

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081222\
 Data File : BN021194.D
 Acq On : 13 Aug 2022 03:40
 Operator : CG/JU
 Sample : PB146952BS
 Misc :
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS952

Quant Time: Aug 13 04:09:59 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 : Sat Aug 13 04:02:44 2022
 Response via : Initial Calibration

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

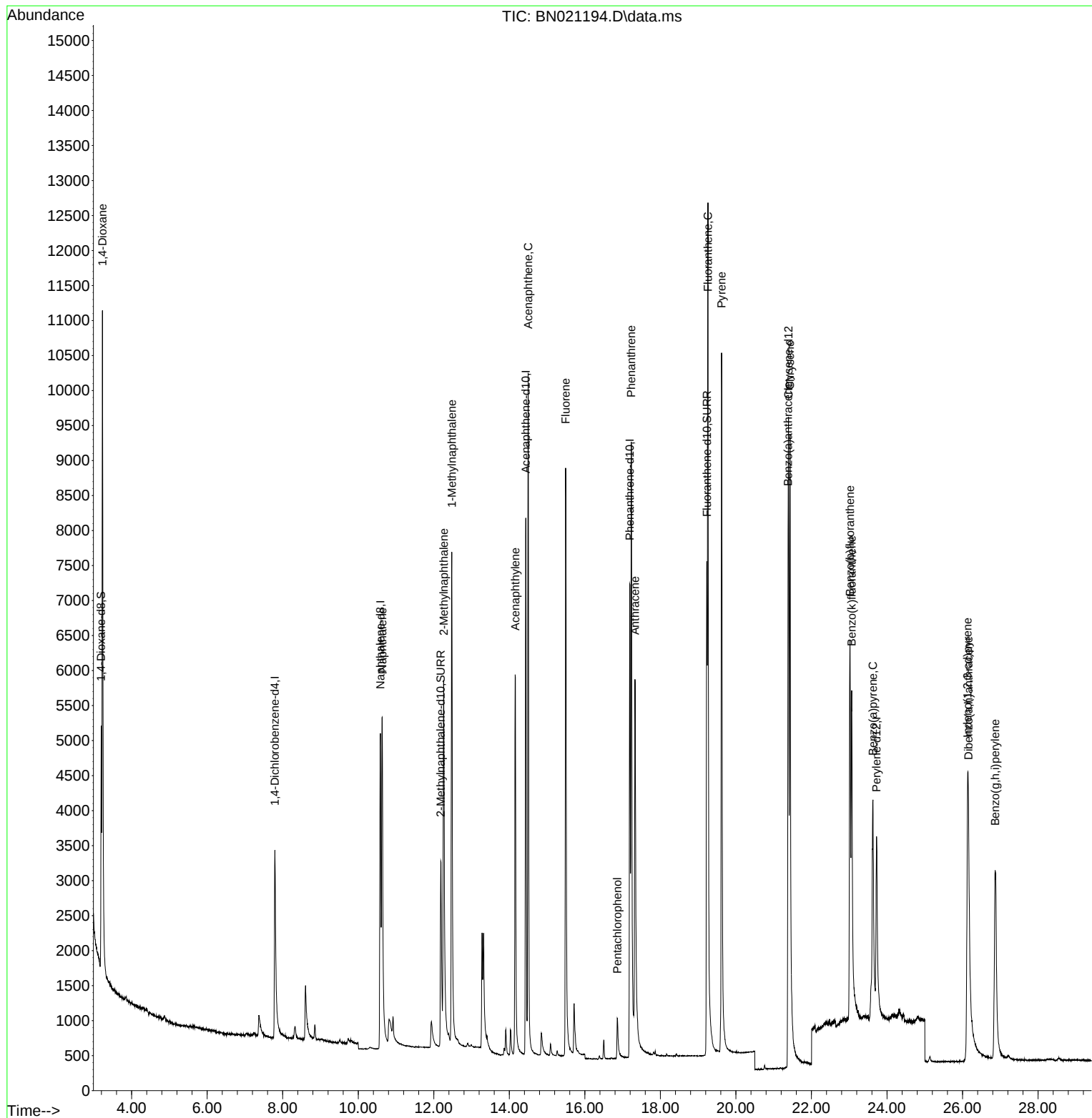
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	2360	0.400	ng/ul	0.00
4) Naphthalene-d8	10.585	136	8063	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.438	164	4746	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.193	188	9395	0.400	ng/ul	0.00
17) Chrysene-d12	21.395	240	6478	0.400	ng/ul	0.00
23) Perylene-d12	23.724	264	4294	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.194	96	2312	0.766	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.185	152	4891	0.414	ng/ul	0.00
18) Fluoranthene-d10	19.231	212	9699	0.485	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.227	88	6040	1.942	ng/ul	87
5) Naphthalene	10.635	128	8573	0.346	ng/ul	99
7) 2-Methylnaphthalene	12.262	142	5343	0.356	ng/ul	100
8) 1-Methylnaphthalene	12.477	142	5952	0.396	ng/ul	100
10) Acenaphthylene	14.156	152	7719	0.348	ng/ul	99
11) Acenaphthene	14.498	153	6411	0.349	ng/ul	99
12) Fluorene	15.493	166	6767	0.337	ng/ul	100
14) Pentachlorophenol	16.859	266	628	0.433	ng/ul	99
15) Phenanthrene	17.231	178	11270	0.335	ng/ul	100
16) Anthracene	17.328	178	8917	0.342	ng/ul	100
19) Fluoranthene	19.258	202	12032	0.420	ng/ul	99
20) Pyrene	19.621	202	11105	0.375	ng/ul	97
21) Benzo(a)anthracene	21.380	228	7213	0.341	ng/ul	99
22) Chrysene	21.433	228	9864	0.354	ng/ul	99
24) Benzo(b)fluoranthene	23.020	252	8243	0.415	ng/ul	96
25) Benzo(k)fluoranthene	23.066	252	8002	0.381	ng/ul	98
26) Benzo(a)pyrene	23.628	252	6677	0.368	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.135	276	7672	0.354	ng/ul	100
28) Dibenzo(a,h)anthracene	26.159	278	5992	0.350	ng/ul	97
29) Benzo(g,h,i)perylene	26.863	276	7412	0.384	ng/ul	97

