

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080422\
 Data File : BN021010.D
 Acq On : 05 Aug 2022 04:09
 Operator : CG/JU
 Sample : PB146642BS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS642

Quant Time: Aug 05 04:54:26 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 03 16:31:11 2022
 Response via : Initial Calibration

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

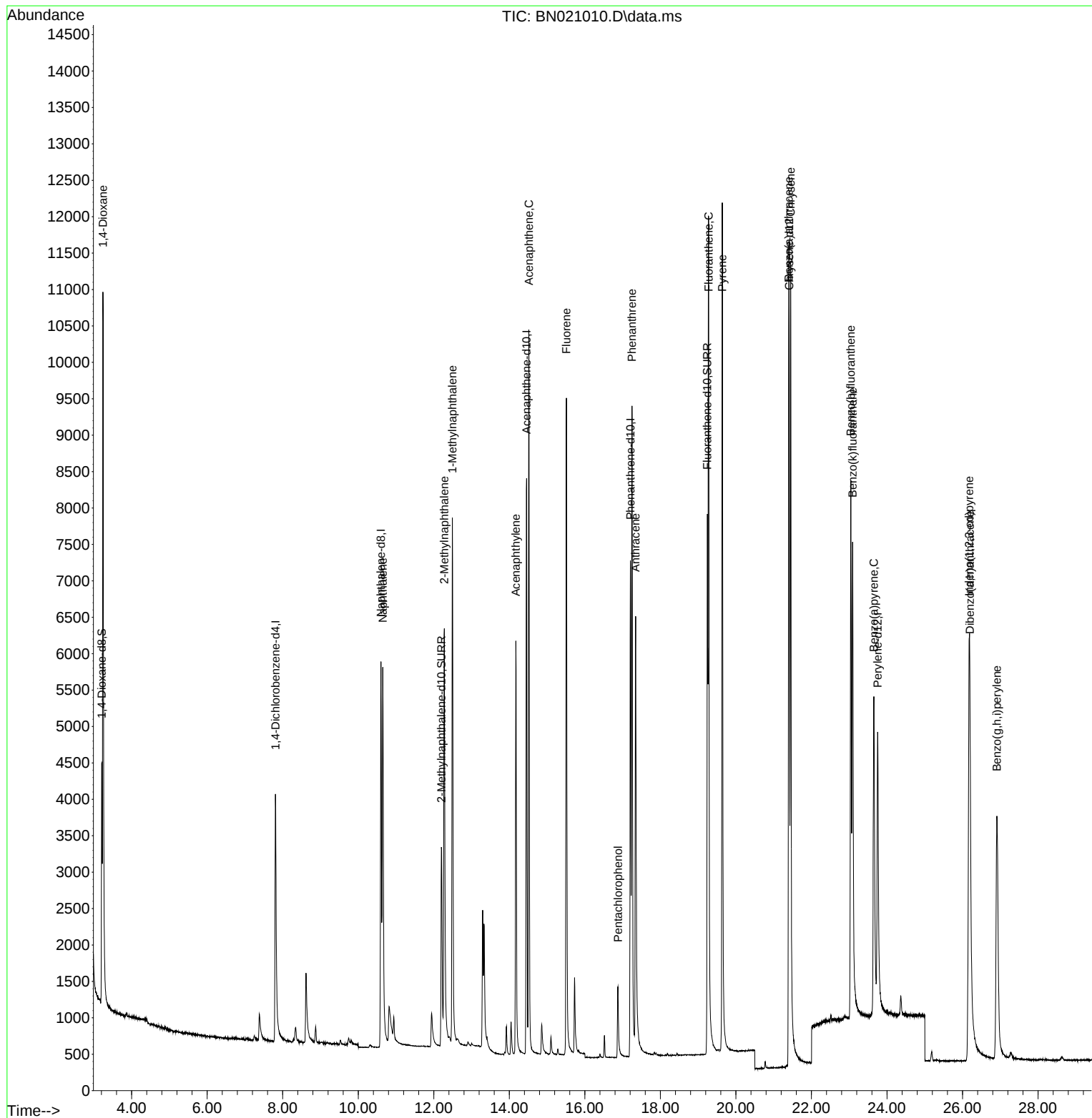
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	2667	0.400	ng/ul	0.00
4) Naphthalene-d8	10.602	136	8449	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.457	164	4753	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.210	188	9195	0.400	ng/ul	0.00
17) Chrysene-d12	21.412	240	7469	0.400	ng/ul	0.00
23) Perylene-d12	23.754	264	6120	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	2321	0.680	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.202	152	4594	0.371	ng/ul	0.00
18) Fluoranthene-d10	19.245	212	9142	0.396	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	6532	1.858	ng/ul#	82
5) Naphthalene	10.651	128	8773	0.338	ng/ul	99
7) 2-Methylnaphthalene	12.279	142	5319	0.338	ng/ul	99
8) 1-Methylnaphthalene	12.494	142	5809	0.369	ng/ul	100
10) Acenaphthylene	14.174	152	7443	0.335	ng/ul	100
11) Acenaphthene	14.517	153	6147	0.334	ng/ul	99
12) Fluorene	15.511	166	6697	0.333	ng/ul	99
14) Pentachlorophenol	16.876	266	904	0.638	ng/ul	99
15) Phenanthrene	17.248	178	10831	0.329	ng/ul	100
16) Anthracene	17.345	178	8753	0.344	ng/ul	100
19) Fluoranthene	19.277	202	11685	0.353	ng/ul	99
20) Pyrene	19.640	202	11965	0.351	ng/ul	98
21) Benzo(a)anthracene	21.398	228	8609	0.353	ng/ul	100
22) Chrysene	21.448	228	11216	0.349	ng/ul	100
24) Benzo(b)fluoranthene	23.043	252	9820	0.347	ng/ul	100
25) Benzo(k)fluoranthene	23.090	252	10428	0.349	ng/ul	99
26) Benzo(a)pyrene	23.654	252	8994	0.348	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.176	276	9718	0.315	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.196	278	7758	0.318	ng/ul	99
29) Benzo(g,h,i)perylene	26.910	276	8688	0.316	ng/ul	98

