

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072522\
 Data File : BN020890.D
 Acq On : 27 Jul 2022 09:28
 Operator : CG/JU
 Sample : PB146444BS
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS444

Quant Time: Jul 27 18:02:03 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)

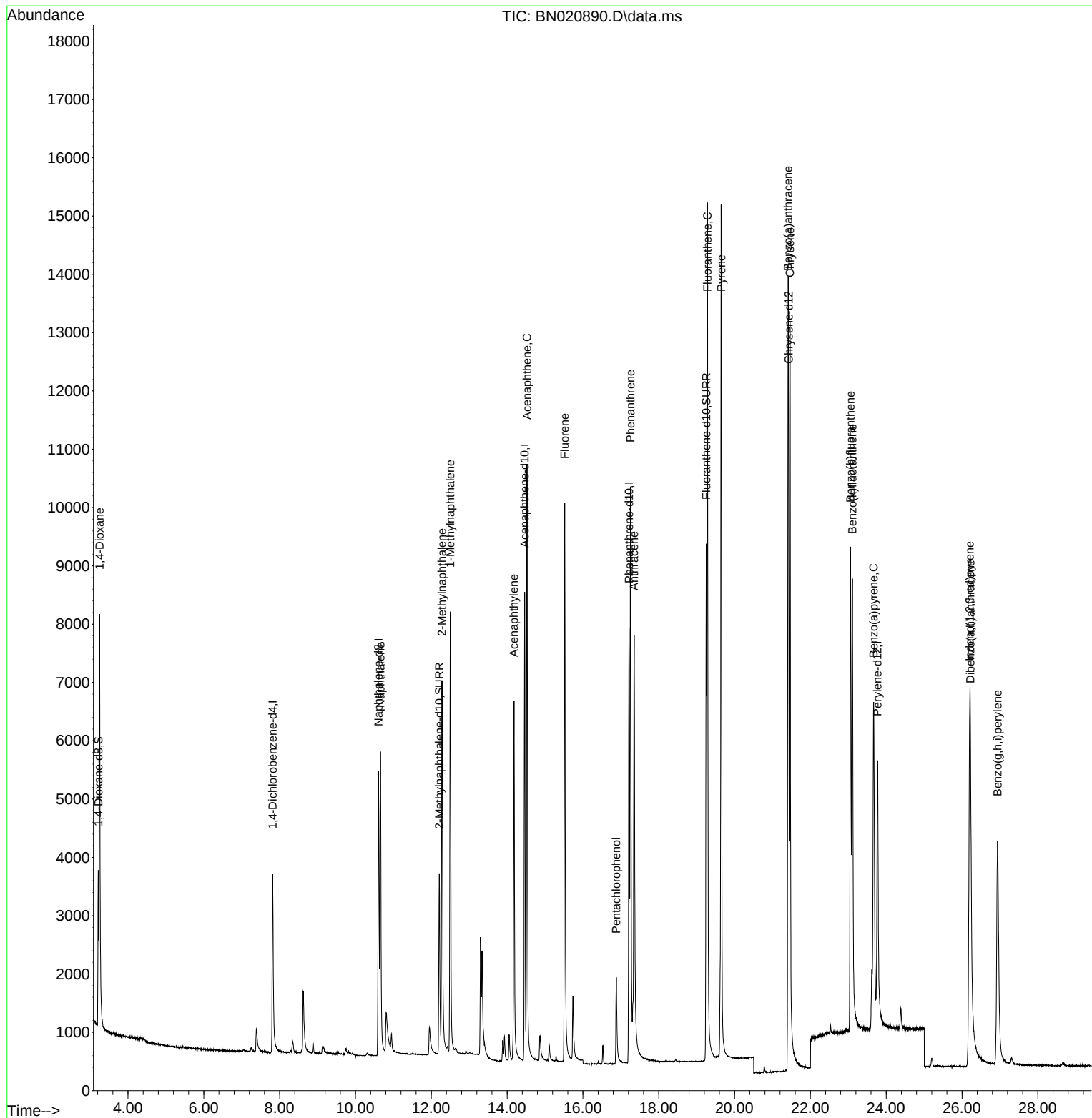
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.817	152	2215	0.400	ng/ul	0.00
4) Naphthalene-d8	10.611	136	7773	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.464	164	4860	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.216	188	10208	0.400	ng/ul	0.00
17) Chrysene-d12	21.426	240	8561	0.400	ng/ul	0.00
23) Perylene-d12	23.770	264	6985	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.218	96	1892	0.711	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.211	152	4820	0.408	ng/ul	0.00
18) Fluoranthene-d10	19.251	212	11163	0.408	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.248	88	4617	1.688	ng/ul#	79
5) Naphthalene	10.660	128	8463	0.347	ng/ul	99
7) 2-Methylnaphthalene	12.282	142	5540	0.360	ng/ul	99
8) 1-Methylnaphthalene	12.502	142	5904	0.396	ng/ul	99
10) Acenaphthylene	14.181	152	8278	0.342	ng/ul	99
11) Acenaphthene	14.524	153	6651	0.340	ng/ul	100
12) Fluorene	15.518	166	7466	0.348	ng/ul	98
14) Pentachlorophenol	16.878	266	1385	0.901	ng/ul	97
15) Phenanthrene	17.258	178	12366	0.330	ng/ul	99
16) Anthracene	17.351	178	10303	0.344	ng/ul	99
19) Fluoranthene	19.284	202	14007	0.349	ng/ul	98
20) Pyrene	19.646	202	14448	0.345	ng/ul	100
21) Benzo(a)anthracene	21.411	228	10595	0.375	ng/ul	99
22) Chrysene	21.461	228	12741	0.350	ng/ul	100
24) Benzo(b)fluoranthene	23.057	252	11746	0.355	ng/ul	97
25) Benzo(k)fluoranthene	23.107	252	12003	0.351	ng/ul	99
26) Benzo(a)pyrene	23.668	252	10656	0.349	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	26.201	276	11056	0.344	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.222	278	8683	0.355	ng/ul	99
29) Benzo(g,h,i)perylene	26.939	276	9989	0.345	ng/ul	99

