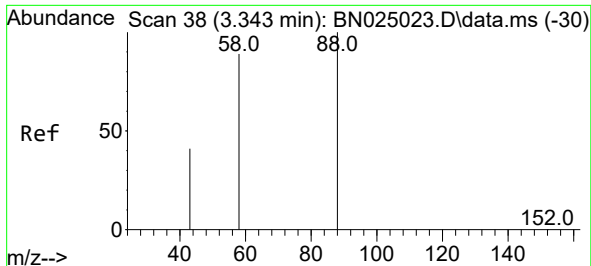
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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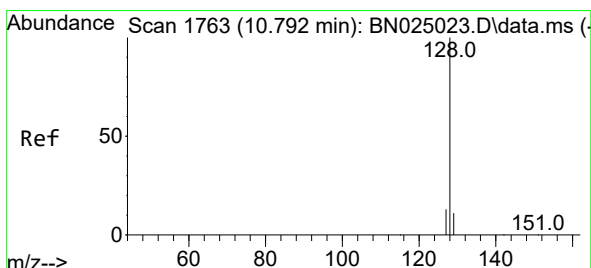
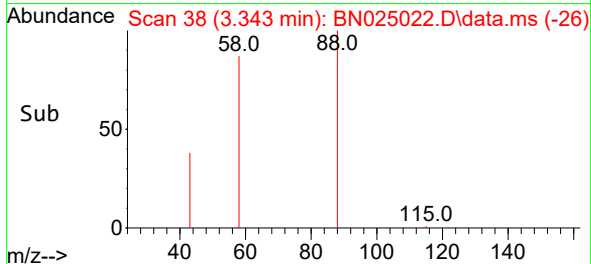
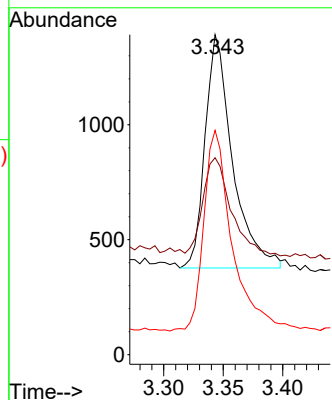
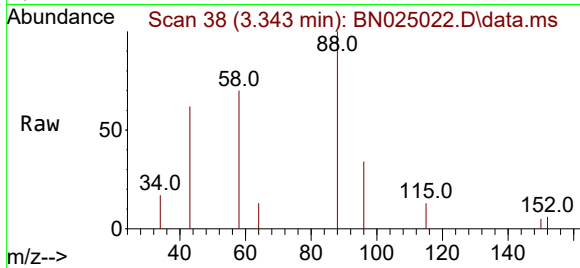




#2
1,4-Dioxane
Concen: 0.187 ng/ul
RT: 3.343 min Scan# 38
Delta R.T. -0.000 min
Lab File: BN025022.D
Acq: 20 Apr 2023 04:46

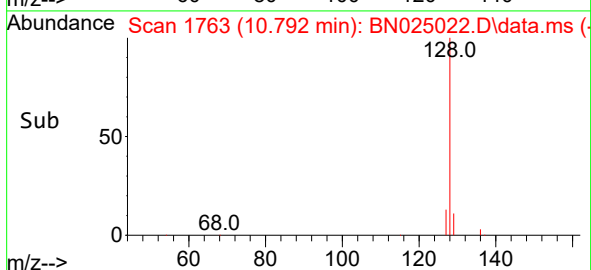
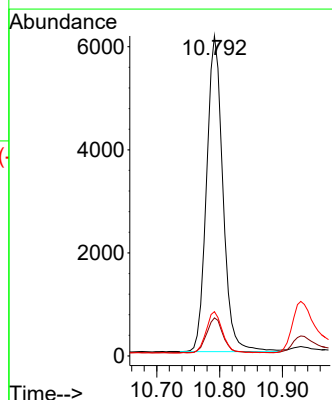
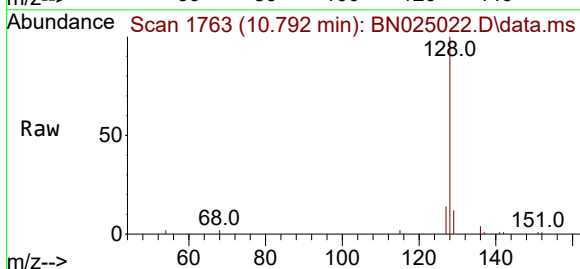
Instrument :
BNA_N
ClientSampleId :

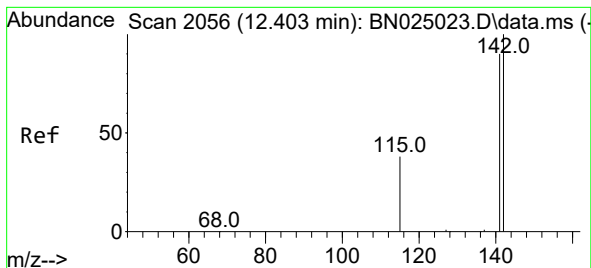
Tgt Ion: 88 Resp: 1626
Ion Ratio Lower Upper
88 100
43 61.6 37.0 55.4#
58 70.1 56.9 85.3



#5
Naphthalene
Concen: 0.194 ng/ul
RT: 10.792 min Scan# 1763
Delta R.T. -0.000 min
Lab File: BN025022.D
Acq: 20 Apr 2023 04:46

Tgt Ion:128 Resp: 11023
Ion Ratio Lower Upper
128 100
129 11.9 9.0 13.6
127 13.8 10.7 16.1

