

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072522\
 Data File : BN020891.D
 Acq On : 27 Jul 2022 10:05
 Operator : CG/JU
 Sample : PB146440BS
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS440

Quant Time: Jul 27 18:03:10 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)

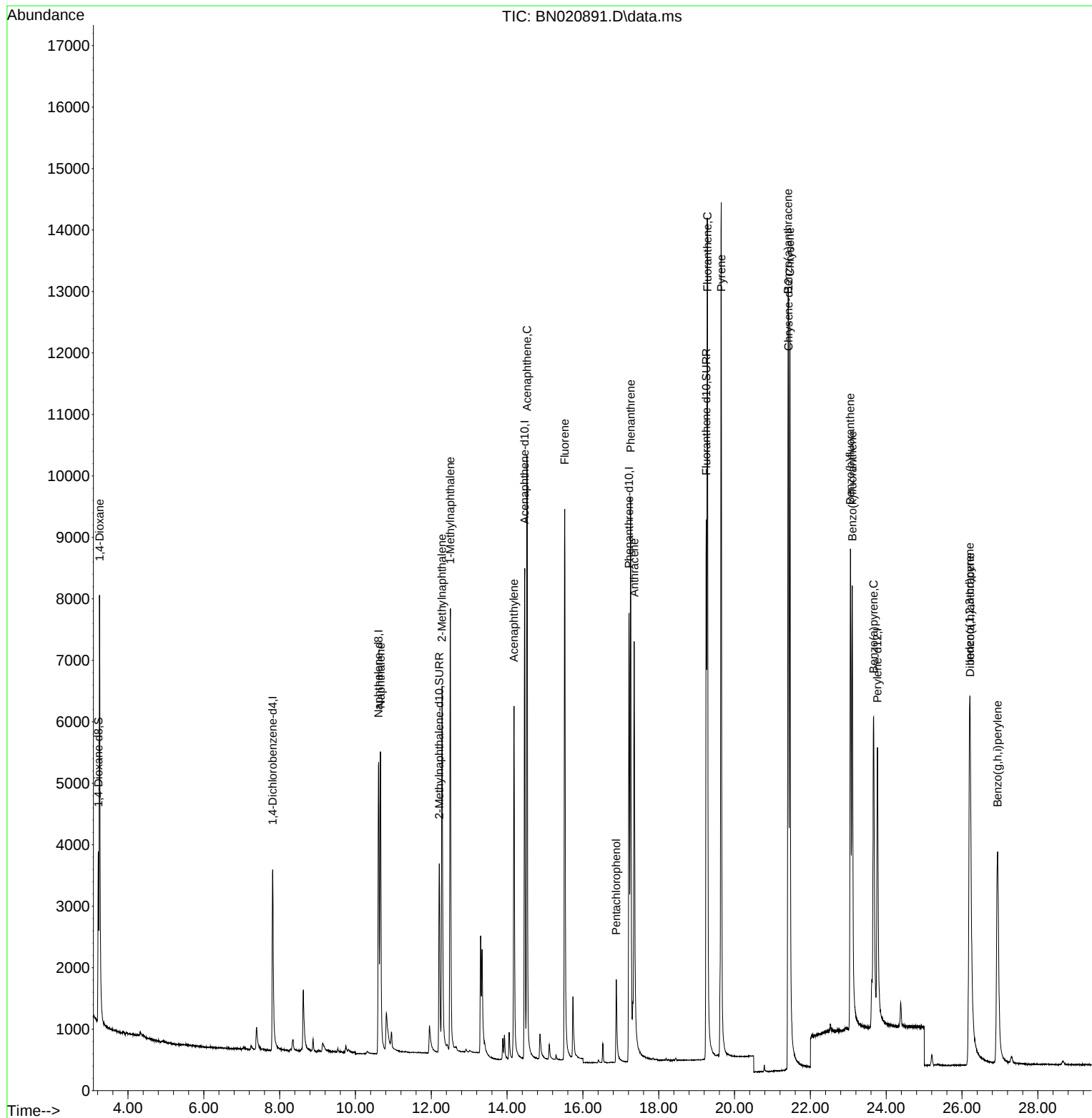
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.817	152	2190	0.400	ng/ul	0.00
4) Naphthalene-d8	10.612	136	7680	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.465	164	4831	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.217	188	10116	0.400	ng/ul	0.00
17) Chrysene-d12	21.425	240	8431	0.400	ng/ul	0.00
23) Perylene-d12	23.769	264	6814	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.218	96	1952	0.742	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.212	152	4842	0.415	ng/ul	0.00
18) Fluoranthene-d10	19.253	212	11149	0.414	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	4561	1.687	ng/ul#	80
5) Naphthalene	10.661	128	8085	0.336	ng/ul	100
7) 2-Methylnaphthalene	12.284	142	5283	0.347	ng/ul	99
8) 1-Methylnaphthalene	12.503	142	5655	0.384	ng/ul	100
10) Acenaphthylene	14.183	152	7831	0.326	ng/ul	99
11) Acenaphthene	14.525	153	6360	0.327	ng/ul	100
12) Fluorene	15.520	166	7143	0.335	ng/ul	100
14) Pentachlorophenol	16.879	266	1246	0.818	ng/ul	98
15) Phenanthrene	17.259	178	11769	0.317	ng/ul	100
16) Anthracene	17.352	178	9849	0.332	ng/ul	99
19) Fluoranthene	19.285	202	13457	0.341	ng/ul	97
20) Pyrene	19.648	202	13810	0.335	ng/ul	99
21) Benzo(a)anthracene	21.410	228	9795	0.352	ng/ul	99
22) Chrysene	21.460	228	12024	0.335	ng/ul	100
24) Benzo(b)fluoranthene	23.056	252	10855	0.336	ng/ul	98
25) Benzo(k)fluoranthene	23.105	252	11156	0.334	ng/ul	98
26) Benzo(a)pyrene	23.667	252	9857	0.331	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.200	276	10352	0.331	ng/ul	97
28) Dibenzo(a,h)anthracene	26.216	278	8175	0.342	ng/ul	98
29) Benzo(g,h,i)perylene	26.938	276	9265	0.328	ng/ul	99