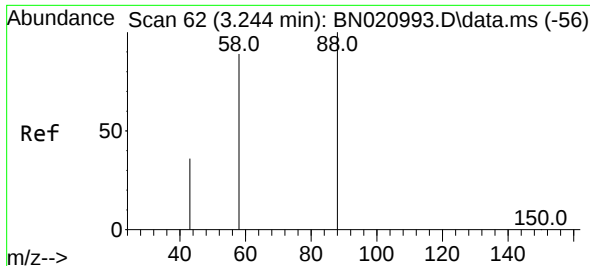
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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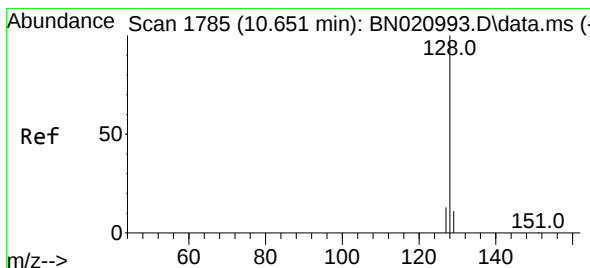
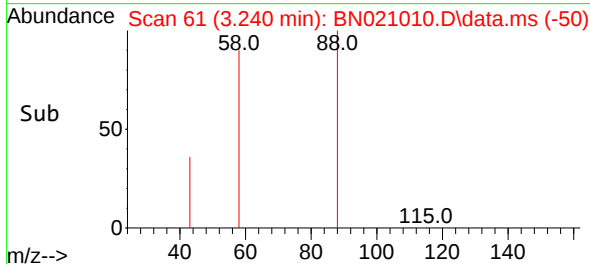
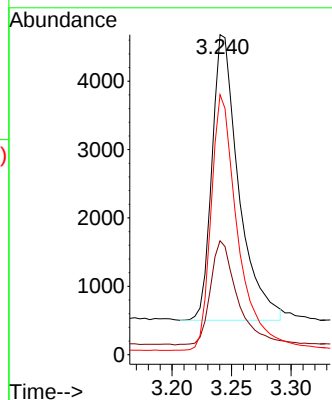
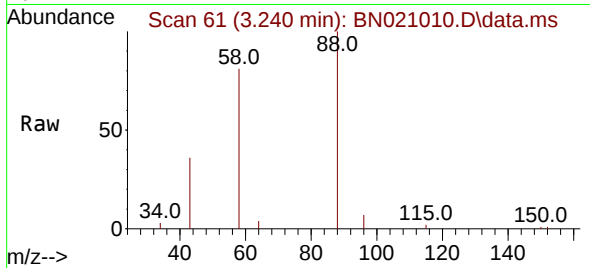




#2
1,4-Dioxane
Concen: 1.858 ng/ul
RT: 3.240 min Scan# 61
Delta R.T. -0.004 min
Lab File: BN021010.D
Acq: 05 Aug 2022 04:09

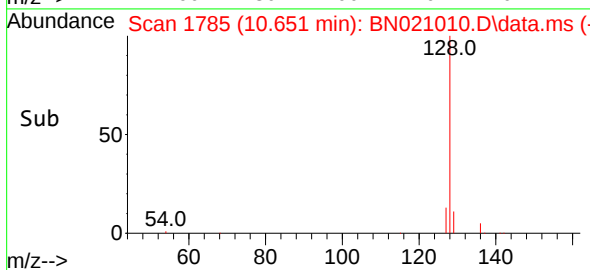
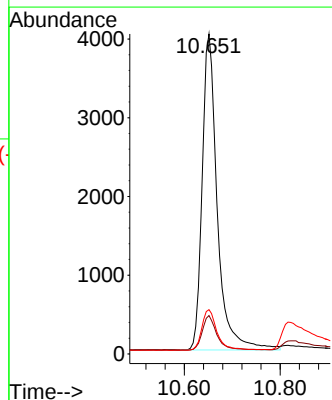
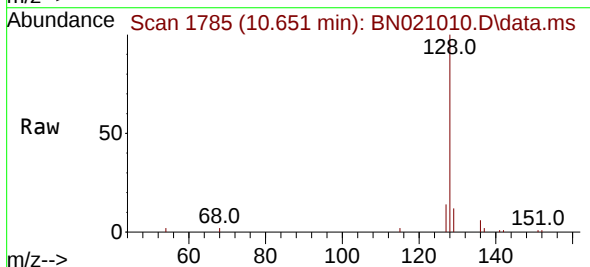
Instrument :
BNA_N
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SLCS642

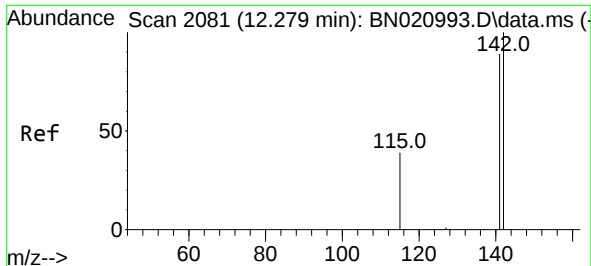
Tgt Ion: 88 Resp: 6532
Ion Ratio Lower Upper
88 100
43 35.6 31.4 47.0
58 81.2 49.0 73.6#



#5
Naphthalene
Concen: 0.338 ng/ul
RT: 10.651 min Scan# 1785
Delta R.T. 0.000 min
Lab File: BN021010.D
Acq: 05 Aug 2022 04:09

Tgt Ion: 128 Resp: 8773
Ion Ratio Lower Upper
128 100
129 12.0 9.8 14.6
127 13.8 11.6 17.4

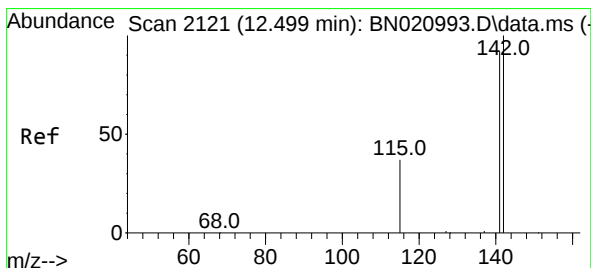
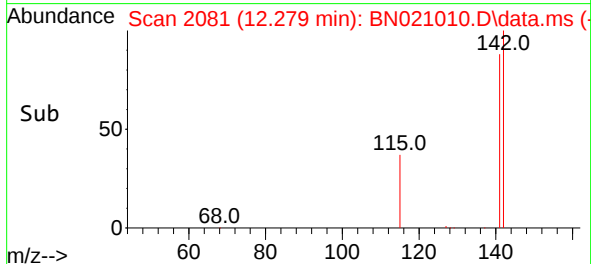
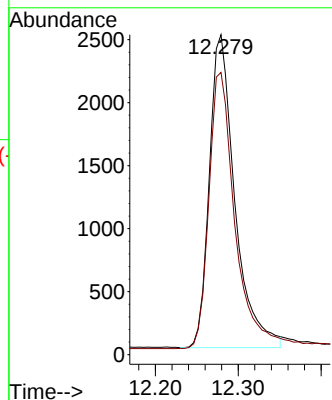
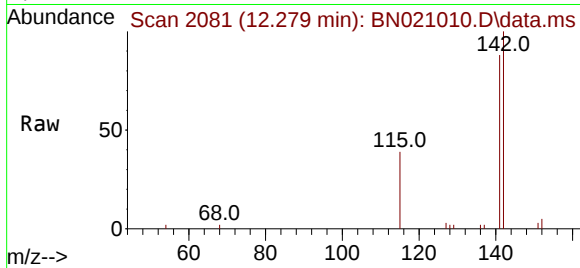




