

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072522\
 Data File : BN020893.D
 Acq On : 27 Jul 2022 11:18
 Operator : CG/JU
 Sample : PB146458BS
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS458

Quant Time: Jul 27 18:04:58 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 18:06:54 2022
 Response via : Initial Calibration

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

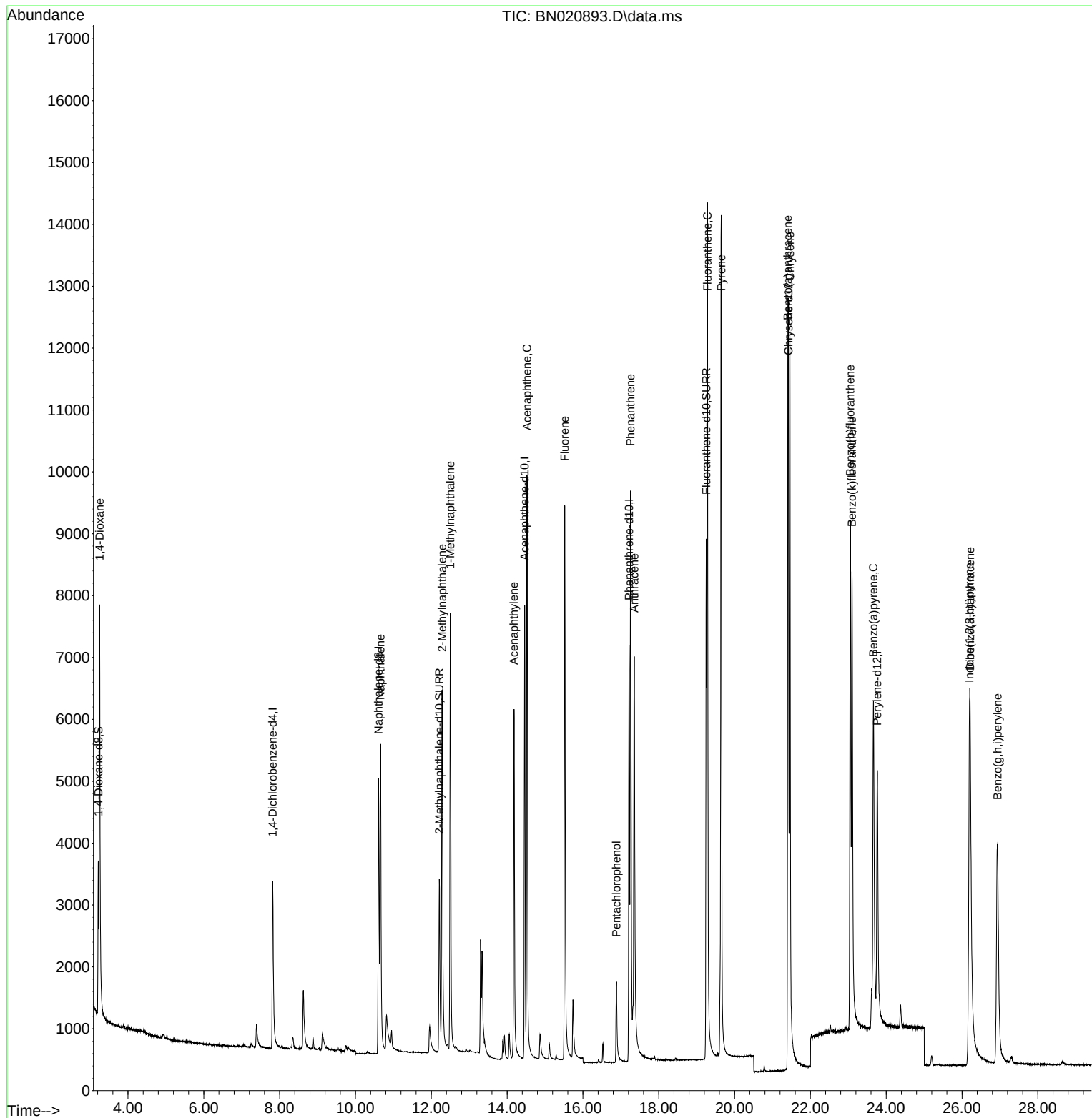
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.817	152	2015	0.400	ng/ul	0.00
4) Naphthalene-d8	10.611	136	6990	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.464	164	4386	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.216	188	9166	0.400	ng/ul	0.00
17) Chrysene-d12	21.421	240	7810	0.400	ng/ul	0.00
23) Perylene-d12	23.765	264	6278	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.218	96	1717	0.709	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.211	152	4425	0.417	ng/ul	0.00
18) Fluoranthene-d10	19.252	212	10458	0.419	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	4400	1.769	ng/ul#	82
5) Naphthalene	10.660	128	8029	0.366	ng/ul	100
7) 2-Methylnaphthalene	12.288	142	5168	0.373	ng/ul	100
8) 1-Methylnaphthalene	12.502	142	5577	0.416	ng/ul	100
10) Acenaphthylene	14.181	152	7782	0.357	ng/ul	99
11) Acenaphthene	14.524	153	6254	0.355	ng/ul	99
12) Fluorene	15.518	166	7067	0.365	ng/ul	100
14) Pentachlorophenol	16.882	266	1223	0.886	ng/ul	97
15) Phenanthrene	17.258	178	11771	0.350	ng/ul	99
16) Anthracene	17.355	178	9697	0.360	ng/ul	100
19) Fluoranthene	19.284	202	13483	0.369	ng/ul	97
20) Pyrene	19.647	202	13952	0.366	ng/ul	99
21) Benzo(a)anthracene	21.406	228	9954	0.386	ng/ul	99
22) Chrysene	21.459	228	12339	0.371	ng/ul	100
24) Benzo(b)fluoranthene	23.052	252	11457	0.385	ng/ul	98
25) Benzo(k)fluoranthene	23.098	252	11434	0.372	ng/ul	99
26) Benzo(a)pyrene	23.663	252	10163	0.371	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.192	276	10670	0.370	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.215	278	8337	0.379	ng/ul	98
29) Benzo(g,h,i)perylene	26.936	276	9620	0.370	ng/ul	98

