

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072522\
 Data File : BN020892.D
 Acq On : 27 Jul 2022 10:41
 Operator : CG/JU
 Sample : PB146456BS
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS456

Quant Time: Jul 27 18:04:02 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

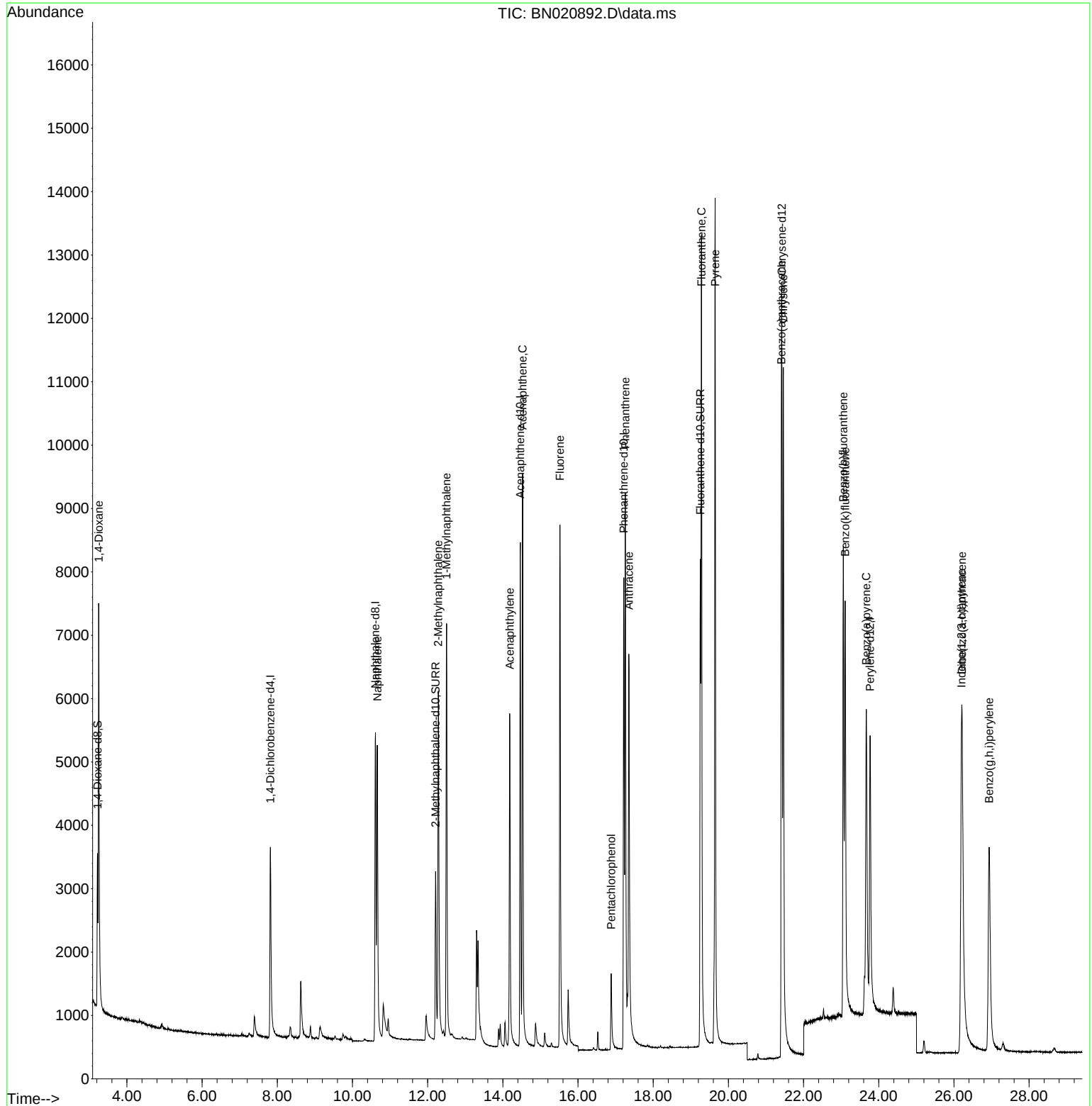
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.817	152	2249	0.400	ng/ul	0.00
4) Naphthalene-d8	10.612	136	7868	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.465	164	4893	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.217	188	10170	0.400	ng/ul	0.00
17) Chrysene-d12	21.423	240	8345	0.400	ng/ul	0.00
23) Perylene-d12	23.770	264	6805	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.218	96	1636	0.605	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.212	152	4216	0.353	ng/ul	0.00
18) Fluoranthene-d10	19.253	212	9731	0.365	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	4260	1.534	ng/ul#	82
5) Naphthalene	10.661	128	7625	0.309	ng/ul	99
7) 2-Methylnaphthalene	12.284	142	4898	0.314	ng/ul	100
8) 1-Methylnaphthalene	12.504	142	5303	0.351	ng/ul	99
10) Acenaphthylene	14.183	152	7337	0.301	ng/ul	99
11) Acenaphthene	14.525	153	5955	0.303	ng/ul	100
12) Fluorene	15.520	166	6653	0.308	ng/ul	99
14) Pentachlorophenol	16.884	266	1116	0.729	ng/ul	98
15) Phenanthrene	17.259	178	11009	0.295	ng/ul	100
16) Anthracene	17.352	178	9062	0.304	ng/ul	99
19) Fluoranthene	19.285	202	12547	0.321	ng/ul	98
20) Pyrene	19.648	202	12916	0.317	ng/ul	99
21) Benzo(a)anthracene	21.409	228	9163	0.332	ng/ul	100
22) Chrysene	21.461	228	11181	0.315	ng/ul	99
24) Benzo(b)fluoranthene	23.057	252	10301	0.319	ng/ul	98
25) Benzo(k)fluoranthene	23.107	252	10538	0.316	ng/ul	98
26) Benzo(a)pyrene	23.668	252	9282	0.312	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.198	276	9751	0.312	ng/ul	97
28) Dibenzo(a,h)anthracene	26.218	278	7600	0.319	ng/ul	97
29) Benzo(g,h,i)perylene	26.936	276	8681	0.308	ng/ul	100

