

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027025.D
 Acq On : 22 Aug 2023 12:10
 Operator : MA/JU
 Sample : PB154792BS
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS792

Quant Time: Aug 22 12:42:55 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 18 13:11:26 2023
 Response via : Initial Calibration

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

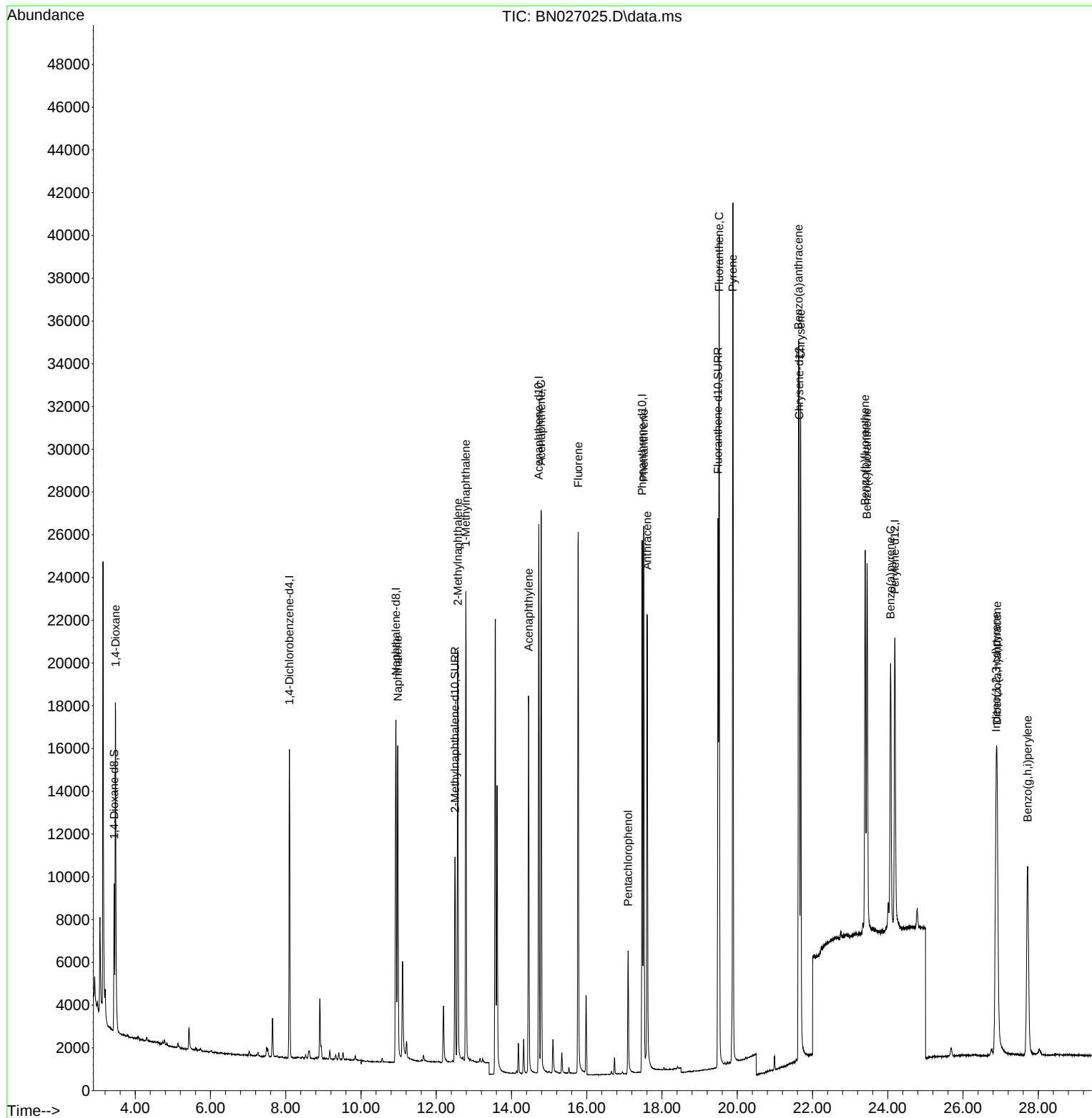
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.097	152	7293	0.400	ng/ul	0.00
4) Naphthalene-d8	10.927	136	24019	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.726	164	14469	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.473	188	30361	0.400	ng/ul	0.00
17) Chrysene-d12	21.647	240	23542	0.400	ng/ul	0.00
23) Perylene-d12	24.188	264	21068	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	4972	0.574	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.495	152	13480	0.381	ng/ul	0.00
18) Fluoranthene-d10	19.487	212	29466	0.396	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.477	88	11664	1.320	ng/ul	95
5) Naphthalene	10.977	128	20698	0.305	ng/ul	99
7) 2-Methylnaphthalene	12.572	142	13776	0.335	ng/ul	99
8) 1-Methylnaphthalene	12.786	142	15068	0.350	ng/ul	100
10) Acenaphthylene	14.453	152	20910	0.258	ng/ul	99
11) Acenaphthene	14.786	153	15794	0.282	ng/ul	99
12) Fluorene	15.772	166	17465	0.275	ng/ul	99
14) Pentachlorophenol	17.097	266	4270	0.497	ng/ul	99
15) Phenanthrene	17.515	178	28212	0.283	ng/ul	100
16) Anthracene	17.603	178	25239	0.280	ng/ul	100
19) Fluoranthene	19.520	202	33377	0.341	ng/ul	99
20) Pyrene	19.882	202	34600	0.332	ng/ul	99
21) Benzo(a)anthracene	21.627	228	29238	0.312	ng/ul	100
22) Chrysene	21.685	228	28983	0.314	ng/ul	99
24) Benzo(b)fluoranthene	23.398	252	26382	0.331	ng/ul	89
25) Benzo(k)fluoranthene	23.451	252	26466	0.337	ng/ul#	89
26) Benzo(a)pyrene	24.073	252	22074	0.307	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.878	276	26221	0.279	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.905	278	20755	0.277	ng/ul	93
29) Benzo(g,h,i)perylene	27.717	276	22038	0.281	ng/ul	96