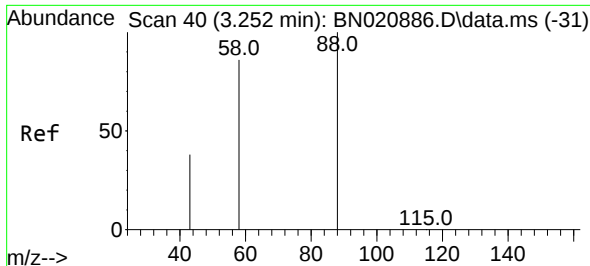
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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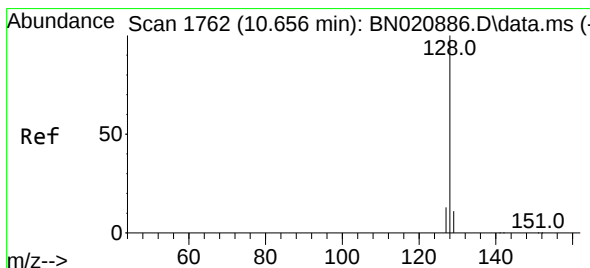
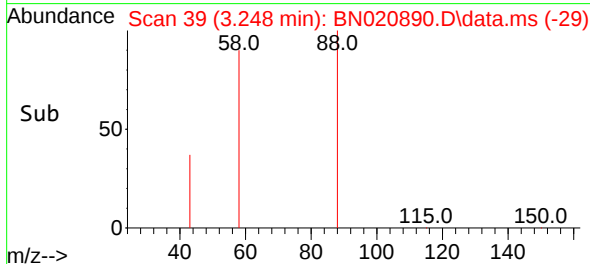
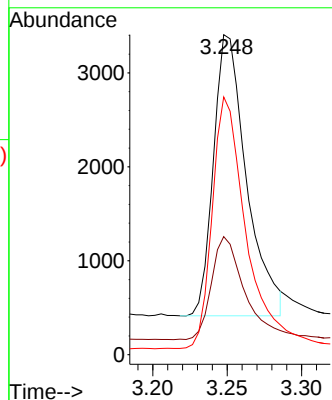
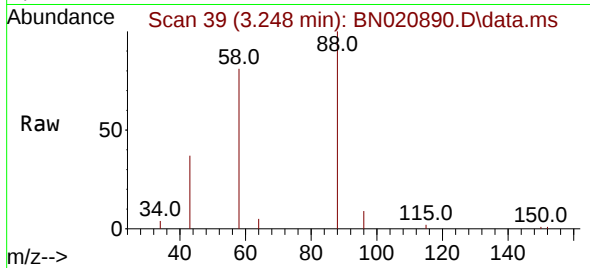




#2
 1,4-Dioxane
 Concen: 1.688 ng/ul
 RT: 3.248 min Scan# 39
 Delta R.T. -0.008 min
 Lab File: BN020890.D
 Acq: 27 Jul 2022 09:28

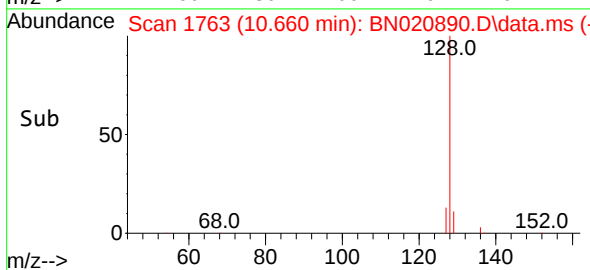
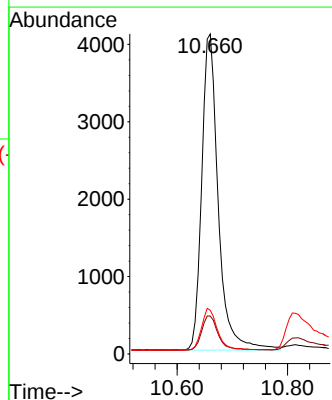
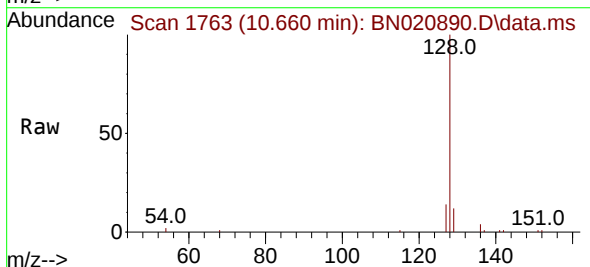
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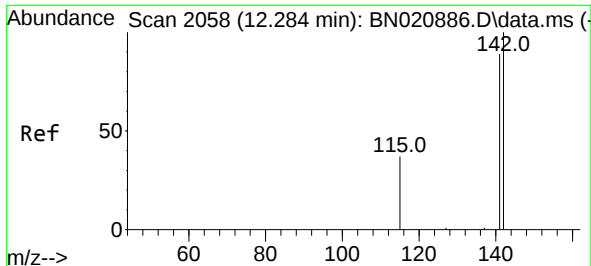
Tgt Ion: 88 Resp: 4617
 Ion Ratio Lower Upper
 88 100
 43 36.9 32.5 48.7
 58 80.6 46.2 69.2#



#5
 Naphthalene
 Concen: 0.347 ng/ul
 RT: 10.660 min Scan# 1763
 Delta R.T. -0.007 min
 Lab File: BN020890.D
 Acq: 27 Jul 2022 09:28

Tgt Ion:128 Resp: 8463
 Ion Ratio Lower Upper
 128 100
 129 11.9 9.5 14.3
 127 13.6 11.3 16.9

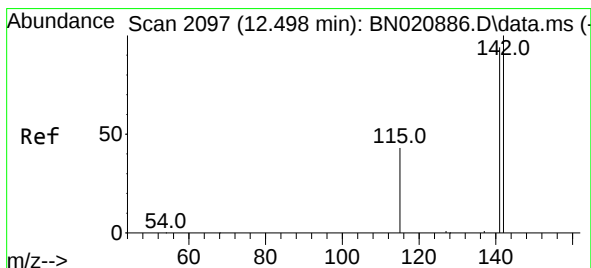
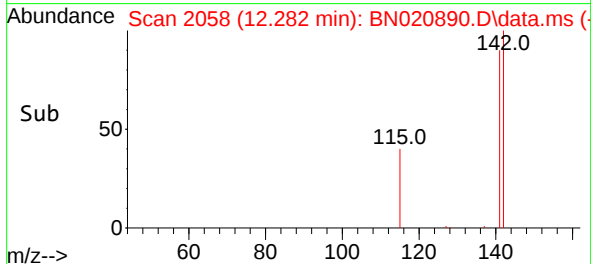
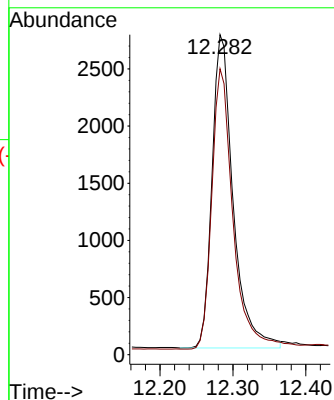
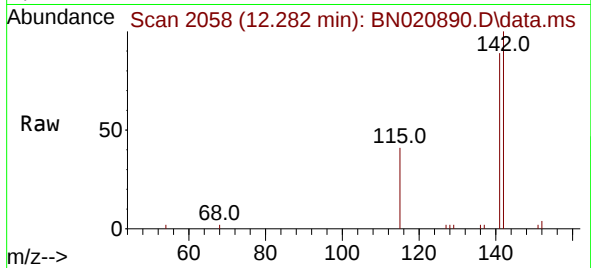