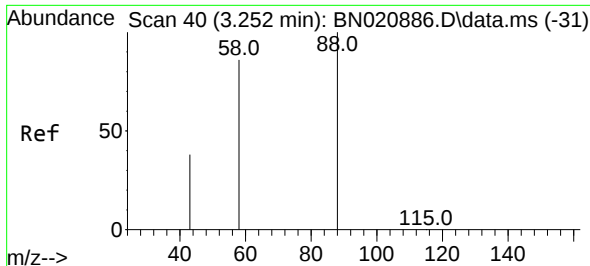
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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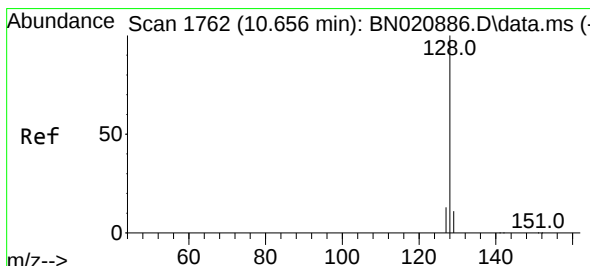
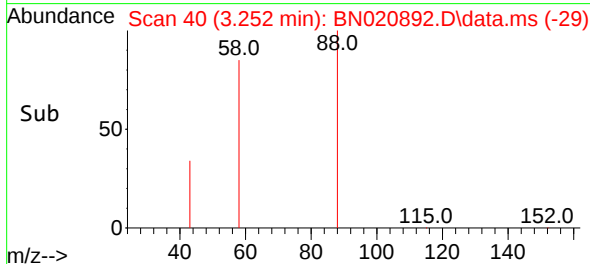
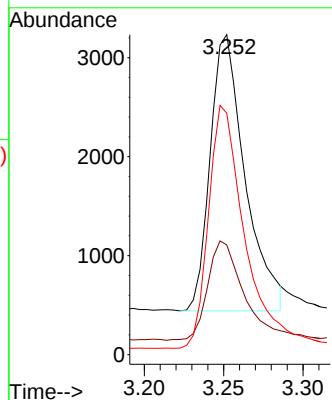
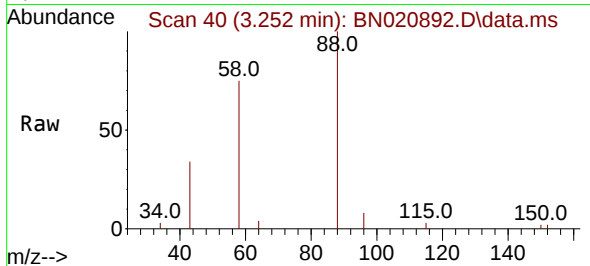




#2
 1,4-Dioxane
 Concen: 1.534 ng/ul
 RT: 3.252 min Scan# 40
 Delta R.T. -0.004 min
 Lab File: BN020892.D
 Acq: 27 Jul 2022 10:41

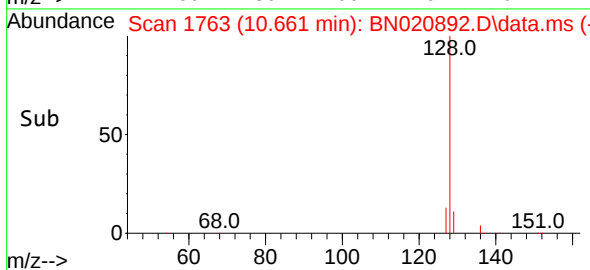
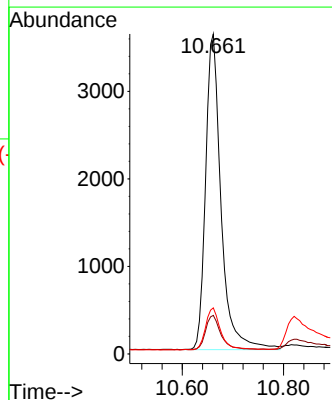
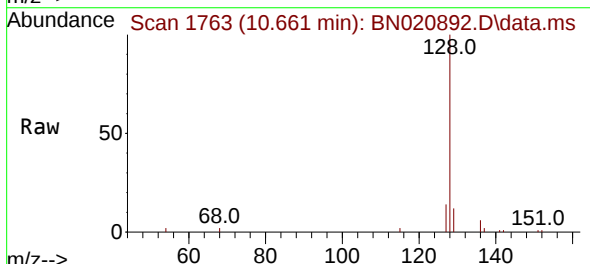
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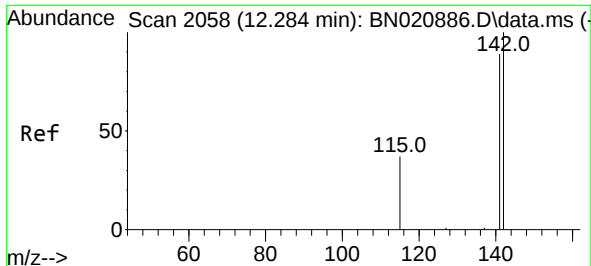
Tgt Ion: 88 Resp: 4260
 Ion Ratio Lower Upper
 88 100
 43 34.3 32.5 48.7
 58 75.5 46.2 69.2#