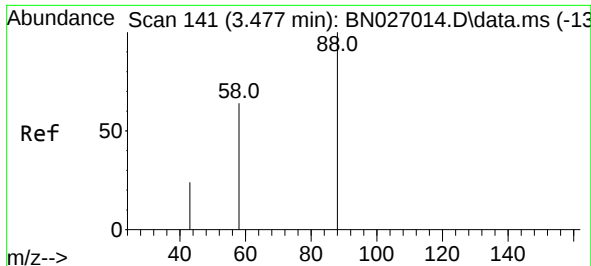
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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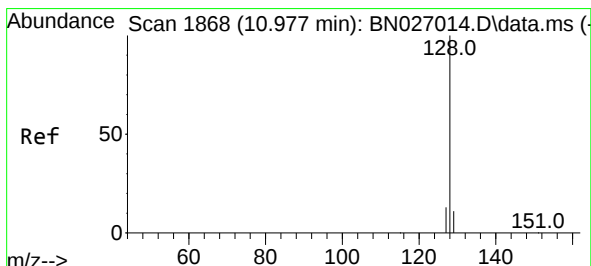
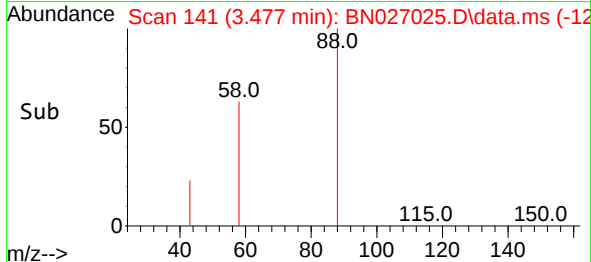
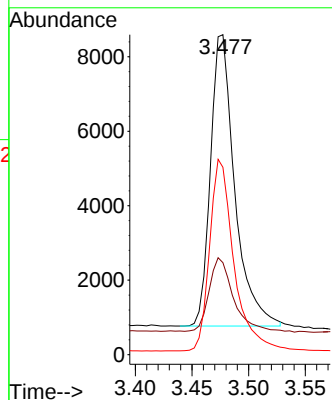
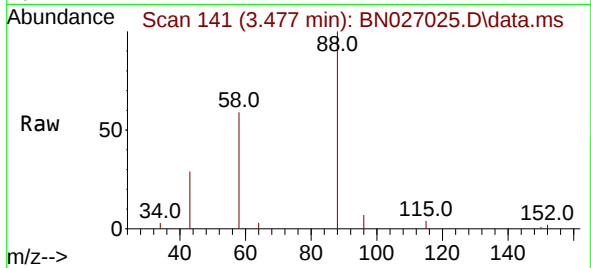




#2
1,4-Dioxane
Concen: 1.320 ng/ul
RT: 3.477 min Scan# 141
Delta R.T. 0.000 min
Lab File: BN027025.D
Acq: 22 Aug 2023 12:10

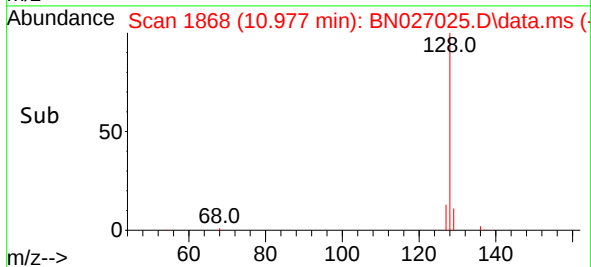
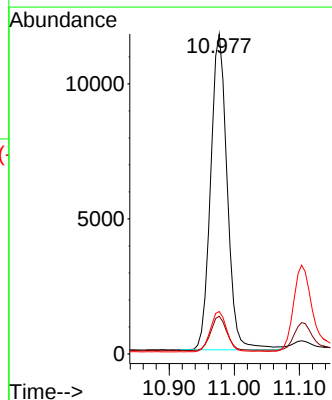
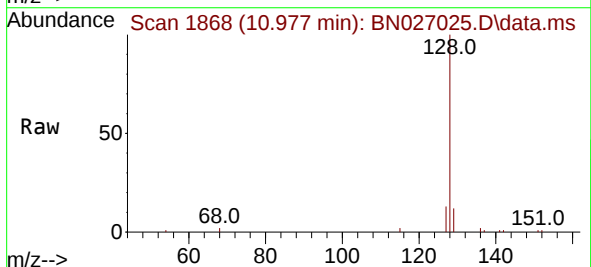
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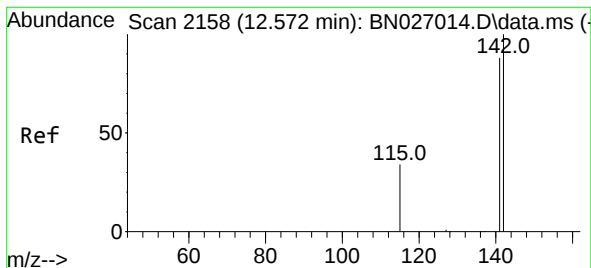
Tgt Ion: 88 Resp: 11664
Ion Ratio Lower Upper
88 100
43 28.7 28.0 42.0
58 58.5 46.0 69.0



#5
Naphthalene
Concen: 0.305 ng/ul
RT: 10.977 min Scan# 1868
Delta R.T. -0.005 min
Lab File: BN027025.D
Acq: 22 Aug 2023 12:10

Tgt Ion: 128 Resp: 20698
Ion Ratio Lower Upper
128 100
129 11.8 9.2 13.8
127 13.3 10.5 15.7

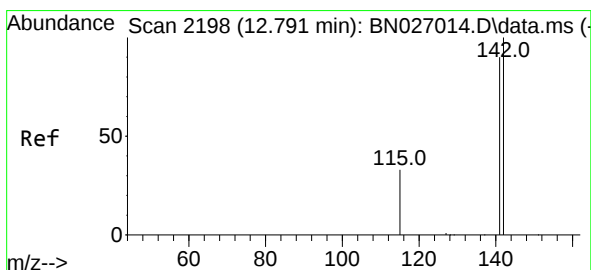
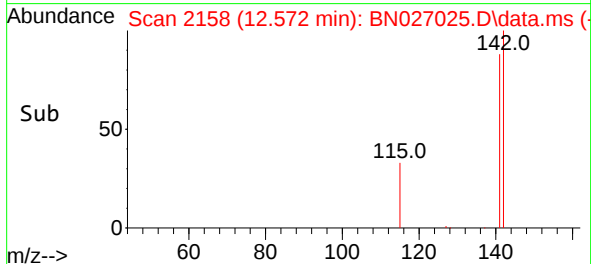
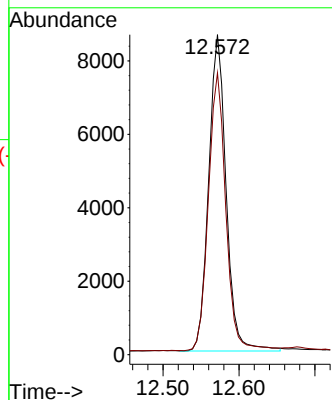
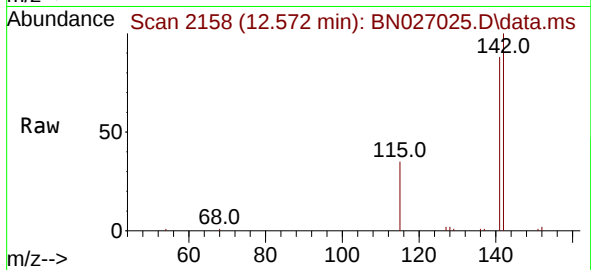