#7
2-Methylnaphthalene
Concen: 0.360 ng/ul
RT: 12.282 min Scan# 2058
Delta R.T. -0.012 min
Lab File: BN020890.D
Acq: 27 Jul 2022 09:28

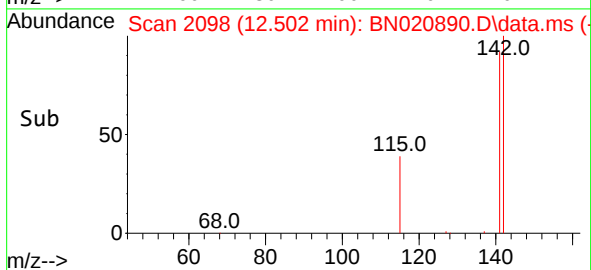
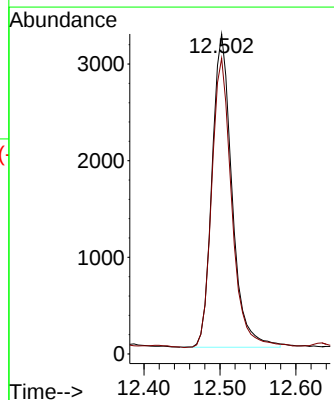
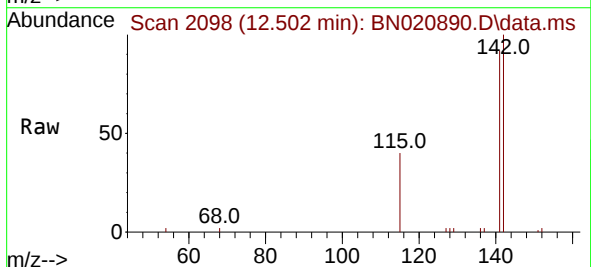
Instrument :
BNA_N
ClientSampleId :
SLCS444

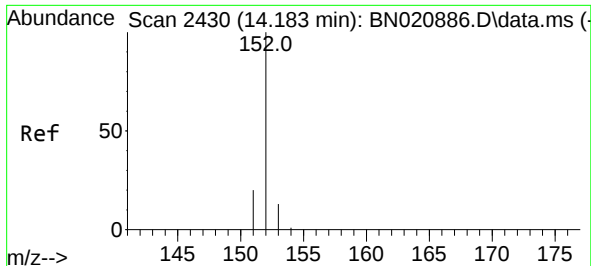
Tgt Ion:142 Resp: 5540
Ion Ratio Lower Upper
142 100
141 89.5 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.396 ng/ul
RT: 12.502 min Scan# 2098
Delta R.T. -0.007 min
Lab File: BN020890.D
Acq: 27 Jul 2022 09:28

Tgt Ion:142 Resp: 5904
Ion Ratio Lower Upper
142 100
141 92.6 73.7 110.5

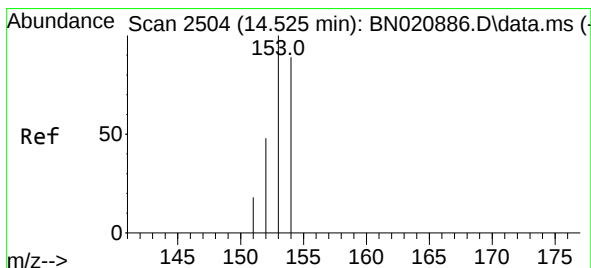
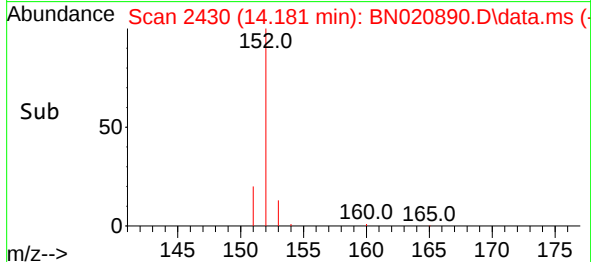
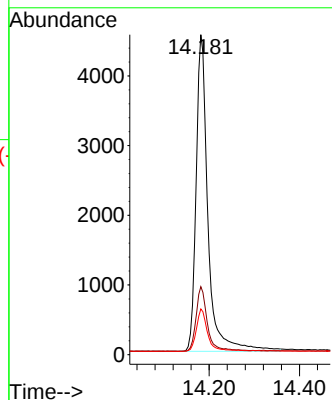
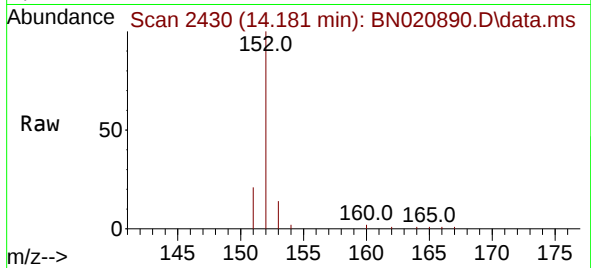




#10
Acenaphthylene
Concen: 0.342 ng/ul
RT: 14.181 min Scan# 2430
Delta R.T. -0.006 min
Lab File: BN020890.D
Acq: 27 Jul 2022 09:28

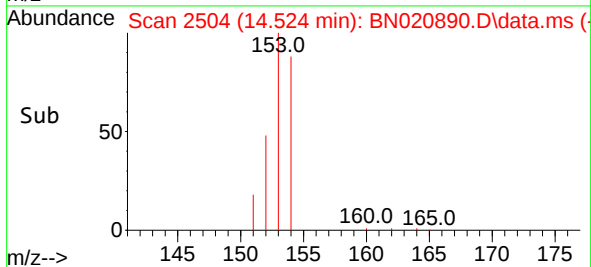
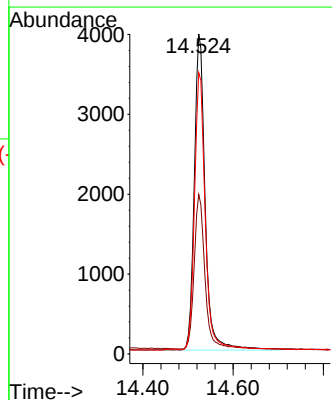
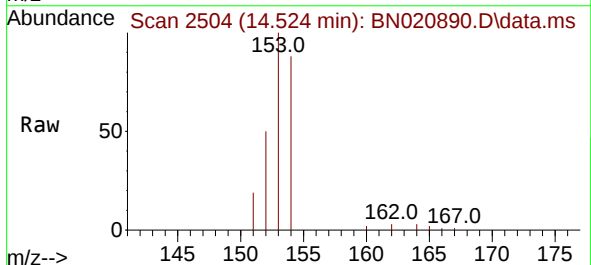
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BNA_N
ClientSampleId :
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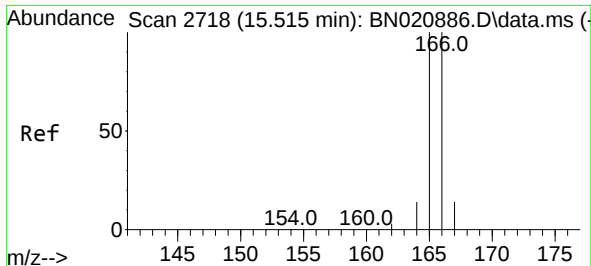
Tgt Ion:152 Resp: 8278
Ion Ratio Lower Upper
152 100
151 21.2 16.5 24.7
153 14.3 11.1 16.7