#5
 Naphthalene
 Concen: 0.309 ng/ul
 RT: 10.661 min Scan# 1763
 Delta R.T. -0.005 min
 Lab File: BN020892.D
 Acq: 27 Jul 2022 10:41

Tgt Ion: 128 Resp: 7625
 Ion Ratio Lower Upper
 128 100
 129 12.0 9.5 14.3
 127 14.4 11.3 16.9

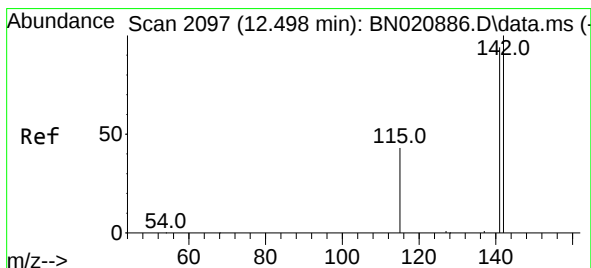
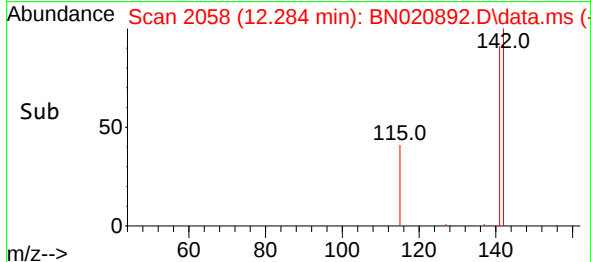
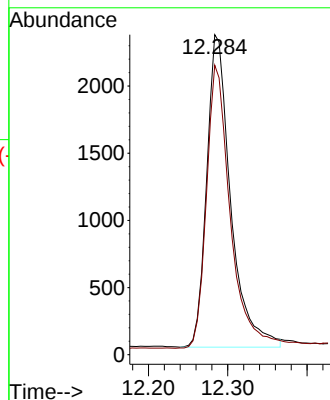
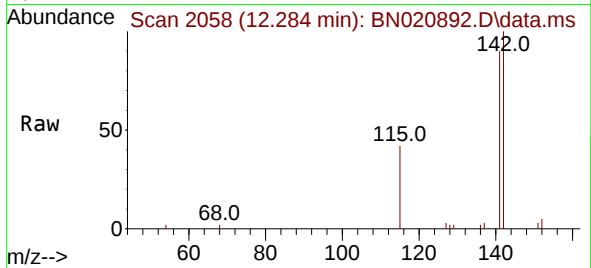




#7
2-Methylnaphthalene
Concen: 0.314 ng/ul
RT: 12.284 min Scan# 2058
Delta R.T. -0.011 min
Lab File: BN020892.D
Acq: 27 Jul 2022 10:41

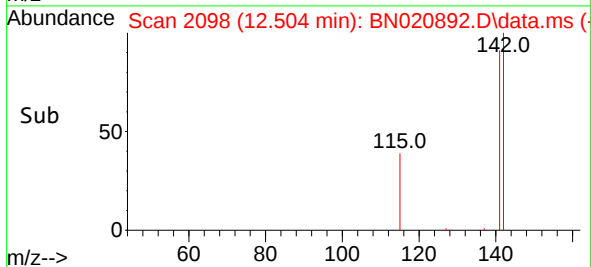
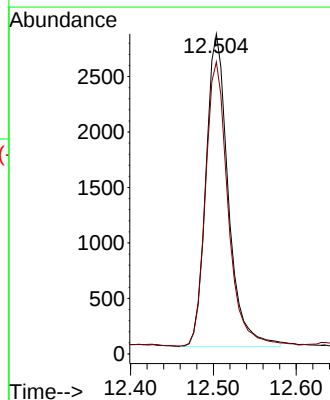
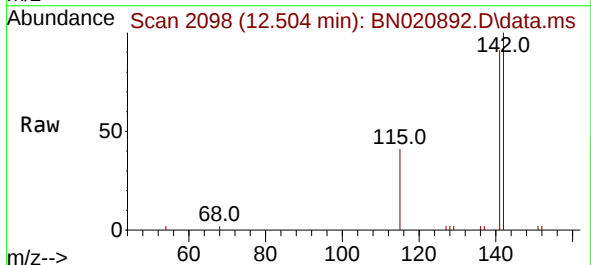
Instrument :
BNA_N
ClientSampleId :
SLCS456

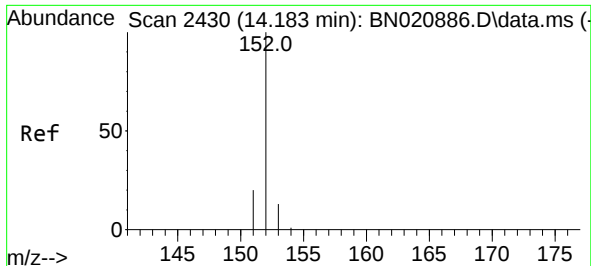
Tgt Ion:142 Resp: 4898
Ion Ratio Lower Upper
142 100
141 90.0 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.351 ng/ul
RT: 12.504 min Scan# 2098
Delta R.T. -0.005 min
Lab File: BN020892.D
Acq: 27 Jul 2022 10:41