#7
2-Methylnaphthalene
Concen: 0.338 ng/ul
RT: 12.279 min Scan# 2081
Delta R.T. 0.000 min
Lab File: BN021010.D
Acq: 05 Aug 2022 04:09

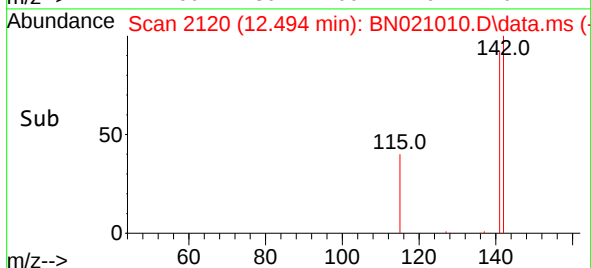
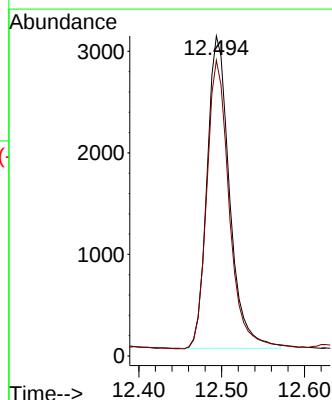
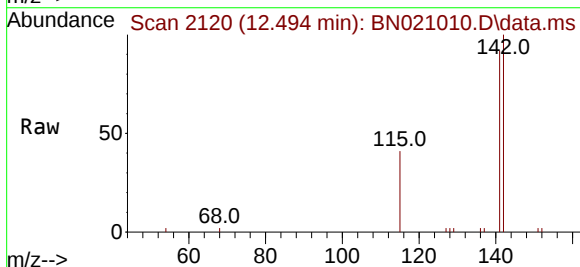
Instrument :
BNA_N
ClientSampleId :
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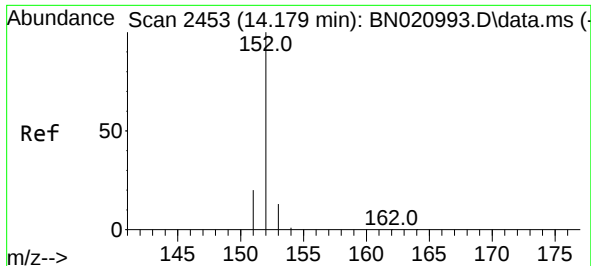
Tgt Ion:142 Resp: 5319
Ion Ratio Lower Upper
142 100
141 89.6 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.369 ng/ul
RT: 12.494 min Scan# 2120
Delta R.T. -0.005 min
Lab File: BN021010.D
Acq: 05 Aug 2022 04:09

Tgt Ion:142 Resp: 5809
Ion Ratio Lower Upper
142 100
141 92.3 73.9 110.9

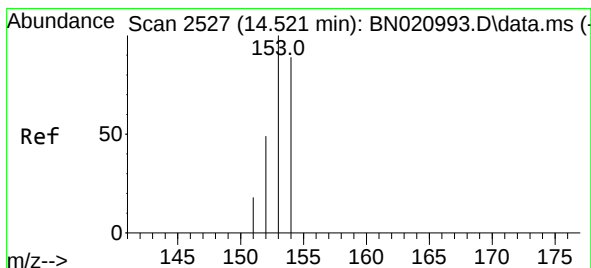
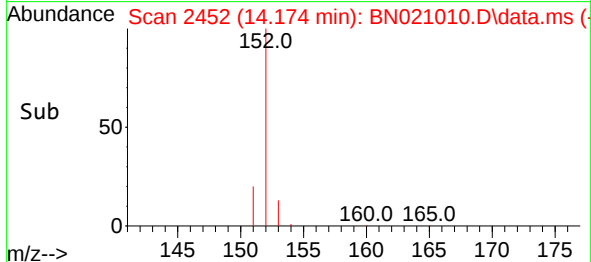
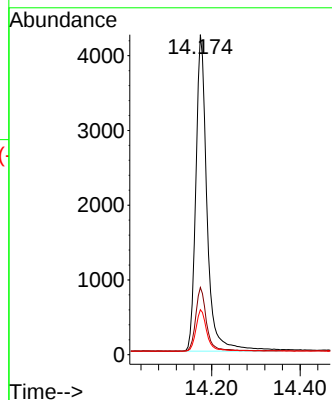
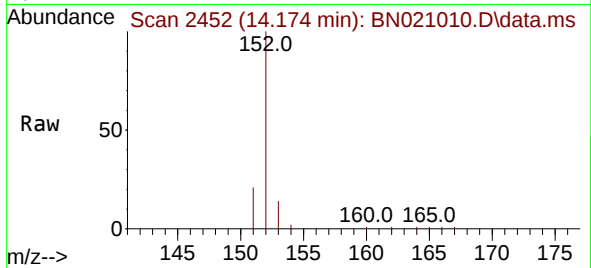




#10
Acenaphthylene
Concen: 0.335 ng/ul
RT: 14.174 min Scan# 2452
Delta R.T. -0.004 min
Lab File: BN021010.D
Acq: 05 Aug 2022 04:09

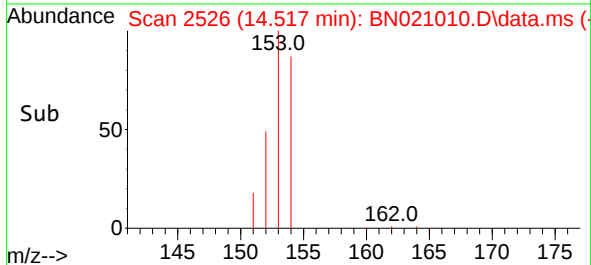
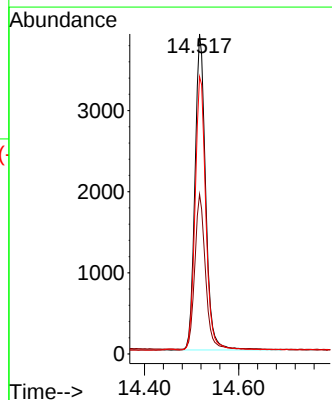
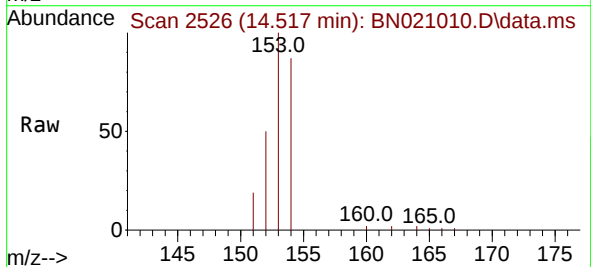
Instrument :
BNA_N
ClientSampleId :
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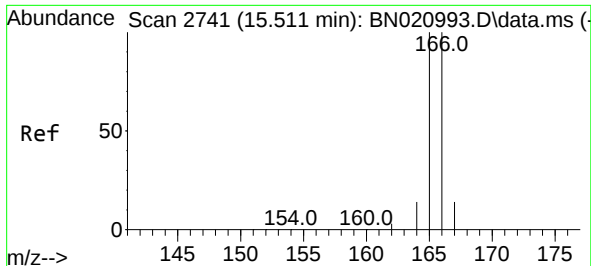
Tgt Ion:152 Resp: 7443
Ion Ratio Lower Upper
152 100
151 21.0 16.9 25.3
153 14.1 11.2 16.8