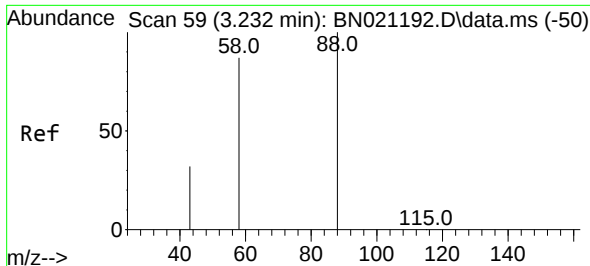
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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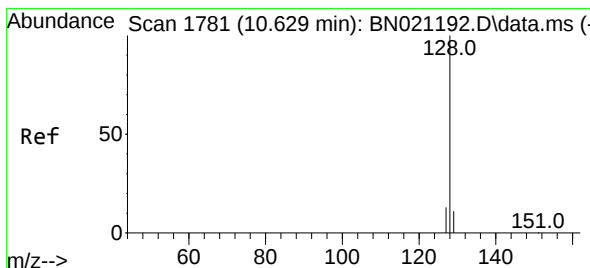
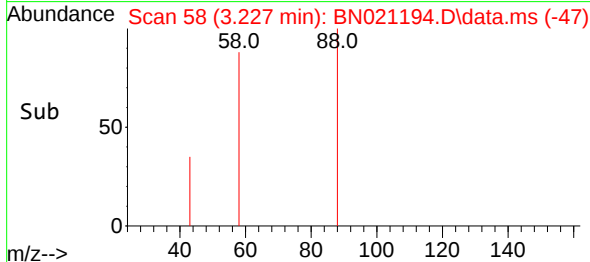
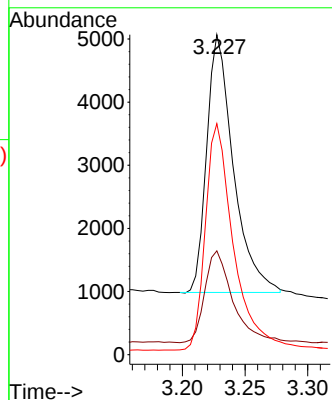
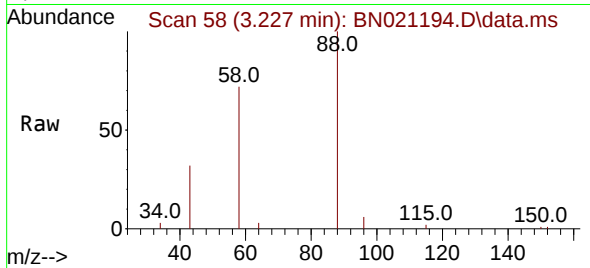




#2
1,4-Dioxane
Concen: 1.942 ng/ul
RT: 3.227 min Scan# 51
Delta R.T. -0.004 min
Lab File: BN021194.D
Acq: 13 Aug 2022 03:40

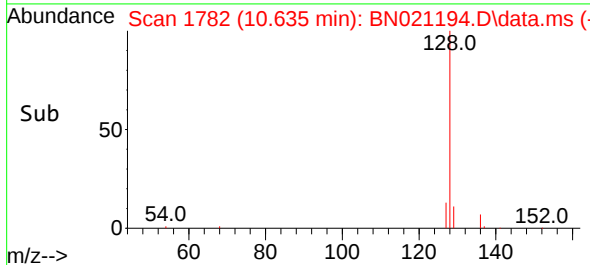
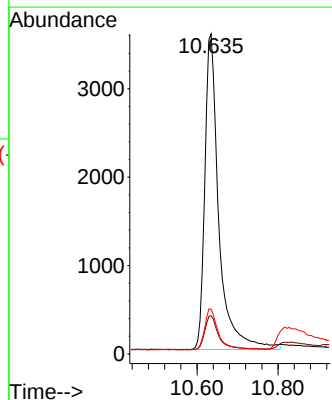
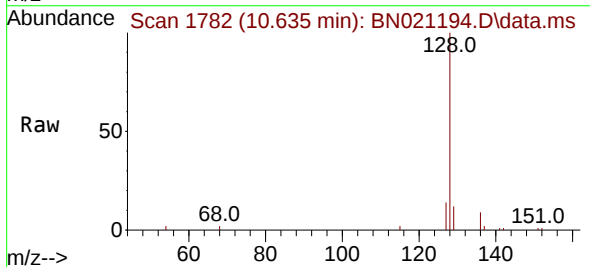
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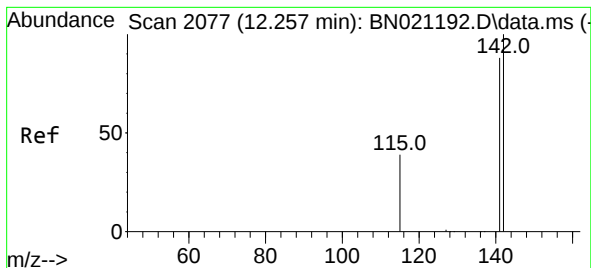
Tgt Ion: 88 Resp: 6040
Ion Ratio Lower Upper
88 100
43 32.4 31.4 47.0
58 72.2 49.0 73.6



#5
Naphthalene
Concen: 0.346 ng/ul
RT: 10.635 min Scan# 1782
Delta R.T. 0.005 min
Lab File: BN021194.D
Acq: 13 Aug 2022 03:40

Tgt Ion:128 Resp: 8573
Ion Ratio Lower Upper
128 100
129 12.0 9.8 14.6
127 14.0 11.6 17.4

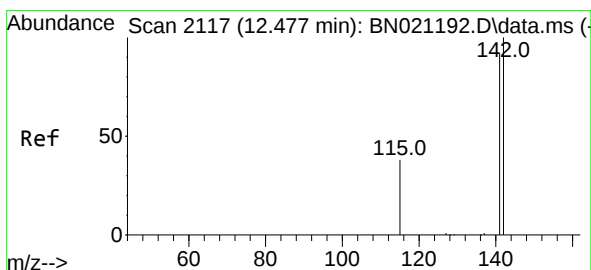
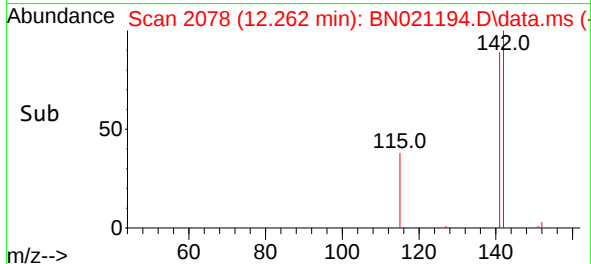
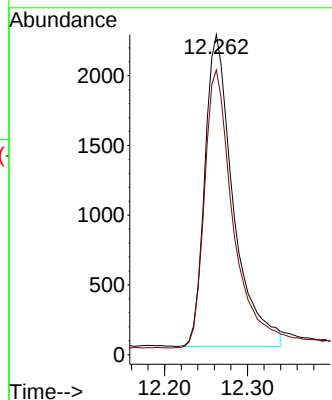
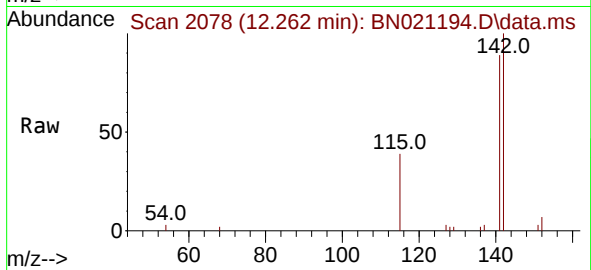