Tgt Ion:142 Resp: 5303
Ion Ratio Lower Upper
142 100
141 91.4 73.7 110.5

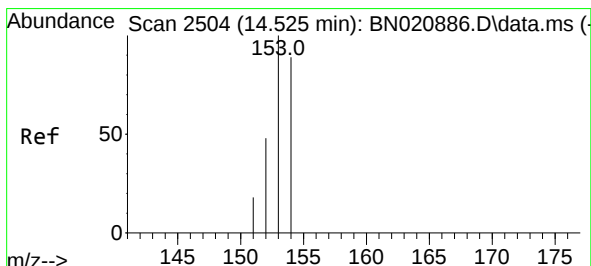
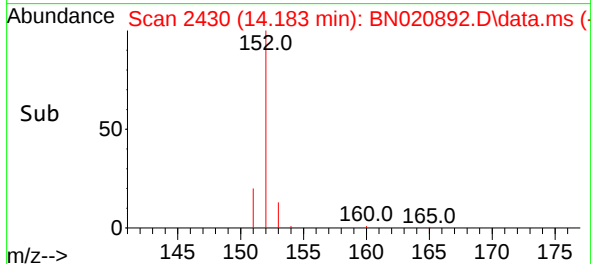
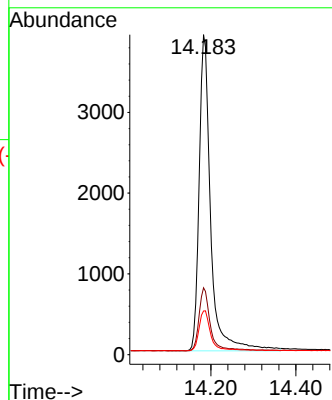
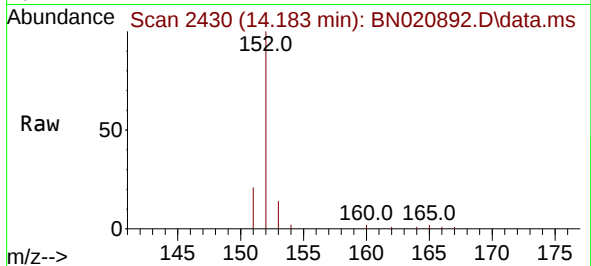




#10
Acenaphthylene
Concen: 0.301 ng/ul
RT: 14.183 min Scan# 2430
Delta R.T. -0.005 min
Lab File: BN020892.D
Acq: 27 Jul 2022 10:41

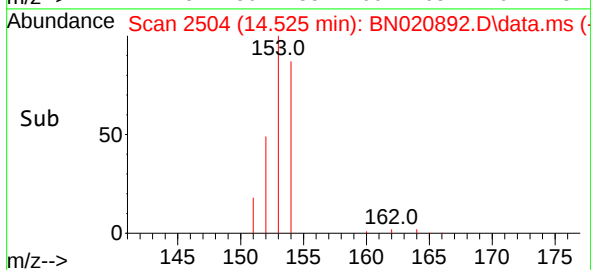
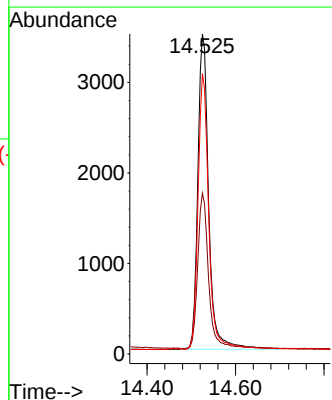
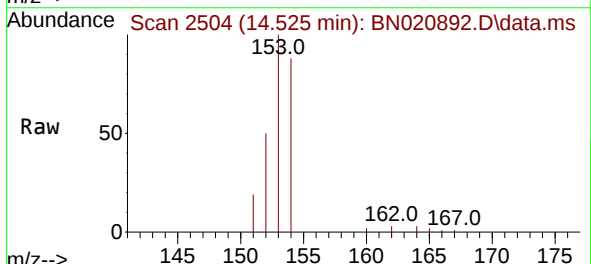
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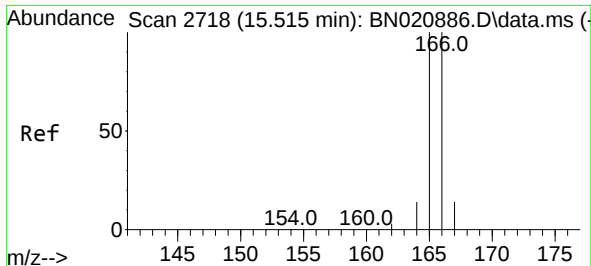
Tgt Ion:152 Resp: 7337
Ion Ratio Lower Upper
152 100
151 20.9 16.5 24.7
153 13.7 11.1 16.7



#11
Acenaphthene
Concen: 0.303 ng/ul
RT: 14.525 min Scan# 2504
Delta R.T. -0.005 min
Lab File: BN020892.D
Acq: 27 Jul 2022 10:41

Tgt Ion:153 Resp: 5955
Ion Ratio Lower Upper
153 100
152 50.3 40.0 60.0
154 87.6 70.0 105.0