#11
Acenaphthene
Concen: 0.334 ng/ul
RT: 14.517 min Scan# 2526
Delta R.T. -0.004 min
Lab File: BN021010.D
Acq: 05 Aug 2022 04:09

Tgt Ion:153 Resp: 6147
Ion Ratio Lower Upper
153 100
152 49.9 40.2 60.4
154 86.7 70.7 106.1

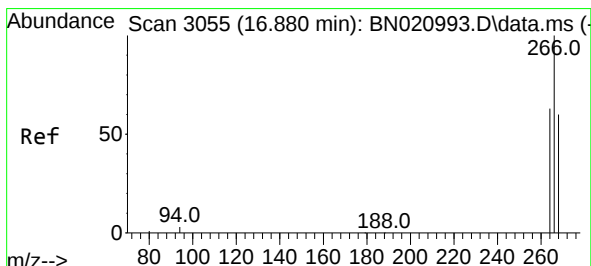
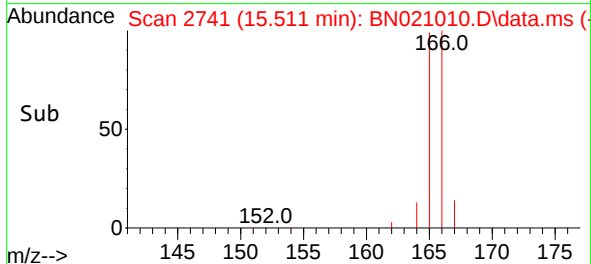
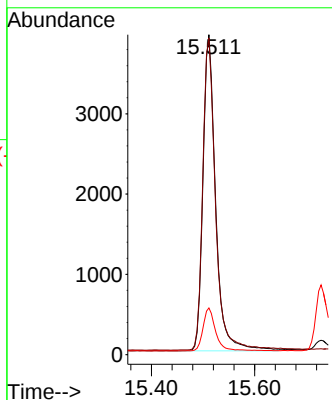
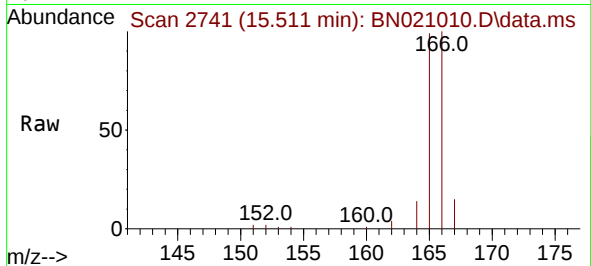




#12
Fluorene
Concen: 0.333 ng/ul
RT: 15.511 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN021010.D
Acq: 05 Aug 2022 04:09

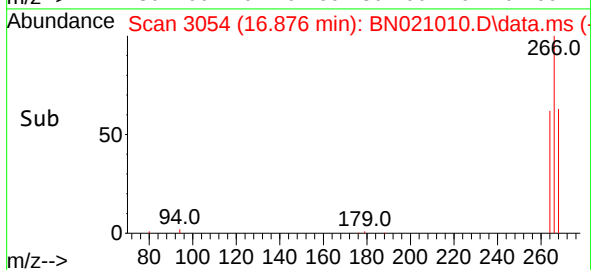
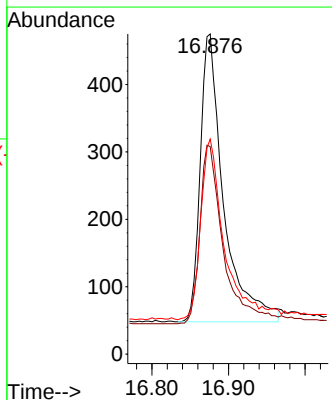
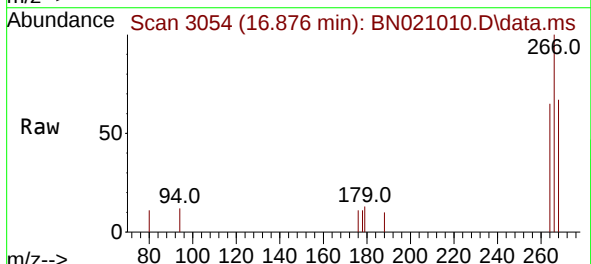
Instrument :
BNA_N
ClientSampleId :
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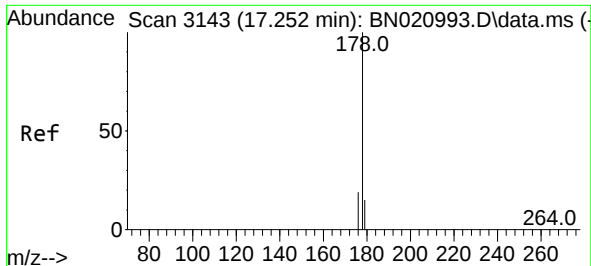
Tgt Ion:166 Resp: 6697
Ion Ratio Lower Upper
166 100
165 99.0 78.6 117.8
167 14.6 11.8 17.6



#14
Pentachlorophenol
Concen: 0.638 ng/ul
RT: 16.876 min Scan# 3054
Delta R.T. -0.004 min
Lab File: BN021010.D
Acq: 05 Aug 2022 04:09

Tgt Ion:266 Resp: 904
Ion Ratio Lower Upper
266 100
264 62.8 49.8 74.8
268 64.4 50.6 75.8

