

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022122\
 Data File : BN018666.D
 Acq On : 21 Feb 2022 16:32
 Operator : CG/JU
 Sample : PB142722BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

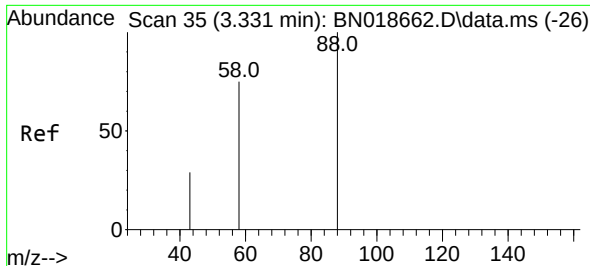
Instrument :
 BNA_N
 ClientSampleId :
 SLCS722

Quant Time: Feb 22 03:13:35 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN021822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 18 13:39:55 2022
 Response via : Initial Calibration

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

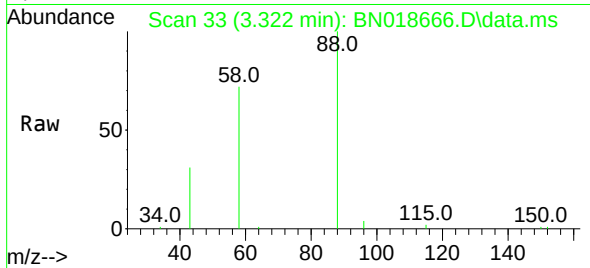
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	7074	0.400	ng/ul	0.00
4) Naphthalene-d8	10.721	136	17482	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.552	164	8420	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.288	188	15275	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.468	240	12000	0.400	ng/ul	# 0.00
23) Perylene-d12	23.865	264	10802	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.285	96	4302	0.535	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.310	152	6427	0.269	ng/ul	0.00
18) Fluoranthene-d10	19.312	212	10897	0.304	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.322	88	11419	1.387	ng/ul#	71
5) Naphthalene	10.770	128	13474	0.272	ng/ul	99
7) 2-Methylnaphthalene	12.382	142	8105	0.254	ng/ul	100
8) 1-Methylnaphthalene	12.602	142	8097	0.255	ng/ul	99
10) Acenaphthylene	14.270	152	10539	0.278	ng/ul	99
11) Acenaphthene	14.612	153	8094	0.266	ng/ul	98
12) Fluorene	15.597	166	8674	0.266	ng/ul	99
14) Pentachlorophenol	16.942	266	1249	0.401	ng/ul	99
15) Phenanthrene	17.330	178	13859	0.276	ng/ul	99
16) Anthracene	17.423	178	11591	0.258	ng/ul	99
19) Fluoranthene	19.345	202	14892	0.296	ng/ul#	95
20) Pyrene	19.707	202	15026	0.289	ng/ul#	94
21) Benzo(a)anthracene	21.453	228	12702	0.273	ng/ul	99
22) Chrysene	21.506	228	14487	0.299	ng/ul	100
24) Benzo(b)fluoranthene	23.134	252	14461	0.301	ng/ul	94
25) Benzo(k)fluoranthene	23.180	252	13987	0.292	ng/ul#	94
26) Benzo(a)pyrene	23.759	252	13221	0.312	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.350	276	15501	0.287	ng/ul#	82
28) Dibenzo(a,h)anthracene	26.373	278	12494	0.295	ng/ul#	91
29) Benzo(g,h,i)perylene	27.118	276	13558	0.293	ng/ul#	91

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

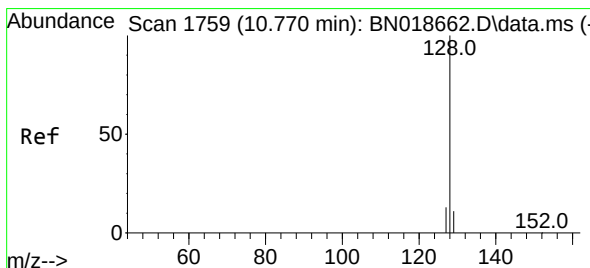
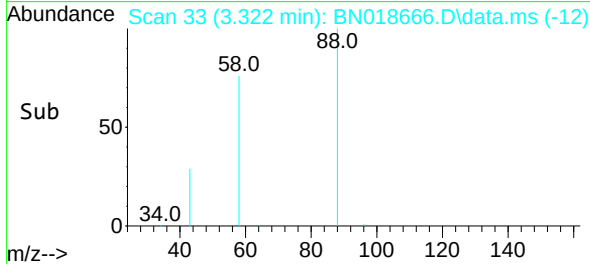
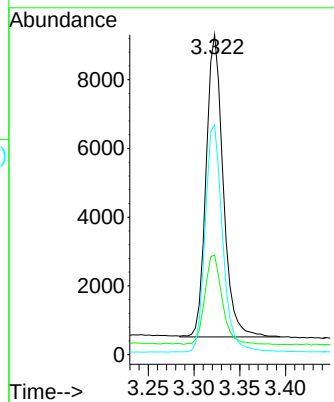


#2
1,4-Dioxane
Concen: 1.387 ng/ul
RT: 3.322 min Scan# 31
Delta R.T. -0.012 min
Lab File: BN018666.D
Acq: 21 Feb 2022 16:32

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SLCS722

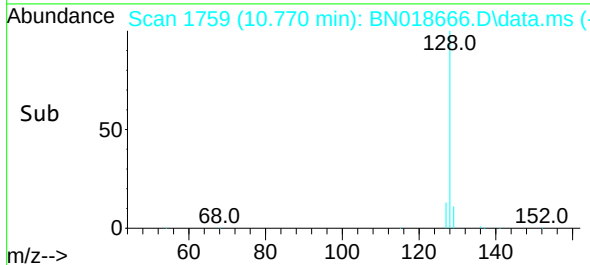
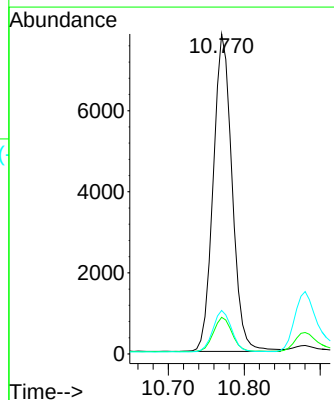
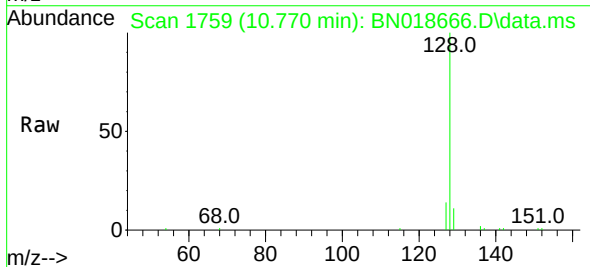