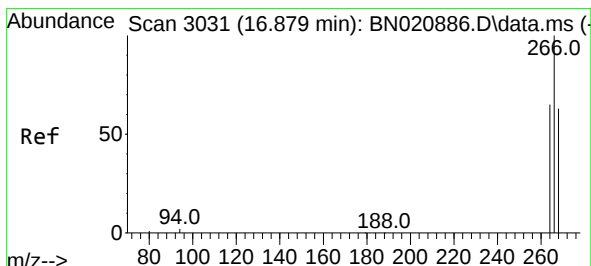
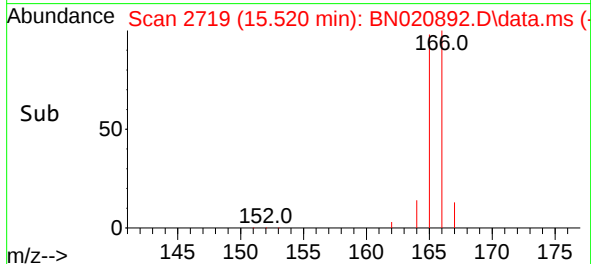
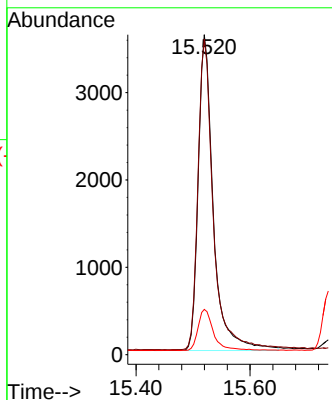
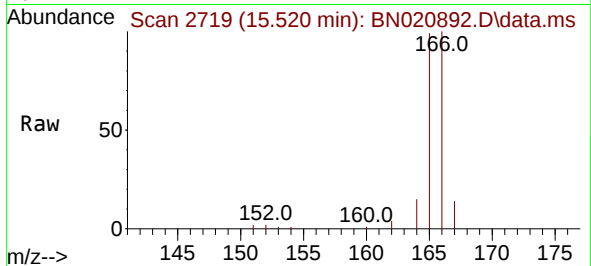




#12
 Fluorene
 Concen: 0.308 ng/ul
 RT: 15.520 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN020892.D
 Acq: 27 Jul 2022 10:41

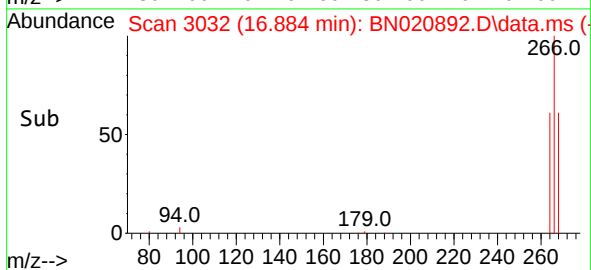
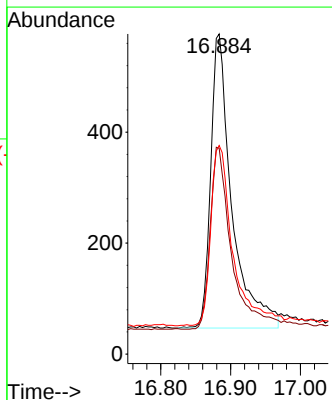
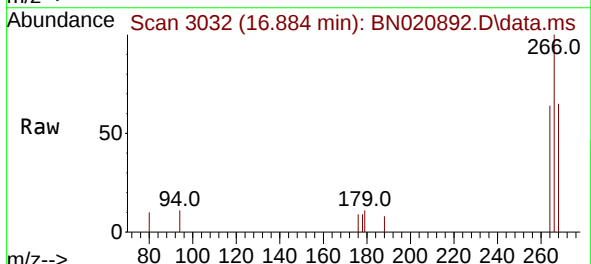
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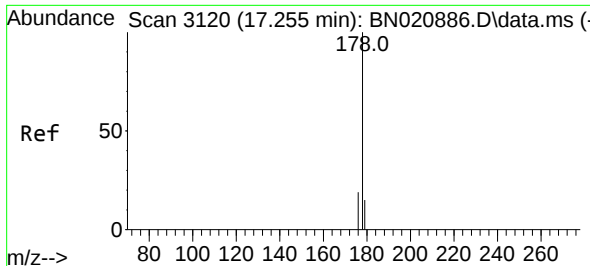
Tgt Ion:166 Resp: 6653
 Ion Ratio Lower Upper
 166 100
 165 98.7 78.2 117.2
 167 14.1 11.3 16.9



#14
 Pentachlorophenol
 Concen: 0.729 ng/ul
 RT: 16.884 min Scan# 3032
 Delta R.T. -0.008 min
 Lab File: BN020892.D
 Acq: 27 Jul 2022 10:41

Tgt Ion:266 Resp: 1116
 Ion Ratio Lower Upper
 266 100
 264 62.6 51.6 77.4
 268 63.6 51.5 77.3