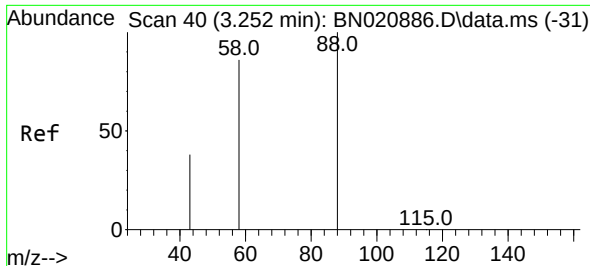
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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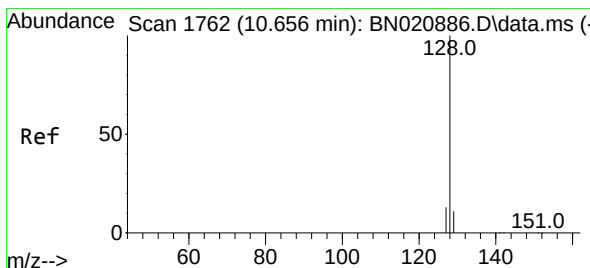
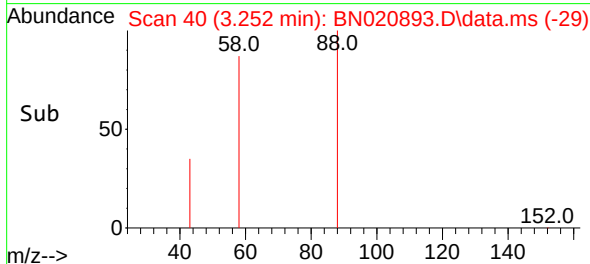
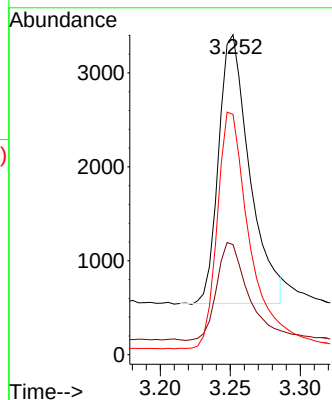
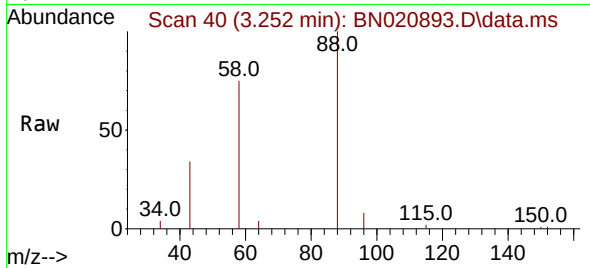




#2
 1,4-Dioxane
 Concen: 1.769 ng/ul
 RT: 3.252 min Scan# 40
 Delta R.T. -0.004 min
 Lab File: BN020893.D
 Acq: 27 Jul 2022 11:18

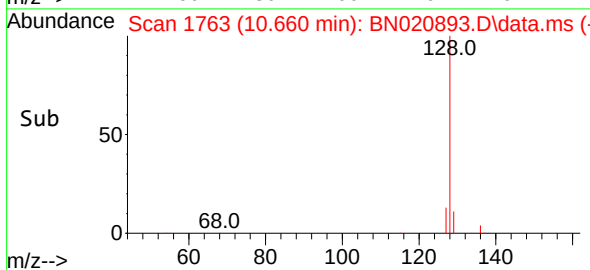
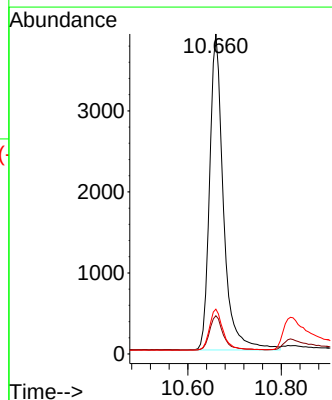
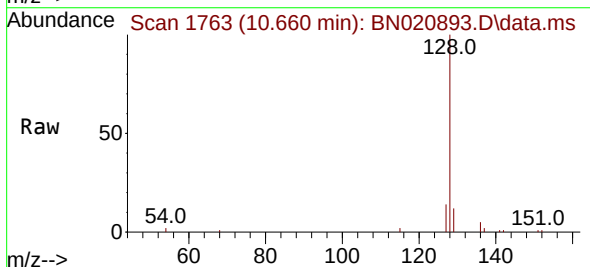
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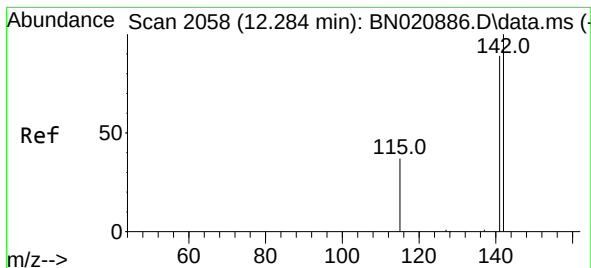
Tgt Ion: 88 Resp: 4400
 Ion Ratio Lower Upper
 88 100
 43 34.4 32.5 48.7
 58 75.1 46.2 69.2#



#5
 Naphthalene
 Concen: 0.366 ng/ul
 RT: 10.660 min Scan# 1763
 Delta R.T. -0.007 min
 Lab File: BN020893.D
 Acq: 27 Jul 2022 11:18

Tgt Ion: 128 Resp: 8029
 Ion Ratio Lower Upper
 128 100
 129 12.0 9.5 14.3
 127 14.0 11.3 16.9

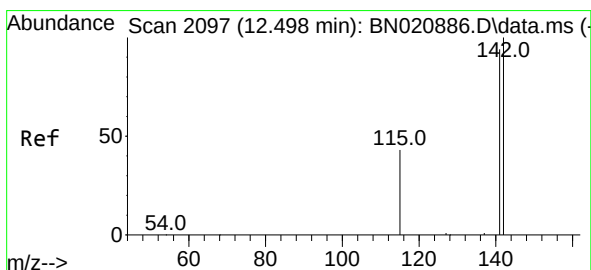
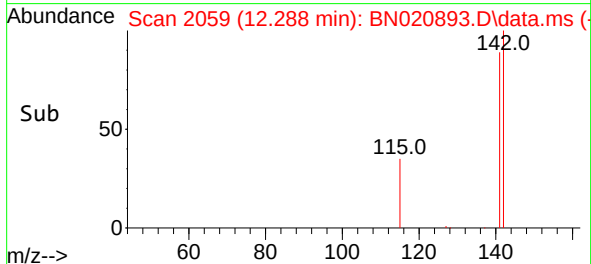
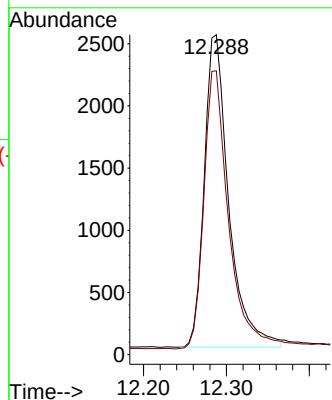
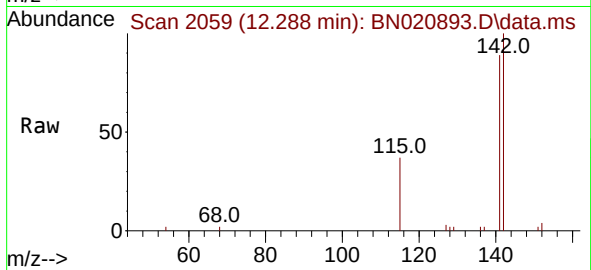