#11
Acenaphthene
Concen: 0.340 ng/ul
RT: 14.524 min Scan# 2504
Delta R.T. -0.006 min
Lab File: BN020890.D
Acq: 27 Jul 2022 09:28

Tgt Ion:153 Resp: 6651
Ion Ratio Lower Upper
153 100
152 49.9 40.0 60.0
154 87.9 70.0 105.0

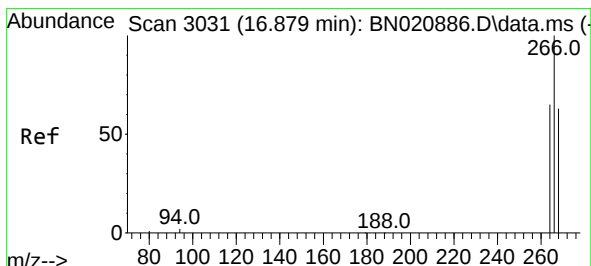
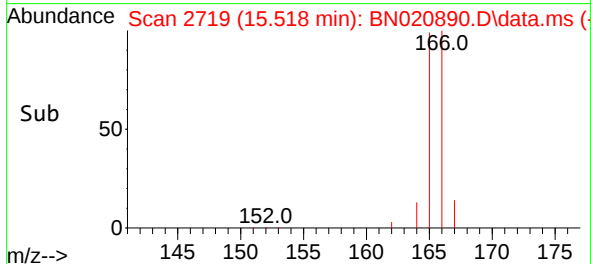
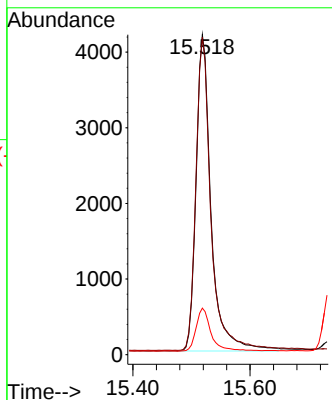
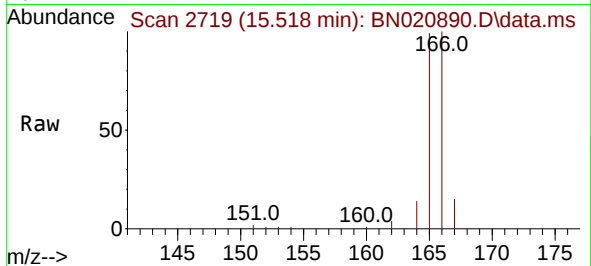




#12
 Fluorene
 Concen: 0.348 ng/ul
 RT: 15.518 min Scan# 2718
 Delta R.T. -0.006 min
 Lab File: BN020890.D
 Acq: 27 Jul 2022 09:28

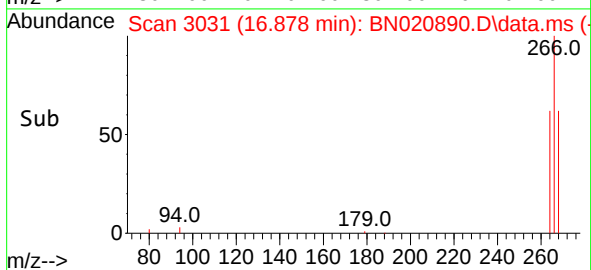
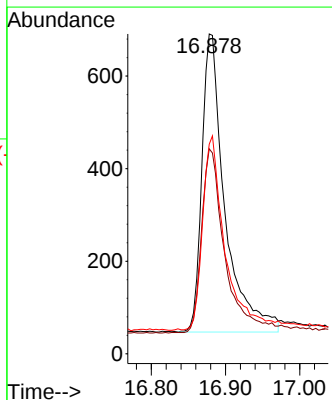
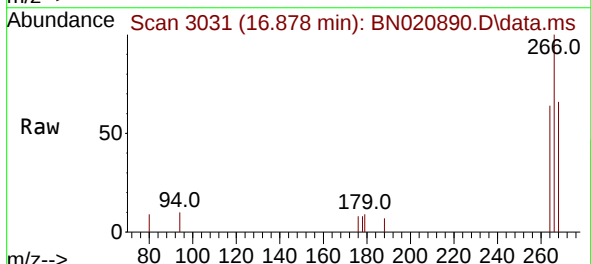
Instrument :
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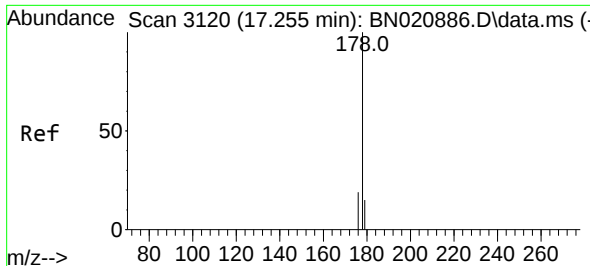
Tgt Ion:166 Resp: 7466
 Ion Ratio Lower Upper
 166 100
 165 99.2 78.2 117.2
 167 14.6 11.3 16.9



#14
 Pentachlorophenol
 Concen: 0.901 ng/ul
 RT: 16.878 min Scan# 3031
 Delta R.T. -0.014 min
 Lab File: BN020890.D
 Acq: 27 Jul 2022 09:28

Tgt Ion:266 Resp: 1385
 Ion Ratio Lower Upper
 266 100
 264 61.7 51.6 77.4
 268 63.0 51.5 77.3