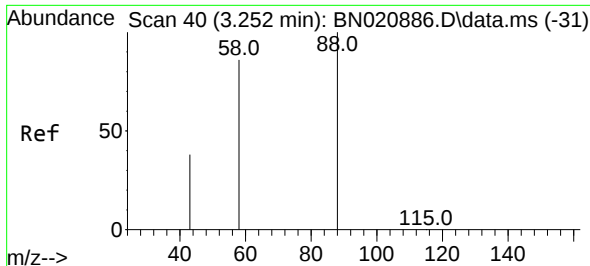
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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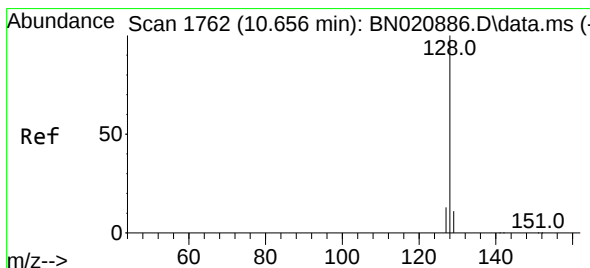
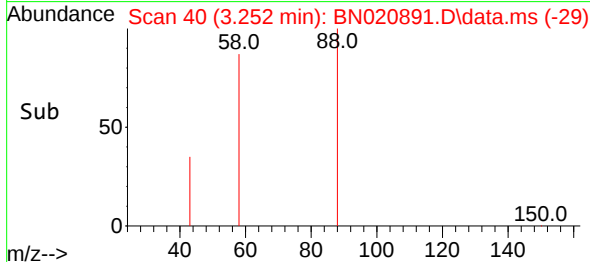
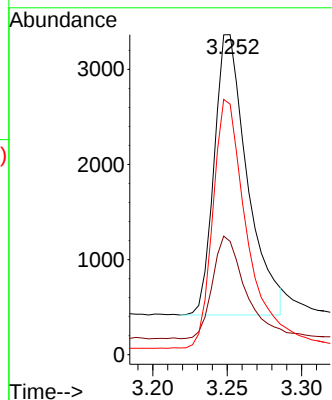
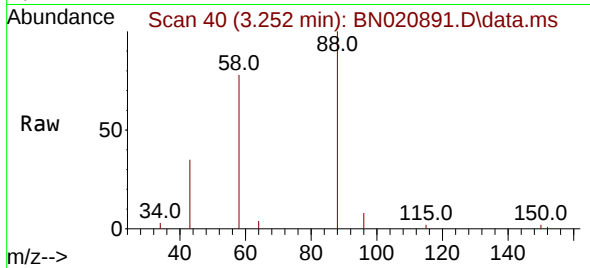




#2
 1,4-Dioxane
 Concen: 1.687 ng/ul
 RT: 3.252 min Scan# 40
 Delta R.T. -0.004 min
 Lab File: BN020891.D
 Acq: 27 Jul 2022 10:05

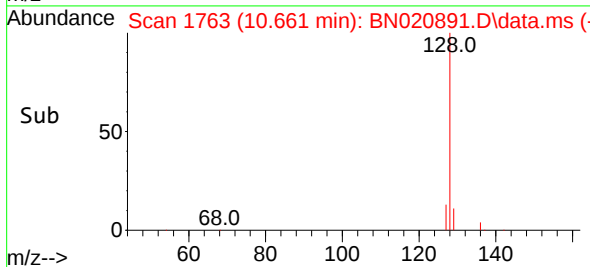
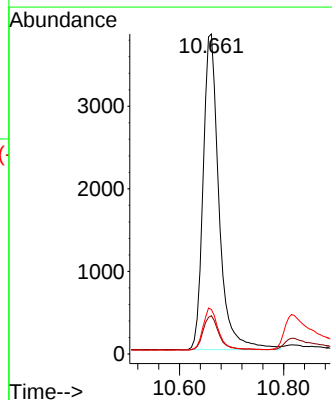
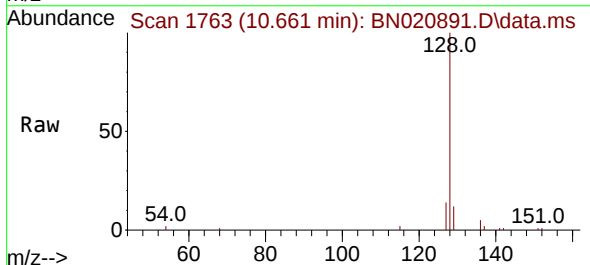
Instrument :
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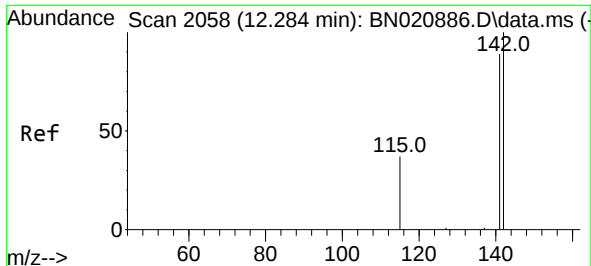
Tgt Ion: 88 Resp: 4561
 Ion Ratio Lower Upper
 88 100
 43 35.4 32.5 48.7
 58 78.3 46.2 69.2#



#5
 Naphthalene
 Concen: 0.336 ng/ul
 RT: 10.661 min Scan# 1763
 Delta R.T. -0.005 min
 Lab File: BN020891.D
 Acq: 27 Jul 2022 10:05

Tgt Ion:128 Resp: 8085
 Ion Ratio Lower Upper
 128 100
 129 11.9 9.5 14.3
 127 13.9 11.3 16.9

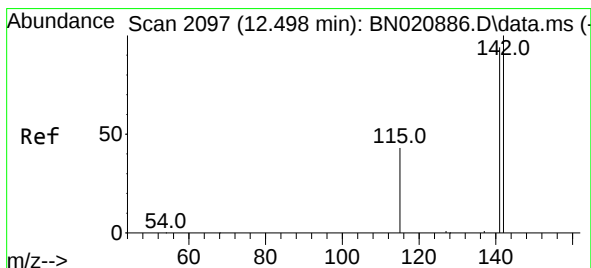
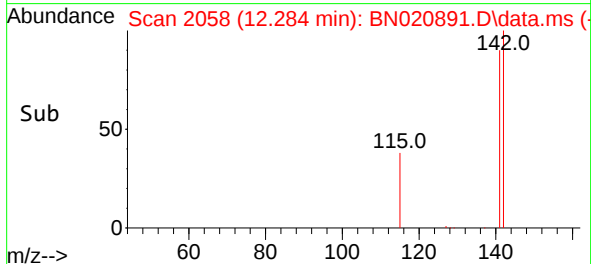
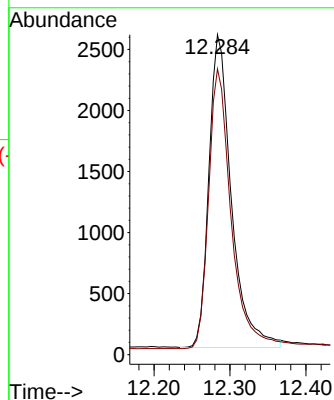
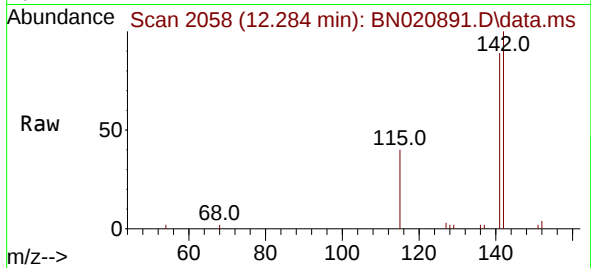