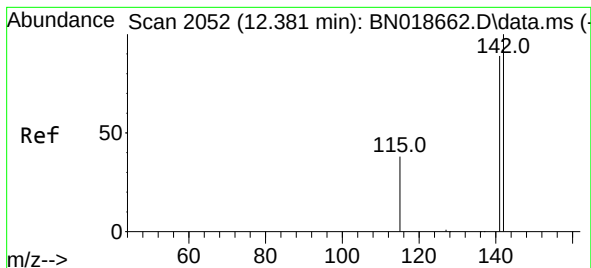
Tgt Ion: 88 Resp: 11419
Ion Ratio Lower Upper
88 100
43 31.2 47.8 71.8#
58 71.8 46.2 69.2#



#5
Naphthalene
Concen: 0.272 ng/ul
RT: 10.770 min Scan# 1759
Delta R.T. -0.004 min
Lab File: BN018666.D
Acq: 21 Feb 2022 16:32

Tgt Ion:128 Resp: 13474
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.0
127 13.6 11.0 16.6

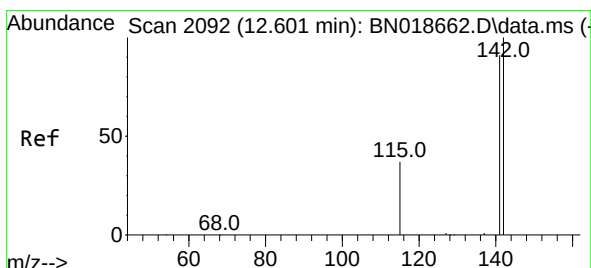
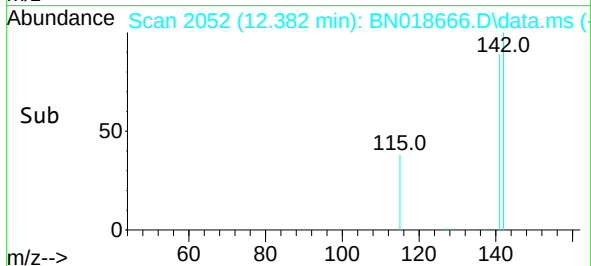
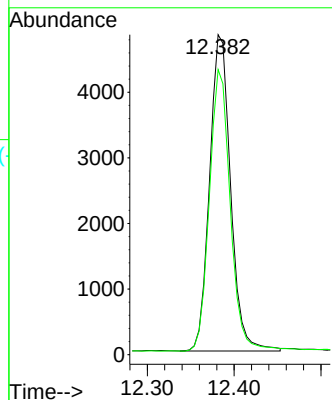
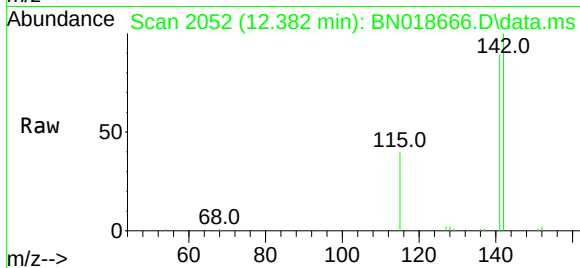




#7
2-Methylnaphthalene
Concen: 0.254 ng/ul
RT: 12.382 min Scan# 2052
Delta R.T. -0.004 min
Lab File: BN018666.D
Acq: 21 Feb 2022 16:32

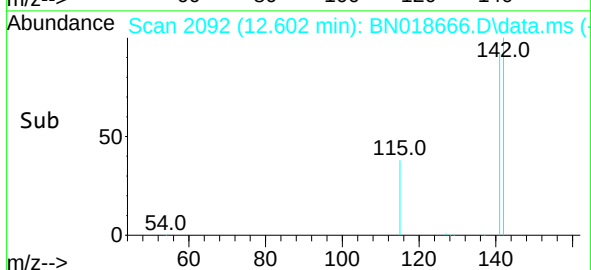
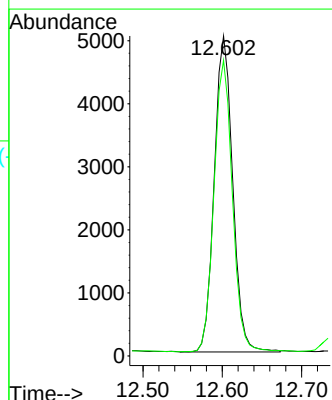
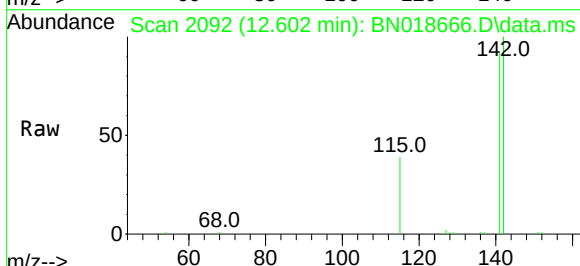
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BNA_N
ClientSampleId :
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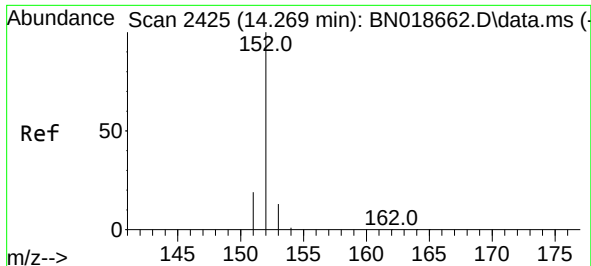
Tgt Ion:142 Resp: 8105
Ion Ratio Lower Upper
142 100
141 88.5 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.255 ng/ul
RT: 12.602 min Scan# 2092
Delta R.T. -0.004 min
Lab File: BN018666.D
Acq: 21 Feb 2022 16:32