#7
2-Methylnaphthalene
Concen: 0.373 ng/ul
RT: 12.288 min Scan# 2059
Delta R.T. -0.007 min
Lab File: BN020893.D
Acq: 27 Jul 2022 11:18

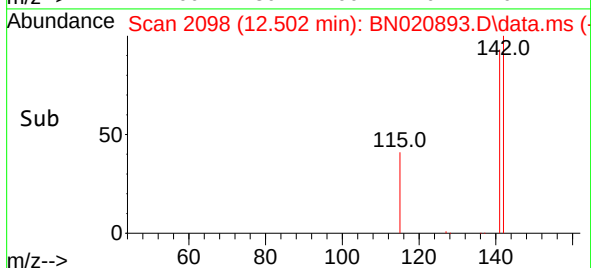
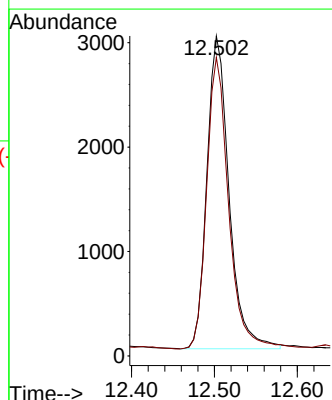
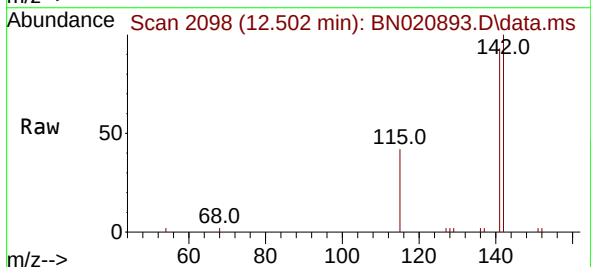
Instrument :
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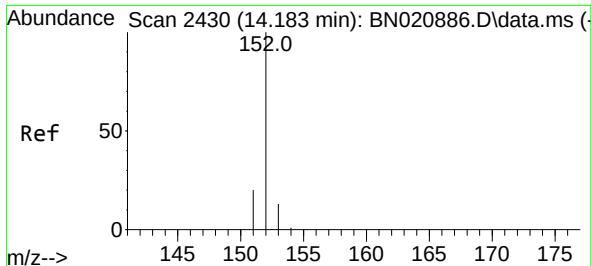
Tgt Ion:142 Resp: 5168
Ion Ratio Lower Upper
142 100
141 90.0 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.416 ng/ul
RT: 12.502 min Scan# 2098
Delta R.T. -0.007 min
Lab File: BN020893.D
Acq: 27 Jul 2022 11:18

Tgt Ion:142 Resp: 5577
Ion Ratio Lower Upper
142 100
141 91.8 73.7 110.5

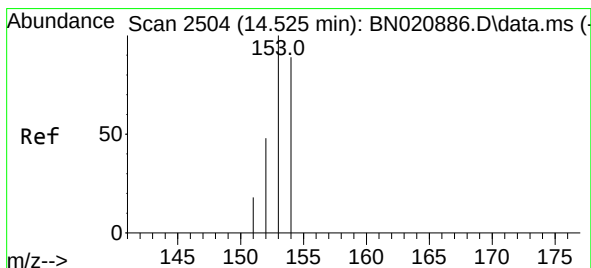
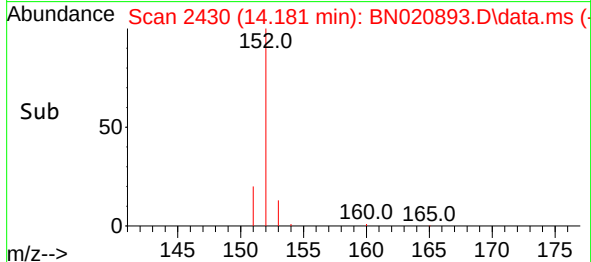
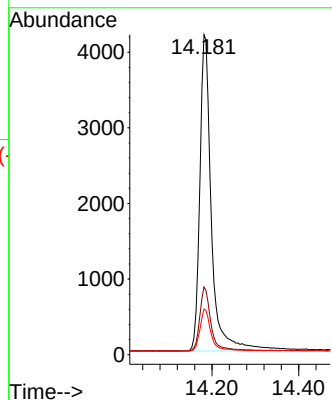
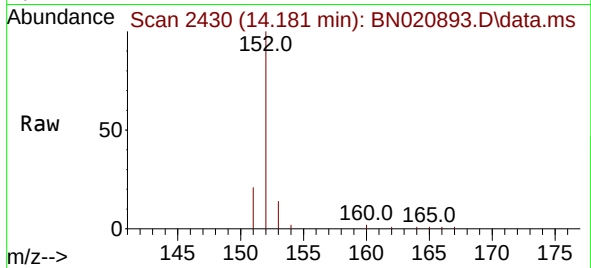




#10
Acenaphthylene
Concen: 0.357 ng/ul
RT: 14.181 min Scan# 2430
Delta R.T. -0.006 min
Lab File: BN020893.D
Acq: 27 Jul 2022 11:18

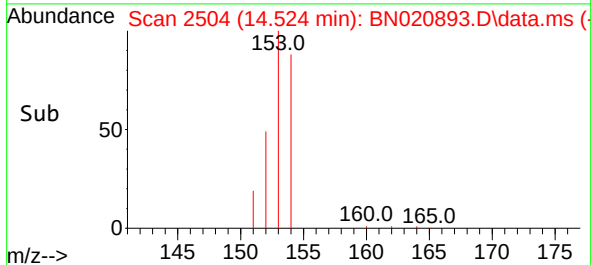
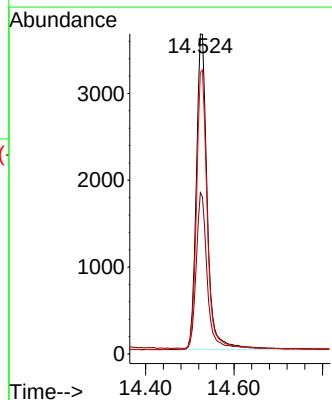
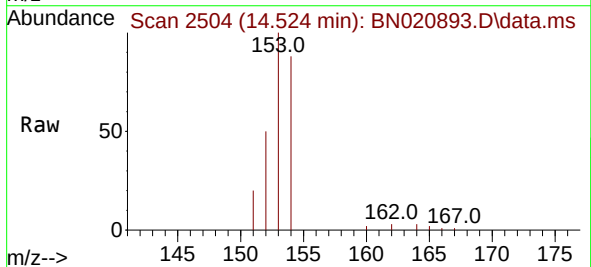
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BNA_N
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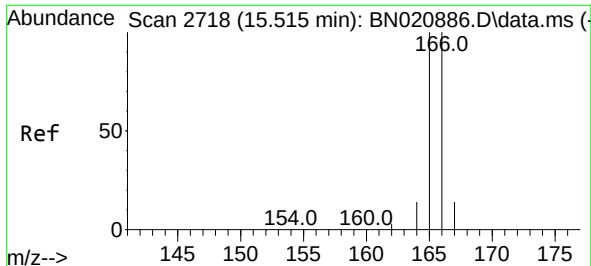
Tgt Ion:152 Resp: 7782
Ion Ratio Lower Upper
152 100
151 21.2 16.5 24.7
153 14.2 11.1 16.7