#7
2-Methylnaphthalene
Concen: 0.347 ng/ul
RT: 12.284 min Scan# 2058
Delta R.T. -0.011 min
Lab File: BN020891.D
Acq: 27 Jul 2022 10:05

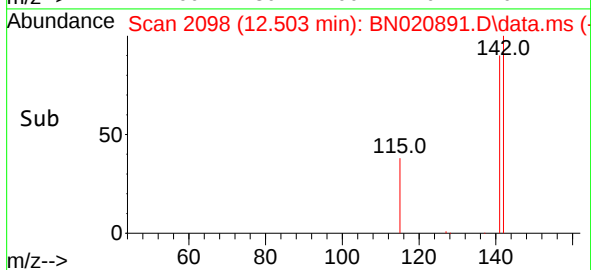
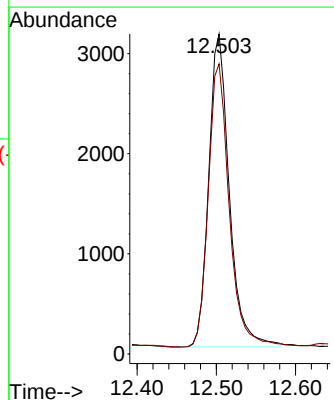
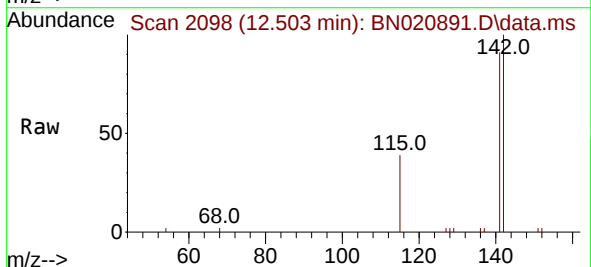
Instrument :
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ClientSampleId :
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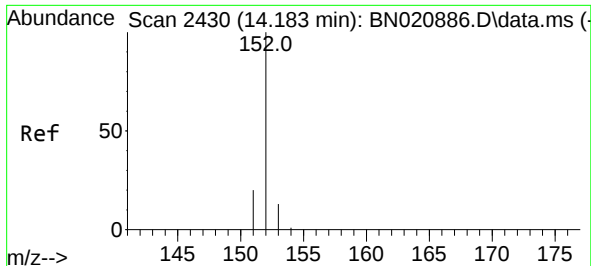
Tgt Ion:142 Resp: 5283
Ion Ratio Lower Upper
142 100
141 89.5 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.384 ng/ul
RT: 12.503 min Scan# 2098
Delta R.T. -0.005 min
Lab File: BN020891.D
Acq: 27 Jul 2022 10:05

Tgt Ion:142 Resp: 5655
Ion Ratio Lower Upper
142 100
141 91.8 73.7 110.5

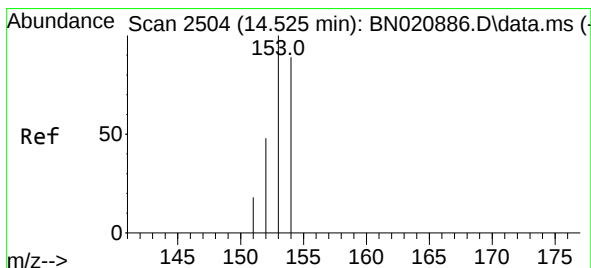
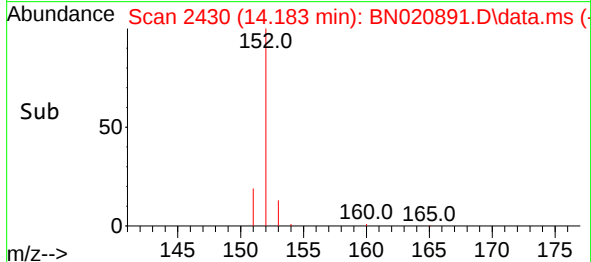
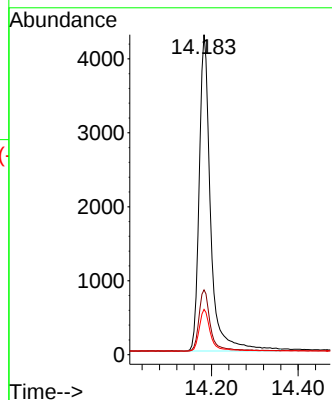
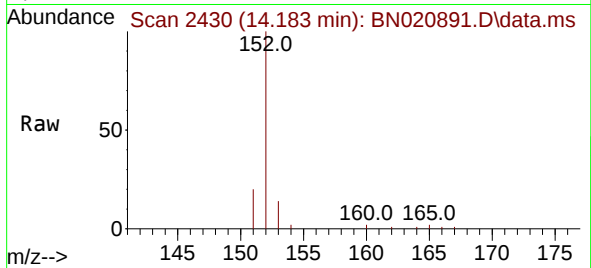




#10
Acenaphthylene
Concen: 0.326 ng/ul
RT: 14.183 min Scan# 2430
Delta R.T. -0.005 min
Lab File: BN020891.D
Acq: 27 Jul 2022 10:05

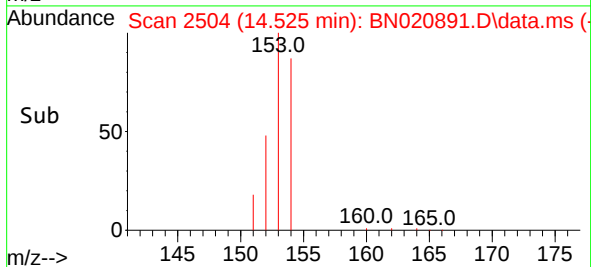
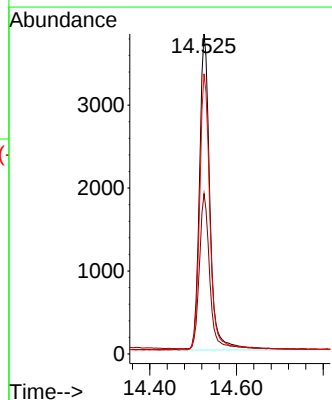
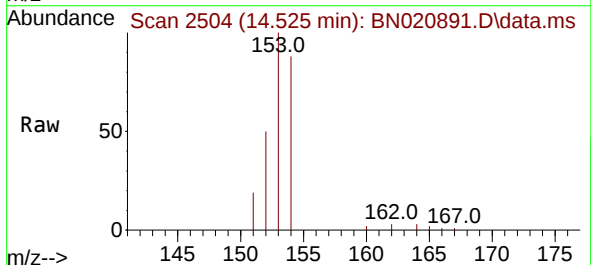
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ClientSampleId :
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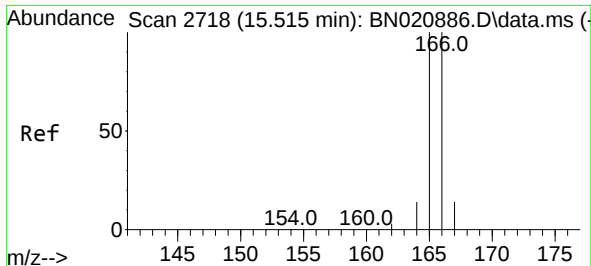
Tgt Ion:152 Resp: 7831
Ion Ratio Lower Upper
152 100
151 20.2 16.5 24.7
153 14.1 11.1 16.7