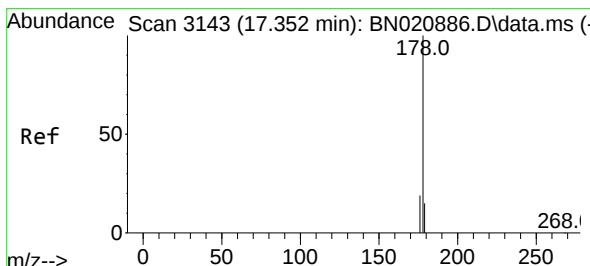
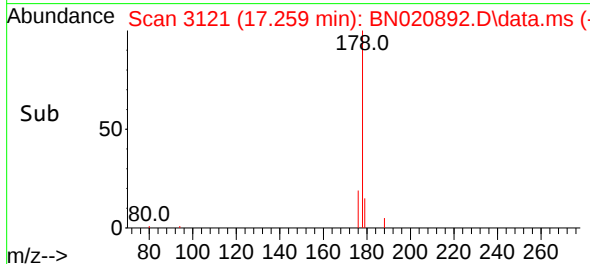
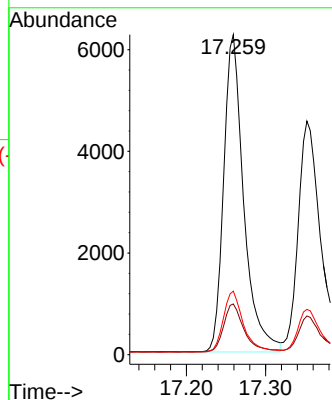
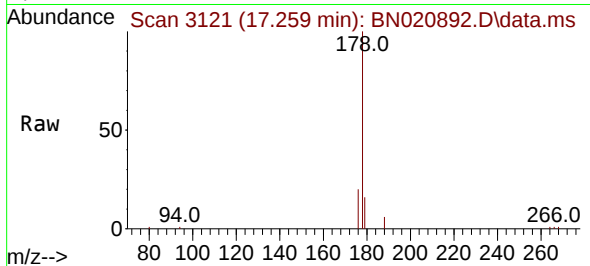




#15
Phenanthrene
Concen: 0.295 ng/ul
RT: 17.259 min Scan# 3121
Delta R.T. -0.004 min
Lab File: BN020892.D
Acq: 27 Jul 2022 10:41

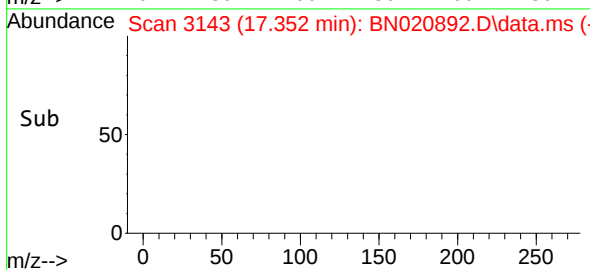
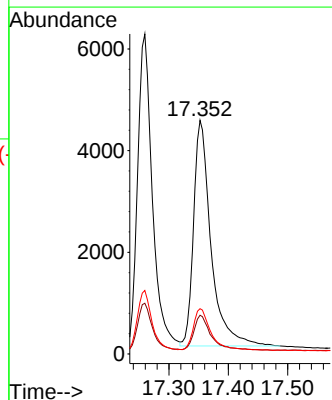
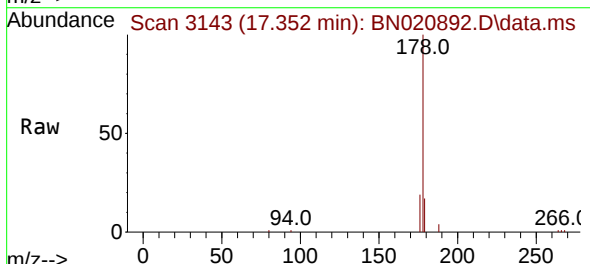
Instrument :
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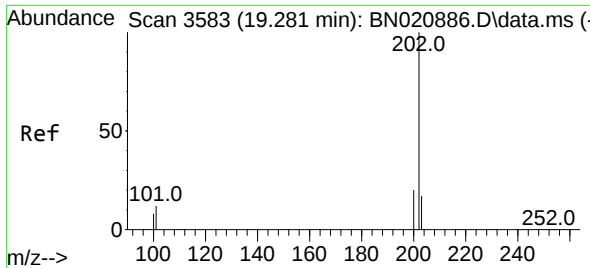
Tgt Ion:178 Resp: 11009
Ion Ratio Lower Upper
178 100
179 15.9 12.6 18.8
176 19.9 15.8 23.6



#16
Anthracene
Concen: 0.304 ng/ul
RT: 17.352 min Scan# 3143
Delta R.T. -0.004 min
Lab File: BN020892.D
Acq: 27 Jul 2022 10:41

Tgt Ion:178 Resp: 9062
Ion Ratio Lower Upper
178 100
179 16.6 12.8 19.2
176 19.4 15.2 22.8





#19

Fluoranthene

Concen: 0.321 ng/ul

RT: 19.285 min Scan# 3583

Delta R.T. -0.005 min

Lab File: BN020892.D

Acq: 27 Jul 2022 10:41

Instrument :

BNA_N

ClientSampleId :

SLCS456

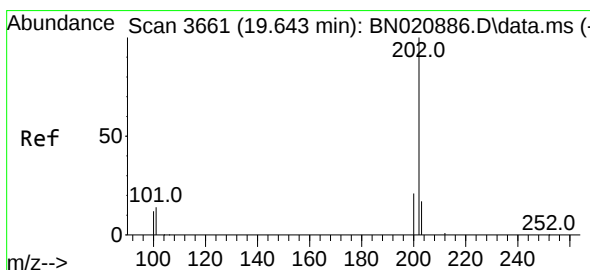
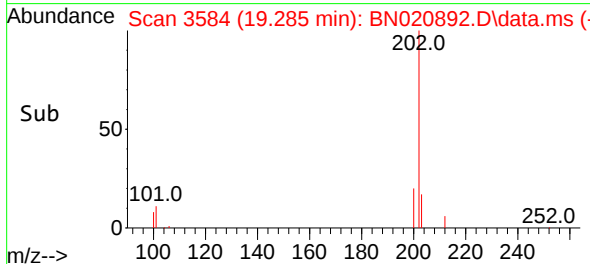
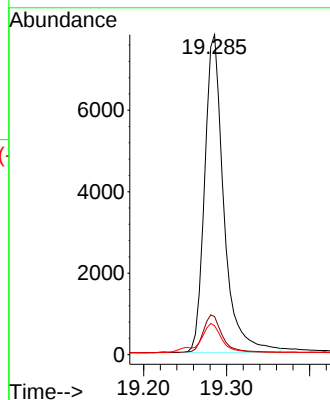
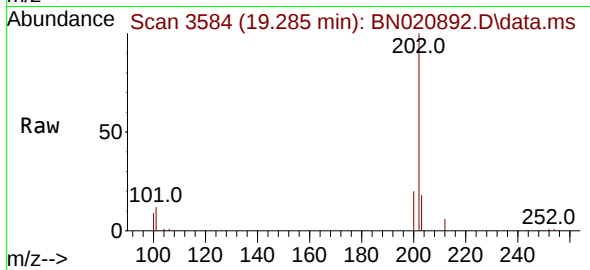
Tgt Ion:202 Resp: 12547