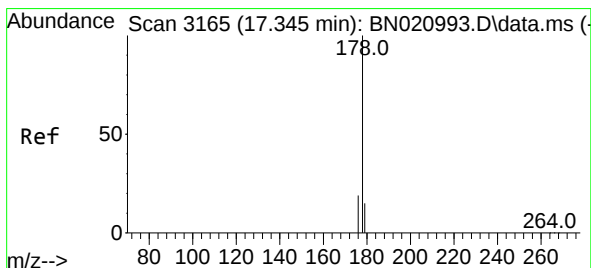
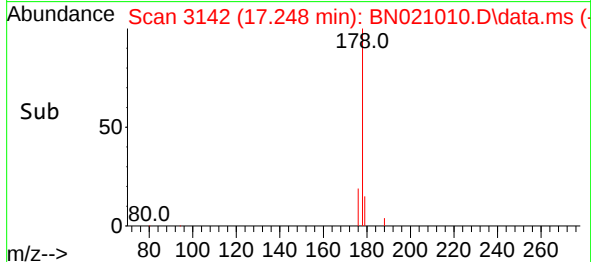
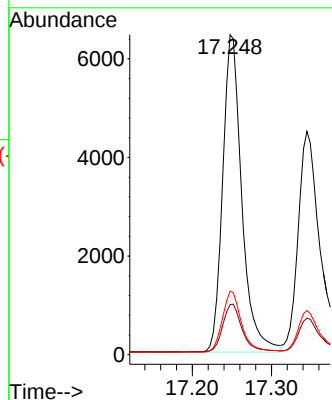
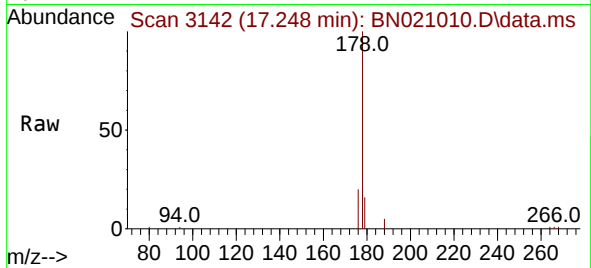




#15
Phenanthrene
Concen: 0.329 ng/ul
RT: 17.248 min Scan# 3142
Delta R.T. -0.004 min
Lab File: BN021010.D
Acq: 05 Aug 2022 04:09

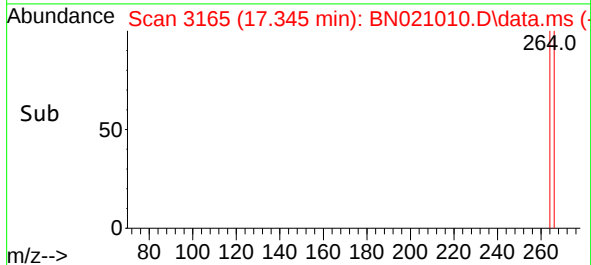
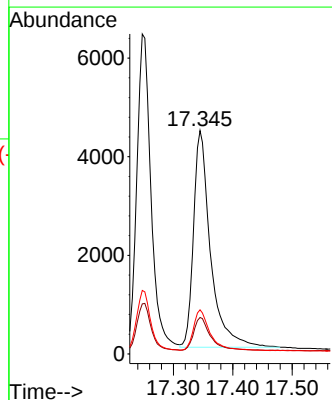
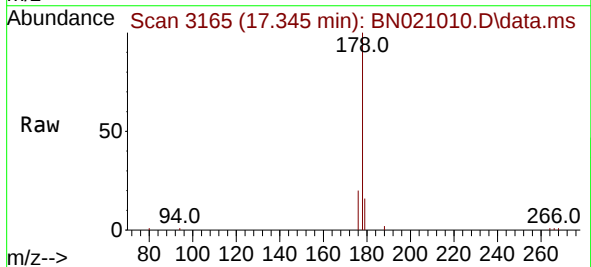
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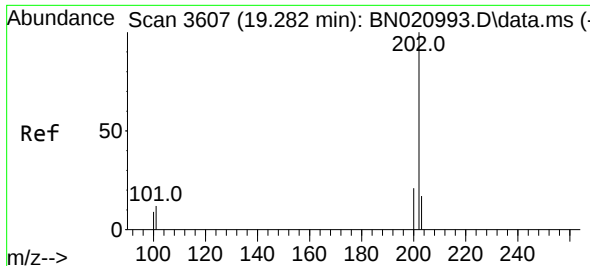
Tgt Ion:178 Resp: 10831
Ion Ratio Lower Upper
178 100
179 15.6 12.8 19.2
176 19.9 15.9 23.9



#16
Anthracene
Concen: 0.344 ng/ul
RT: 17.345 min Scan# 3165
Delta R.T. -0.004 min
Lab File: BN021010.D
Acq: 05 Aug 2022 04:09

Tgt Ion:178 Resp: 8753
Ion Ratio Lower Upper
178 100
179 16.3 12.9 19.3
176 19.8 15.9 23.9

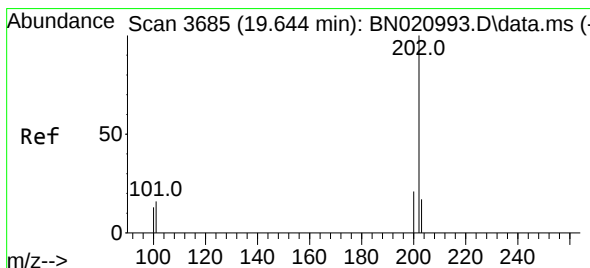
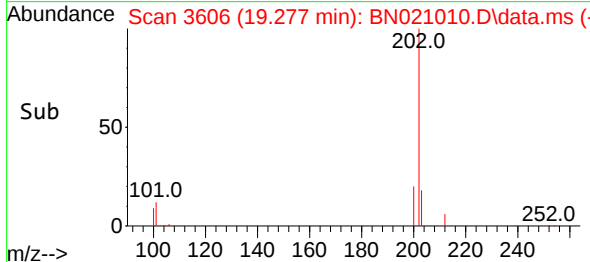
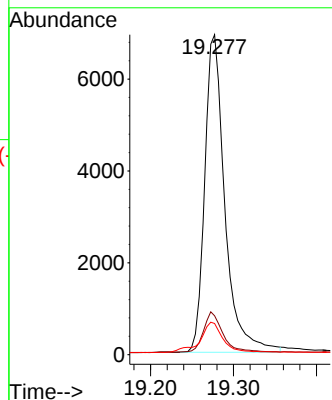
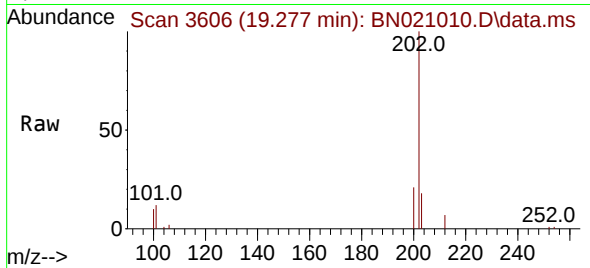




#19
Fluoranthene
Concen: 0.353 ng/ul
RT: 19.277 min Scan# 3606
Delta R.T. -0.004 min
Lab File: BN021010.D
Acq: 05 Aug 2022 04:09