#11
Acenaphthene
Concen: 0.327 ng/ul
RT: 14.525 min Scan# 2504
Delta R.T. -0.005 min
Lab File: BN020891.D
Acq: 27 Jul 2022 10:05

Tgt Ion:153 Resp: 6360
Ion Ratio Lower Upper
153 100
152 50.1 40.0 60.0
154 87.5 70.0 105.0

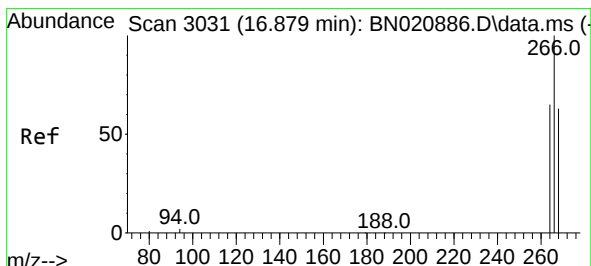
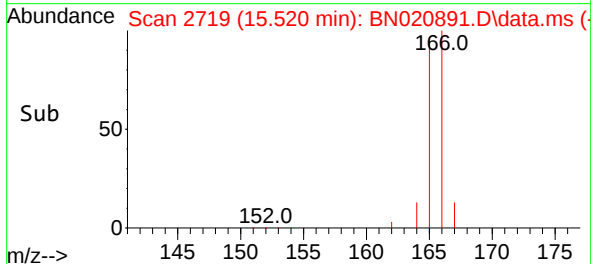
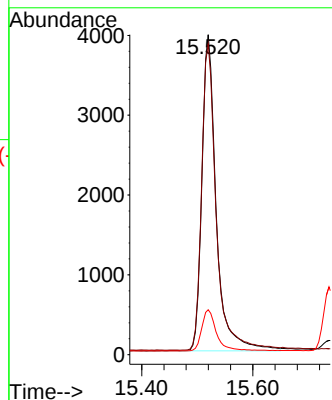
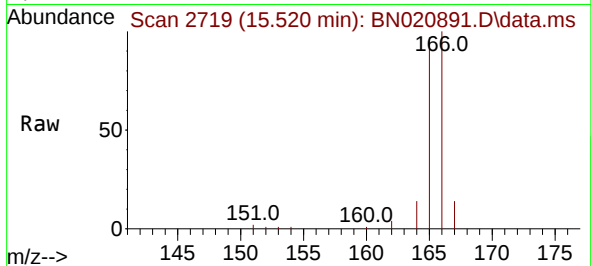




#12
Fluorene
Concen: 0.335 ng/ul
RT: 15.520 min Scan# 2718
Delta R.T. -0.005 min
Lab File: BN020891.D
Acq: 27 Jul 2022 10:05

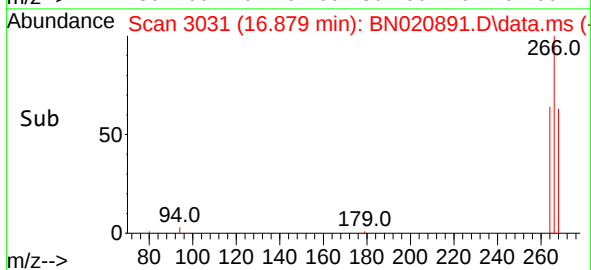
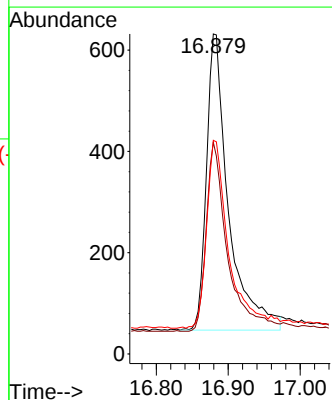
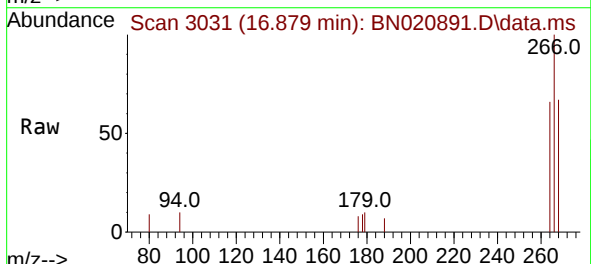
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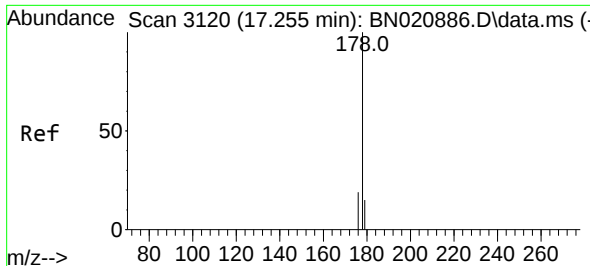
Tgt Ion:166 Resp: 7143
Ion Ratio Lower Upper
166 100
165 97.2 78.2 117.2
167 14.0 11.3 16.9



#14
Pentachlorophenol
Concen: 0.818 ng/ul
RT: 16.879 min Scan# 3031
Delta R.T. -0.013 min
Lab File: BN020891.D
Acq: 27 Jul 2022 10:05

Tgt Ion:266 Resp: 1246
Ion Ratio Lower Upper
266 100
264 61.9 51.6 77.4
268 64.0 51.5 77.3