#11
Acenaphthene
Concen: 0.355 ng/ul
RT: 14.524 min Scan# 2504
Delta R.T. -0.006 min
Lab File: BN020893.D
Acq: 27 Jul 2022 11:18

Tgt Ion:153 Resp: 6254
Ion Ratio Lower Upper
153 100
152 50.4 40.0 60.0
154 88.0 70.0 105.0

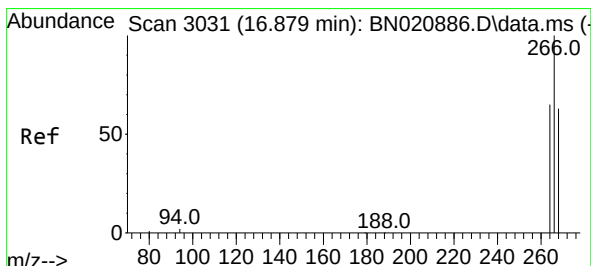
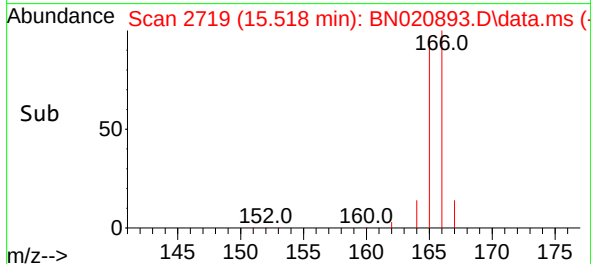
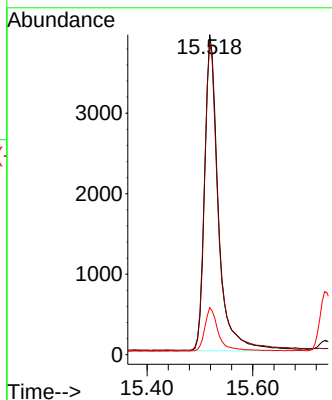
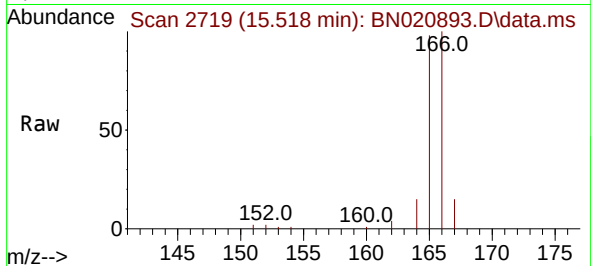




#12
 Fluorene
 Concen: 0.365 ng/ul
 RT: 15.518 min Scan# 2718
 Delta R.T. -0.006 min
 Lab File: BN020893.D
 Acq: 27 Jul 2022 11:18

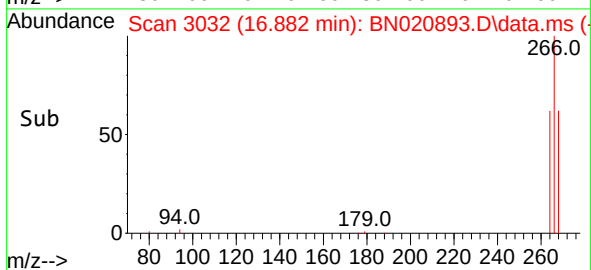
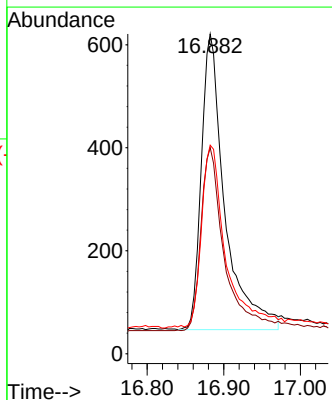
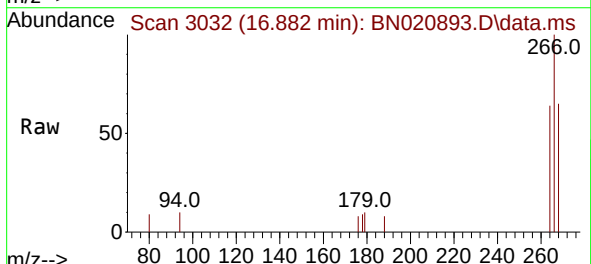
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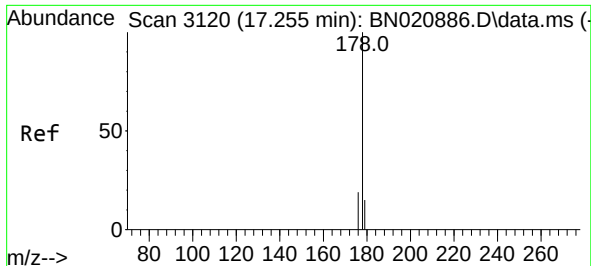
Tgt Ion:166 Resp: 7067
 Ion Ratio Lower Upper
 166 100
 165 97.7 78.2 117.2
 167 14.7 11.3 16.9



#14
 Pentachlorophenol
 Concen: 0.886 ng/ul
 RT: 16.882 min Scan# 3032
 Delta R.T. -0.010 min
 Lab File: BN020893.D
 Acq: 27 Jul 2022 11:18

Tgt Ion:266 Resp: 1223
 Ion Ratio Lower Upper
 266 100
 264 61.3 51.6 77.4
 268 63.0 51.5 77.3