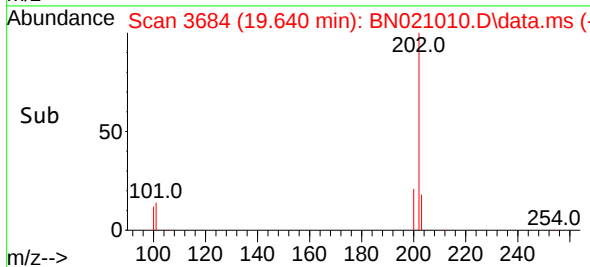
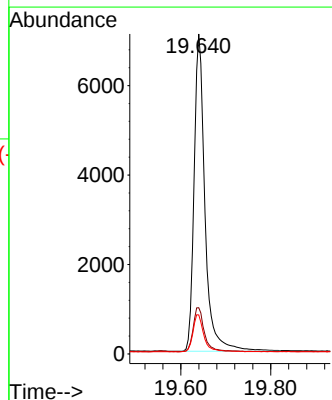
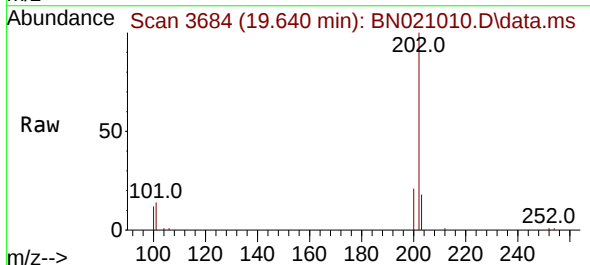
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BNA_N
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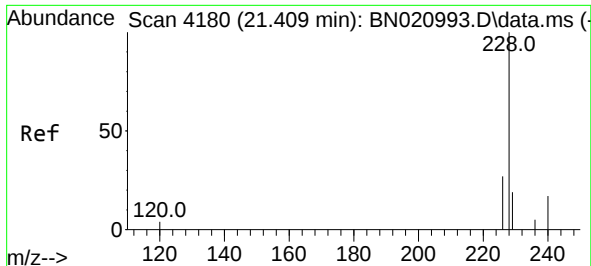
Tgt Ion:202 Resp: 11685
Ion Ratio Lower Upper
202 100
101 12.1 10.0 15.0
100 9.8 8.0 12.0



#20
Pyrene
Concen: 0.351 ng/ul
RT: 19.640 min Scan# 3684
Delta R.T. -0.004 min
Lab File: BN021010.D
Acq: 05 Aug 2022 04:09

Tgt Ion:202 Resp: 11965
Ion Ratio Lower Upper
202 100
101 14.5 11.3 16.9
100 12.2 9.0 13.4

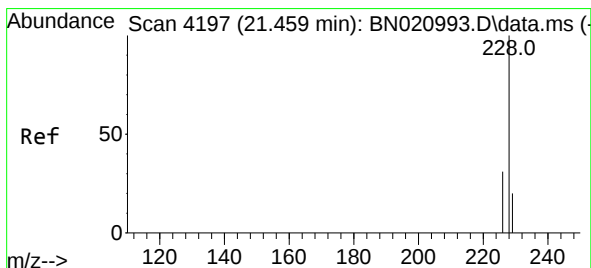
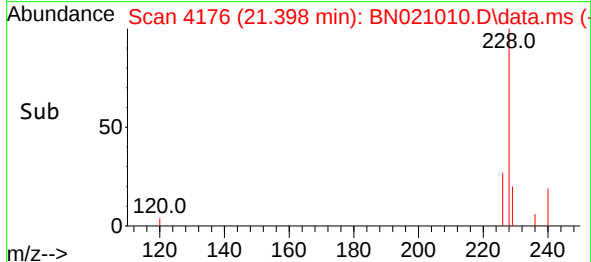
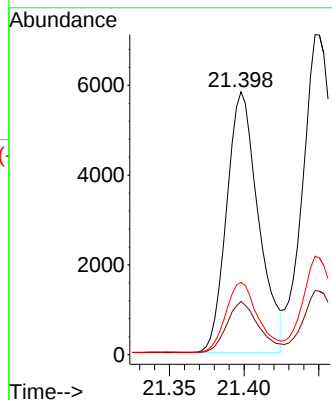
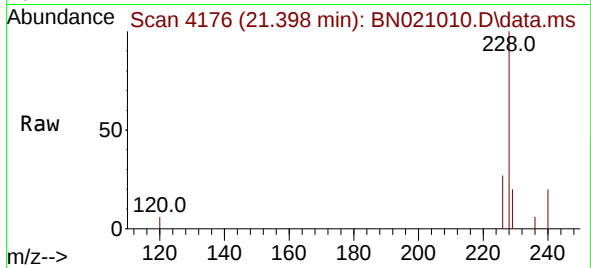




#21
Benzo(a)anthracene
Concen: 0.353 ng/ul
RT: 21.398 min Scan# 4180
Delta R.T. -0.009 min
Lab File: BN021010.D
Acq: 05 Aug 2022 04:09

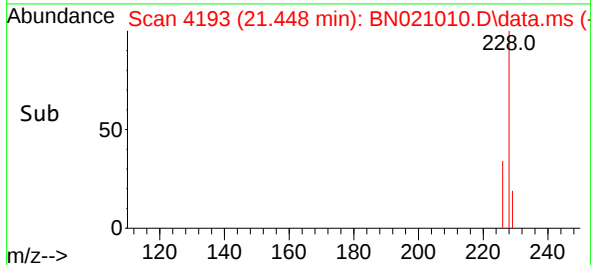
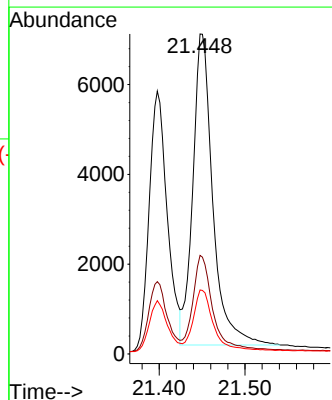
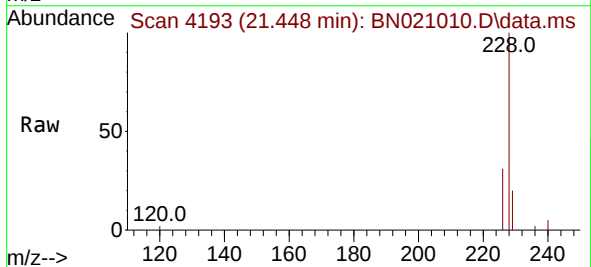
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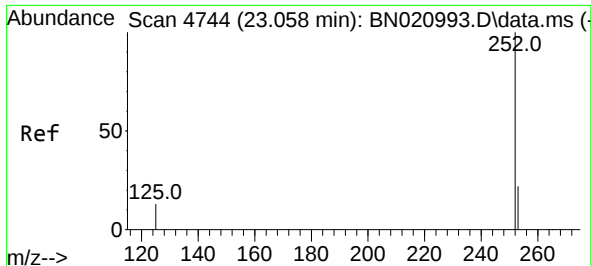
Tgt Ion:228 Resp: 8609
Ion Ratio Lower Upper
228 100
229 20.2 16.0 24.0
226 27.5 21.9 32.9