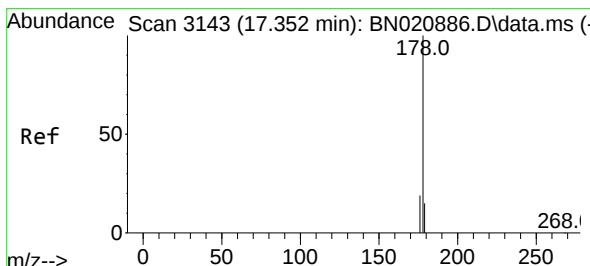
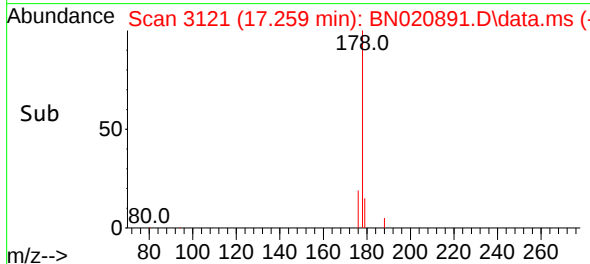
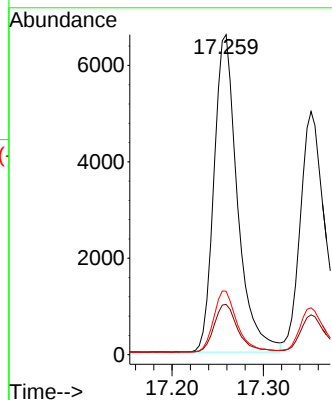
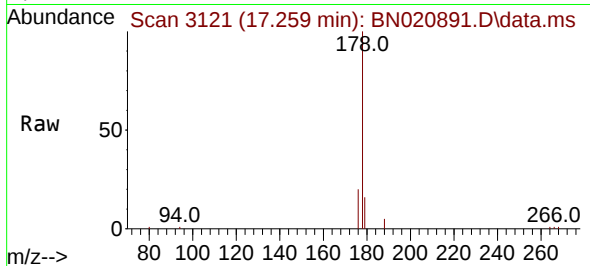




#15
Phenanthrene
Concen: 0.317 ng/ul
RT: 17.259 min Scan# 3121
Delta R.T. -0.004 min
Lab File: BN020891.D
Acq: 27 Jul 2022 10:05

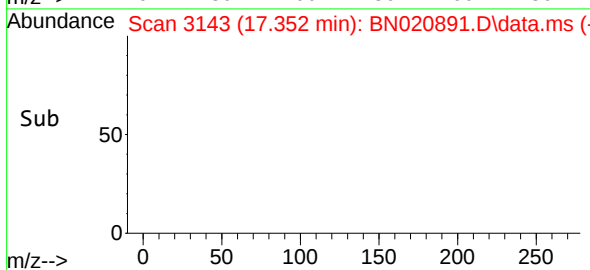
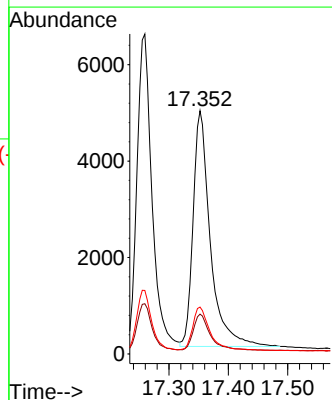
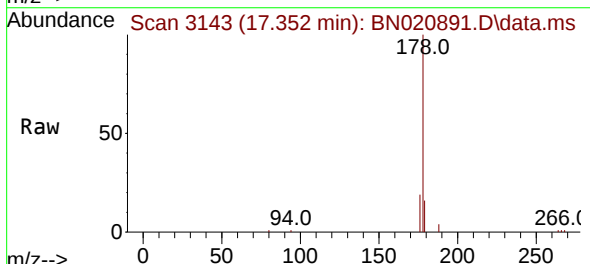
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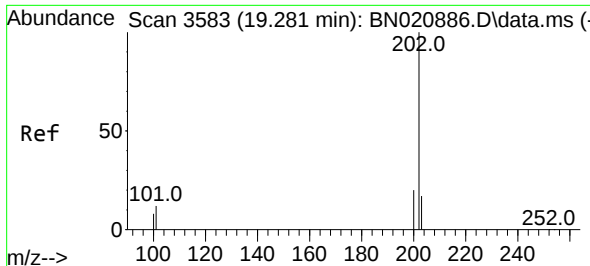
Tgt Ion:178 Resp: 11769
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 19.8 15.8 23.6



#16
Anthracene
Concen: 0.332 ng/ul
RT: 17.352 min Scan# 3143
Delta R.T. -0.004 min
Lab File: BN020891.D
Acq: 27 Jul 2022 10:05

Tgt Ion:178 Resp: 9849
Ion Ratio Lower Upper
178 100
179 16.4 12.8 19.2
176 19.3 15.2 22.8

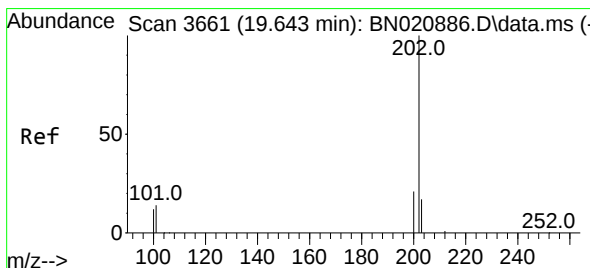
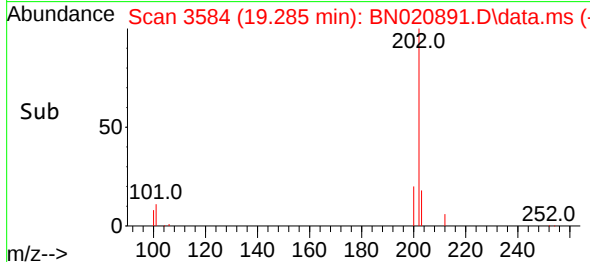
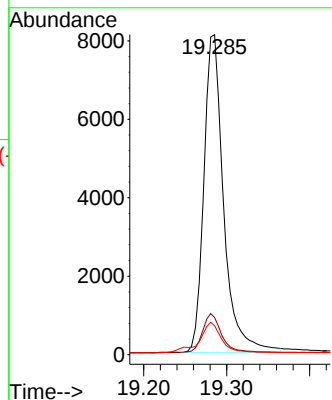
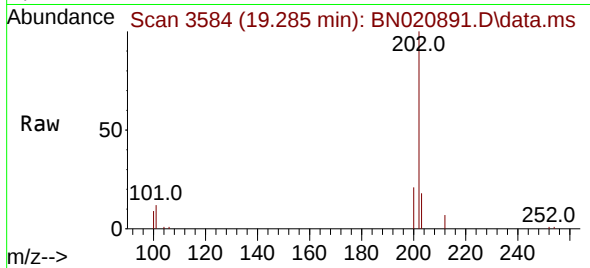




#19
Fluoranthene
Concen: 0.341 ng/ul
RT: 19.285 min Scan# 3583
Delta R.T. -0.005 min
Lab File: BN020891.D
Acq: 27 Jul 2022 10:05