Ion Ratio Lower Upper

202 100

101 11.9 10.3 15.5

100 9.1 7.8 11.6



#20

Pyrene

Concen: 0.317 ng/ul

RT: 19.648 min Scan# 3662

Delta R.T. -0.005 min

Lab File: BN020892.D

Acq: 27 Jul 2022 10:41

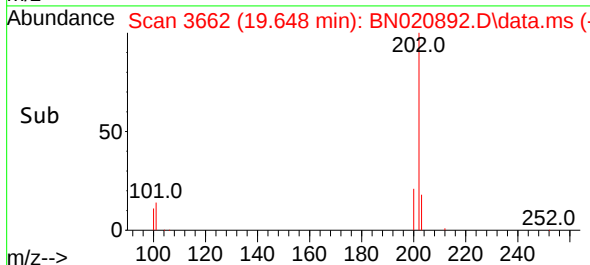
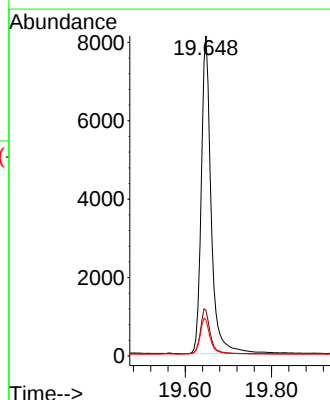
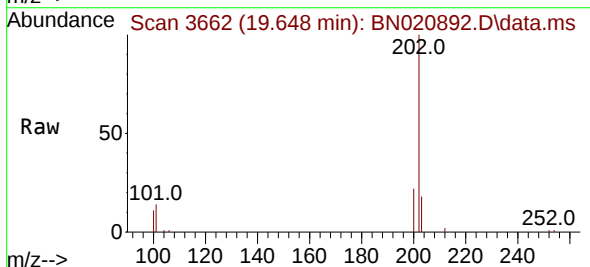
Tgt Ion:202 Resp: 12916

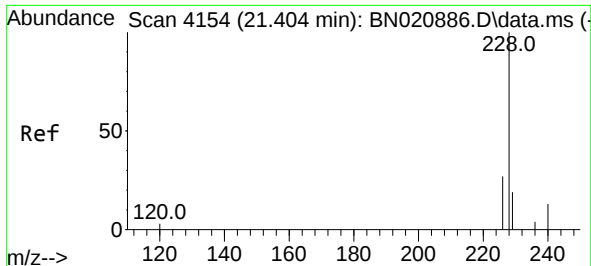
Ion Ratio Lower Upper

202 100

101 14.2 11.6 17.4

100 11.3 9.2 13.8

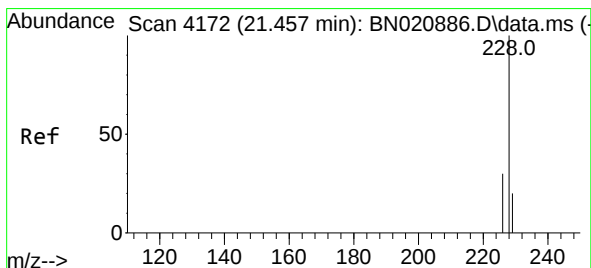
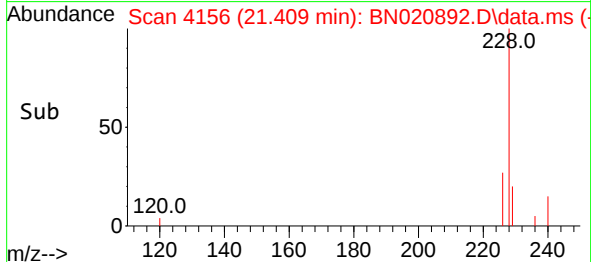
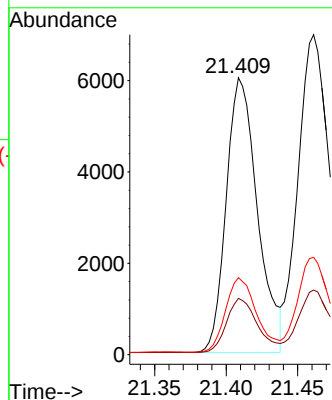
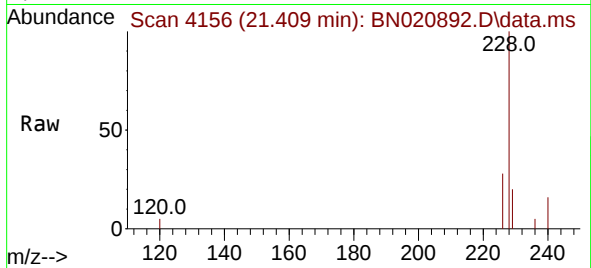