Tgt Ion:142 Resp: 8097
Ion Ratio Lower Upper
142 100
141 92.1 73.2 109.8

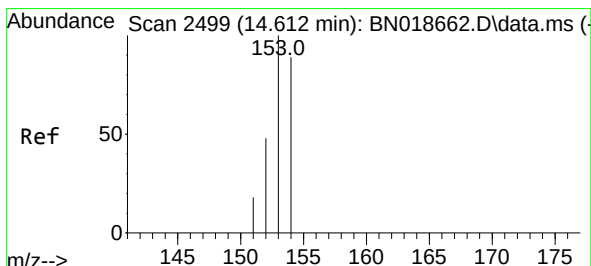
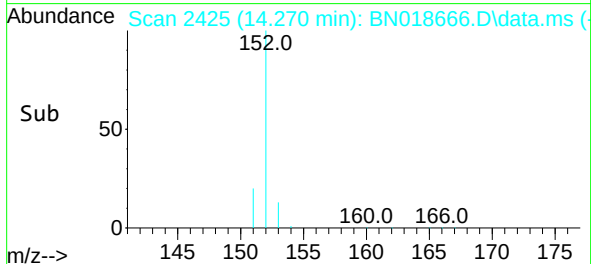
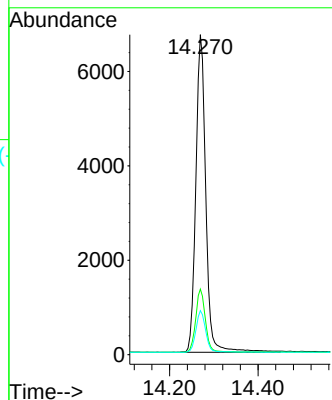
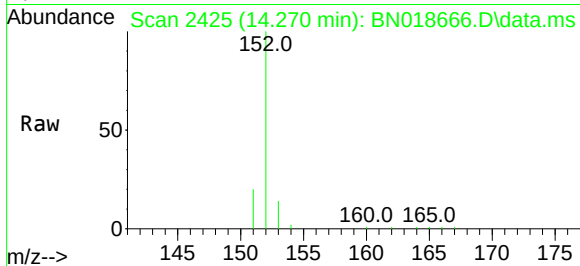




#10
Acenaphthylene
Concen: 0.278 ng/ul
RT: 14.270 min Scan# 2425
Delta R.T. 0.001 min
Lab File: BN018666.D
Acq: 21 Feb 2022 16:32

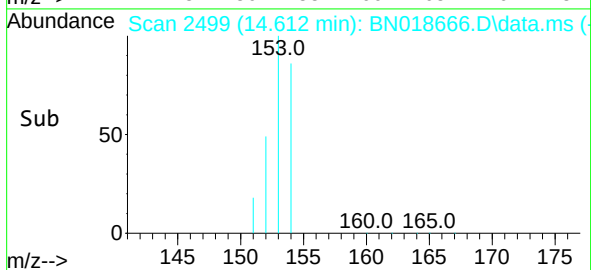
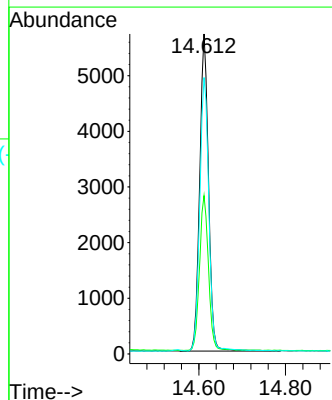
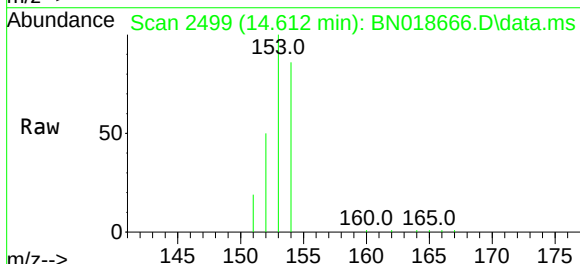
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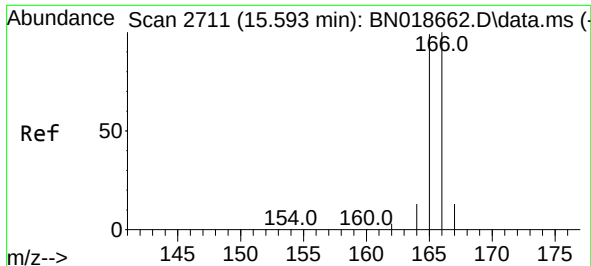
Tgt Ion:152 Resp: 10539
Ion Ratio Lower Upper
152 100
151 20.5 15.8 23.8
153 13.7 10.7 16.1



#11
Acenaphthene
Concen: 0.266 ng/ul
RT: 14.612 min Scan# 2499
Delta R.T. 0.001 min
Lab File: BN018666.D
Acq: 21 Feb 2022 16:32

Tgt Ion:153 Resp: 8094
Ion Ratio Lower Upper
153 100
152 49.5 39.7 59.5
154 86.4 70.9 106.3

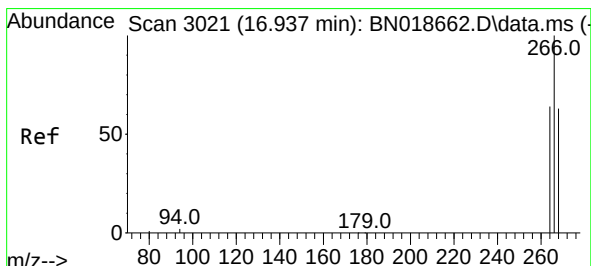
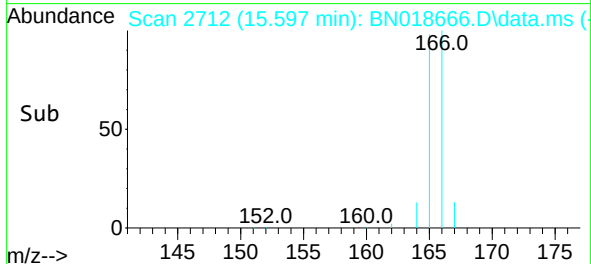
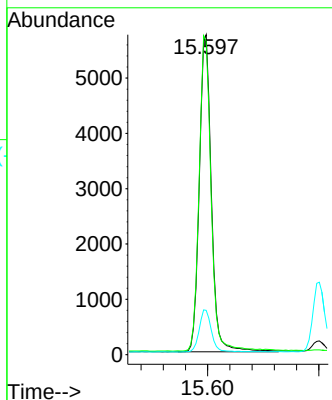
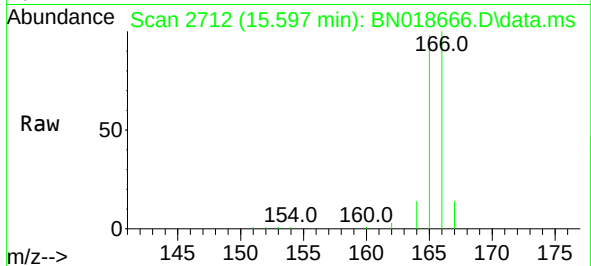