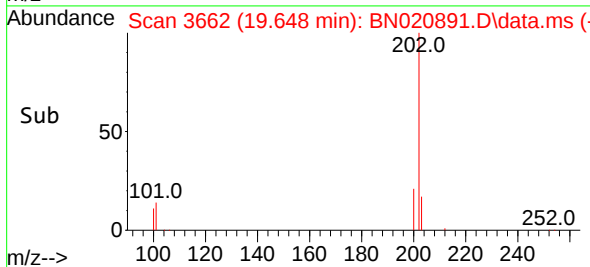
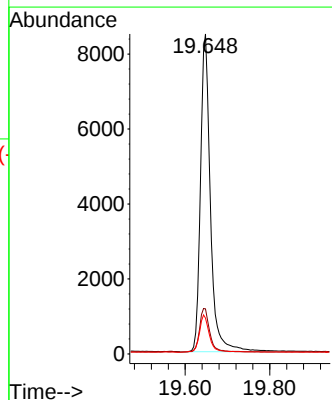
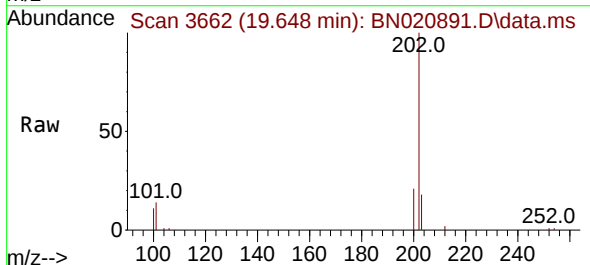
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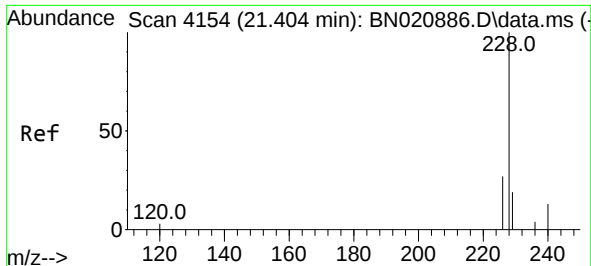
Tgt Ion:202 Resp: 13457
Ion Ratio Lower Upper
202 100
101 11.6 10.3 15.5
100 9.1 7.8 11.6



#20
Pyrene
Concen: 0.335 ng/ul
RT: 19.648 min Scan# 3662
Delta R.T. -0.005 min
Lab File: BN020891.D
Acq: 27 Jul 2022 10:05

Tgt Ion:202 Resp: 13810
Ion Ratio Lower Upper
202 100
101 14.1 11.6 17.4
100 11.2 9.2 13.8

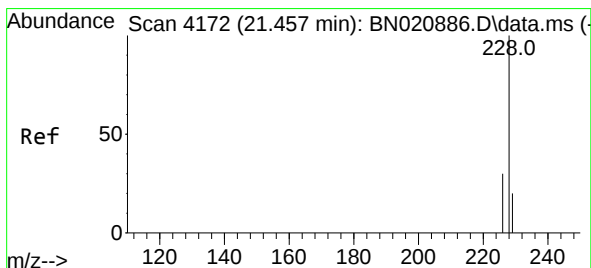
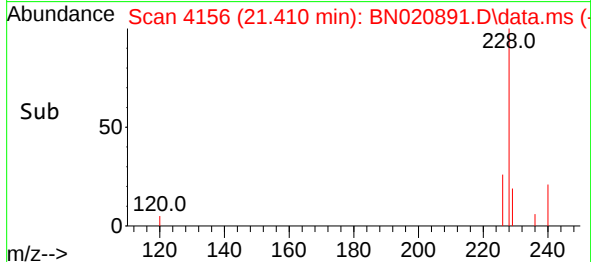
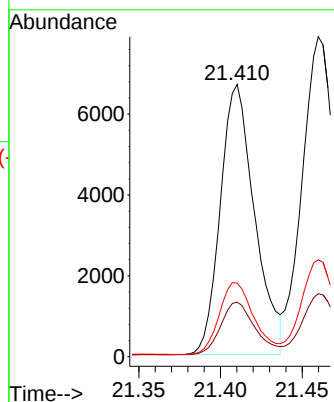
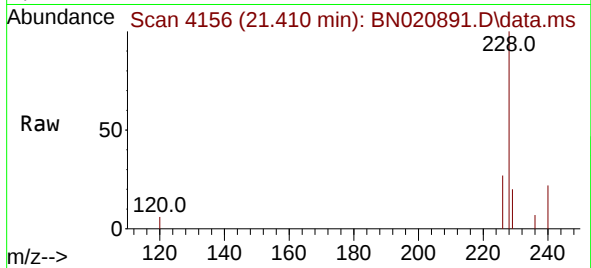




#21
Benzo(a)anthracene
Concen: 0.352 ng/ul
RT: 21.410 min Scan# 4154
Delta R.T. -0.006 min
Lab File: BN020891.D
Acq: 27 Jul 2022 10:05

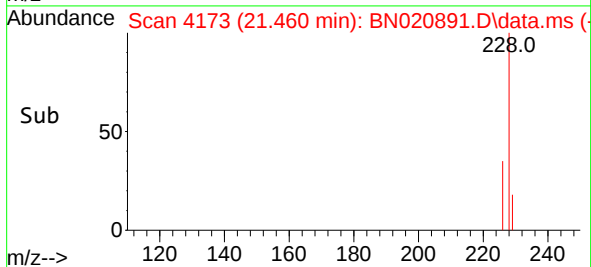
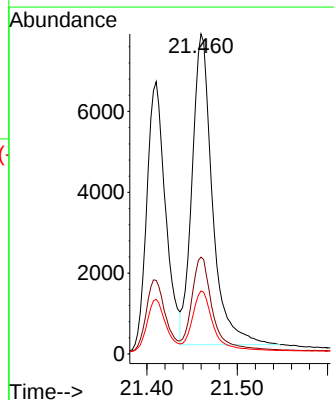
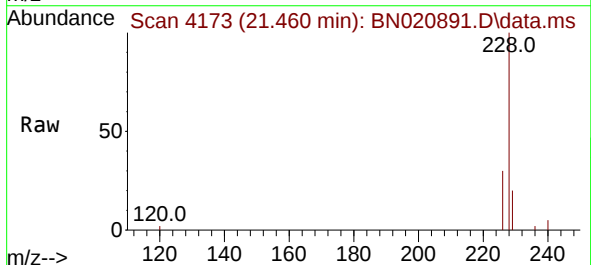
Instrument :
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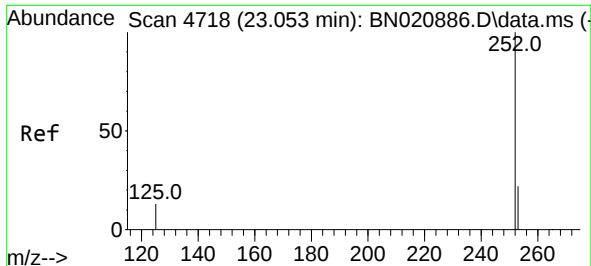
Tgt Ion:228 Resp: 9795
Ion Ratio Lower Upper
228 100
229 20.0 15.9 23.9
226 27.0 22.2 33.2