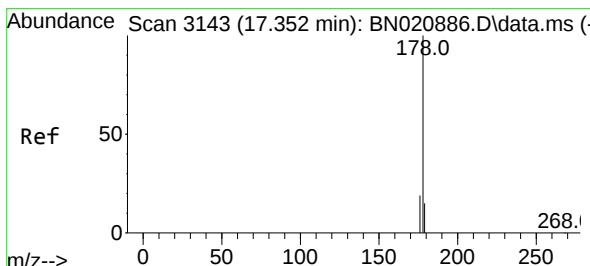
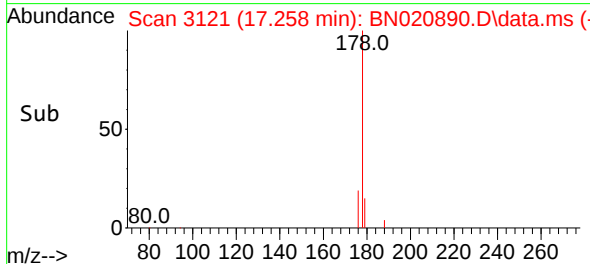
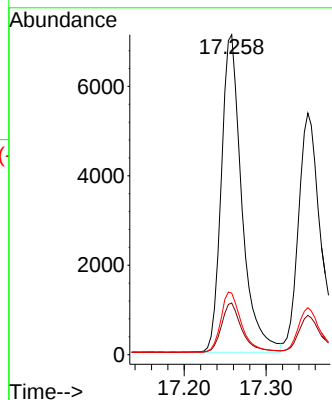
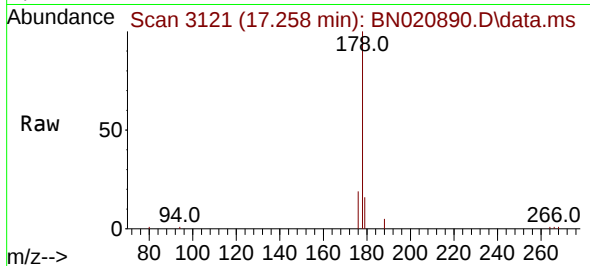




#15
Phenanthrene
Concen: 0.330 ng/ul
RT: 17.258 min Scan# 3120
Delta R.T. -0.005 min
Lab File: BN020890.D
Acq: 27 Jul 2022 09:28

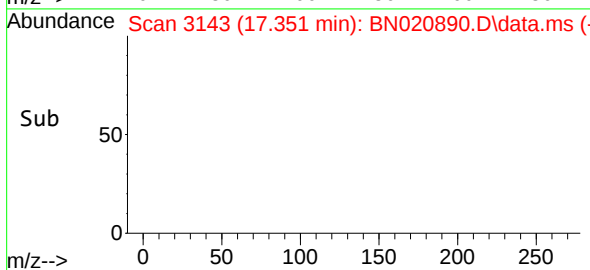
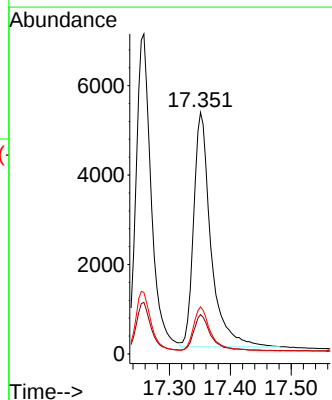
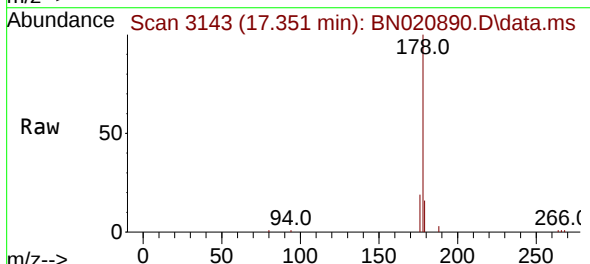
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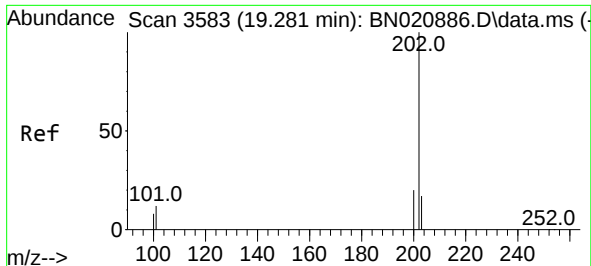
Tgt Ion:178 Resp: 12366
Ion Ratio Lower Upper
178 100
179 16.1 12.6 18.8
176 19.3 15.8 23.6



#16
Anthracene
Concen: 0.344 ng/ul
RT: 17.351 min Scan# 3143
Delta R.T. -0.005 min
Lab File: BN020890.D
Acq: 27 Jul 2022 09:28

Tgt Ion:178 Resp: 10303
Ion Ratio Lower Upper
178 100
179 16.3 12.8 19.2
176 19.5 15.2 22.8

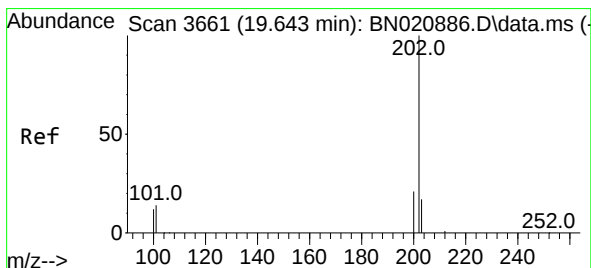
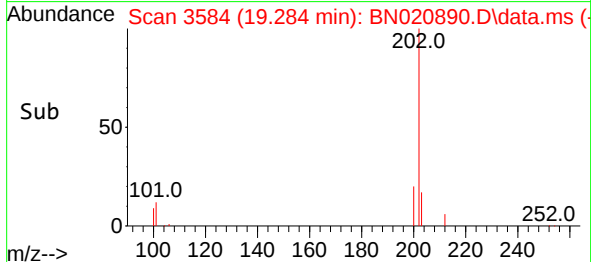
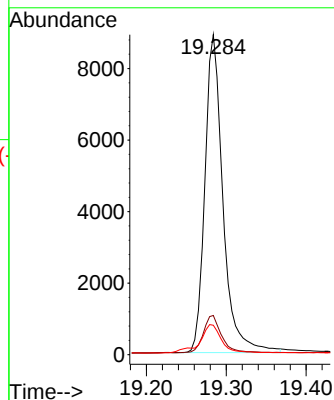
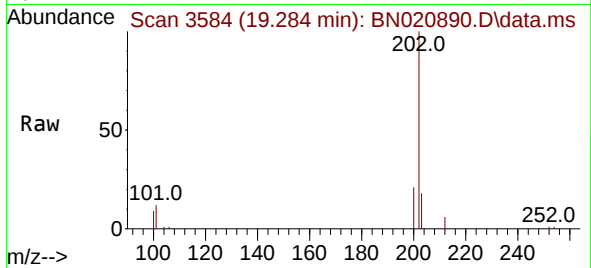




#19
Fluoranthene
Concen: 0.349 ng/ul
RT: 19.284 min Scan# 3583
Delta R.T. -0.006 min
Lab File: BN020890.D
Acq: 27 Jul 2022 09:28