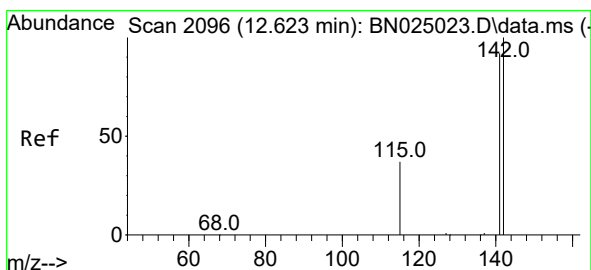
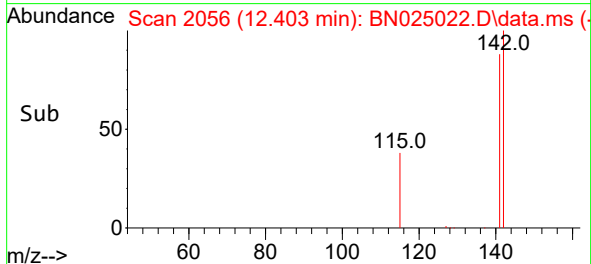
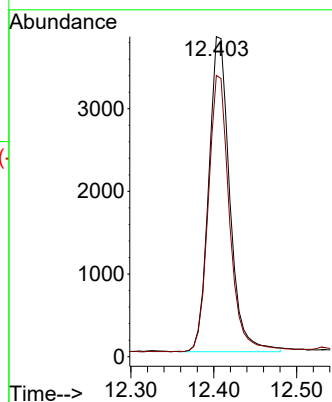
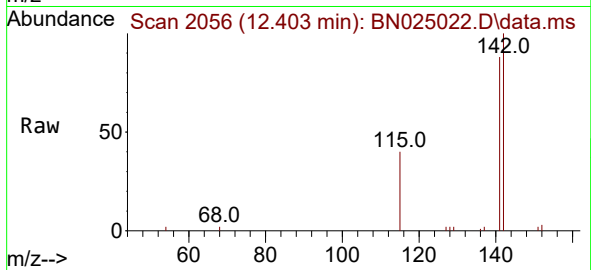




#7
2-Methylnaphthalene
Concen: 0.191 ng/ul
RT: 12.403 min Scan# 2056
Delta R.T. -0.000 min
Lab File: BN025022.D
Acq: 20 Apr 2023 04:46

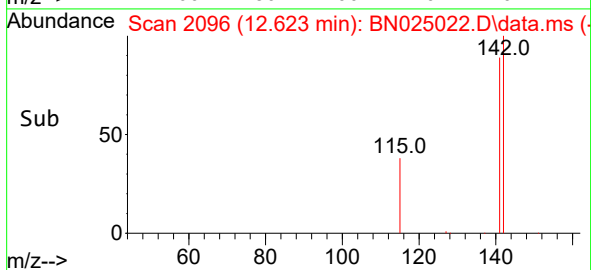
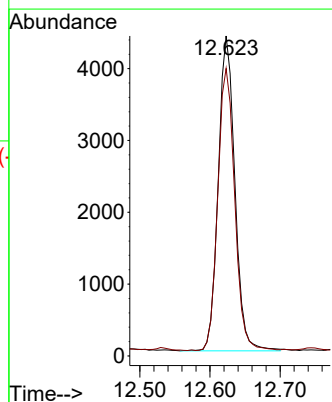
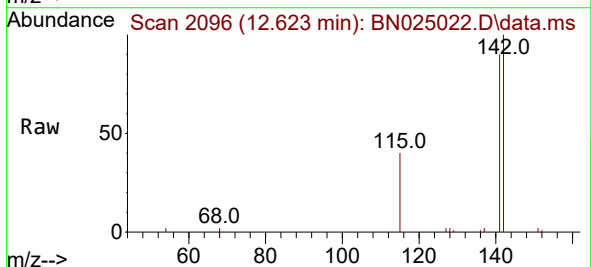
Instrument :
BNA_N
ClientSampleId :

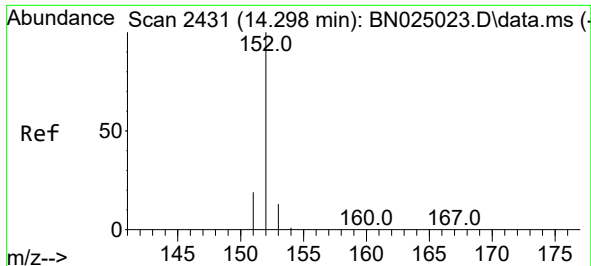
Tgt Ion:142 Resp: 6740
Ion Ratio Lower Upper
142 100
141 88.0 71.4 107.0



#8
1-Methylnaphthalene
Concen: 0.192 ng/ul
RT: 12.623 min Scan# 2096
Delta R.T. -0.000 min
Lab File: BN025022.D
Acq: 20 Apr 2023 04:46

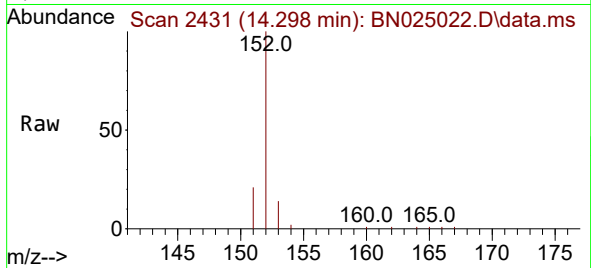
Tgt Ion:142 Resp: 7192
Ion Ratio Lower Upper
142 100
141 91.4 73.8 110.6



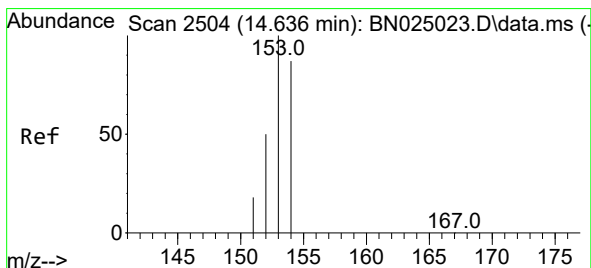
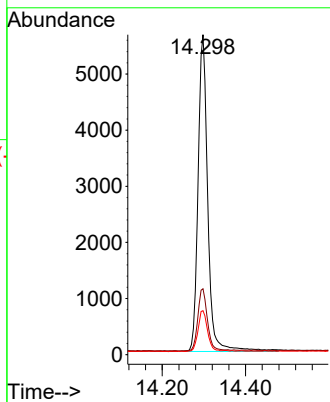
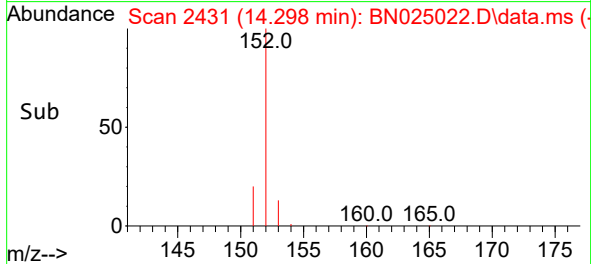