#12
 Fluorene
 Concen: 0.266 ng/ul
 RT: 15.597 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BN018666.D
 Acq: 21 Feb 2022 16:32

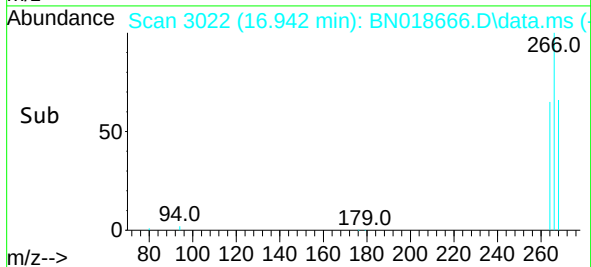
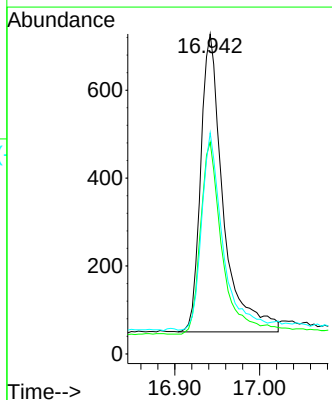
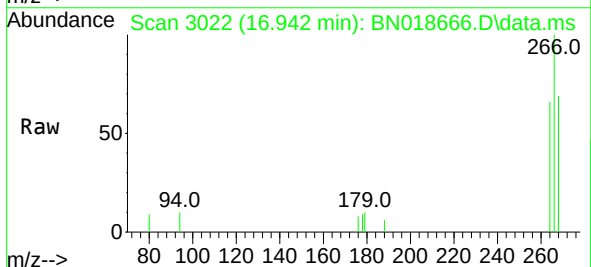
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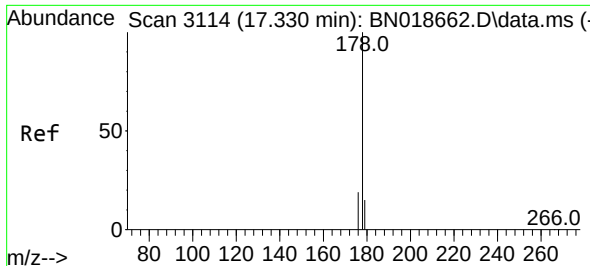
Tgt Ion:166 Resp: 8674
 Ion Ratio Lower Upper
 166 100
 165 97.9 77.8 116.6
 167 13.8 11.6 17.4



#14
 Pentachlorophenol
 Concen: 0.401 ng/ul
 RT: 16.942 min Scan# 3022
 Delta R.T. 0.001 min
 Lab File: BN018666.D
 Acq: 21 Feb 2022 16:32

Tgt Ion:266 Resp: 1249
 Ion Ratio Lower Upper
 266 100
 264 62.6 49.9 74.9
 268 63.1 51.7 77.5

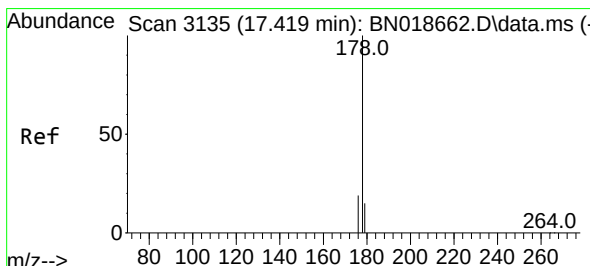
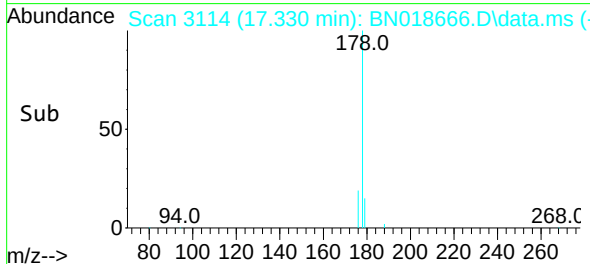
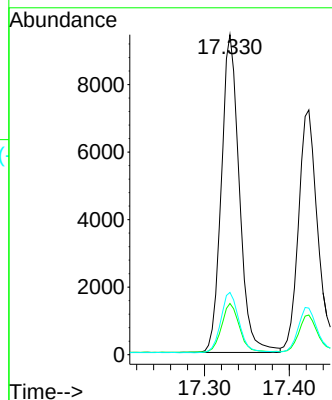
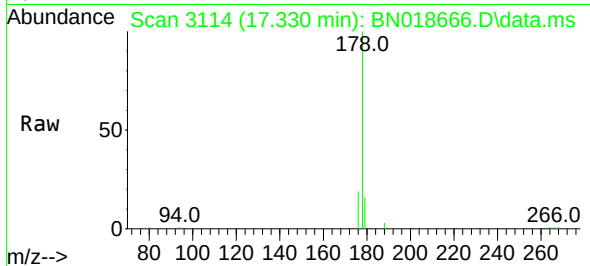




#15
Phenanthrene
Concen: 0.276 ng/u1
RT: 17.330 min Scan# 3114
Delta R.T. 0.001 min
Lab File: BN018666.D
Acq: 21 Feb 2022 16:32