#7
2-Methylnaphthalene
Concen: 0.356 ng/ul
RT: 12.262 min Scan# 2077
Delta R.T. 0.005 min
Lab File: BN021194.D
Acq: 13 Aug 2022 03:40

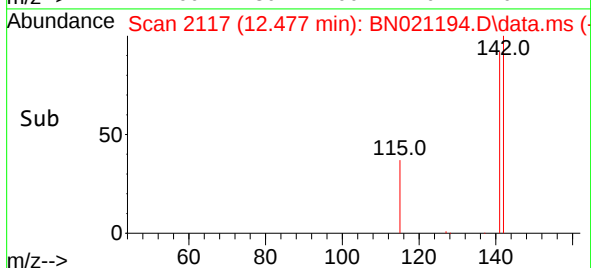
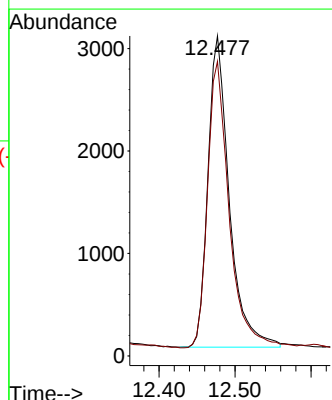
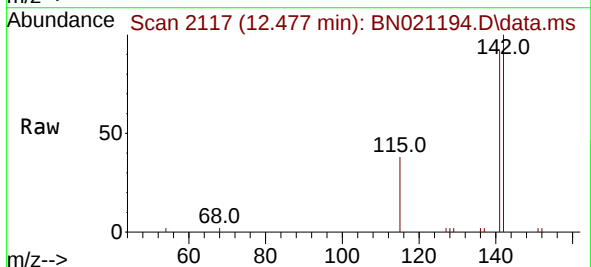
Instrument :
BNA_N
ClientSampleId :
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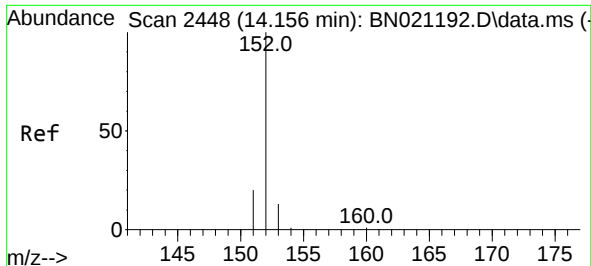
Tgt Ion:142 Resp: 5343
Ion Ratio Lower Upper
142 100
141 90.1 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.396 ng/ul
RT: 12.477 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BN021194.D
Acq: 13 Aug 2022 03:40

Tgt Ion:142 Resp: 5952
Ion Ratio Lower Upper
142 100
141 92.7 73.9 110.9

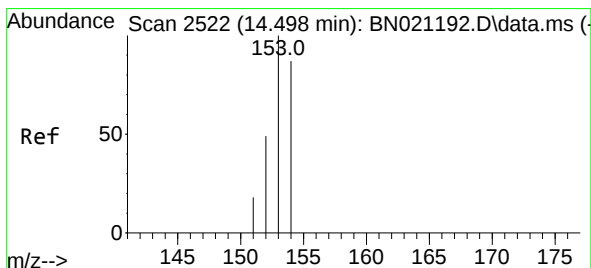
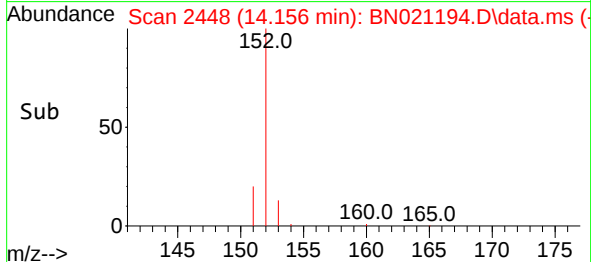
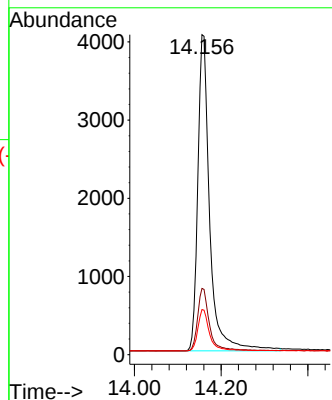
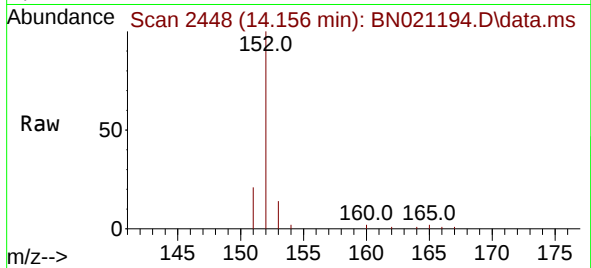




#10
Acenaphthylene
Concen: 0.348 ng/ul
RT: 14.156 min Scan# 2448
Delta R.T. -0.000 min
Lab File: BN021194.D
Acq: 13 Aug 2022 03:40

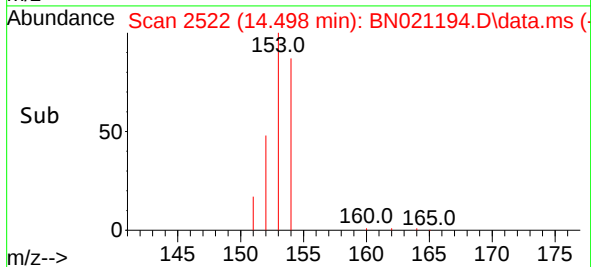
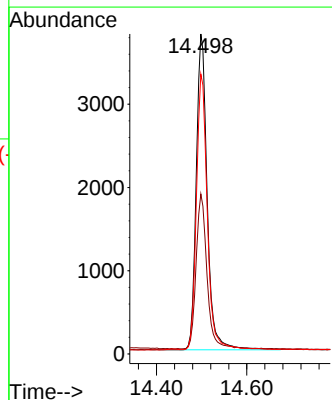
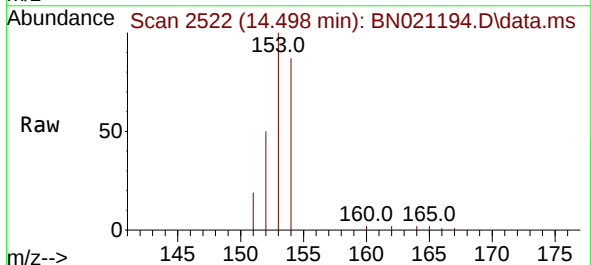
Instrument :
BNA_N
ClientSampleId :
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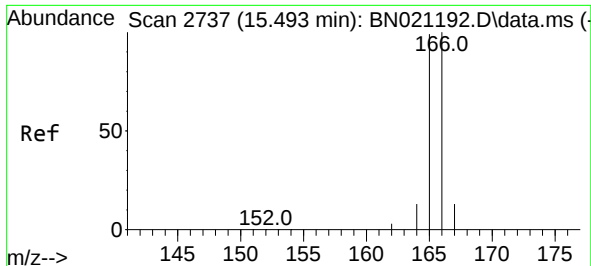
Tgt Ion:152 Resp: 7719
Ion Ratio Lower Upper
152 100
151 20.7 16.9 25.3
153 14.1 11.2 16.8