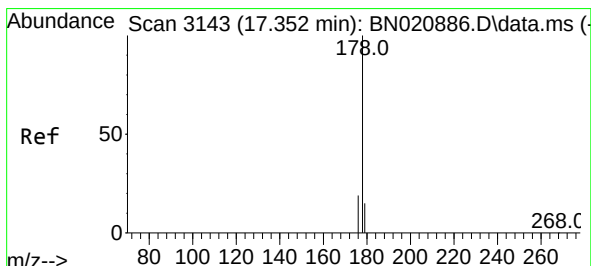
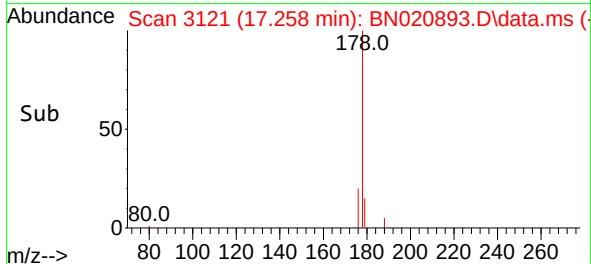
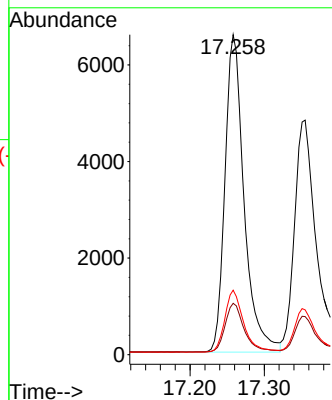
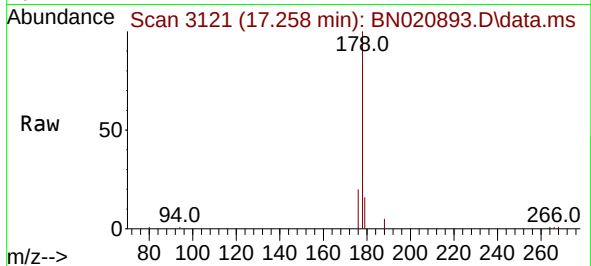




#15
Phenanthrene
Concen: 0.350 ng/ul
RT: 17.258 min Scan# 3120
Delta R.T. -0.005 min
Lab File: BN020893.D
Acq: 27 Jul 2022 11:18

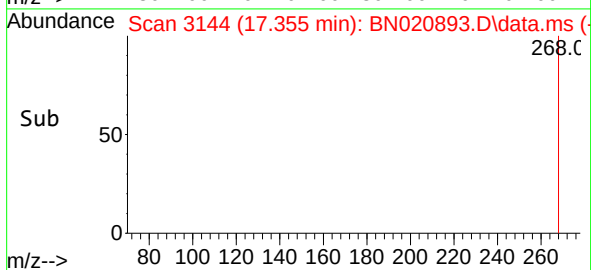
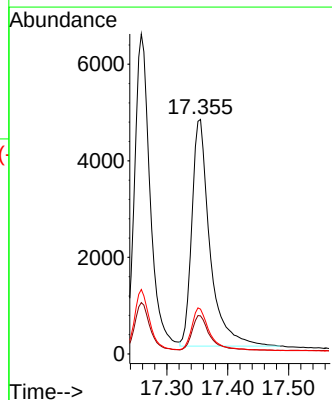
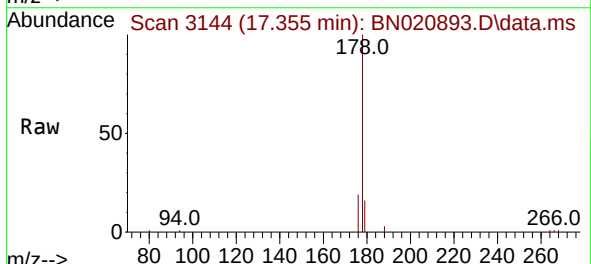
Instrument :
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ClientSampleId :
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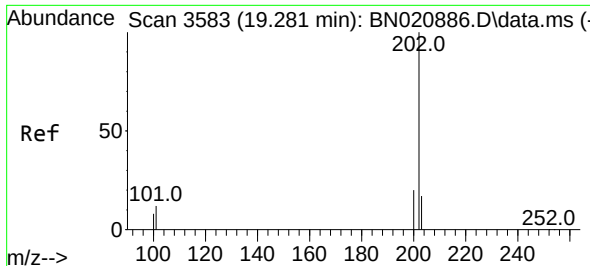
Tgt Ion:178 Resp: 11771
Ion Ratio Lower Upper
178 100
179 16.0 12.6 18.8
176 20.1 15.8 23.6



#16
Anthracene
Concen: 0.360 ng/ul
RT: 17.355 min Scan# 3144
Delta R.T. -0.001 min
Lab File: BN020893.D
Acq: 27 Jul 2022 11:18

Tgt Ion:178 Resp: 9697
Ion Ratio Lower Upper
178 100
179 16.2 12.8 19.2
176 19.1 15.2 22.8

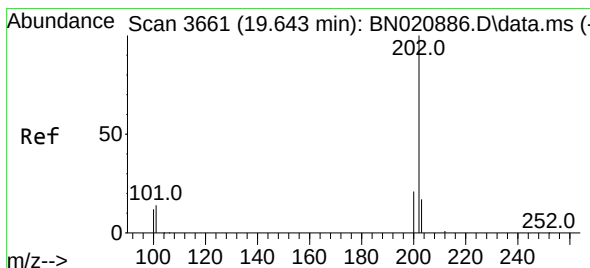
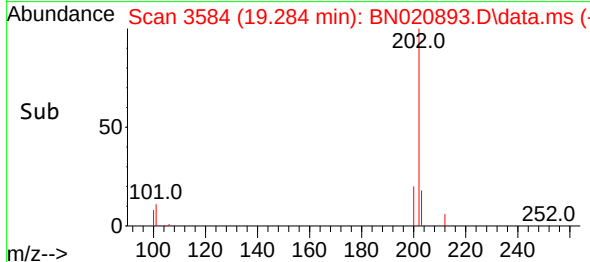
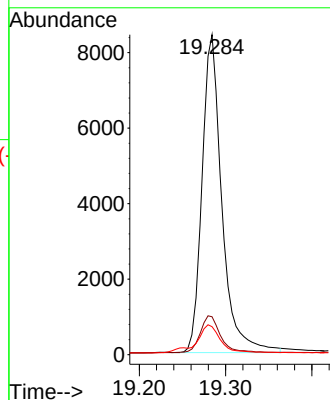
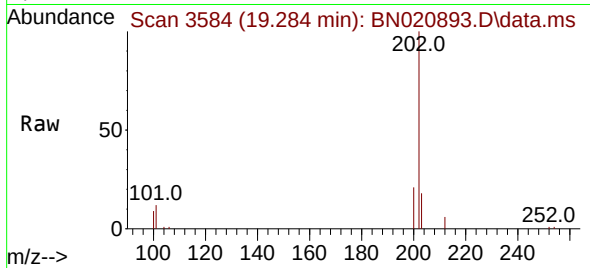




#19
Fluoranthene
Concen: 0.369 ng/ul
RT: 19.284 min Scan# 3583
Delta R.T. -0.006 min
Lab File: BN020893.D
Acq: 27 Jul 2022 11:18