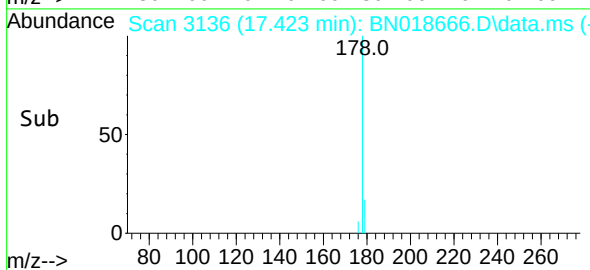
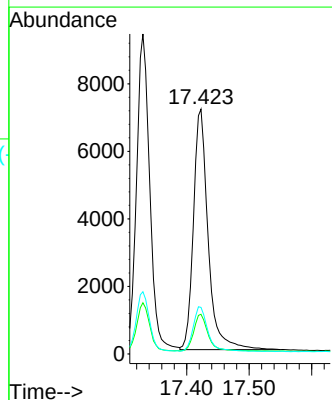
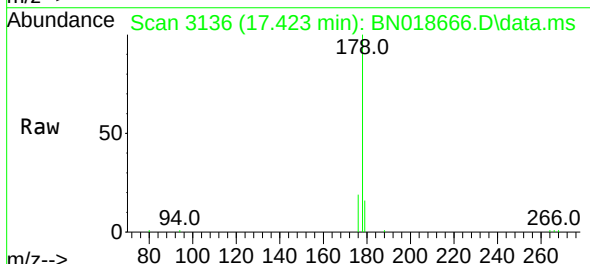
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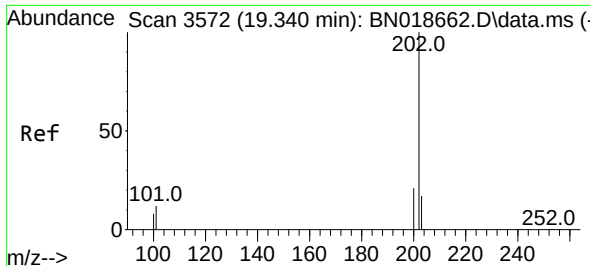
Tgt Ion:178 Resp: 13859
Ion Ratio Lower Upper
178 100
179 16.0 12.2 18.4
176 19.5 15.4 23.2



#16
Anthracene
Concen: 0.258 ng/u1
RT: 17.423 min Scan# 3136
Delta R.T. 0.001 min
Lab File: BN018666.D
Acq: 21 Feb 2022 16:32

Tgt Ion:178 Resp: 11591
Ion Ratio Lower Upper
178 100
179 16.2 12.3 18.5
176 19.0 15.5 23.3

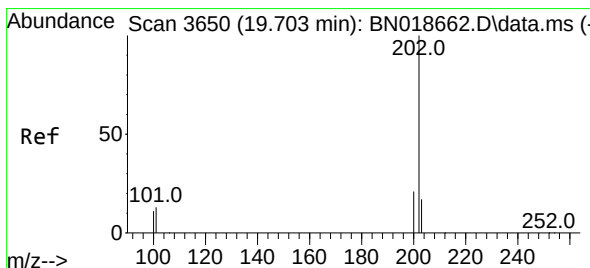
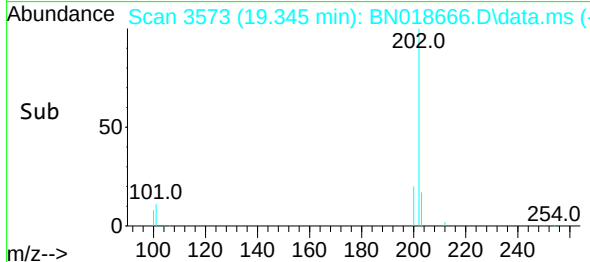
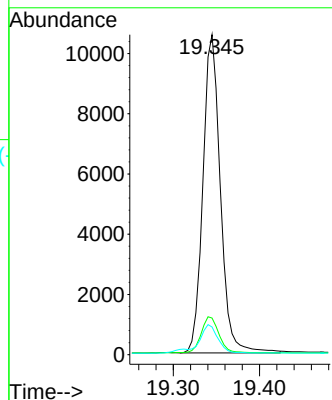
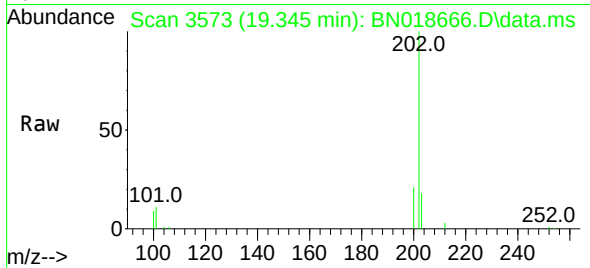




#19
Fluoranthene
Concen: 0.296 ng/u1
RT: 19.345 min Scan# 3572
Delta R.T. 0.001 min
Lab File: BN018666.D
Acq: 21 Feb 2022 16:32

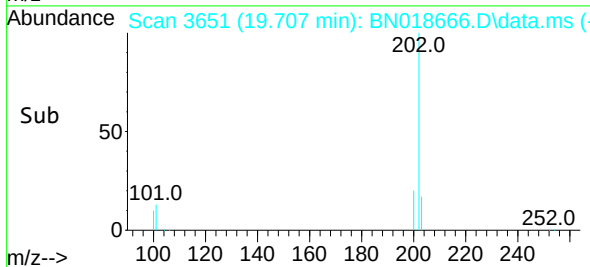
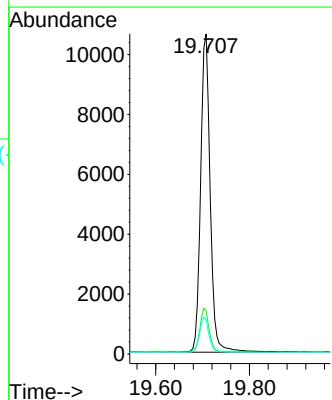
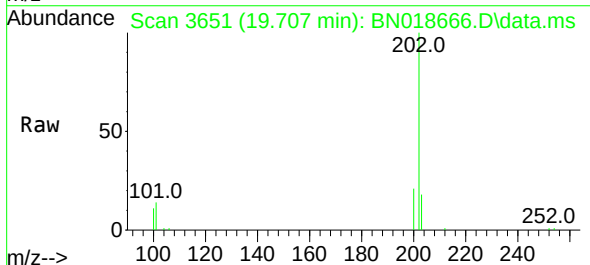
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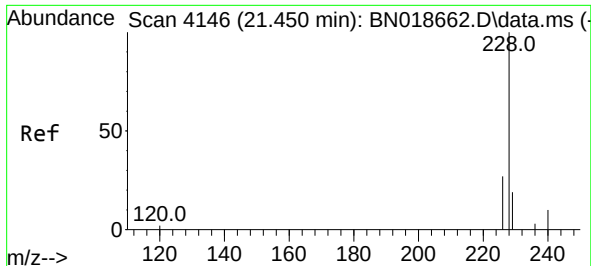
Tgt Ion:202 Resp: 14892
Ion Ratio Lower Upper
202 100
101 11.4 7.5 11.3#
100 8.6 5.4 8.2#