#11
Acenaphthene
Concen: 0.349 ng/ul
RT: 14.498 min Scan# 2522
Delta R.T. -0.000 min
Lab File: BN021194.D
Acq: 13 Aug 2022 03:40

Tgt Ion:153 Resp: 6411
Ion Ratio Lower Upper
153 100
152 50.0 40.2 60.4
154 87.5 70.7 106.1

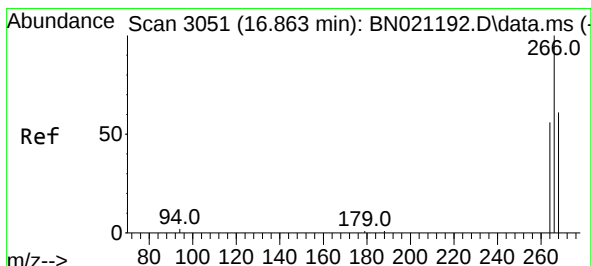
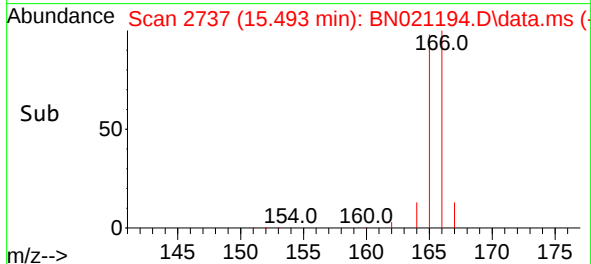
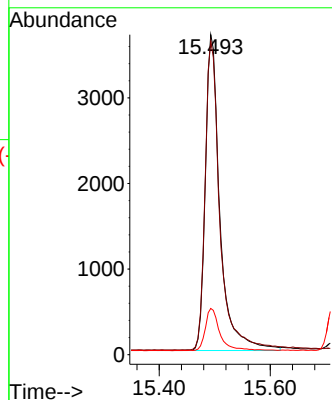
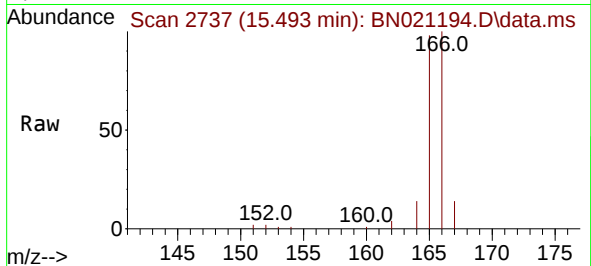




#12
 Fluorene
 Concen: 0.337 ng/ul
 RT: 15.493 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN021194.D
 Acq: 13 Aug 2022 03:40

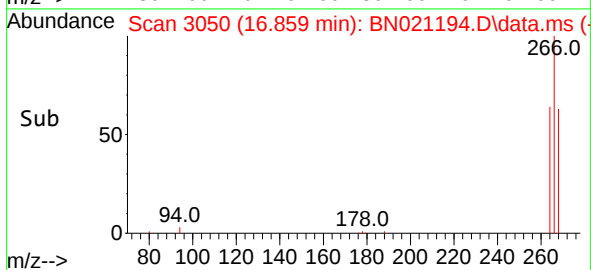
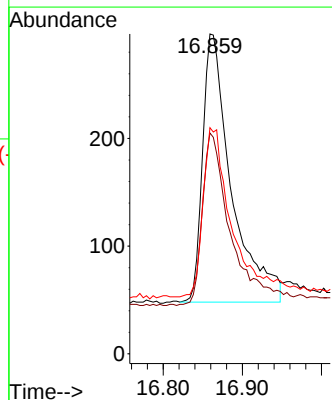
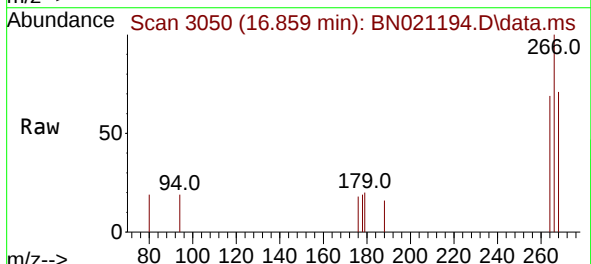
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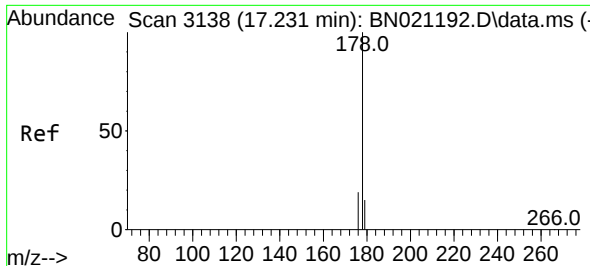
Tgt Ion:166 Resp: 6767
 Ion Ratio Lower Upper
 166 100
 165 98.0 78.6 117.8
 167 14.5 11.8 17.6



#14
 Pentachlorophenol
 Concen: 0.433 ng/ul
 RT: 16.859 min Scan# 3050
 Delta R.T. -0.004 min
 Lab File: BN021194.D
 Acq: 13 Aug 2022 03:40

Tgt Ion:266 Resp: 628
 Ion Ratio Lower Upper
 266 100
 264 63.4 49.8 74.8
 268 63.2 50.6 75.8