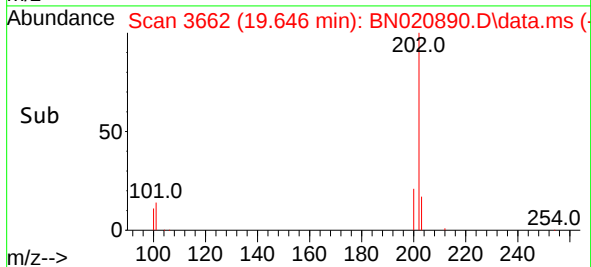
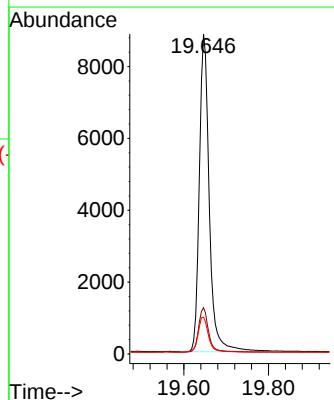
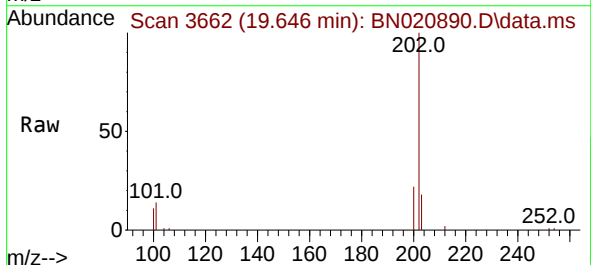
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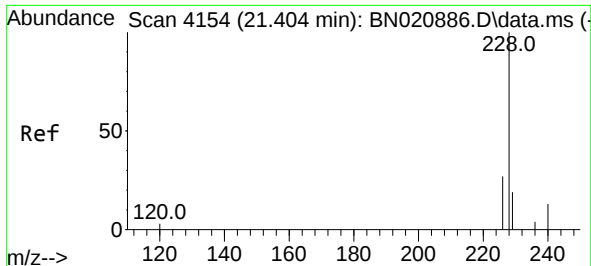
Tgt Ion:202 Resp: 14007
Ion Ratio Lower Upper
202 100
101 12.3 10.3 15.5
100 9.2 7.8 11.6



#20
Pyrene
Concen: 0.345 ng/ul
RT: 19.646 min Scan# 3662
Delta R.T. -0.006 min
Lab File: BN020890.D
Acq: 27 Jul 2022 09:28

Tgt Ion:202 Resp: 14448
Ion Ratio Lower Upper
202 100
101 14.4 11.6 17.4
100 11.5 9.2 13.8

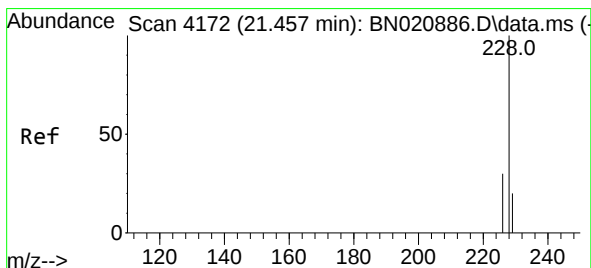
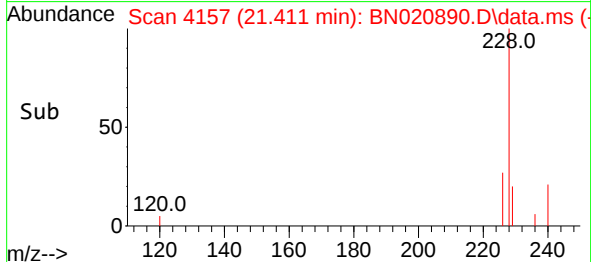
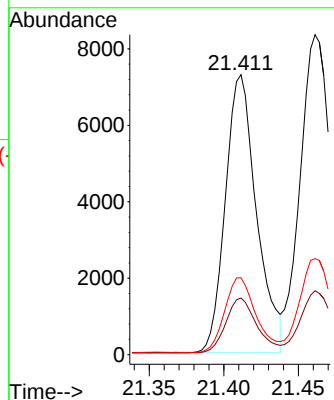
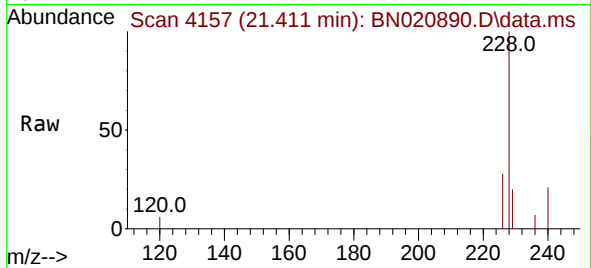




#21
Benzo(a)anthracene
Concen: 0.375 ng/ul
RT: 21.411 min Scan# 4157
Delta R.T. -0.005 min
Lab File: BN020890.D
Acq: 27 Jul 2022 09:28

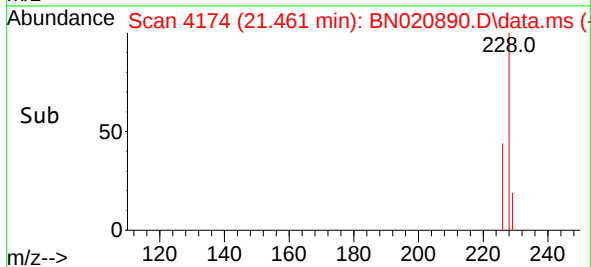
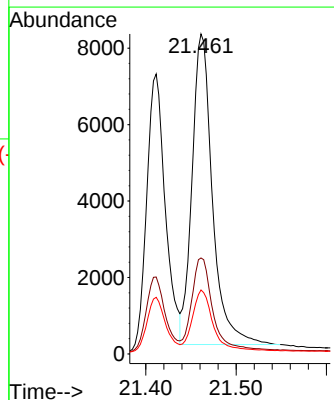
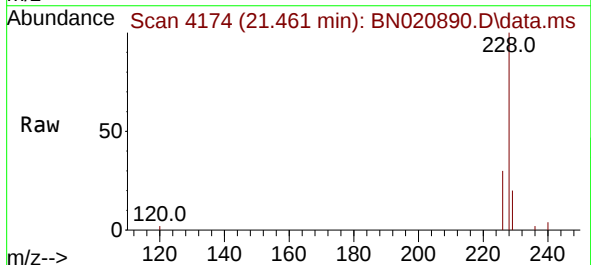
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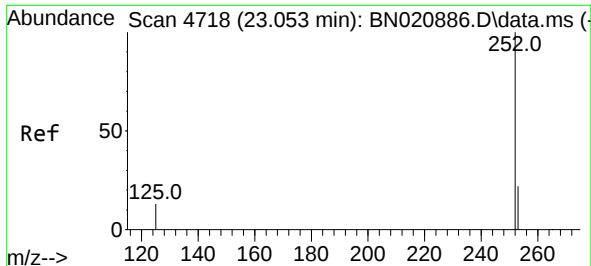
Tgt Ion:228 Resp: 10595
Ion Ratio Lower Upper
228 100
229 20.2 15.9 23.9
226 27.5 22.2 33.2