#20
Pyrene
Concen: 0.289 ng/u1
RT: 19.707 min Scan# 3651
Delta R.T. 0.001 min
Lab File: BN018666.D
Acq: 21 Feb 2022 16:32

Tgt Ion:202 Resp: 15026
Ion Ratio Lower Upper
202 100
101 13.6 9.0 13.4#
100 10.8 7.0 10.4#

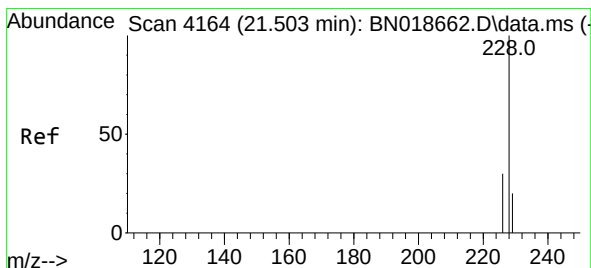
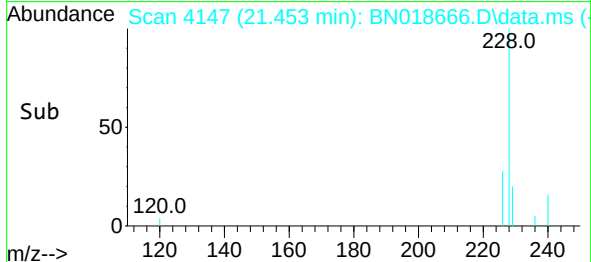
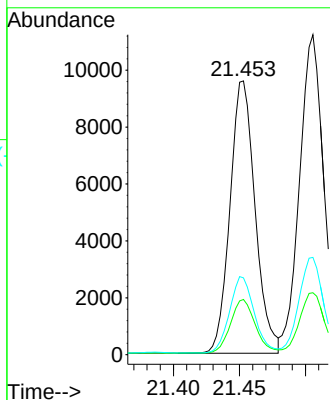
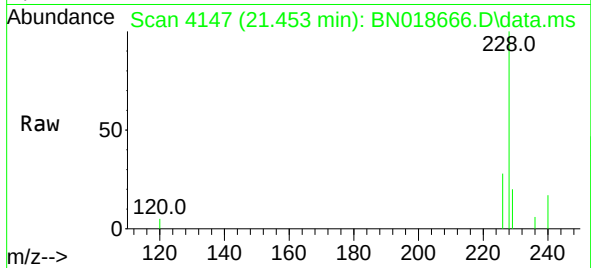




#21
Benzo(a)anthracene
Concen: 0.273 ng/u1
RT: 21.453 min Scan# 4146
Delta R.T. 0.001 min
Lab File: BN018666.D
Acq: 21 Feb 2022 16:32

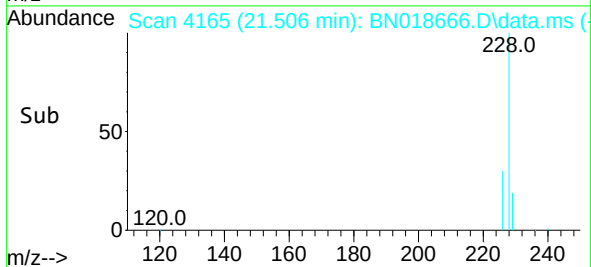
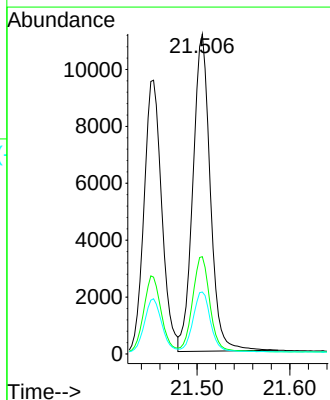
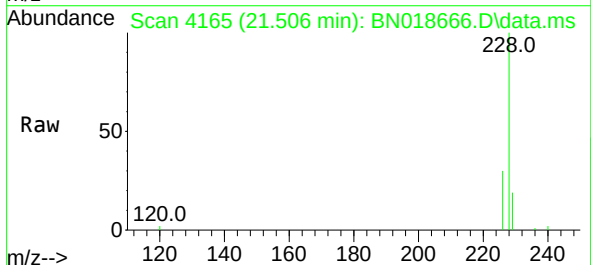
Instrument :
BNA_N
ClientSampleId :
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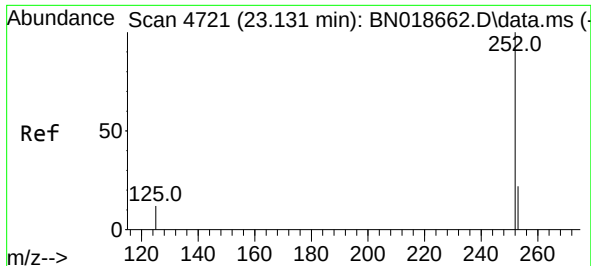
Tgt Ion:228 Resp: 12702
Ion Ratio Lower Upper
228 100
229 20.2 15.6 23.4
226 28.0 22.1 33.1



#22
Chrysene
Concen: 0.299 ng/u1
RT: 21.506 min Scan# 4165
Delta R.T. 0.001 min
Lab File: BN018666.D
Acq: 21 Feb 2022 16:32

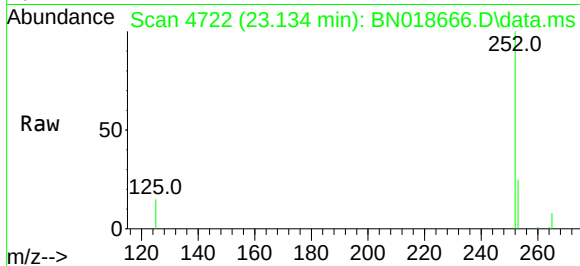
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Ion Ratio Lower Upper
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226 30.4 24.2 36.4
229 19.4 15.7 23.5