#22
Chrysene
Concen: 0.335 ng/ul
RT: 21.460 min Scan# 4173
Delta R.T. -0.006 min
Lab File: BN020891.D
Acq: 27 Jul 2022 10:05

Tgt Ion:228 Resp: 12024
Ion Ratio Lower Upper
228 100
226 30.2 23.9 35.9
229 19.7 15.8 23.8

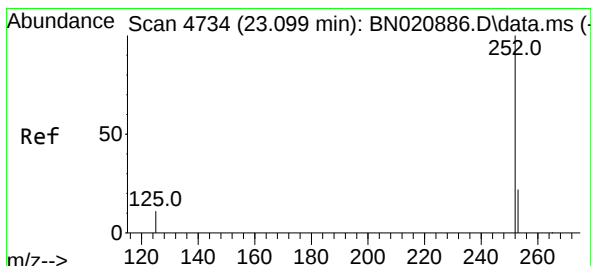
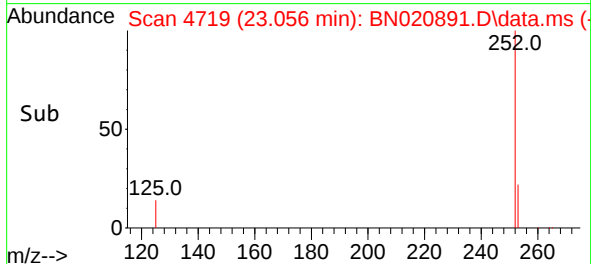
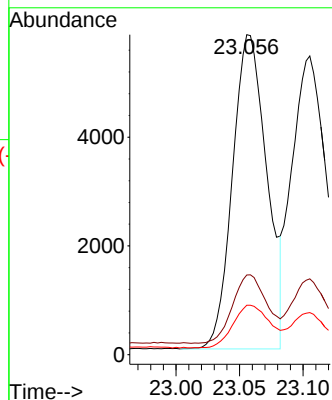
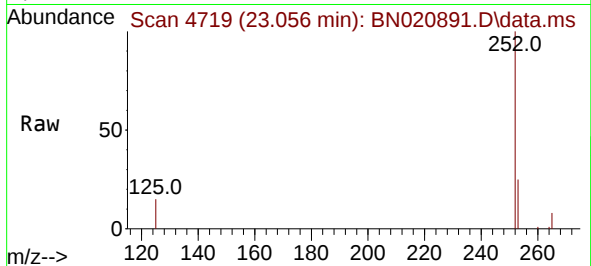




#24
Benzo(b)fluoranthene
Concen: 0.336 ng/ul
RT: 23.056 min Scan# 4719
Delta R.T. -0.009 min
Lab File: BN020891.D
Acq: 27 Jul 2022 10:05

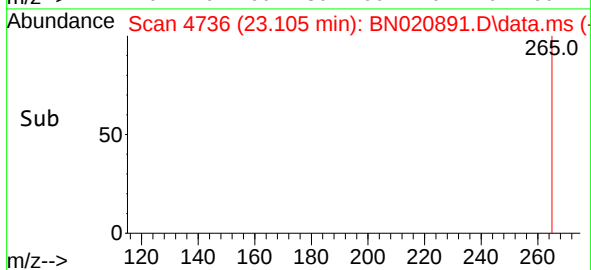
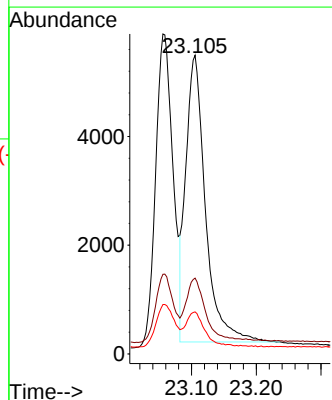
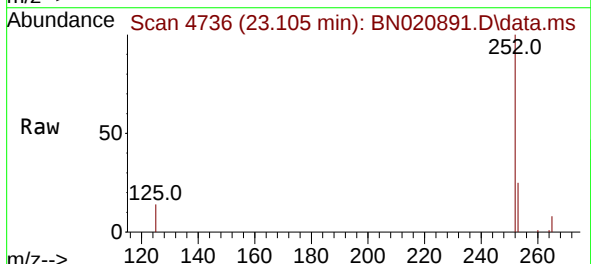
Instrument :
BNA_N
ClientSampleId :
SLCS440

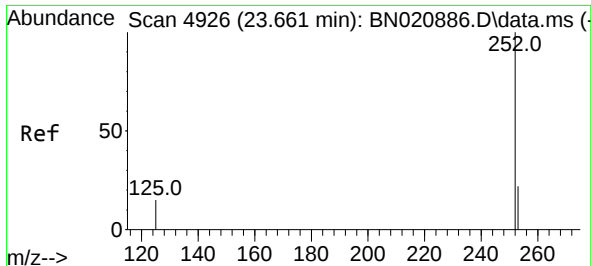
Tgt Ion:252 Resp: 10855
Ion Ratio Lower Upper
252 100
253 24.9 0.0 48.6
125 15.5 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.334 ng/ul
RT: 23.105 min Scan# 4736
Delta R.T. -0.003 min
Lab File: BN020891.D
Acq: 27 Jul 2022 10:05

Tgt Ion:252 Resp: 11156
Ion Ratio Lower Upper
252 100
253 25.4 19.7 29.5
125 14.1 12.0 18.0

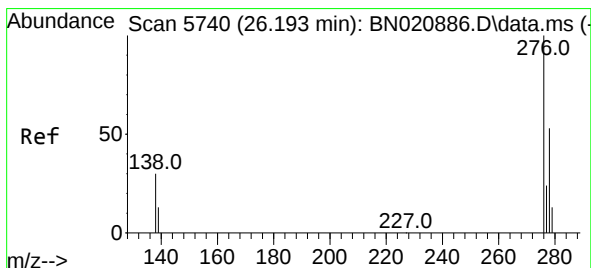
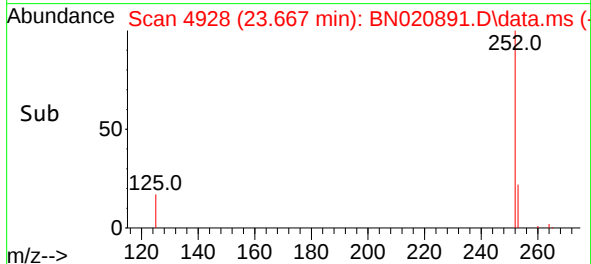
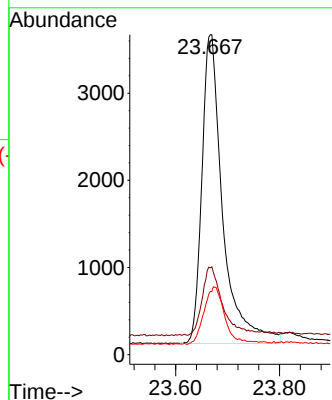
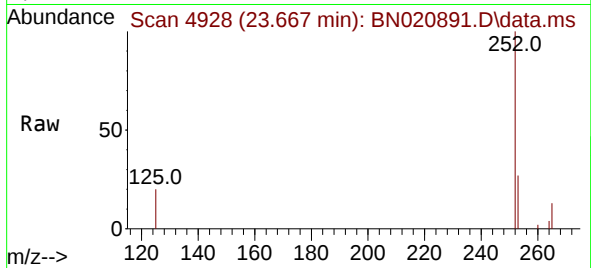