#22
Chrysene
Concen: 0.350 ng/ul
RT: 21.461 min Scan# 4174
Delta R.T. -0.005 min
Lab File: BN020890.D
Acq: 27 Jul 2022 09:28

Tgt Ion:228 Resp: 12741
Ion Ratio Lower Upper
228 100
226 30.0 23.9 35.9
229 20.0 15.8 23.8

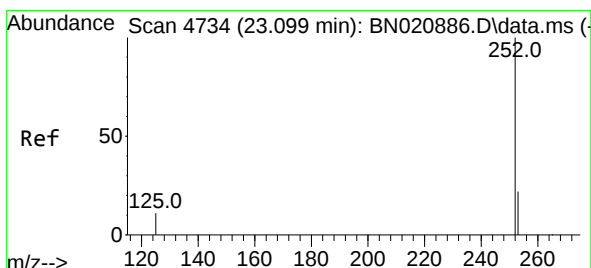
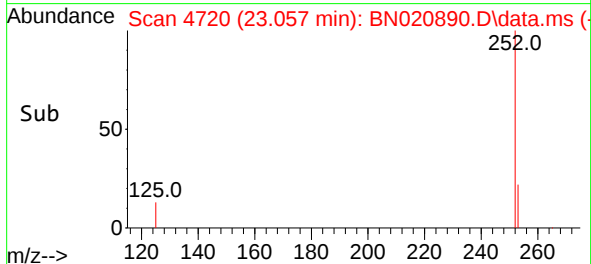
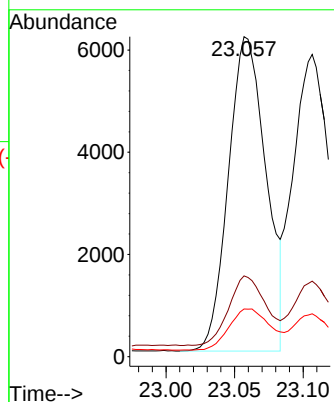
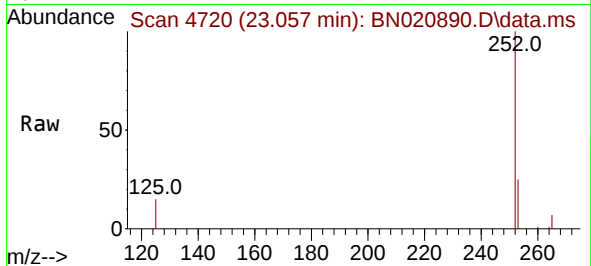




#24
Benzo(b)fluoranthene
Concen: 0.355 ng/ul
RT: 23.057 min Scan# 4718
Delta R.T. -0.007 min
Lab File: BN020890.D
Acq: 27 Jul 2022 09:28

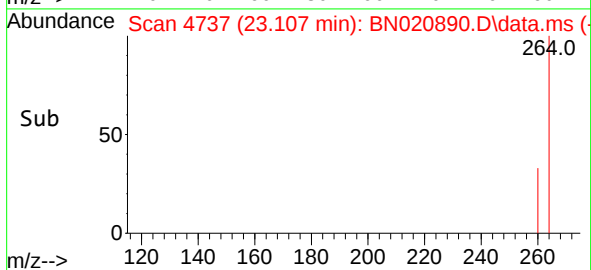
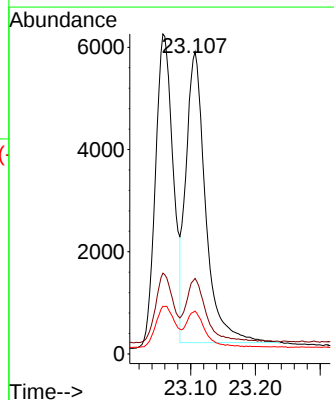
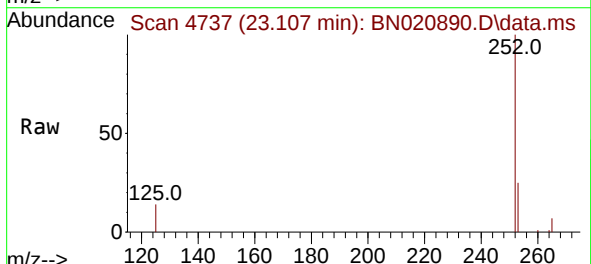
Instrument :
BNA_N
ClientSampleId :
SLCS444

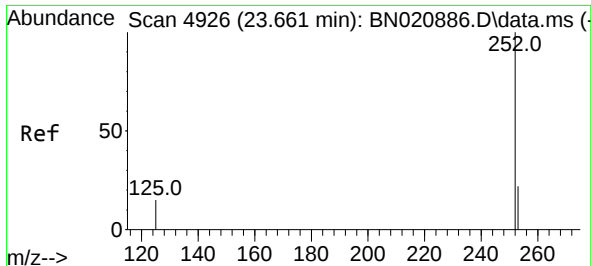
Tgt Ion:252 Resp: 11746
Ion Ratio Lower Upper
252 100
253 25.3 0.0 48.6
125 14.9 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.351 ng/ul
RT: 23.107 min Scan# 4737
Delta R.T. -0.002 min
Lab File: BN020890.D
Acq: 27 Jul 2022 09:28

Tgt Ion:252 Resp: 12003
Ion Ratio Lower Upper
252 100
253 25.0 19.7 29.5
125 14.2 12.0 18.0

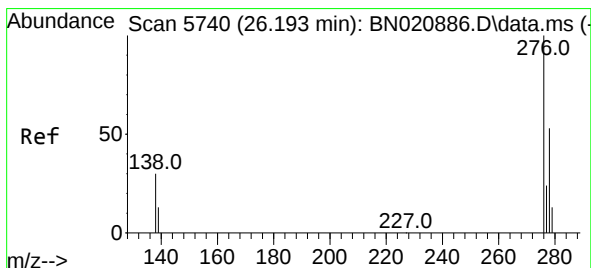
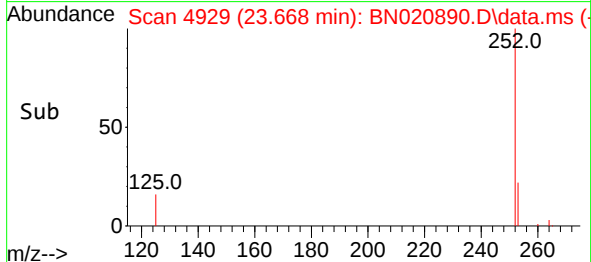
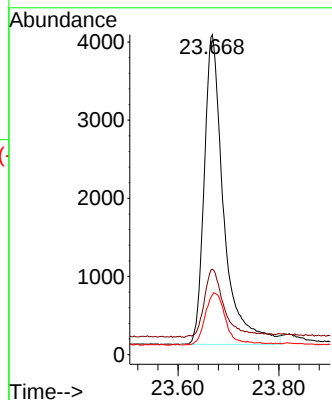
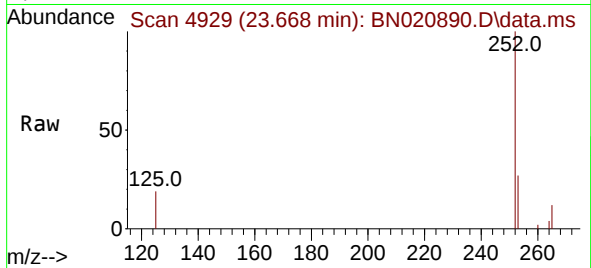