#7
2-Methylnaphthalene
Concen: 0.335 ng/ul
RT: 12.572 min Scan# 2158
Delta R.T. -0.005 min
Lab File: BN027025.D
Acq: 22 Aug 2023 12:10

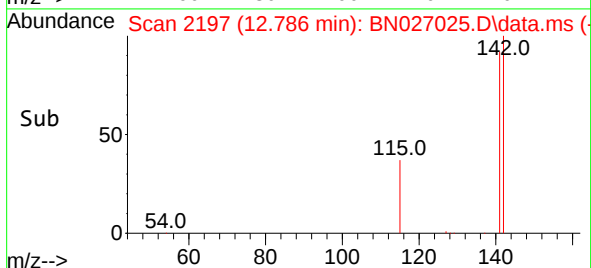
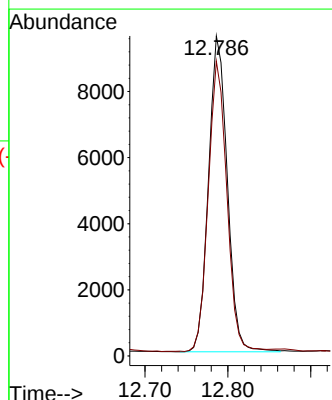
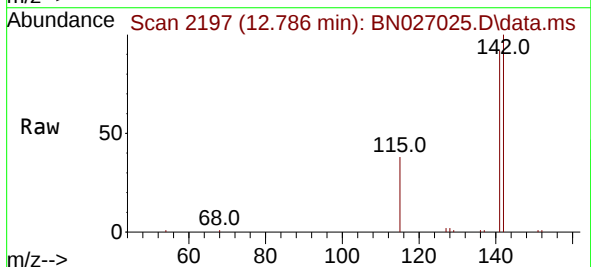
Instrument :
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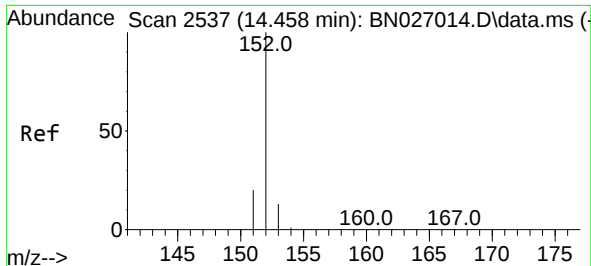
Tgt Ion:142 Resp: 13776
Ion Ratio Lower Upper
142 100
141 88.0 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.350 ng/ul
RT: 12.786 min Scan# 2197
Delta R.T. -0.005 min
Lab File: BN027025.D
Acq: 22 Aug 2023 12:10

Tgt Ion:142 Resp: 15068
Ion Ratio Lower Upper
142 100
141 91.2 73.2 109.8

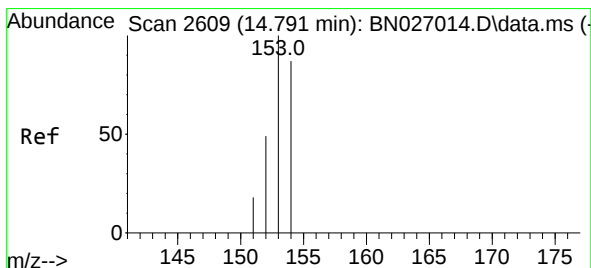
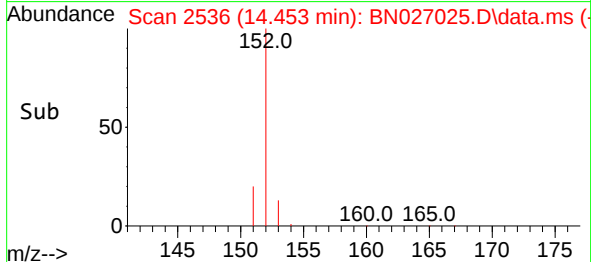
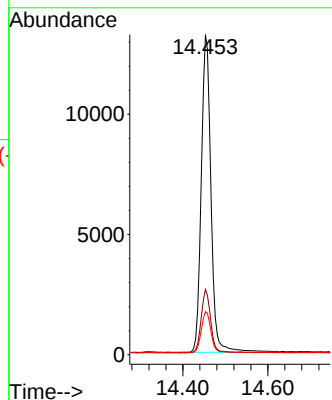
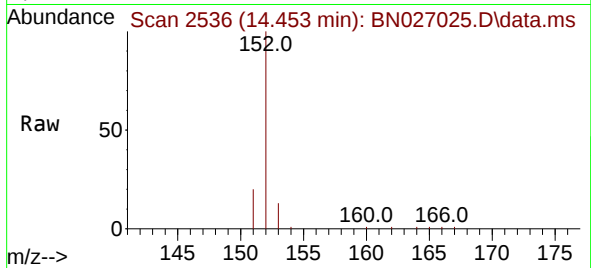




#10
Acenaphthylene
Concen: 0.258 ng/ul
RT: 14.453 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN027025.D
Acq: 22 Aug 2023 12:10

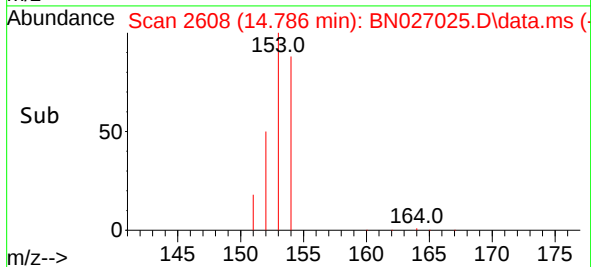
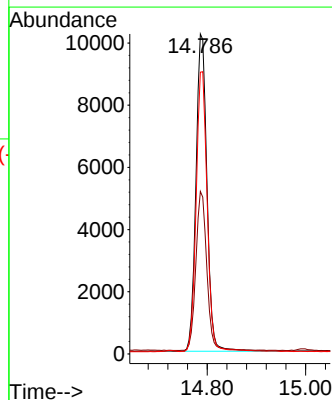
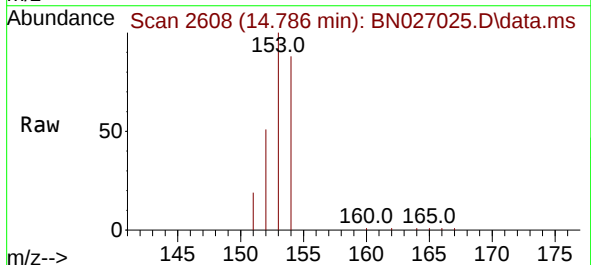
Instrument :
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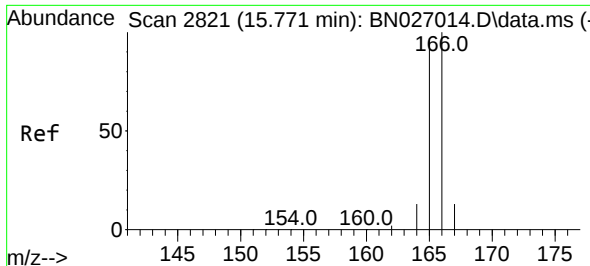
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.9	23.9
153	13.4	11.0	16.6