#22
Chrysene
Concen: 0.349 ng/ul
RT: 21.448 min Scan# 4193
Delta R.T. -0.012 min
Lab File: BN021010.D
Acq: 05 Aug 2022 04:09

Tgt Ion:228 Resp: 11216
Ion Ratio Lower Upper
228 100
226 30.8 24.6 37.0
229 20.0 15.8 23.8

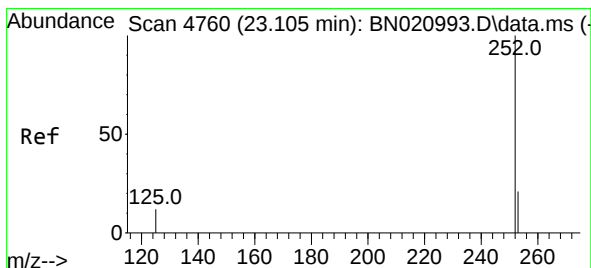
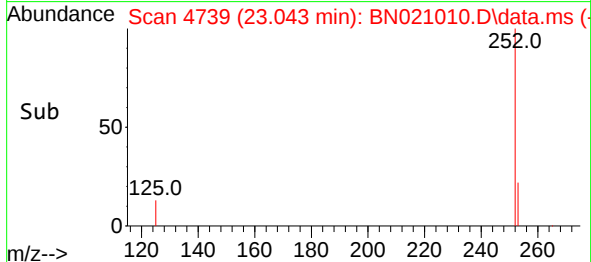
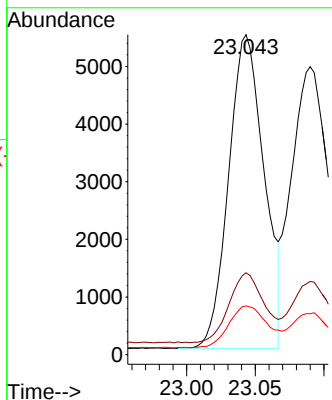
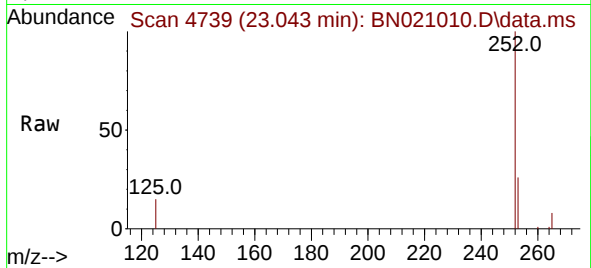




#24
Benzo(b)fluoranthene
Concen: 0.347 ng/ul
RT: 23.043 min Scan# 4739
Delta R.T. -0.009 min
Lab File: BN021010.D
Acq: 05 Aug 2022 04:09

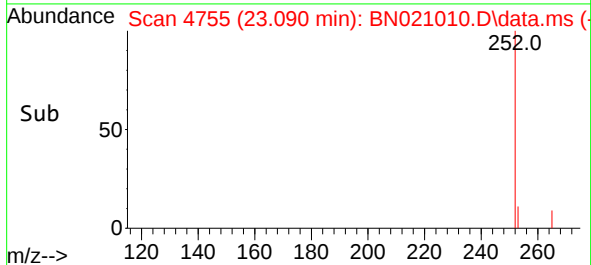
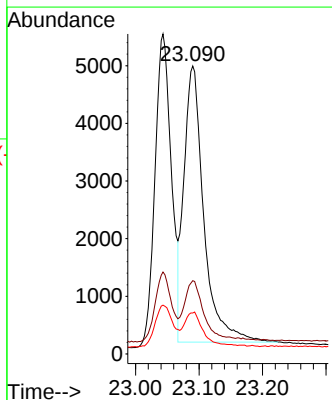
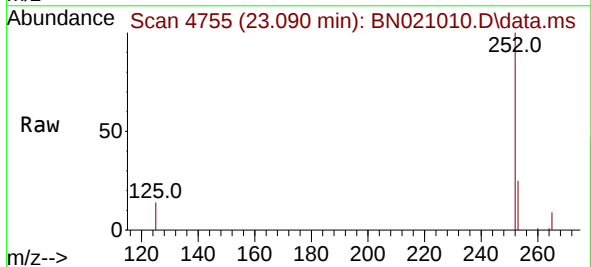
Instrument :
BNA_N
ClientSampleId :
SLCS642

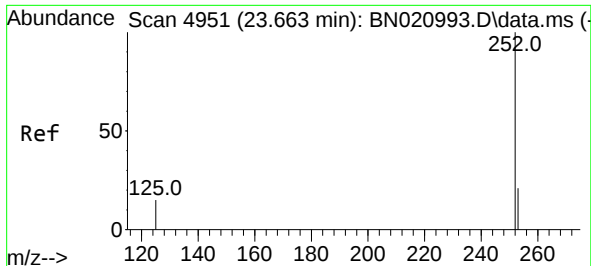
Tgt Ion:252	Resp:	9820
Ion Ratio	Lower	Upper
252	100	
253	25.6	0.0 50.8
125	15.2	0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.349 ng/ul
RT: 23.090 min Scan# 4755
Delta R.T. -0.009 min
Lab File: BN021010.D
Acq: 05 Aug 2022 04:09

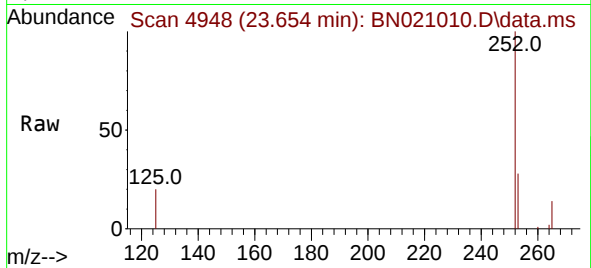
Tgt Ion:252	Resp:	10428
Ion Ratio	Lower	Upper
252	100	
253	25.5	20.6 31.0
125	14.2	11.8 17.6