#26
Benzo(a)pyrene
Concen: 0.349 ng/ul
RT: 23.668 min Scan# 4929
Delta R.T. -0.007 min
Lab File: BN020890.D
Acq: 27 Jul 2022 09:28

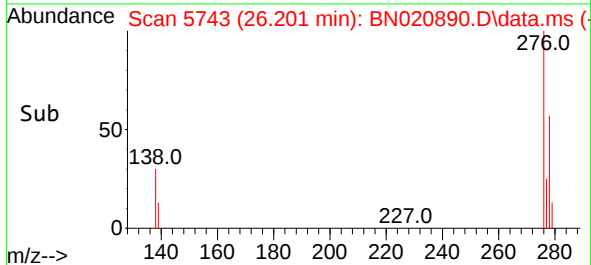
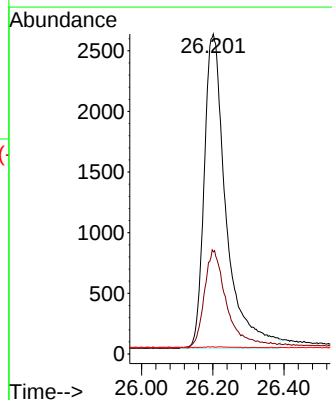
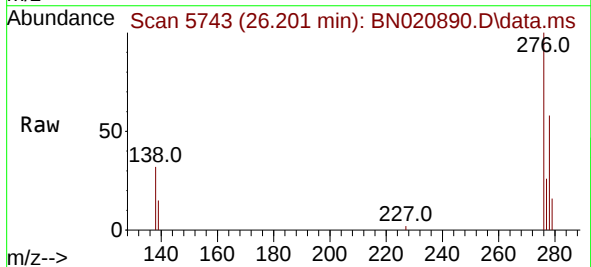
Instrument :
BNA_N
ClientSampleId :
SLCS444

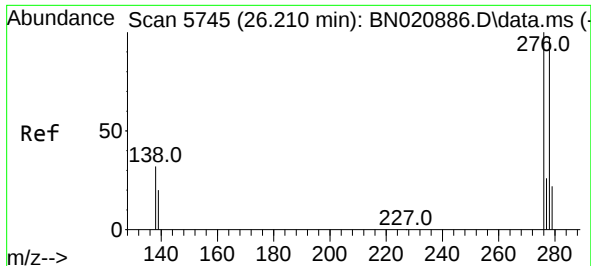
Tgt Ion:252 Resp: 10656
Ion Ratio Lower Upper
252 100
253 26.7 21.0 31.4
125 18.6 18.8 28.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.344 ng/ul
RT: 26.201 min Scan# 5743
Delta R.T. -0.008 min
Lab File: BN020890.D
Acq: 27 Jul 2022 09:28

Tgt Ion:276 Resp: 11056
Ion Ratio Lower Upper
276 100
138 32.4 27.4 41.2
227 0.1 0.2 0.2#

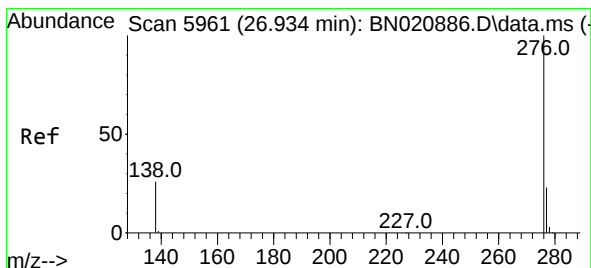
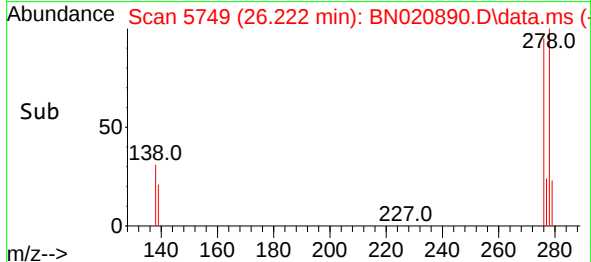
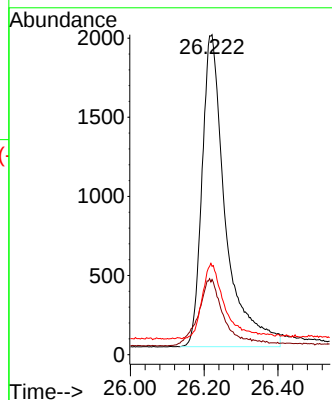
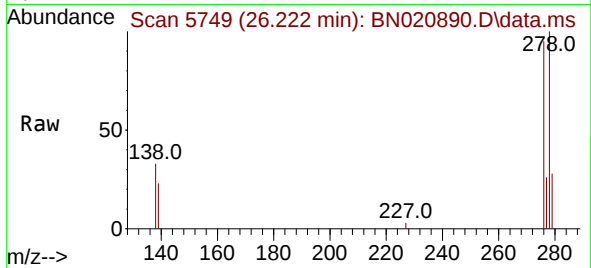




#28
Dibenzo(a,h)anthracene
Concen: 0.355 ng/ul
RT: 26.222 min Scan# 51
Delta R.T. -0.008 min
Lab File: BN020890.D
Acq: 27 Jul 2022 09:28

Instrument :
BNA_N
ClientSampleId :
SLCS444

Tgt Ion:278 Resp: 8683
Ion Ratio Lower Upper
278 100
139 23.5 18.8 28.2
279 27.6 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.345 ng/ul
RT: 26.939 min Scan# 5963
Delta R.T. -0.008 min
Lab File: BN020890.D
Acq: 27 Jul 2022 09:28

Tgt Ion:276 Resp: 9989
Ion Ratio Lower Upper
276 100
138 28.8 23.5 35.3
277 25.0 20.1 30.1