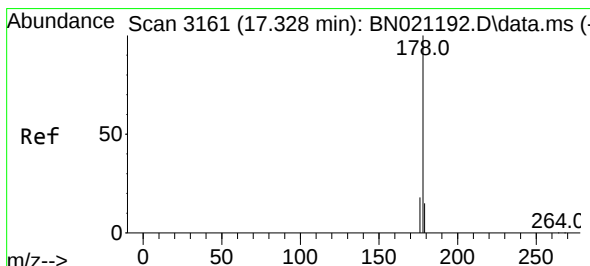
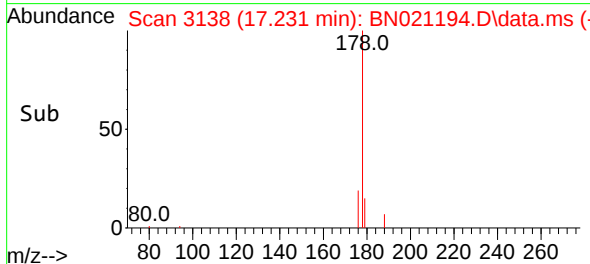
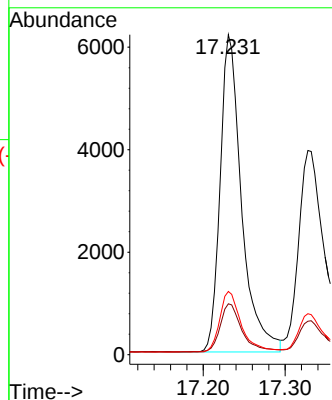
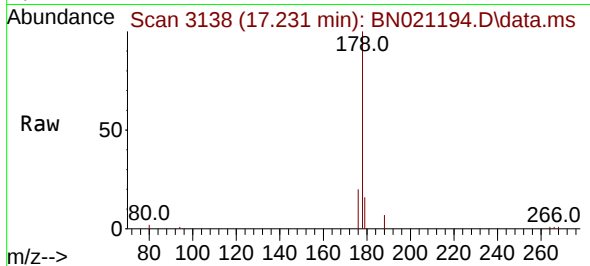




#15
Phenanthrene
Concen: 0.335 ng/ul
RT: 17.231 min Scan# 3138
Delta R.T. -0.000 min
Lab File: BN021194.D
Acq: 13 Aug 2022 03:40

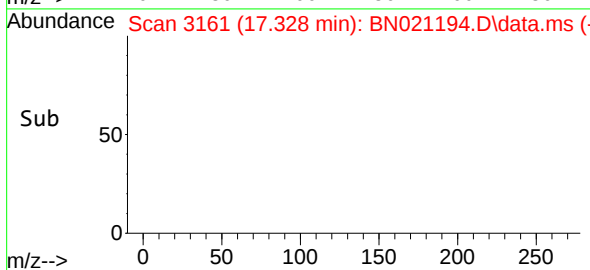
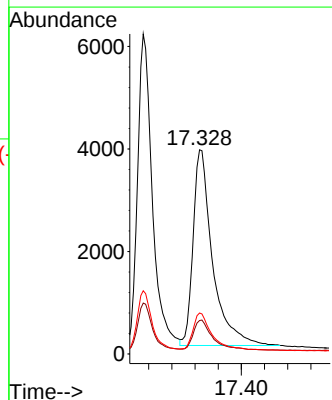
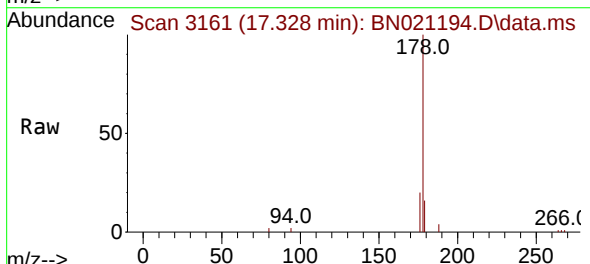
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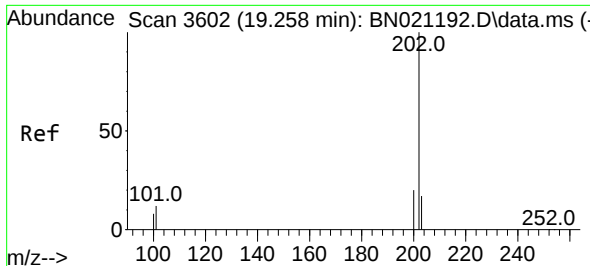
Tgt Ion:178 Resp: 11270
Ion Ratio Lower Upper
178 100
179 15.9 12.8 19.2
176 19.7 15.9 23.9



#16
Anthracene
Concen: 0.342 ng/ul
RT: 17.328 min Scan# 3161
Delta R.T. -0.000 min
Lab File: BN021194.D
Acq: 13 Aug 2022 03:40

Tgt Ion:178 Resp: 8917
Ion Ratio Lower Upper
178 100
179 16.4 12.9 19.3
176 20.1 15.9 23.9

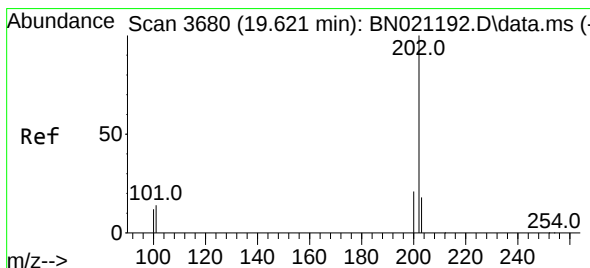
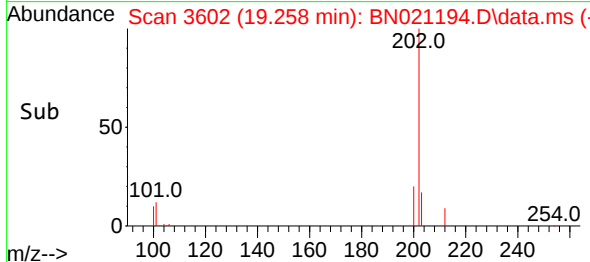
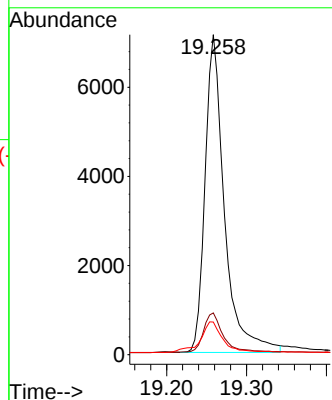
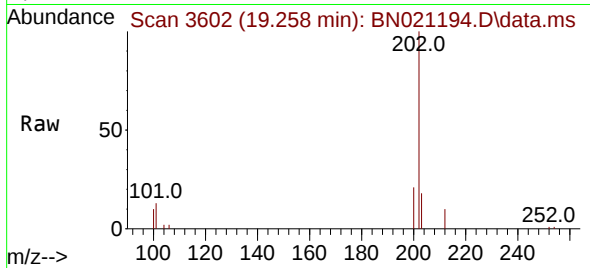




#19
Fluoranthene
Concen: 0.420 ng/ul
RT: 19.258 min Scan# 3602
Delta R.T. -0.000 min
Lab File: BN021194.D
Acq: 13 Aug 2022 03:40