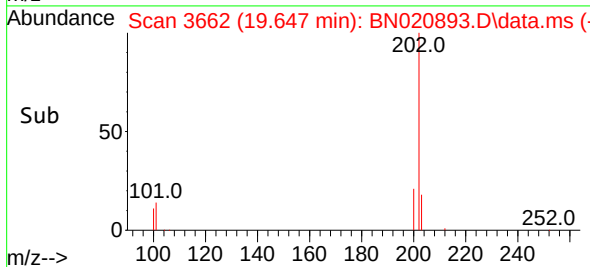
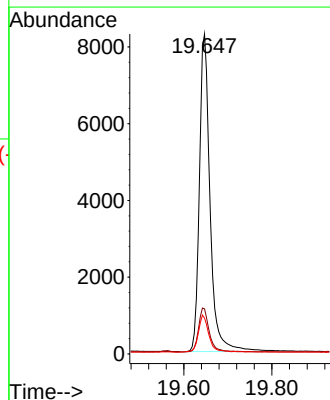
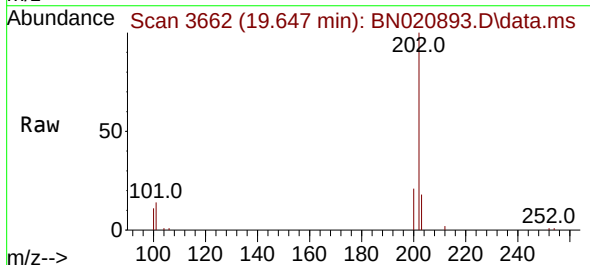
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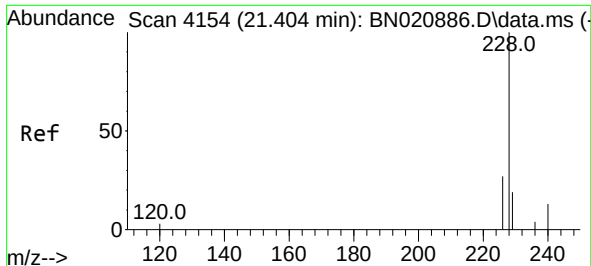
Tgt Ion:202 Resp: 13483
Ion Ratio Lower Upper
202 100
101 11.8 10.3 15.5
100 8.7 7.8 11.6



#20
Pyrene
Concen: 0.366 ng/ul
RT: 19.647 min Scan# 3662
Delta R.T. -0.006 min
Lab File: BN020893.D
Acq: 27 Jul 2022 11:18

Tgt Ion:202 Resp: 13952
Ion Ratio Lower Upper
202 100
101 14.1 11.6 17.4
100 11.2 9.2 13.8

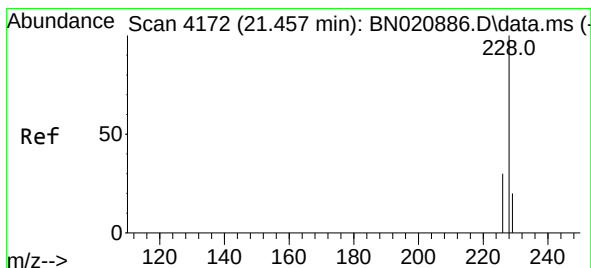
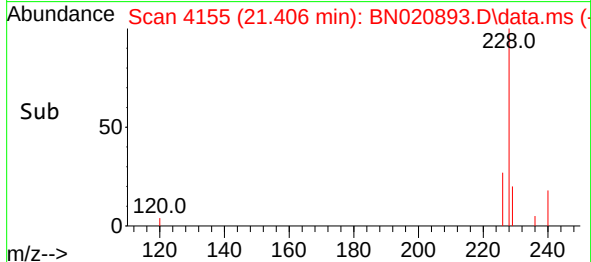
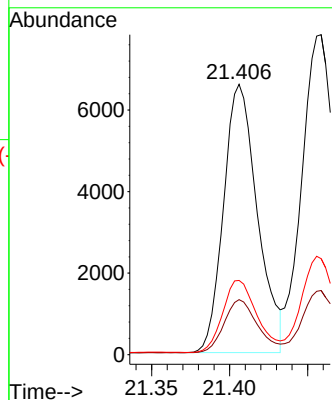
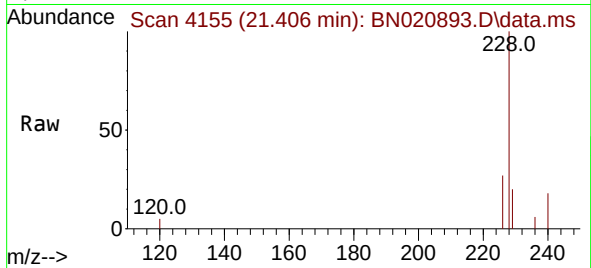




#21
Benzo(a)anthracene
Concen: 0.386 ng/ul
RT: 21.406 min Scan# 4155
Delta R.T. -0.010 min
Lab File: BN020893.D
Acq: 27 Jul 2022 11:18

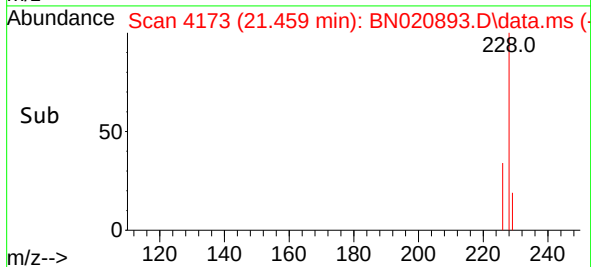
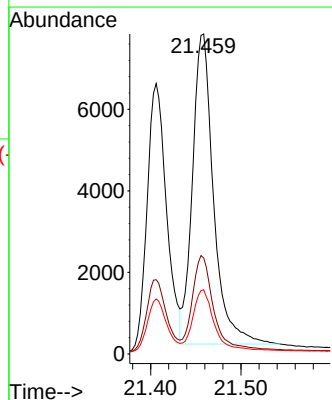
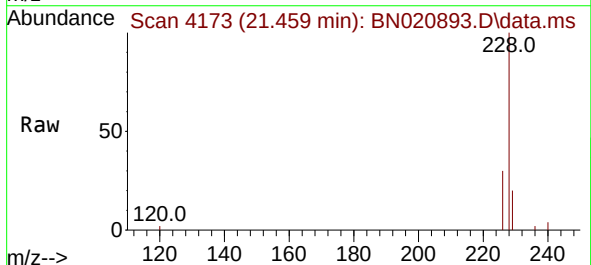
Instrument :
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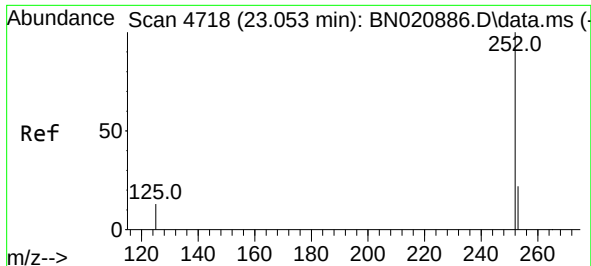
Tgt Ion:228 Resp: 9954
Ion Ratio Lower Upper
228 100
229 20.4 15.9 23.9
226 27.4 22.2 33.2