#10
Acenaphthylene
Concen: 0.190 ng/ul
RT: 14.298 min Scan# 2431
Delta R.T. -0.000 min
Lab File: BN025022.D
Acq: 20 Apr 2023 04:46

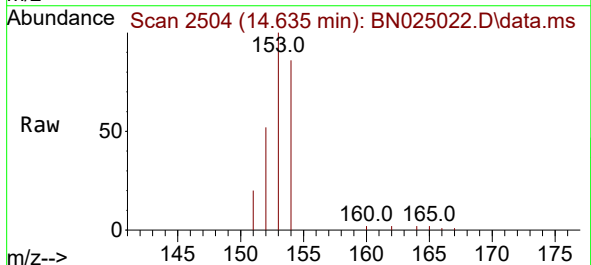
Instrument :
BNA_N
ClientSampleId :



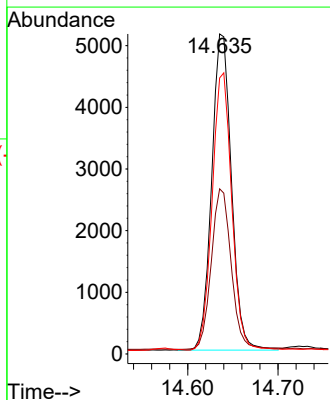
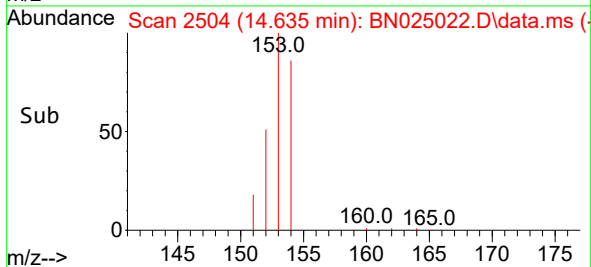
Tgt Ion:152 Resp: 9148
Ion Ratio Lower Upper
152 100
151 20.6 16.0 24.0
153 13.8 10.8 16.2

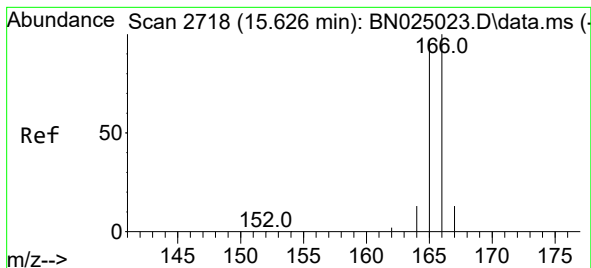


#11
Acenaphthene
Concen: 0.189 ng/ul
RT: 14.635 min Scan# 2504
Delta R.T. -0.000 min
Lab File: BN025022.D
Acq: 20 Apr 2023 04:46



Tgt Ion:153 Resp: 7786
Ion Ratio Lower Upper
153 100
152 51.6 40.2 60.4
154 86.2 69.4 104.2





#12

Fluorene

Concen: 0.185 ng/ul

RT: 15.625 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN025022.D

Acq: 20 Apr 2023 04:46

Instrument :

BNA_N

ClientSampleId :

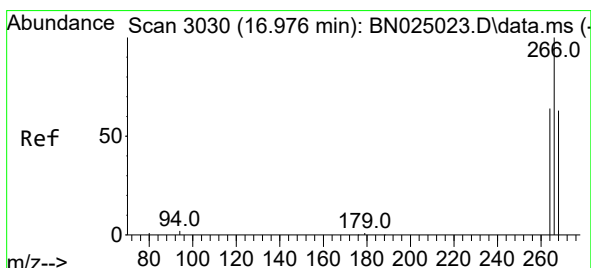
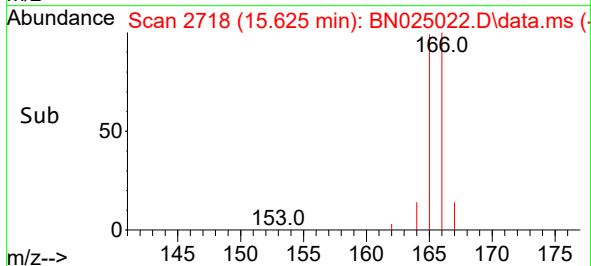
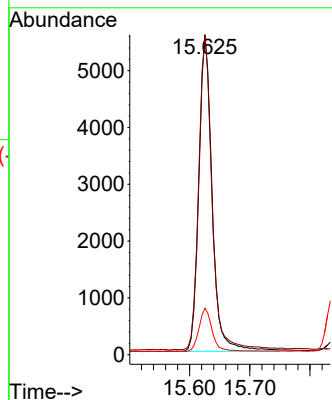
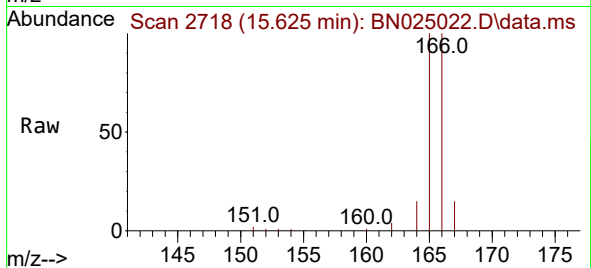
Tgt Ion:166 Resp: 8542