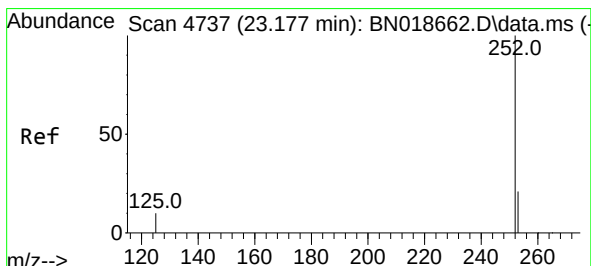
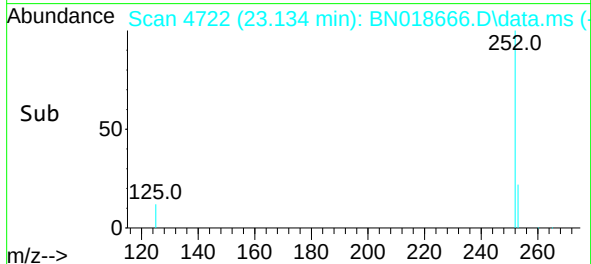
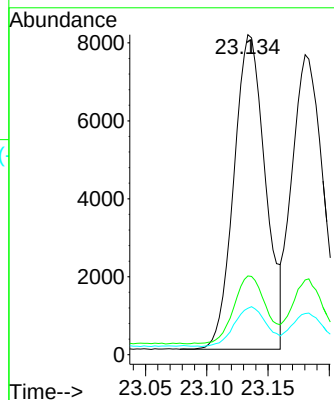


#24
Benzo(b)fluoranthene
Concen: 0.301 ng/ul
RT: 23.134 min Scan# 4722
Delta R.T. -0.002 min
Lab File: BN018666.D
Acq: 21 Feb 2022 16:32

Instrument :
BNA_N
ClientSampleId :
SLCS722

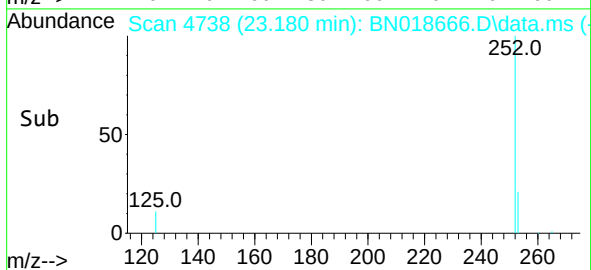
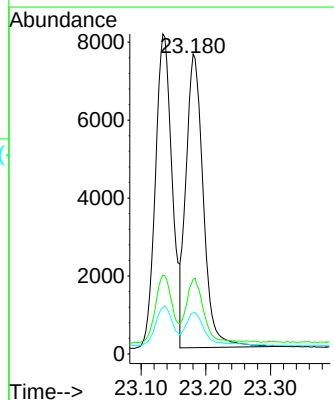
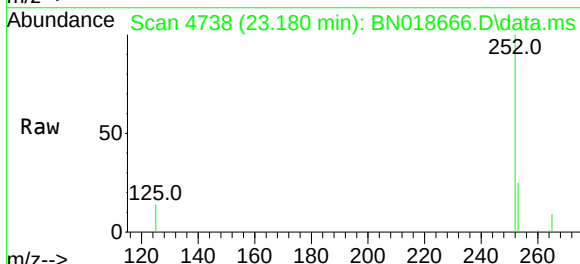


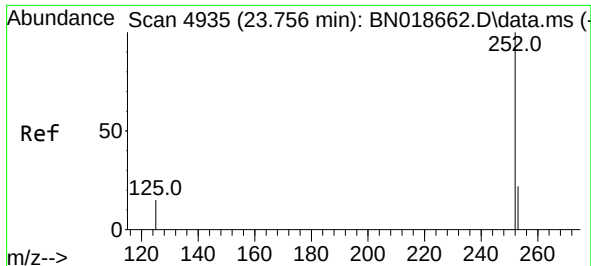
Tgt Ion:252 Resp: 14461
Ion Ratio Lower Upper
252 100
253 24.6 0.0 46.4
125 14.5 0.0 17.8



#25
Benzo(k)fluoranthene
Concen: 0.292 ng/ul
RT: 23.180 min Scan# 4738
Delta R.T. -0.002 min
Lab File: BN018666.D
Acq: 21 Feb 2022 16:32

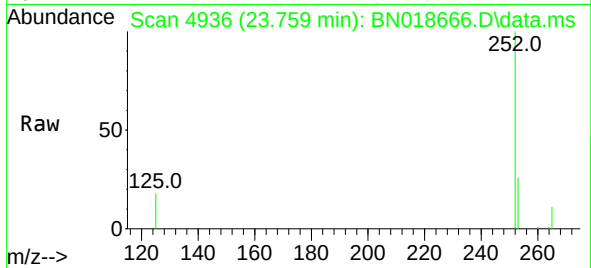
Tgt Ion:252 Resp: 13987
Ion Ratio Lower Upper
252 100
253 24.9 18.6 28.0
125 13.7 7.3 10.9#



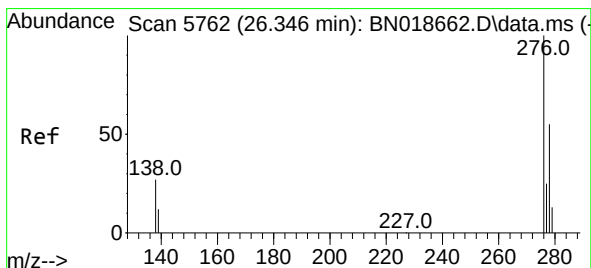
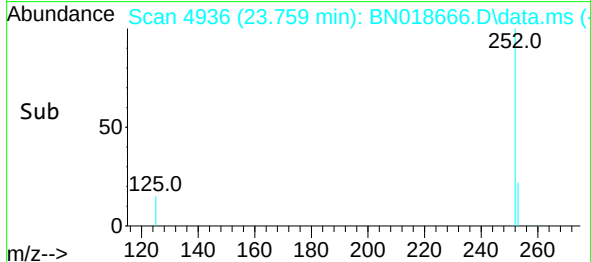
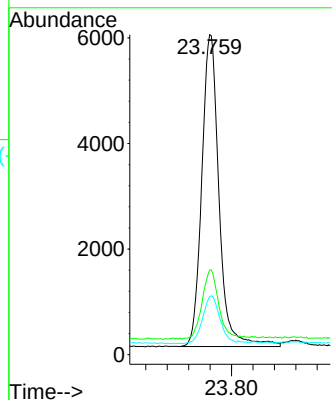