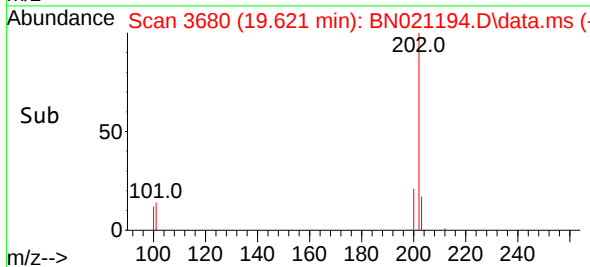
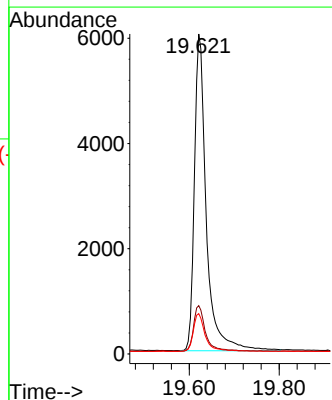
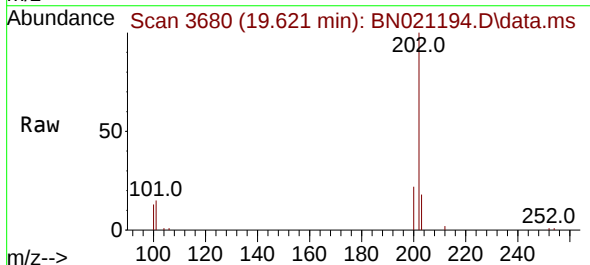
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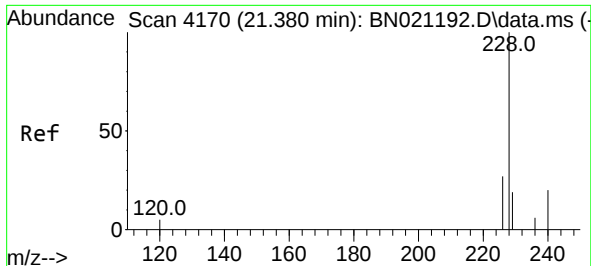
Tgt Ion:202 Resp: 12032
Ion Ratio Lower Upper
202 100
101 13.1 10.0 15.0
100 10.2 8.0 12.0



#20
Pyrene
Concen: 0.375 ng/ul
RT: 19.621 min Scan# 3680
Delta R.T. -0.000 min
Lab File: BN021194.D
Acq: 13 Aug 2022 03:40

Tgt Ion:202 Resp: 11105
Ion Ratio Lower Upper
202 100
101 15.1 11.3 16.9
100 12.6 9.0 13.4

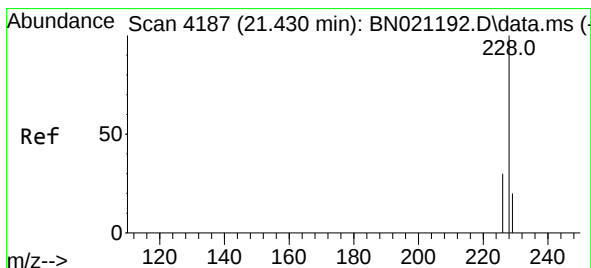
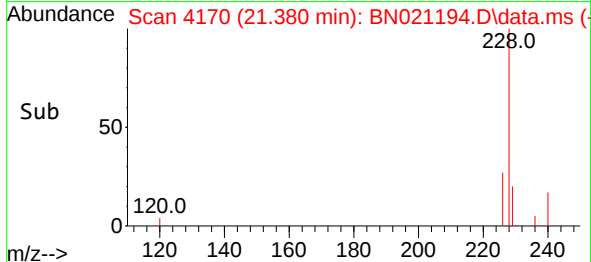
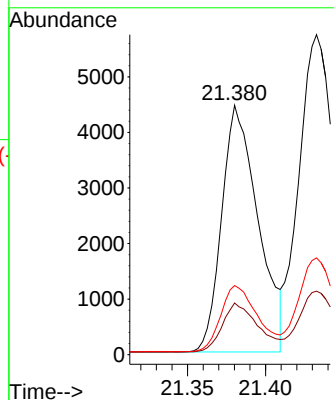
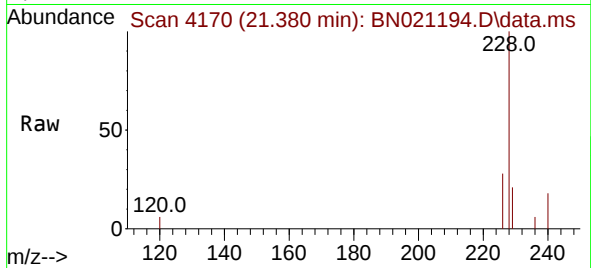




#21
Benzo(a)anthracene
Concen: 0.341 ng/ul
RT: 21.380 min Scan# 4170
Delta R.T. -0.000 min
Lab File: BN021194.D
Acq: 13 Aug 2022 03:40

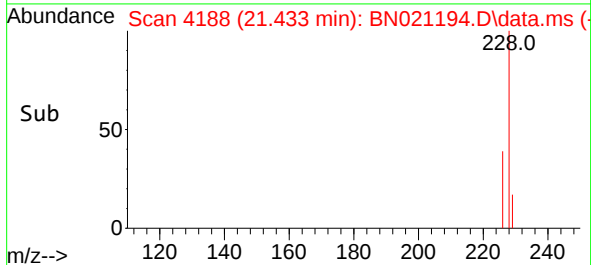
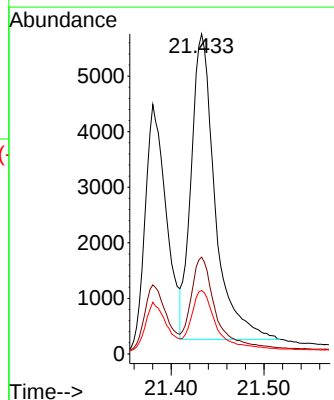
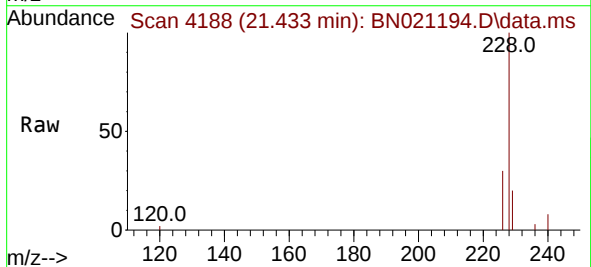
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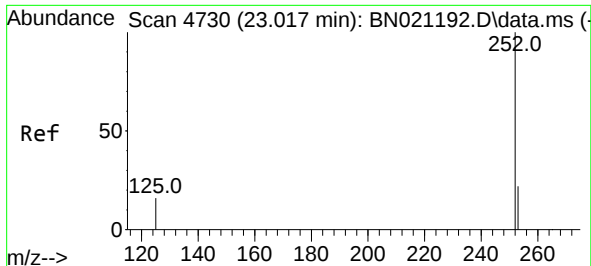
Tgt Ion:228 Resp: 7213
Ion Ratio Lower Upper
228 100
229 20.7 16.0 24.0
226 27.7 21.9 32.9