Ion Ratio Lower Upper

166 100

165 99.9 78.1 117.1

167 14.5 11.0 16.6



#14

Pentachlorophenol

Concen: 0.149 ng/ul

RT: 16.980 min Scan# 3031

Delta R.T. 0.004 min

Lab File: BN025022.D

Acq: 20 Apr 2023 04:46

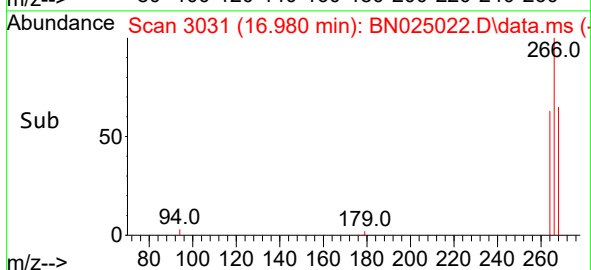
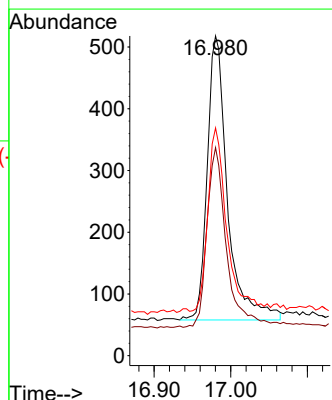
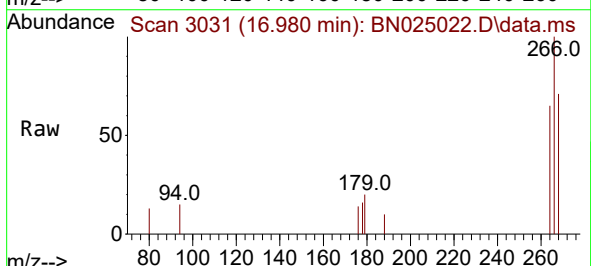
Tgt Ion:266 Resp: 845

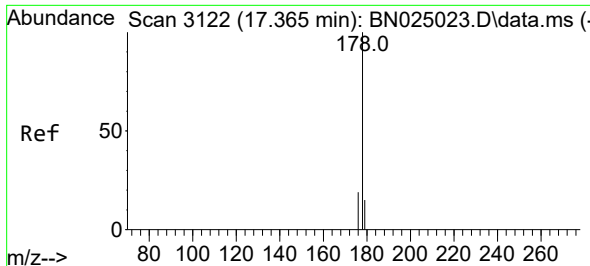
Ion Ratio Lower Upper

266 100

264 61.4 49.6 74.4

268 62.0 51.3 76.9

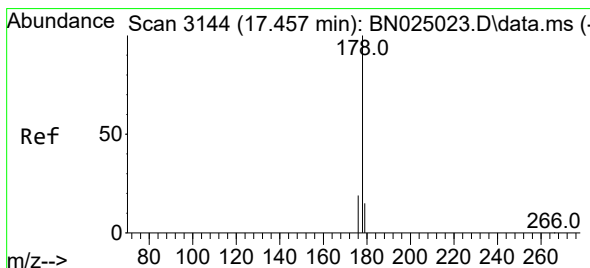
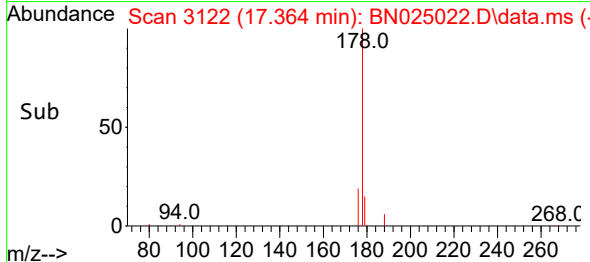
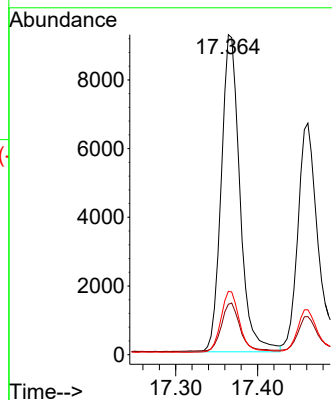
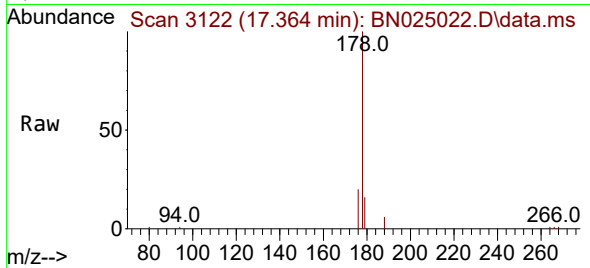




#15
Phenanthrene
Concen: 0.195 ng/ul
RT: 17.364 min Scan# 3122
Delta R.T. -0.000 min
Lab File: BN025022.D
Acq: 20 Apr 2023 04:46

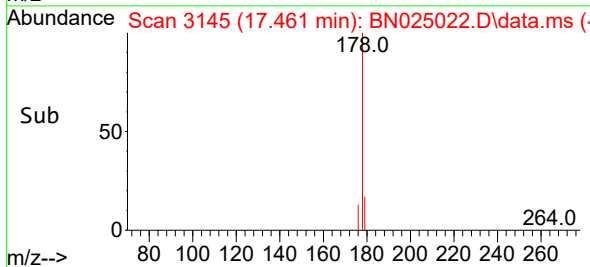
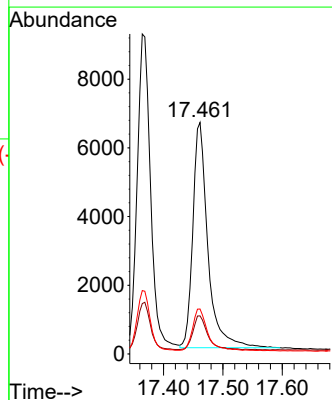
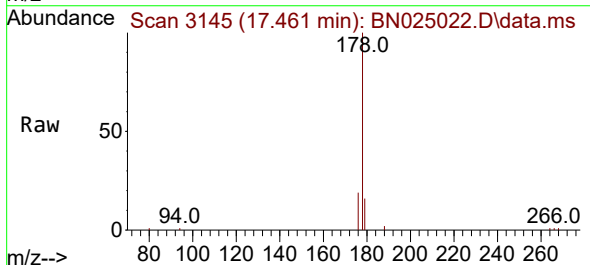
Instrument :
BNA_N
ClientSampleId :