#26
Benzo(a)pyrene
Concen: 0.312 ng/ul
RT: 23.759 min Scan# 4935
Delta R.T. -0.002 min
Lab File: BN018666.D
Acq: 21 Feb 2022 16:32

Instrument :
BNA_N
ClientSampleId :
SLCS722

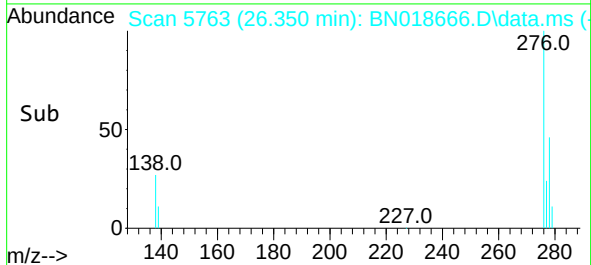
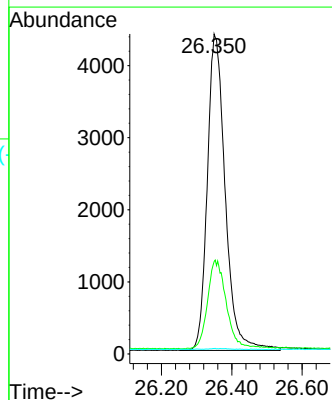
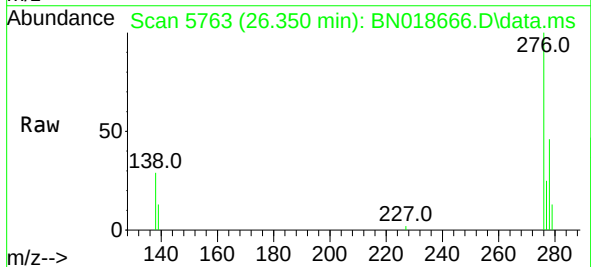


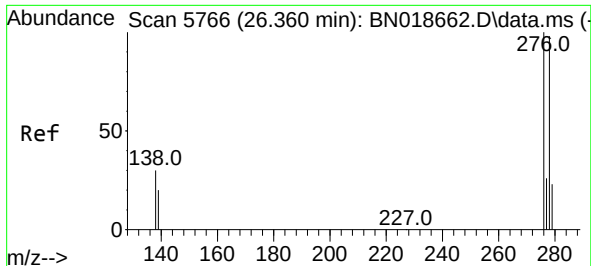
Tgt Ion:252 Resp: 13221
Ion Ratio Lower Upper
252 100
253 26.4 18.9 28.3
125 18.1 8.2 12.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.287 ng/ul
RT: 26.350 min Scan# 5763
Delta R.T. -0.008 min
Lab File: BN018666.D
Acq: 21 Feb 2022 16:32

Tgt Ion:276 Resp: 15501
Ion Ratio Lower Upper
276 100
138 29.1 16.5 24.7#
227 0.1 0.1 0.1#

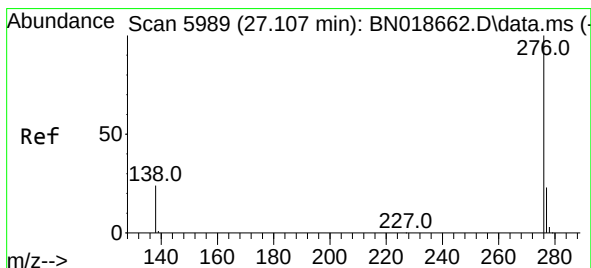
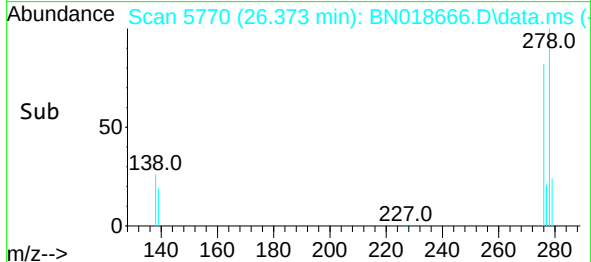
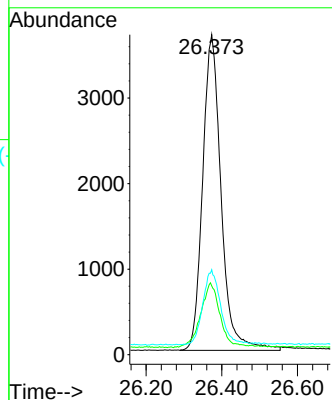
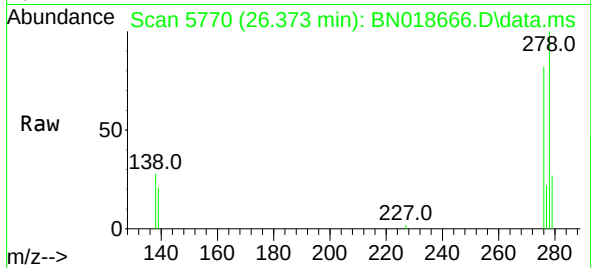




#28
Dibenzo(a,h)anthracene
Concen: 0.295 ng/ul
RT: 26.373 min Scan# 51
Delta R.T. -0.002 min
Lab File: BN018666.D
Acq: 21 Feb 2022 16:32

Instrument :
BNA_N
ClientSampleId :
SLCS722

Tgt Ion:278 Resp: 12494
Ion Ratio Lower Upper
278 100
139 21.5 11.9 17.9#
279 26.5 19.5 29.3



#29
Benzo(g,h,i)perylene
Concen: 0.293 ng/ul
RT: 27.118 min Scan# 5992
Delta R.T. -0.005 min
Lab File: BN018666.D
Acq: 21 Feb 2022 16:32

Tgt Ion:276 Resp: 13558
Ion Ratio Lower Upper
276 100
138 26.4 14.4 21.6#
277 24.5 19.2 28.8