#22
Chrysene
Concen: 0.354 ng/ul
RT: 21.433 min Scan# 4188
Delta R.T. 0.003 min
Lab File: BN021194.D
Acq: 13 Aug 2022 03:40

Tgt Ion:228 Resp: 9864
Ion Ratio Lower Upper
228 100
226 30.2 24.6 37.0
229 19.8 15.8 23.8

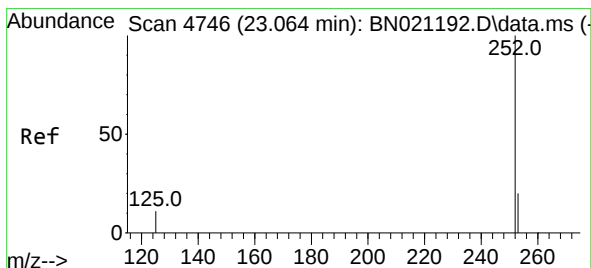
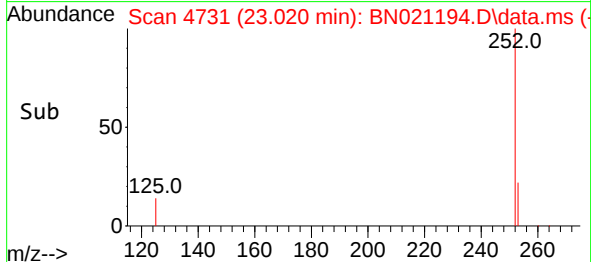
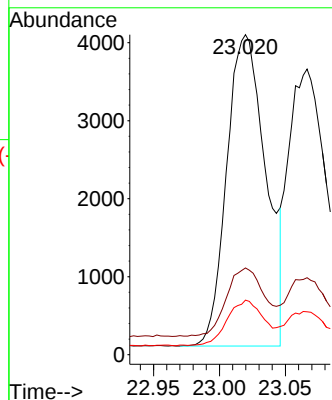
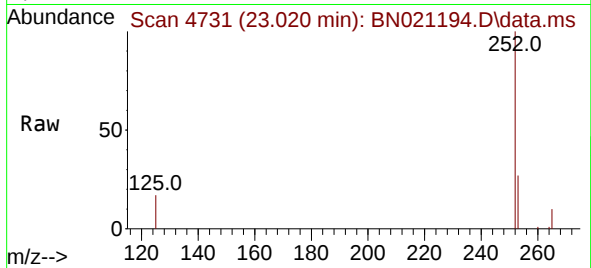




#24
Benzo(b)fluoranthene
Concen: 0.415 ng/ul
RT: 23.020 min Scan# 4731
Delta R.T. 0.003 min
Lab File: BN021194.D
Acq: 13 Aug 2022 03:40

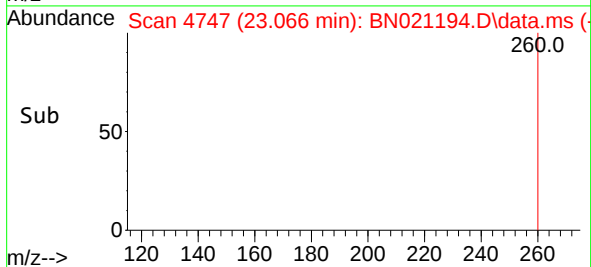
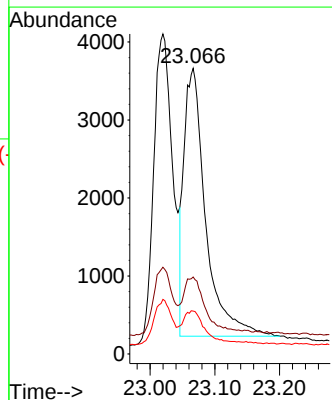
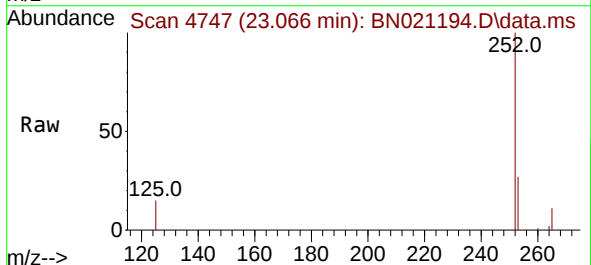
Instrument :
BNA_N
ClientSampleId :
SLCS952

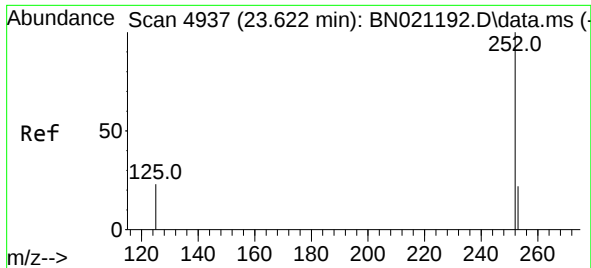
Tgt Ion:252 Resp: 8243
Ion Ratio Lower Upper
252 100
253 27.1 0.0 50.8
125 17.0 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.381 ng/ul
RT: 23.066 min Scan# 4747
Delta R.T. 0.003 min
Lab File: BN021194.D
Acq: 13 Aug 2022 03:40

Tgt Ion:252 Resp: 8002
Ion Ratio Lower Upper
252 100
253 26.9 20.6 31.0
125 15.0 11.8 17.6

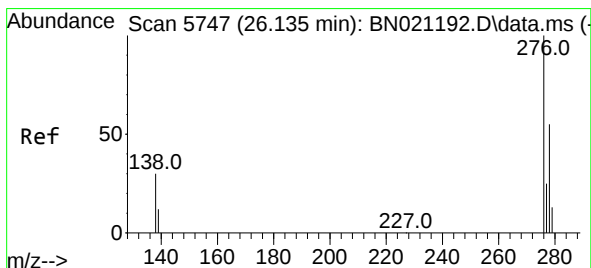
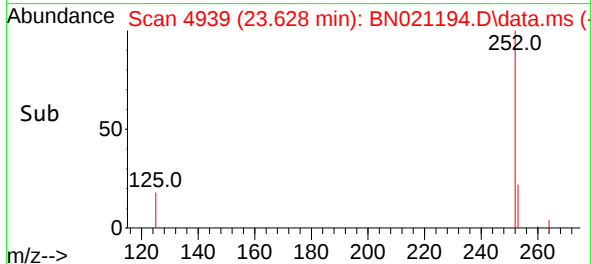
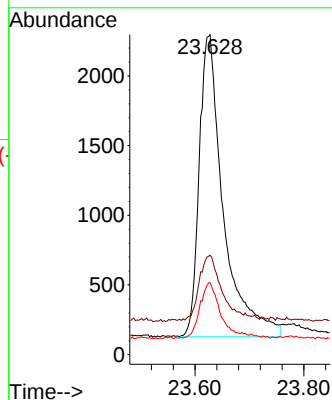
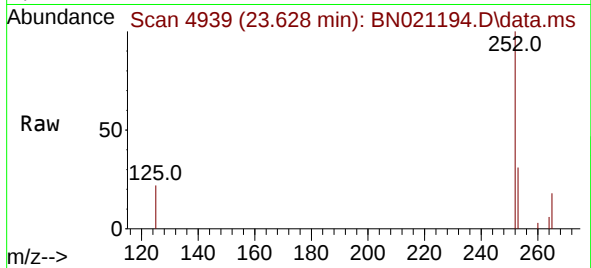