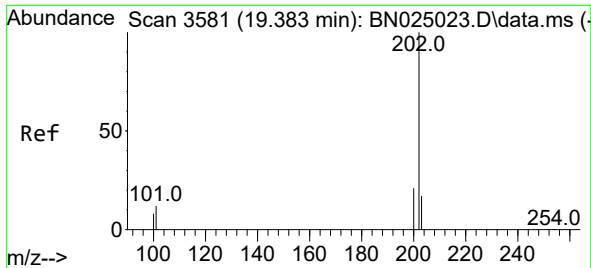
Tgt Ion:178 Resp: 14632
Ion Ratio Lower Upper
178 100
179 15.8 12.5 18.7
176 19.8 15.6 23.4



#16
Anthracene
Concen: 0.185 ng/ul
RT: 17.461 min Scan# 3145
Delta R.T. 0.004 min
Lab File: BN025022.D
Acq: 20 Apr 2023 04:46

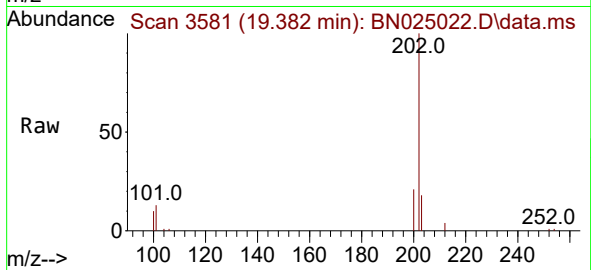
Tgt Ion:178 Resp: 11515
Ion Ratio Lower Upper
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179 16.4 12.7 19.1
176 19.4 15.3 22.9



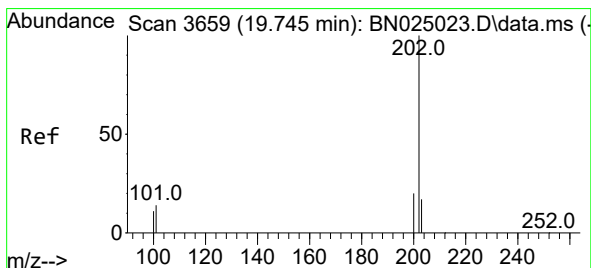
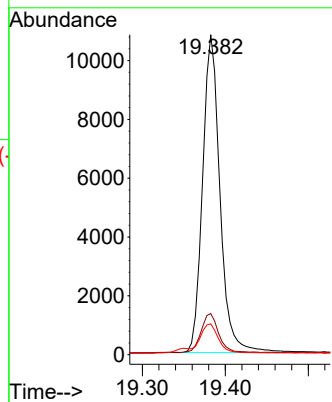
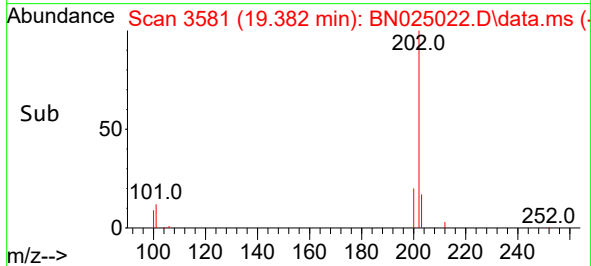


#19
Fluoranthene
Concen: 0.203 ng/ul
RT: 19.382 min Scan# 3581
Delta R.T. -0.000 min
Lab File: BN025022.D
Acq: 20 Apr 2023 04:46

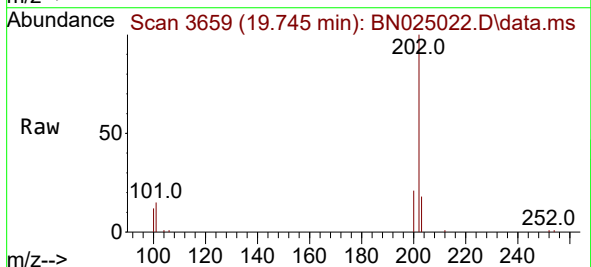
Instrument :
BNA_N
ClientSampleId :



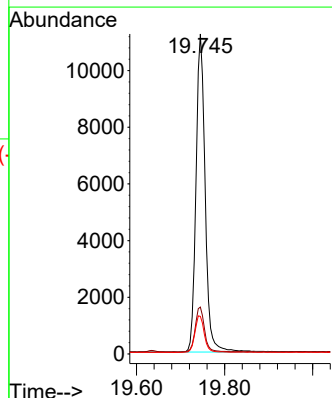
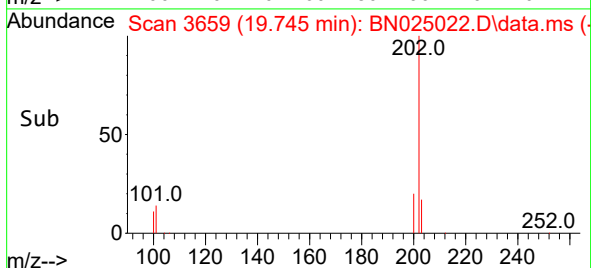
Tgt Ion:202 Resp: 15773
Ion Ratio Lower Upper
202 100
101 12.9 9.7 14.5
100 9.7 7.3 10.9