#26
Benzo(a)pyrene
Concen: 0.331 ng/ul
RT: 23.667 min Scan# 4926
Delta R.T. -0.009 min
Lab File: BN020891.D
Acq: 27 Jul 2022 10:05

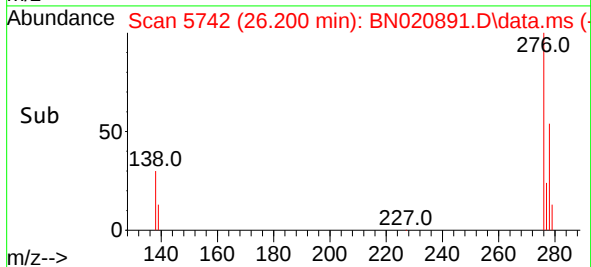
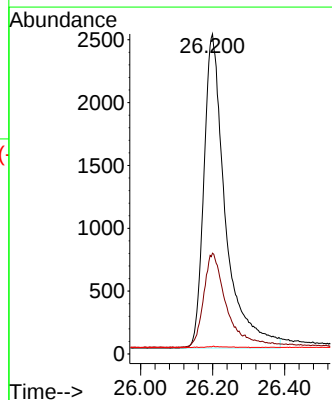
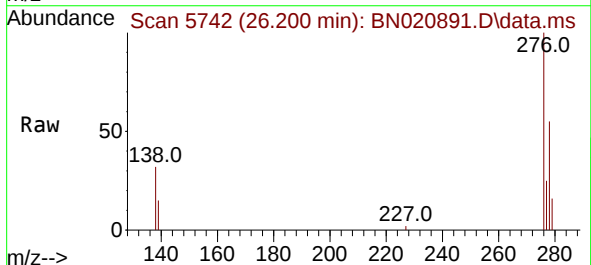
Instrument :
BNA_N
ClientSampleId :
SLCS440

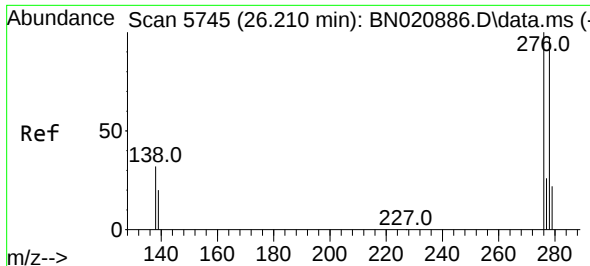
Tgt Ion:252 Resp: 9857
Ion Ratio Lower Upper
252 100
253 27.1 21.0 31.4
125 19.7 18.8 28.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.331 ng/ul
RT: 26.200 min Scan# 5742
Delta R.T. -0.010 min
Lab File: BN020891.D
Acq: 27 Jul 2022 10:05

Tgt Ion:276 Resp: 10352
Ion Ratio Lower Upper
276 100
138 32.7 27.4 41.2
227 0.2 0.2 0.2

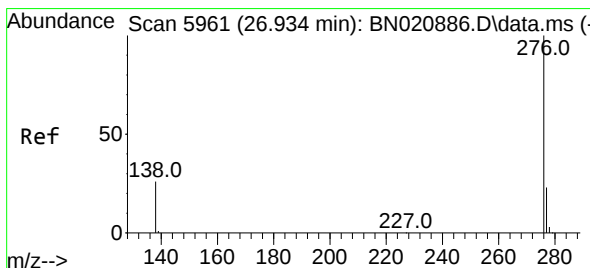
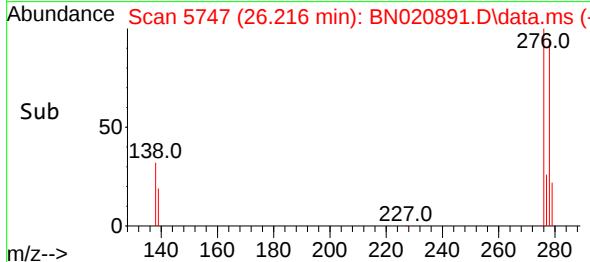
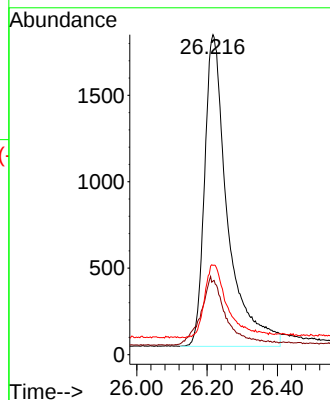
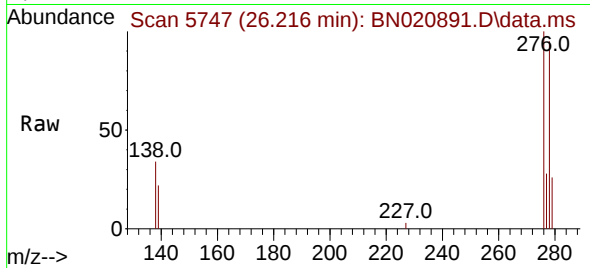




#28
Dibenzo(a,h)anthracene
Concen: 0.342 ng/ul
RT: 26.216 min Scan# 51
Delta R.T. -0.013 min
Lab File: BN020891.D
Acq: 27 Jul 2022 10:05

Instrument :
BNA_N
ClientSampleId :
SLCS440

Tgt Ion:278 Resp: 8175
Ion Ratio Lower Upper
278 100
139 23.0 18.8 28.2
279 27.9 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.328 ng/ul
RT: 26.938 min Scan# 5962
Delta R.T. -0.010 min
Lab File: BN020891.D
Acq: 27 Jul 2022 10:05

Tgt Ion:276 Resp: 9265
Ion Ratio Lower Upper
276 100
138 29.1 23.5 35.3
277 26.0 20.1 30.1