#11
Acenaphthene
Concen: 0.282 ng/ul
RT: 14.786 min Scan# 2608
Delta R.T. -0.005 min
Lab File: BN027025.D
Acq: 22 Aug 2023 12:10

Tgt Ion	Ratio	Lower	Upper
153	100		
152	50.8	41.1	61.7
154	88.0	71.6	107.4

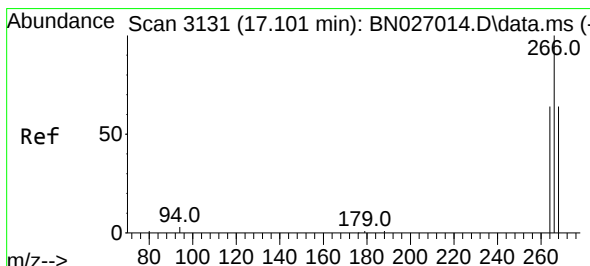
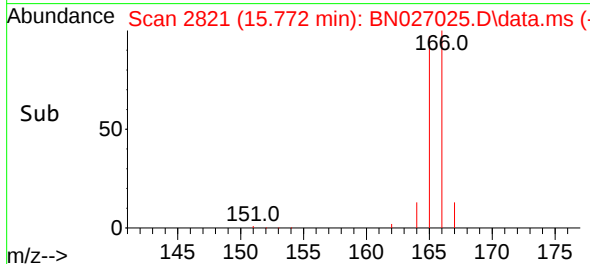
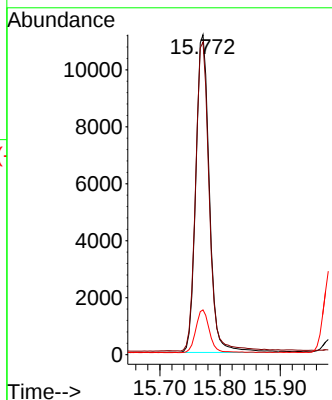
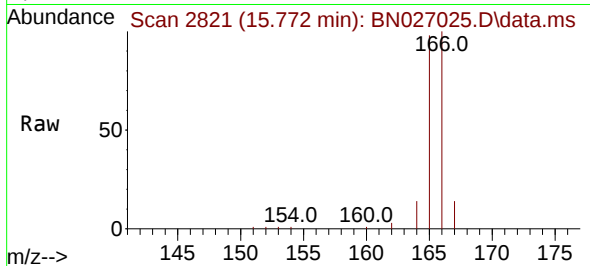




#12
 Fluorene
 Concen: 0.275 ng/ul
 RT: 15.772 min Scan# 2821
 Delta R.T. 0.000 min
 Lab File: BN027025.D
 Acq: 22 Aug 2023 12:10

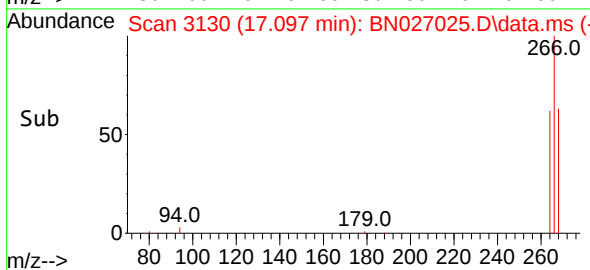
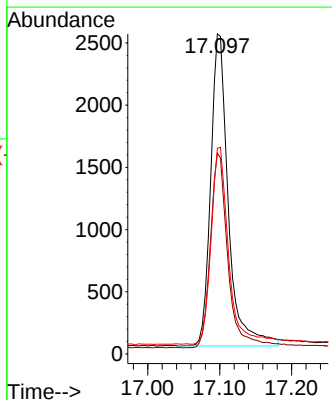
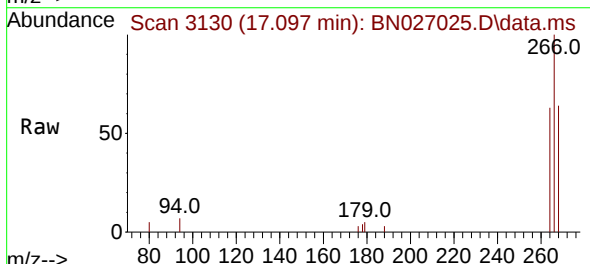
Instrument :
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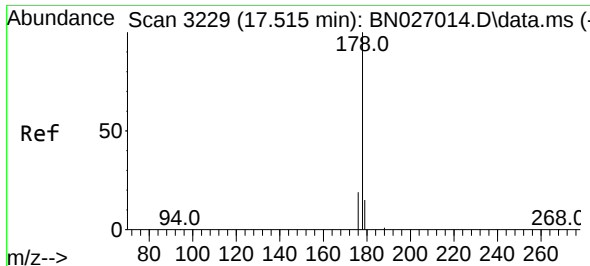
Tgt Ion:166 Resp: 17465
 Ion Ratio Lower Upper
 166 100
 165 97.7 79.1 118.7
 167 14.0 11.4 17.0



#14
 Pentachlorophenol
 Concen: 0.497 ng/ul
 RT: 17.097 min Scan# 3130
 Delta R.T. -0.004 min
 Lab File: BN027025.D
 Acq: 22 Aug 2023 12:10

Tgt Ion:266 Resp: 4270
 Ion Ratio Lower Upper
 266 100
 264 61.7 50.4 75.6
 268 63.2 51.2 76.8