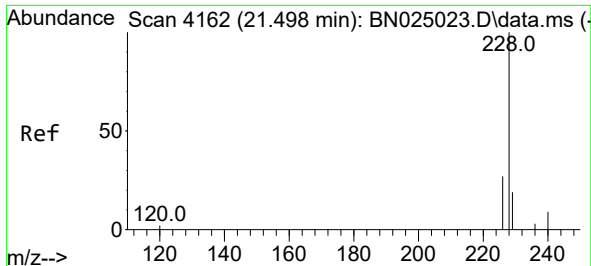


#20
Pyrene
Concen: 0.205 ng/ul
RT: 19.745 min Scan# 3659
Delta R.T. -0.000 min
Lab File: BN025022.D
Acq: 20 Apr 2023 04:46



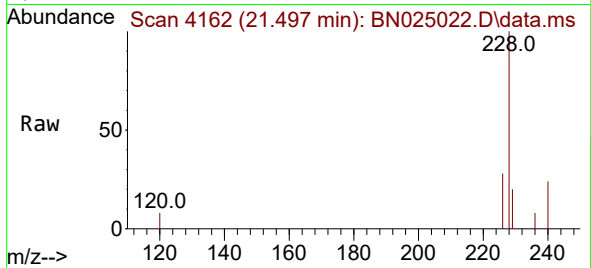
Tgt Ion:202 Resp: 16299
Ion Ratio Lower Upper
202 100
101 14.6 11.3 16.9
100 11.8 9.2 13.8



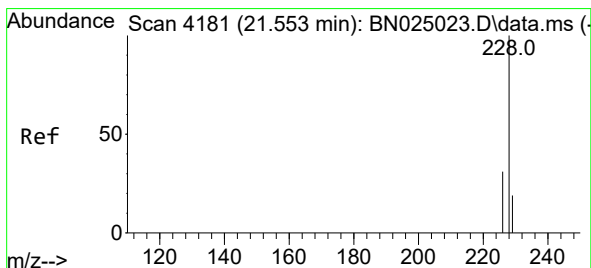
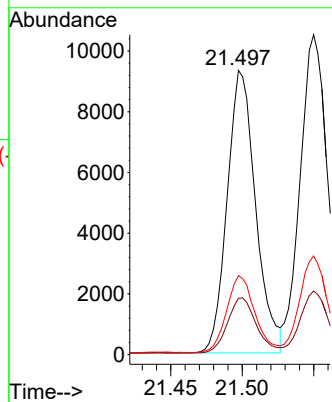
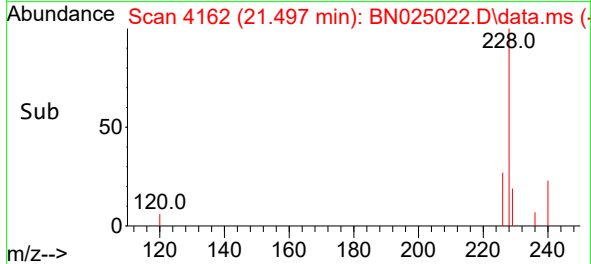


#21
Benzo(a)anthracene
Concen: 0.182 ng/ul
RT: 21.497 min Scan# 4162
Delta R.T. -0.000 min
Lab File: BN025022.D
Acq: 20 Apr 2023 04:46

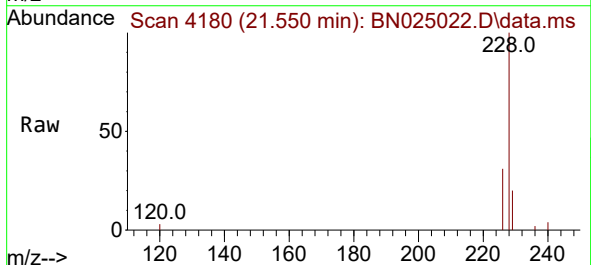
Instrument :
BNA_N
ClientSampleId :



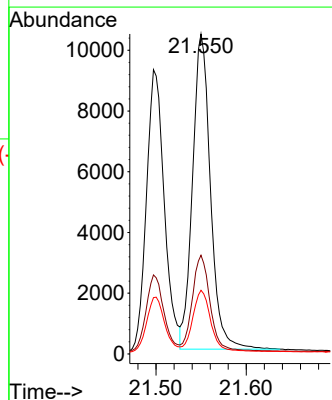
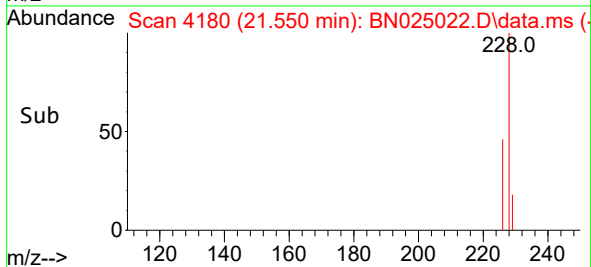
Tgt Ion:228 Resp: 12908
Ion Ratio Lower Upper
228 100
229 19.8 15.6 23.4
226 27.8 22.1 33.1

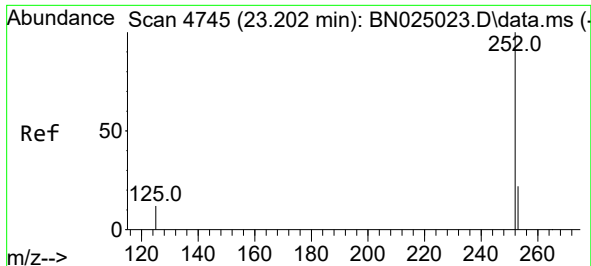


#22
Chrysene
Concen: 0.186 ng/ul
RT: 21.550 min Scan# 4180
Delta R.T. -0.003 min
Lab File: BN025022.D
Acq: 20 Apr 2023 04:46



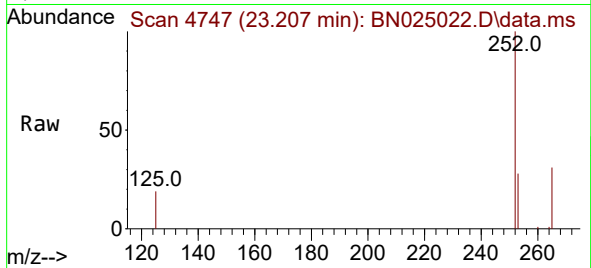
Tgt Ion:228 Resp: 14311
Ion Ratio Lower Upper
228 100
226 30.9 24.5 36.7
229 19.9 15.8 23.6