#22
Chrysene
Concen: 0.371 ng/ul
RT: 21.459 min Scan# 4173
Delta R.T. -0.007 min
Lab File: BN020893.D
Acq: 27 Jul 2022 11:18

Tgt Ion:228 Resp: 12339
Ion Ratio Lower Upper
228 100
226 30.0 23.9 35.9
229 20.1 15.8 23.8

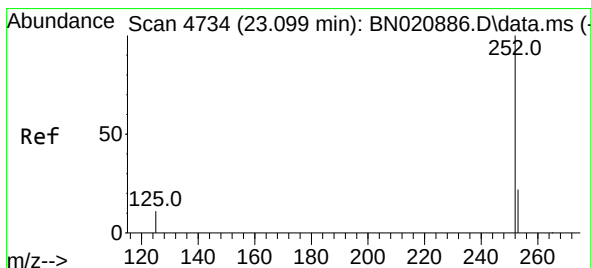
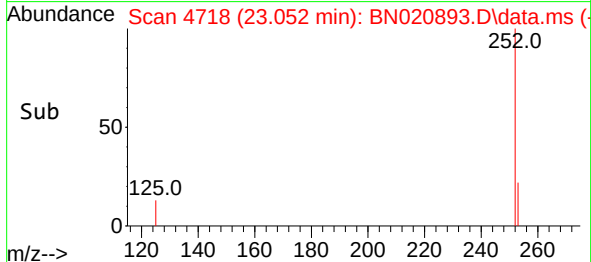
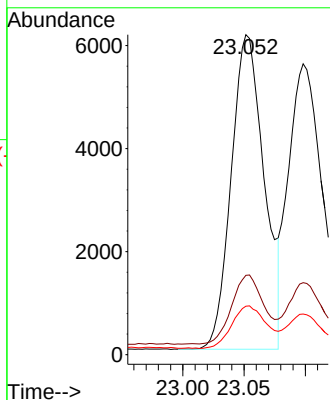
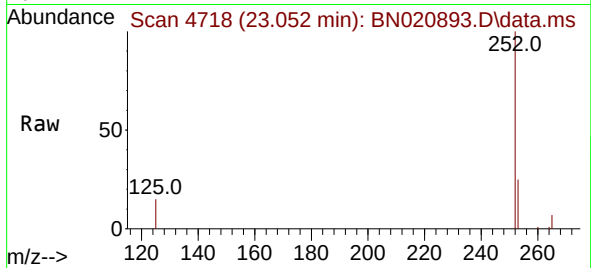




#24
Benzo(b)fluoranthene
Concen: 0.385 ng/ul
RT: 23.052 min Scan# 4718
Delta R.T. -0.013 min
Lab File: BN020893.D
Acq: 27 Jul 2022 11:18

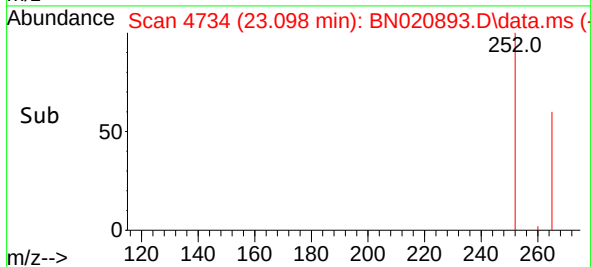
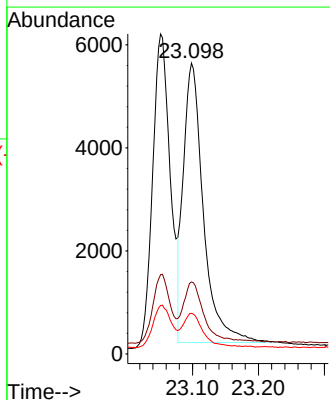
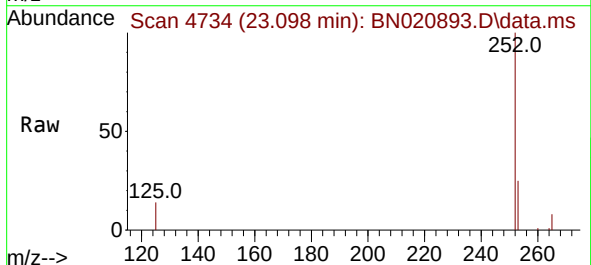
Instrument :
BNA_N
ClientSampleId :
SLCS458

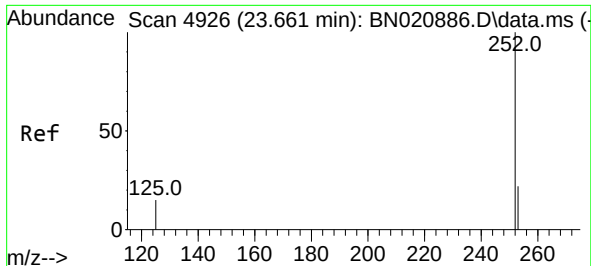
Tgt Ion:252 Resp: 11457
Ion Ratio Lower Upper
252 100
253 24.8 0.0 48.6
125 15.1 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.372 ng/ul
RT: 23.098 min Scan# 4734
Delta R.T. -0.010 min
Lab File: BN020893.D
Acq: 27 Jul 2022 11:18

Tgt Ion:252 Resp: 11434
Ion Ratio Lower Upper
252 100
253 24.7 19.7 29.5
125 14.0 12.0 18.0

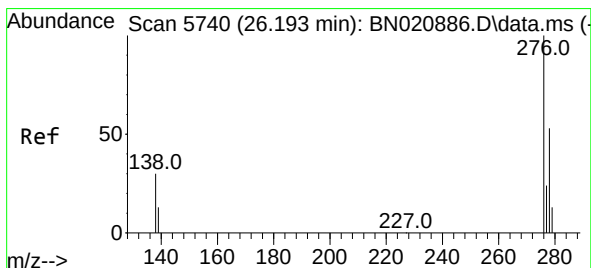
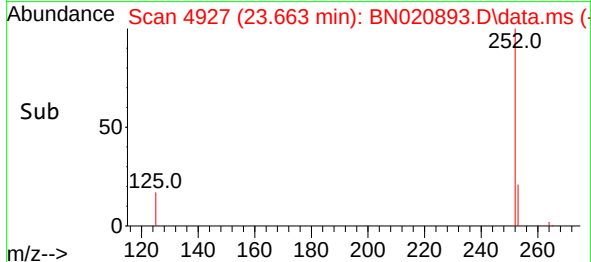
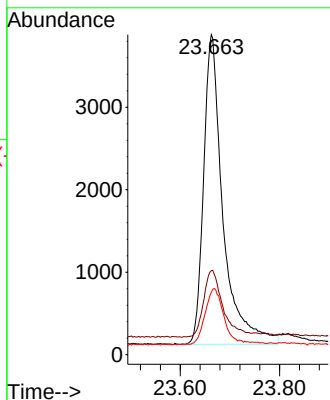
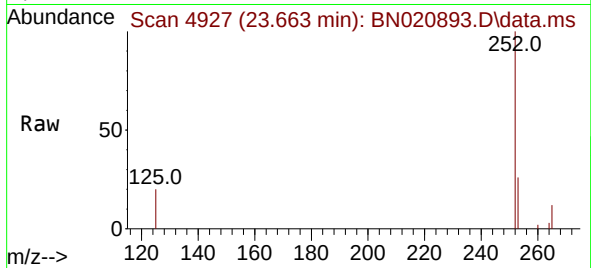