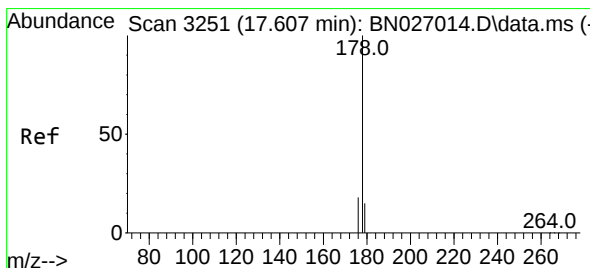
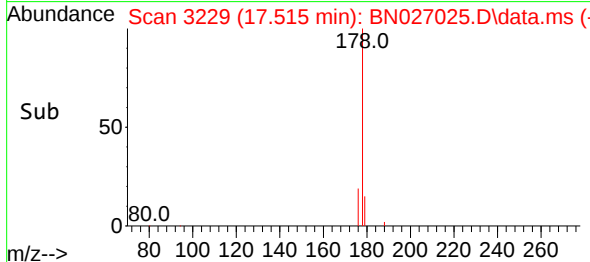
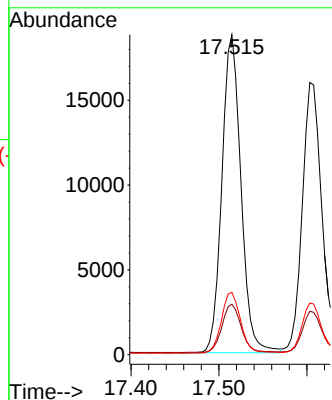
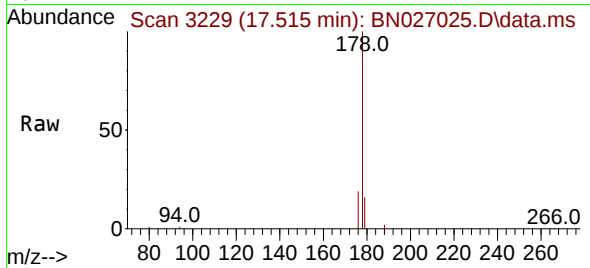




#15
Phenanthrene
Concen: 0.283 ng/ul
RT: 17.515 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN027025.D
Acq: 22 Aug 2023 12:10

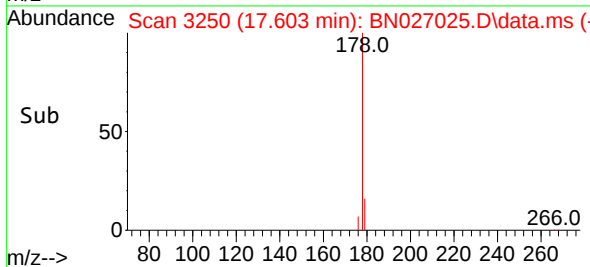
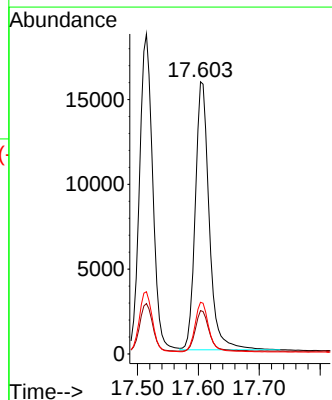
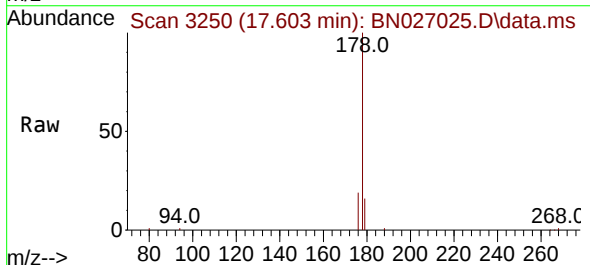
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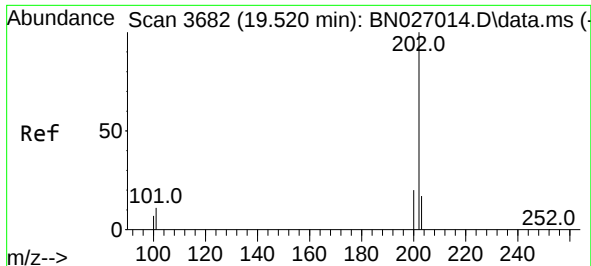
Tgt Ion:178 Resp: 28212
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 19.5 15.4 23.2



#16
Anthracene
Concen: 0.280 ng/ul
RT: 17.603 min Scan# 3250
Delta R.T. -0.004 min
Lab File: BN027025.D
Acq: 22 Aug 2023 12:10

Tgt Ion:178 Resp: 25239
Ion Ratio Lower Upper
178 100
179 15.9 12.6 19.0
176 19.0 15.0 22.6

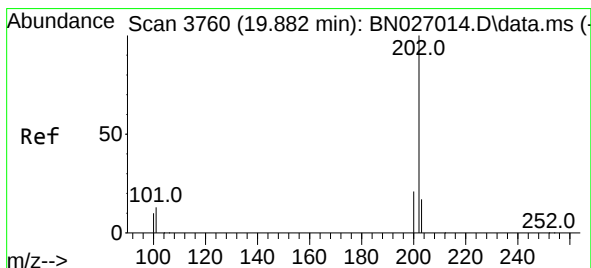
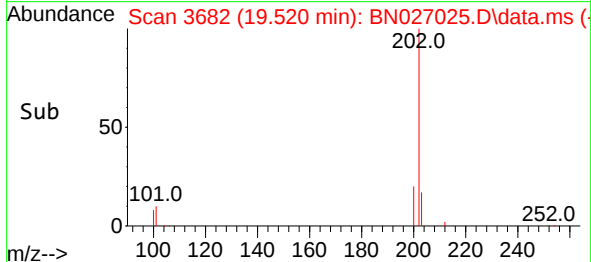
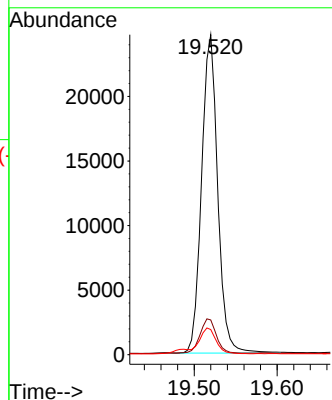
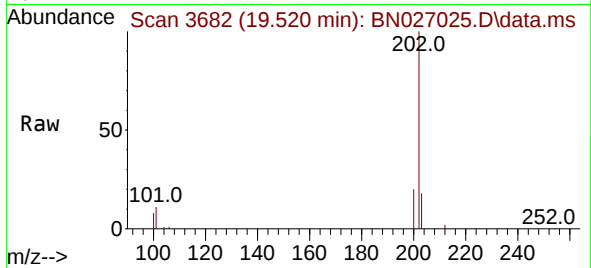




#19
Fluoranthene
Concen: 0.341 ng/ul
RT: 19.520 min Scan# 3682
Delta R.T. -0.005 min
Lab File: BN027025.D
Acq: 22 Aug 2023 12:10