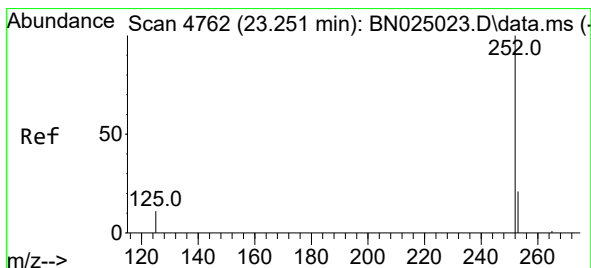
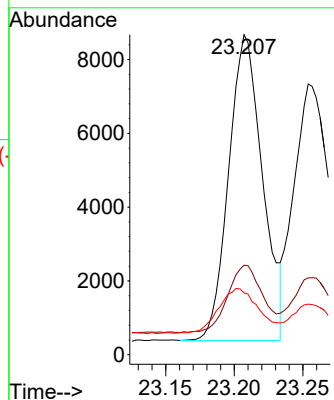


#24
Benzo(b)fluoranthene
Concen: 0.194 ng/ul
RT: 23.207 min Scan# 4745
Delta R.T. 0.006 min
Lab File: BN025022.D
Acq: 20 Apr 2023 04:46

Instrument :
BNA_N
ClientSampleId :

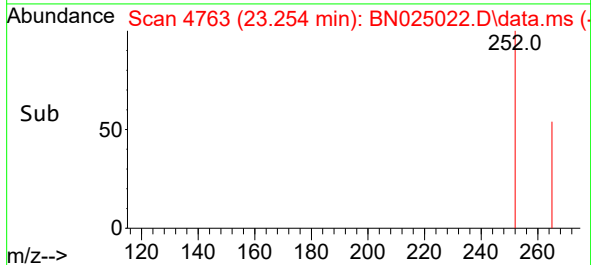
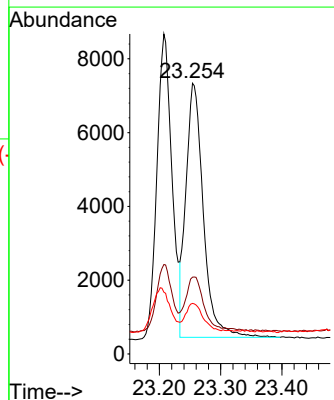
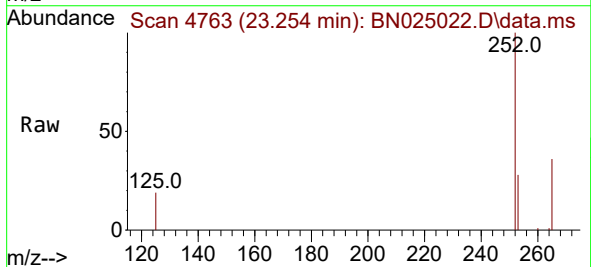


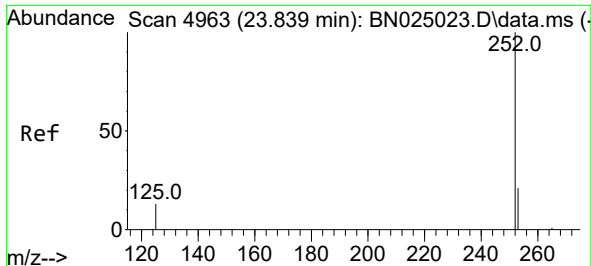
Tgt Ion:252 Resp: 14204
Ion Ratio Lower Upper
252 100
253 27.9 0.0 50.2
125 19.3 0.0 30.4



#25
Benzo(k)fluoranthene
Concen: 0.191 ng/ul
RT: 23.254 min Scan# 4763
Delta R.T. 0.003 min
Lab File: BN025022.D
Acq: 20 Apr 2023 04:46

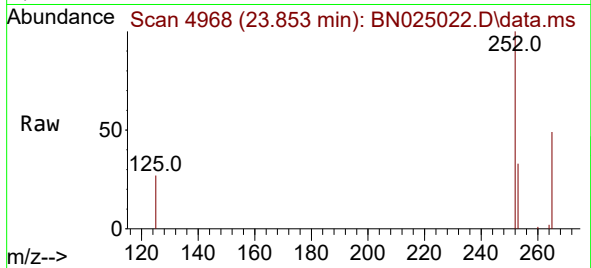
Tgt Ion:252 Resp: 13595
Ion Ratio Lower Upper
252 100
253 28.3 20.2 30.4
125 18.7 11.8 17.8#



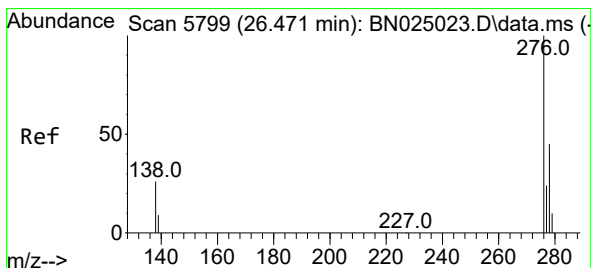
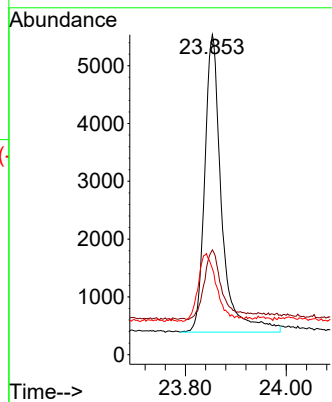
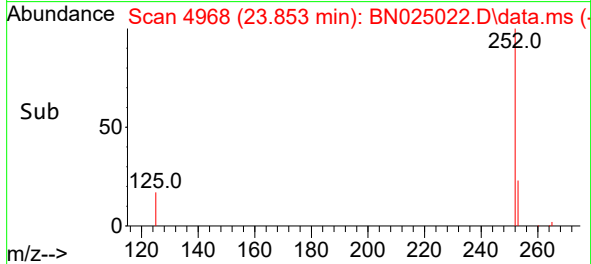