#26
Benzo(a)pyrene
Concen: 0.368 ng/ul
RT: 23.628 min Scan# 4939
Delta R.T. 0.006 min
Lab File: BN021194.D
Acq: 13 Aug 2022 03:40

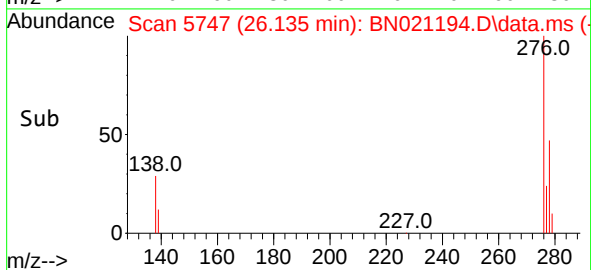
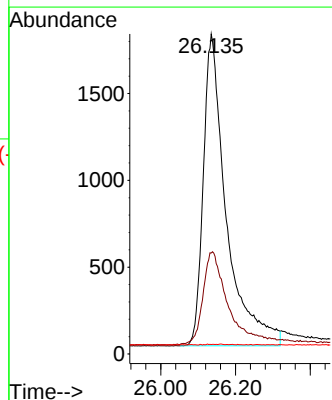
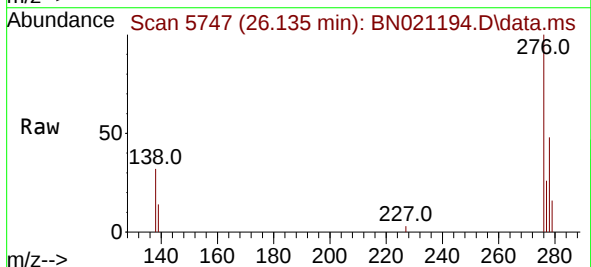
Instrument :
BNA_N
ClientSampleId :
SLCS952

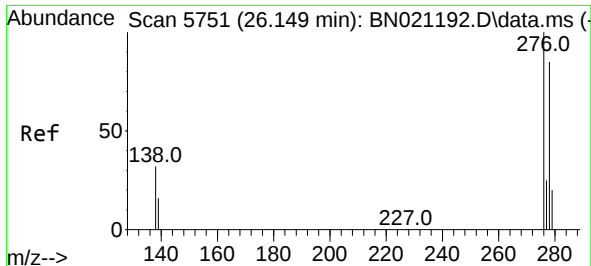
Tgt Ion:252 Resp: 6677
Ion Ratio Lower Upper
252 100
253 31.1 22.1 33.1
125 22.5 14.7 22.1#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.354 ng/ul
RT: 26.135 min Scan# 5747
Delta R.T. -0.000 min
Lab File: BN021194.D
Acq: 13 Aug 2022 03:40

Tgt Ion:276 Resp: 7672
Ion Ratio Lower Upper
276 100
138 32.7 26.1 39.1
227 0.1 0.1 0.1

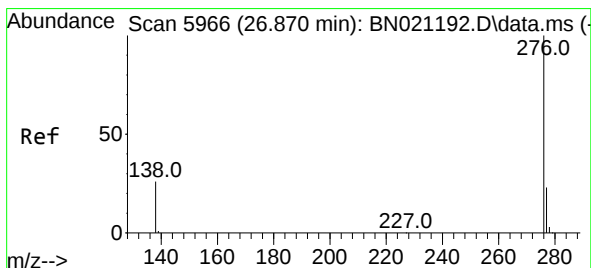
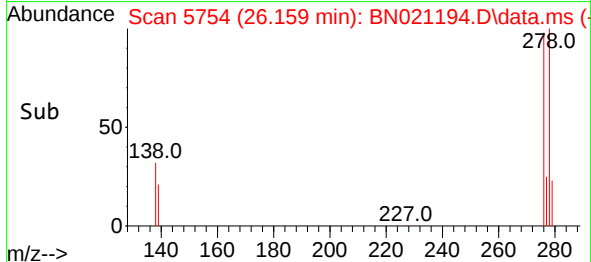
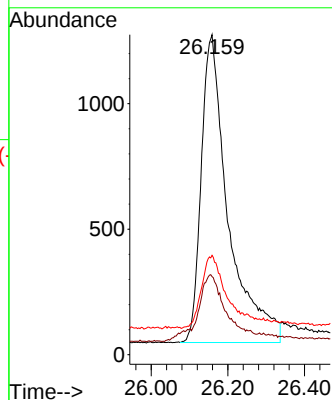
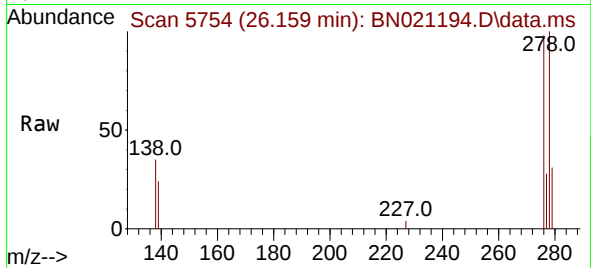




#28
Dibenzo(a,h)anthracene
Concen: 0.350 ng/ul
RT: 26.159 min Scan# 51
Delta R.T. 0.010 min
Lab File: BN021194.D
Acq: 13 Aug 2022 03:40

Instrument :
BNA_N
ClientSampleId :
SLCS952

Tgt Ion:278 Resp: 5992
Ion Ratio Lower Upper
278 100
139 24.4 18.3 27.5
279 31.1 23.9 35.9



#29
Benzo(g,h,i)perylene
Concen: 0.384 ng/ul
RT: 26.863 min Scan# 5964
Delta R.T. -0.007 min
Lab File: BN021194.D
Acq: 13 Aug 2022 03:40

Tgt Ion:276 Resp: 7412
Ion Ratio Lower Upper
276 100
138 30.7 22.6 34.0
277 25.5 20.2 30.2