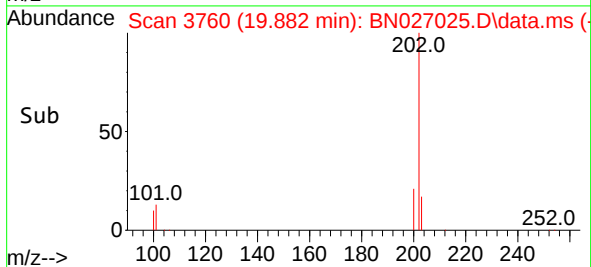
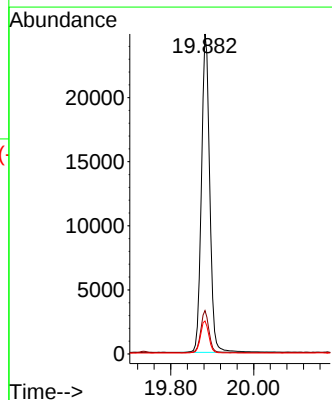
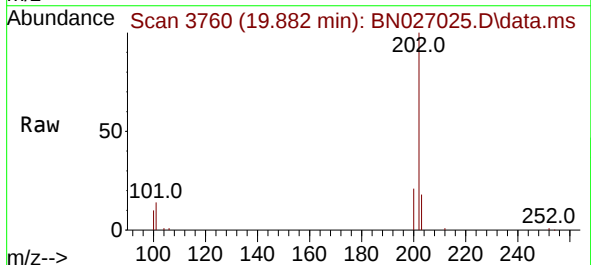
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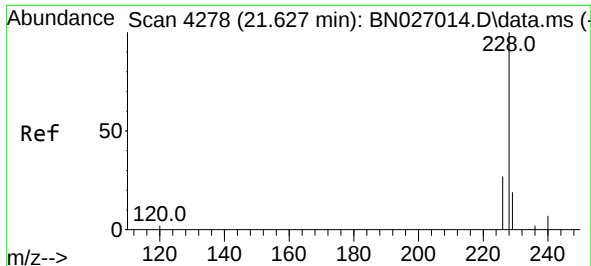
Tgt Ion:202 Resp: 33377
Ion Ratio Lower Upper
202 100
101 10.8 8.3 12.5
100 7.8 6.2 9.2



#20
Pyrene
Concen: 0.332 ng/ul
RT: 19.882 min Scan# 3760
Delta R.T. -0.005 min
Lab File: BN027025.D
Acq: 22 Aug 2023 12:10

Tgt Ion:202 Resp: 34600
Ion Ratio Lower Upper
202 100
101 13.6 10.7 16.1
100 10.3 8.5 12.7

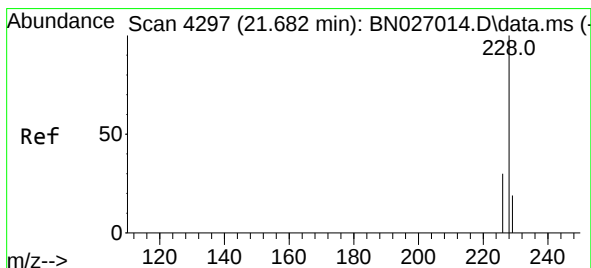
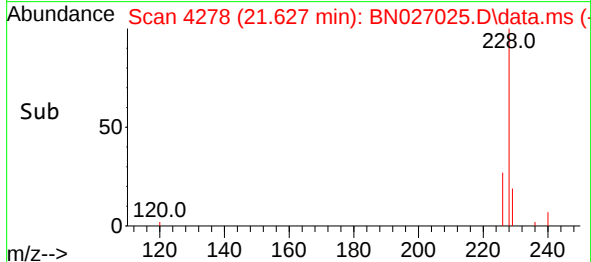
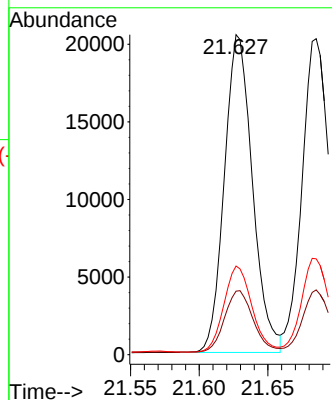
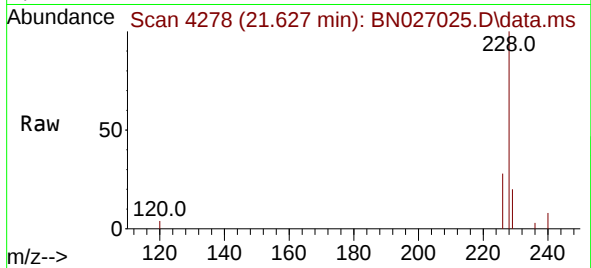




#21
Benzo(a)anthracene
Concen: 0.312 ng/ul
RT: 21.627 min Scan# 4278
Delta R.T. -0.006 min
Lab File: BN027025.D
Acq: 22 Aug 2023 12:10

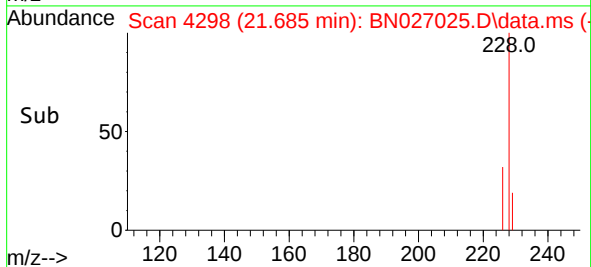
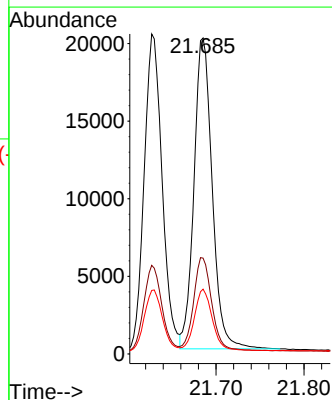
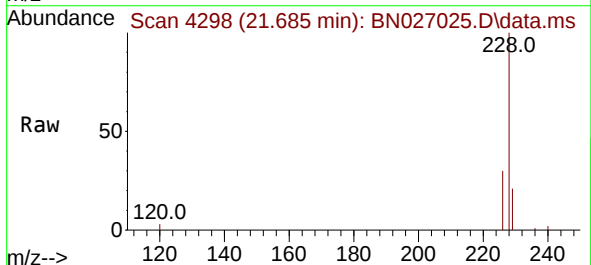
Instrument :
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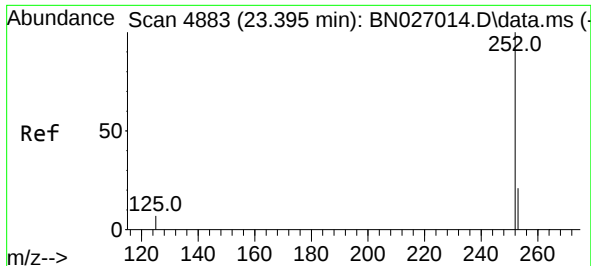
Tgt Ion:228 Resp: 29238
Ion Ratio Lower Upper
228 100
229 19.8 16.0 24.0
226 27.7 22.2 33.2