#26
Benzo(a)pyrene
Concen: 0.197 ng/ul
RT: 23.853 min Scan# 4963
Delta R.T. 0.014 min
Lab File: BN025022.D
Acq: 20 Apr 2023 04:46

Instrument :
BNA_N
ClientSampleId :

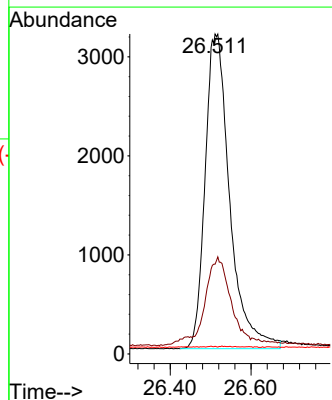
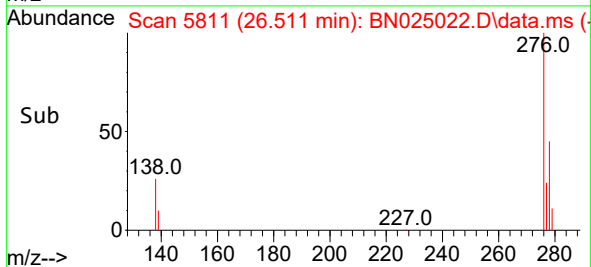
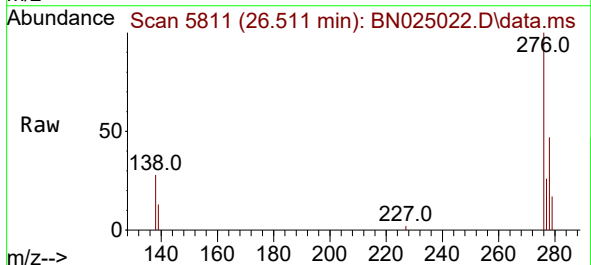


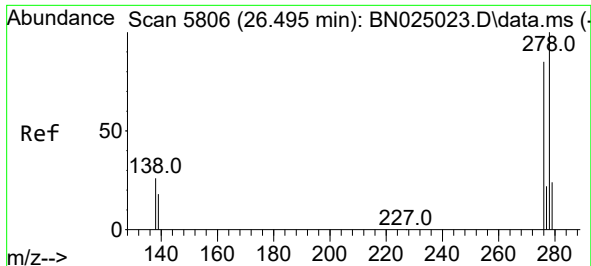
Tgt Ion:252 Resp: 11935
Ion Ratio Lower Upper
252 100
253 32.8 21.4 32.2#
125 26.9 14.6 22.0#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.188 ng/ul
RT: 26.511 min Scan# 5811
Delta R.T. 0.040 min
Lab File: BN025022.D
Acq: 20 Apr 2023 04:46

Tgt Ion:276 Resp: 13432
Ion Ratio Lower Upper
276 100
138 27.3 21.9 32.9
227 0.1 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.185 ng/ul

RT: 26.531 min Scan# 5806

Delta R.T. 0.037 min

Lab File: BN025022.D

Acq: 20 Apr 2023 04:46

Instrument :

BNA_N

ClientSampleId :

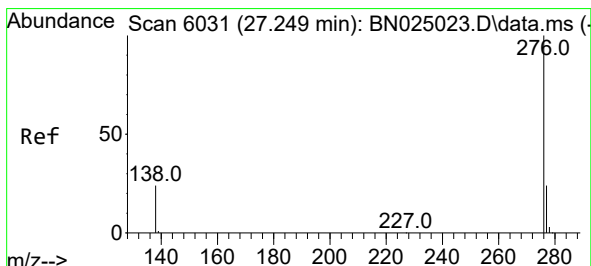
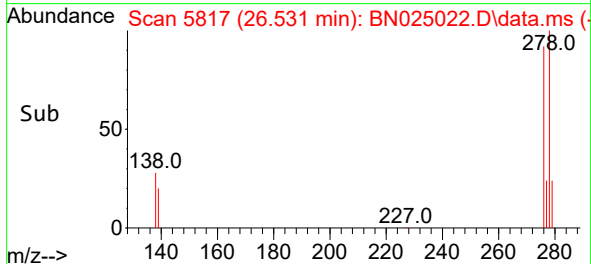
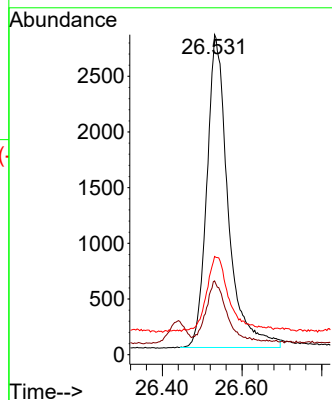
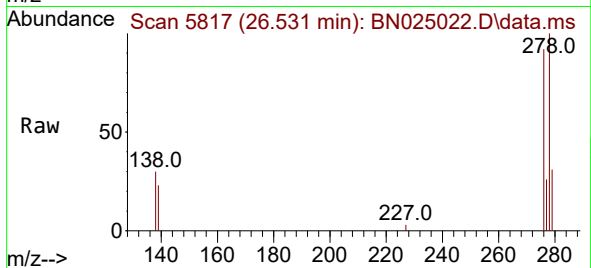
Tgt Ion:278 Resp: 10385

Ion Ratio Lower Upper

278 100

139 23.0 17.0 25.6

279 30.7 21.8 32.8



#29

Benzo(g,h,i)perylene

Concen: 0.191 ng/ul

RT: 27.289 min Scan# 6043

Delta R.T. 0.040 min

Lab File: BN025022.D

Acq: 20 Apr 2023 04:46

Tgt Ion:276 Resp: 11519

Ion Ratio Lower Upper

276 100

138 28.2 20.3 30.5

277 25.8 19.8 29.6