#26
Benzo(a)pyrene
Concen: 0.371 ng/ul
RT: 23.663 min Scan# 4926
Delta R.T. -0.013 min
Lab File: BN020893.D
Acq: 27 Jul 2022 11:18

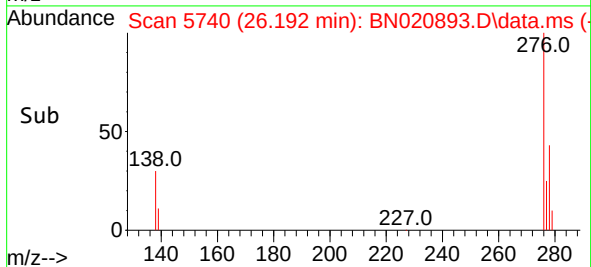
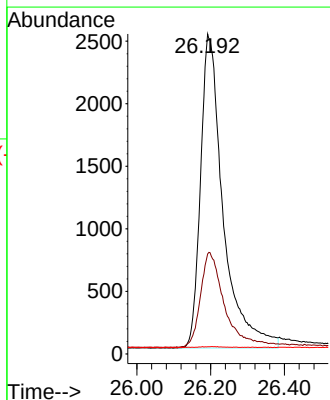
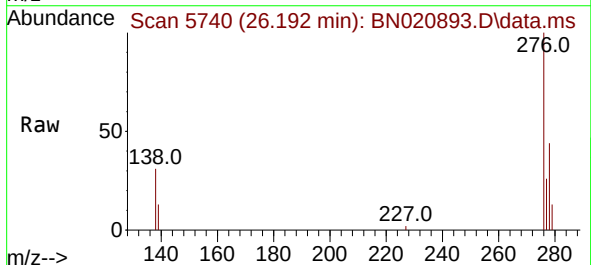
Instrument :
BNA_N
ClientSampleId :
SLCS458

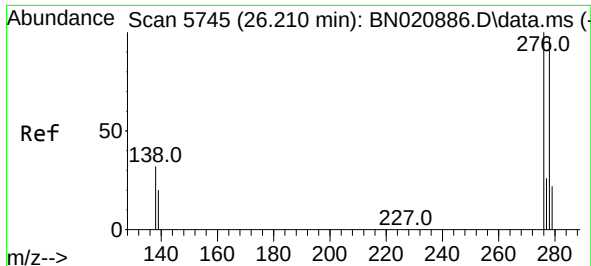
Tgt Ion:252 Resp: 10163
Ion Ratio Lower Upper
252 100
253 26.3 21.0 31.4
125 19.5 18.8 28.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.370 ng/ul
RT: 26.192 min Scan# 5740
Delta R.T. -0.018 min
Lab File: BN020893.D
Acq: 27 Jul 2022 11:18

Tgt Ion:276 Resp: 10670
Ion Ratio Lower Upper
276 100
138 32.3 27.4 41.2
227 0.2 0.2 0.2#

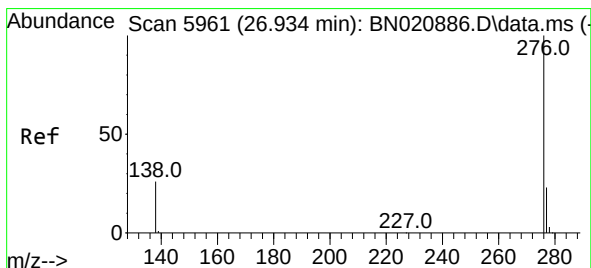
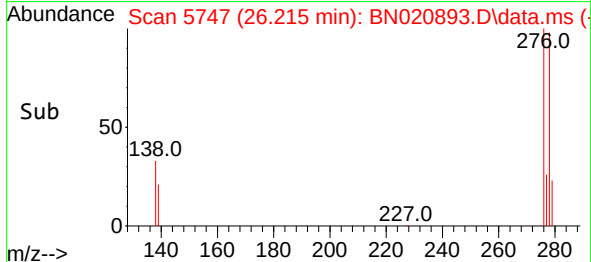
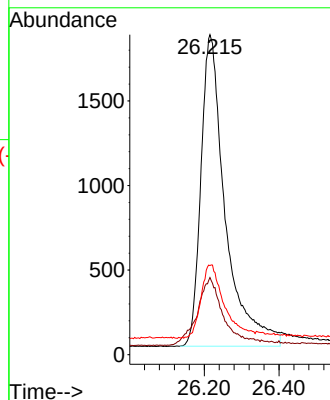
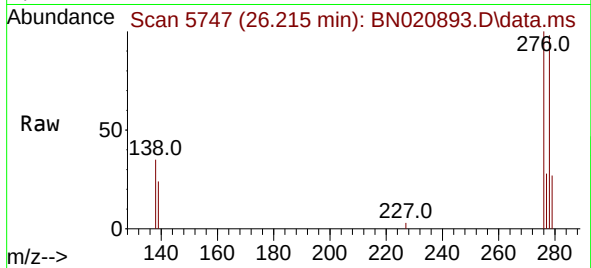




#28
Dibenzo(a,h)anthracene
Concen: 0.379 ng/ul
RT: 26.215 min Scan# 51
Delta R.T. -0.015 min
Lab File: BN020893.D
Acq: 27 Jul 2022 11:18

Instrument :
BNA_N
ClientSampleId :
SLCS458

Tgt Ion:278 Resp: 8337
Ion Ratio Lower Upper
278 100
139 24.1 18.8 28.2
279 27.9 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.370 ng/ul
RT: 26.936 min Scan# 5962
Delta R.T. -0.011 min
Lab File: BN020893.D
Acq: 27 Jul 2022 11:18

Tgt Ion:276 Resp: 9620
Ion Ratio Lower Upper
276 100
138 27.6 23.5 35.3
277 25.4 20.1 30.1