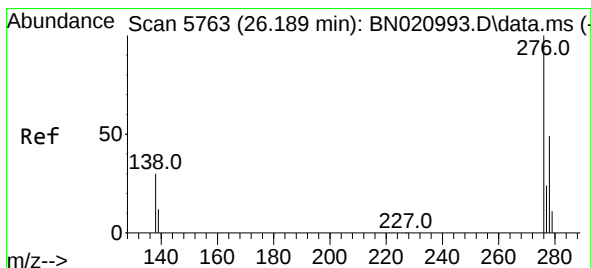
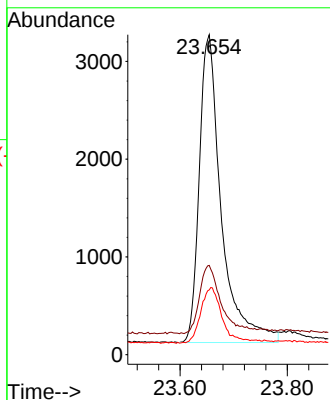
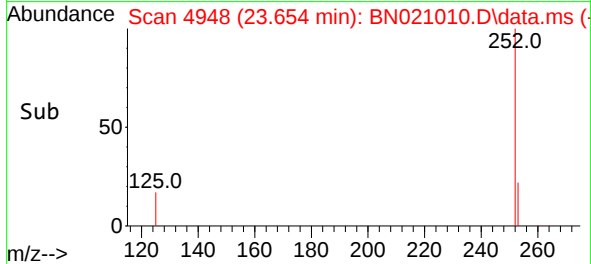


#26
Benzo(a)pyrene
Concen: 0.348 ng/ul
RT: 23.654 min Scan# 4948
Delta R.T. -0.006 min
Lab File: BN021010.D
Acq: 05 Aug 2022 04:09

Instrument :
BNA_N
ClientSampleId :
SLCS642

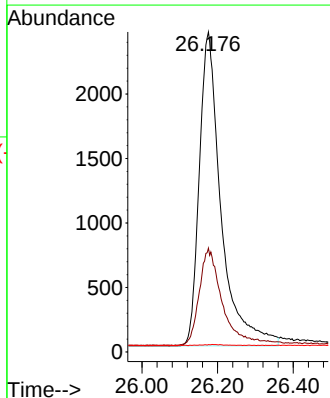
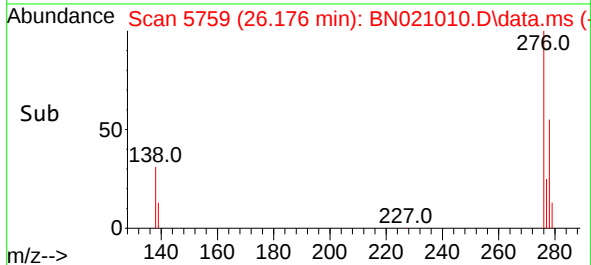
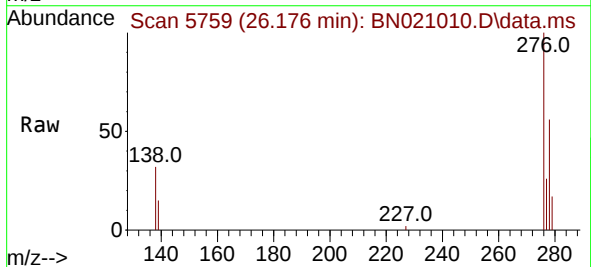


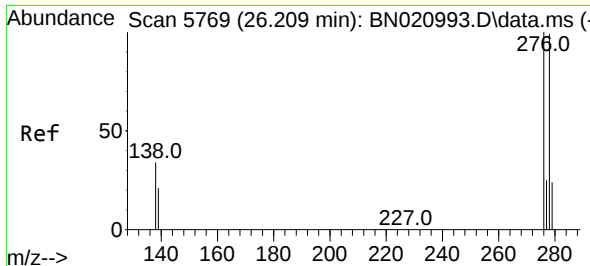
Tgt Ion:252 Resp: 8994
Ion Ratio Lower Upper
252 100
253 27.9 22.1 33.1
125 20.3 14.7 22.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.315 ng/ul
RT: 26.176 min Scan# 5759
Delta R.T. -0.010 min
Lab File: BN021010.D
Acq: 05 Aug 2022 04:09

Tgt Ion:276 Resp: 9718
Ion Ratio Lower Upper
276 100
138 33.2 26.1 39.1
227 0.2 0.1 0.1#

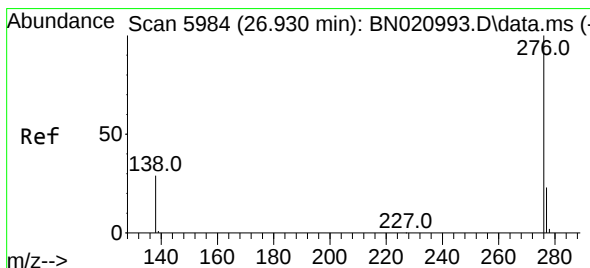
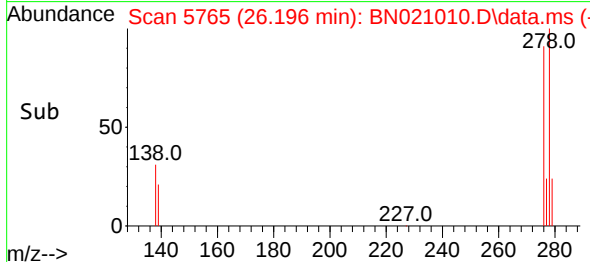
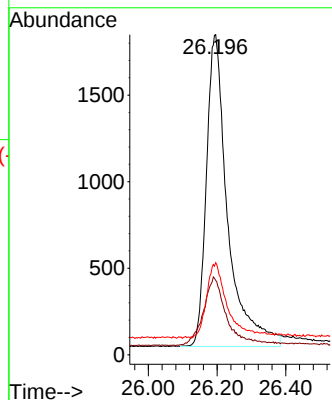
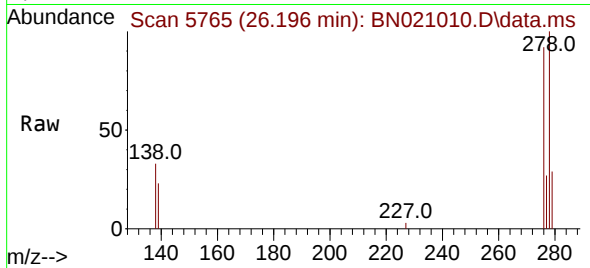




#28
Dibenzo(a,h)anthracene
Concen: 0.318 ng/ul
RT: 26.196 min Scan# 51
Delta R.T. -0.013 min
Lab File: BN021010.D
Acq: 05 Aug 2022 04:09

Instrument :
BNA_N
ClientSampleId :
SLCS642

Tgt Ion:278 Resp: 7758
Ion Ratio Lower Upper
278 100
139 23.2 18.3 27.5
279 28.8 23.9 35.9



#29
Benzo(g,h,i)perylene
Concen: 0.316 ng/ul
RT: 26.910 min Scan# 5978
Delta R.T. -0.020 min
Lab File: BN021010.D
Acq: 05 Aug 2022 04:09

Tgt Ion:276 Resp: 8688
Ion Ratio Lower Upper
276 100
138 30.3 22.6 34.0
277 25.4 20.2 30.2