#22
Chrysene
Concen: 0.314 ng/ul
RT: 21.685 min Scan# 4298
Delta R.T. -0.006 min
Lab File: BN027025.D
Acq: 22 Aug 2023 12:10

Tgt Ion:228 Resp: 28983
Ion Ratio Lower Upper
228 100
226 30.3 24.6 36.8
229 20.5 15.8 23.6

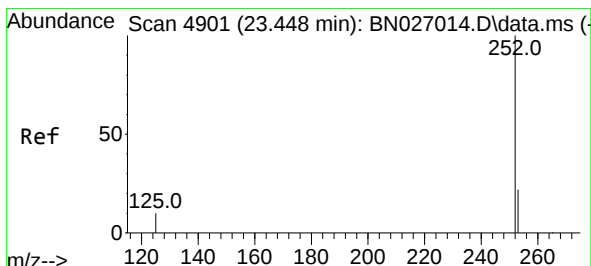
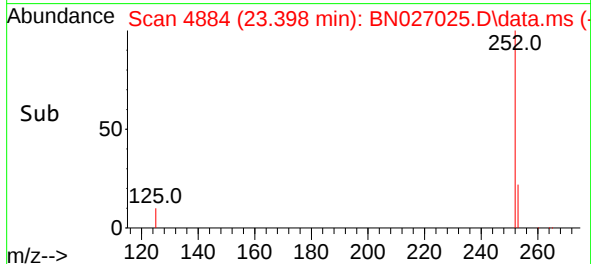
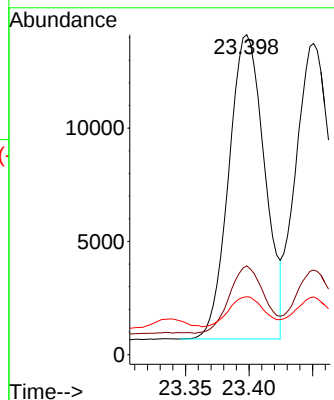
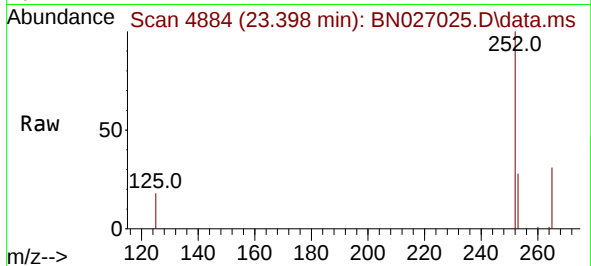




#24
Benzo(b)fluoranthene
Concen: 0.331 ng/ul
RT: 23.398 min Scan# 4883
Delta R.T. -0.009 min
Lab File: BN027025.D
Acq: 22 Aug 2023 12:10

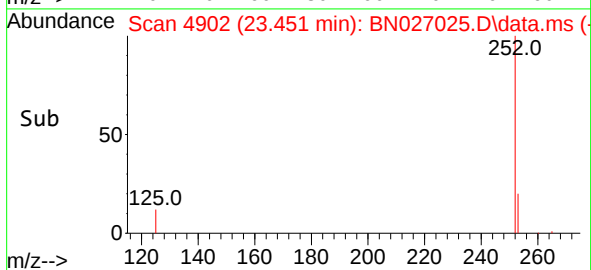
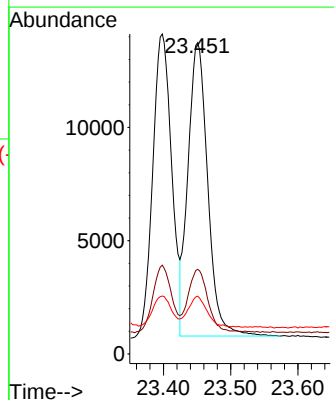
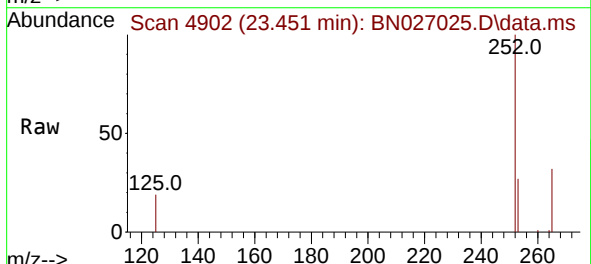
Instrument :
BNA_N
ClientSampleId :
SLCS792

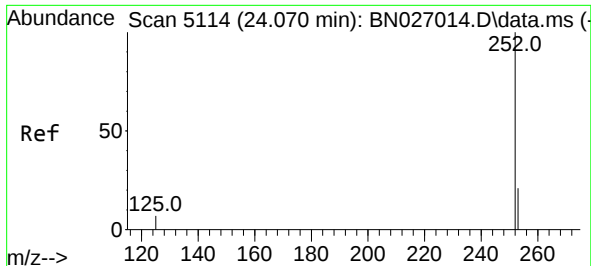
Tgt Ion:252 Resp: 26382
Ion Ratio Lower Upper
252 100
253 27.8 0.0 46.8
125 18.1 0.0 25.2



#25
Benzo(k)fluoranthene
Concen: 0.337 ng/ul
RT: 23.451 min Scan# 4902
Delta R.T. -0.009 min
Lab File: BN027025.D
Acq: 22 Aug 2023 12:10

Tgt Ion:252 Resp: 26466
Ion Ratio Lower Upper
252 100
253 27.2 18.2 27.4
125 18.6 9.9 14.9#

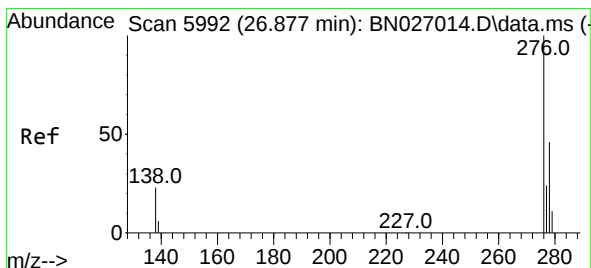
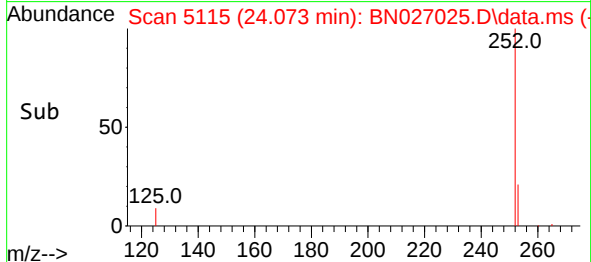
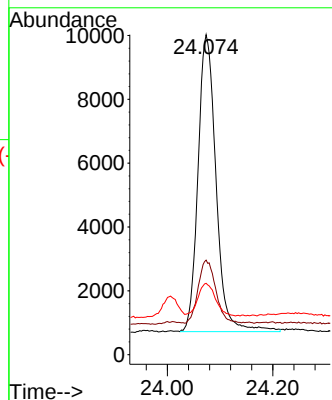
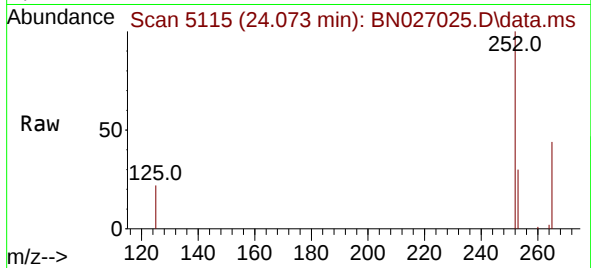




#26
Benzo(a)pyrene
Concen: 0.307 ng/ul
RT: 24.073 min Scan# 5114
Delta R.T. -0.012 min
Lab File: BN027025.D
Acq: 22 Aug 2023 12:10

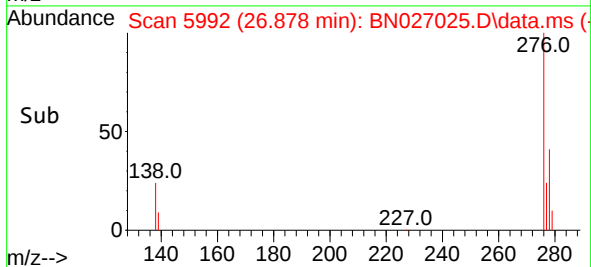
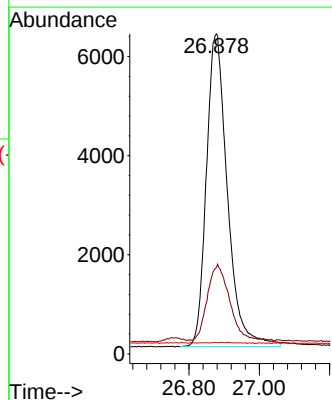
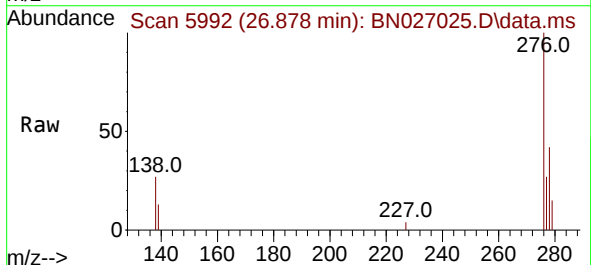
Instrument :
BNA_N
ClientSampleId :
SLCS792

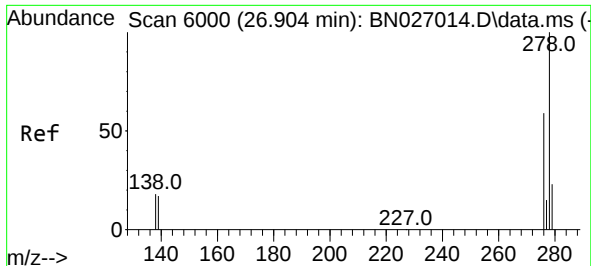
Tgt Ion:252 Resp: 22074
Ion Ratio Lower Upper
252 100
253 29.6 19.0 28.6#
125 22.3 11.4 17.0#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.279 ng/ul
RT: 26.878 min Scan# 5992
Delta R.T. -0.007 min
Lab File: BN027025.D
Acq: 22 Aug 2023 12:10

Tgt Ion:276 Resp: 26221
Ion Ratio Lower Upper
276 100
138 26.2 21.6 32.4
227 0.0 0.0 0.0#

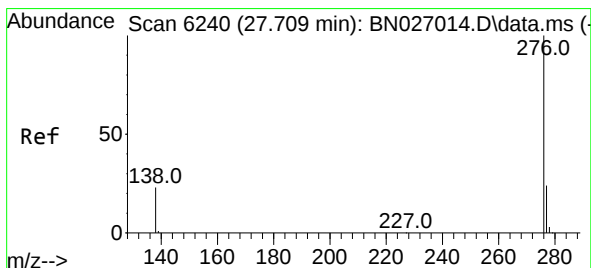
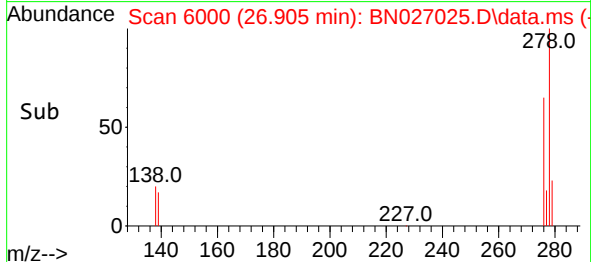
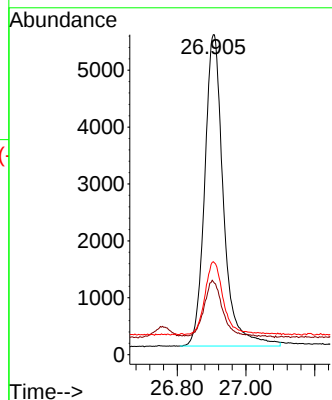
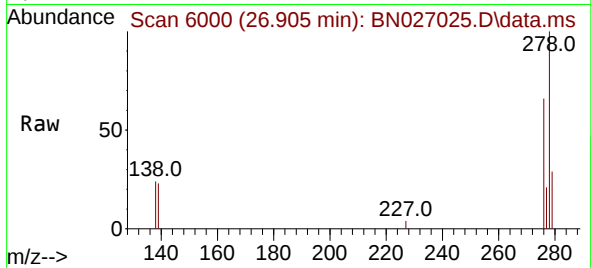




#28
Dibenzo(a,h)anthracene
Concen: 0.277 ng/ul
RT: 26.905 min Scan# 6000
Delta R.T. -0.017 min
Lab File: BN027025.D
Acq: 22 Aug 2023 12:10

Instrument :
BNA_N
ClientSampleId :
SLCS792

Tgt Ion:278 Resp: 20755
Ion Ratio Lower Upper
278 100
139 22.8 15.7 23.5
279 29.0 20.2 30.4



#29
Benzo(g,h,i)perylene
Concen: 0.281 ng/ul
RT: 27.717 min Scan# 6242
Delta R.T. -0.007 min
Lab File: BN027025.D
Acq: 22 Aug 2023 12:10

Tgt Ion:276 Resp: 22038
Ion Ratio Lower Upper
276 100
138 26.1 19.3 28.9
277 26.5 19.8 29.8