#21
Benzo(a)anthracene
Concen: 0.332 ng/ul
RT: 21.409 min Scan# 4154
Delta R.T. -0.007 min
Lab File: BN020892.D
Acq: 27 Jul 2022 10:41

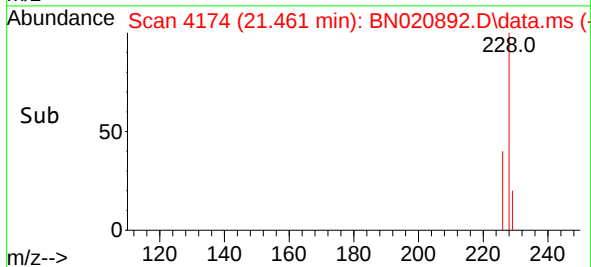
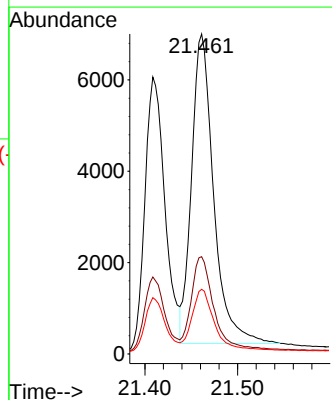
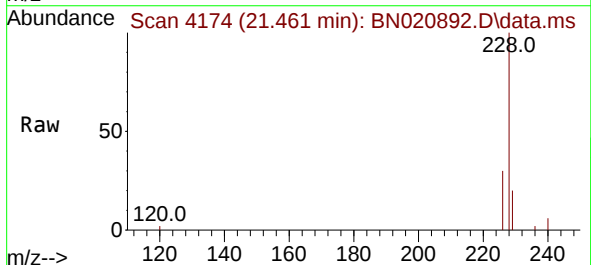
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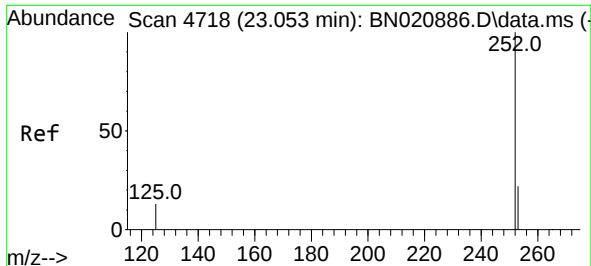
Tgt Ion:228 Resp: 9163
Ion Ratio Lower Upper
228 100
229 20.3 15.9 23.9
226 27.8 22.2 33.2



#22
Chrysene
Concen: 0.315 ng/ul
RT: 21.461 min Scan# 4174
Delta R.T. -0.005 min
Lab File: BN020892.D
Acq: 27 Jul 2022 10:41

Tgt Ion:228 Resp: 11181
Ion Ratio Lower Upper
228 100
226 30.4 23.9 35.9
229 20.2 15.8 23.8

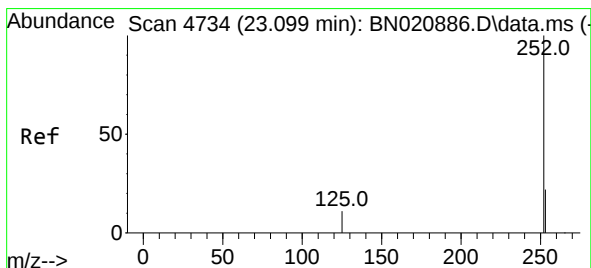
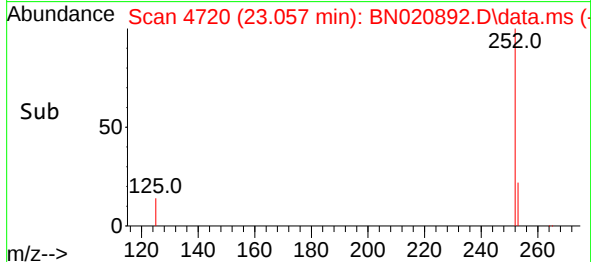
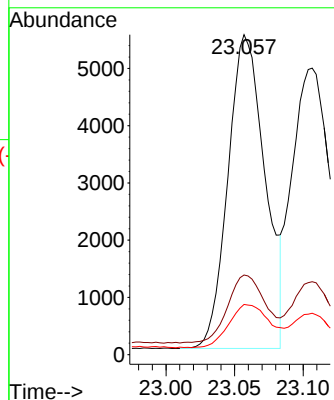
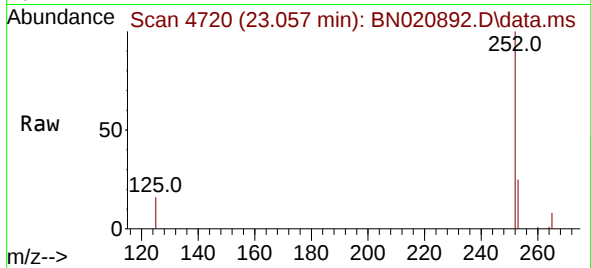




#24
Benzo(b)fluoranthene
Concen: 0.319 ng/ul
RT: 23.057 min Scan# 4718
Delta R.T. -0.007 min
Lab File: BN020892.D
Acq: 27 Jul 2022 10:41

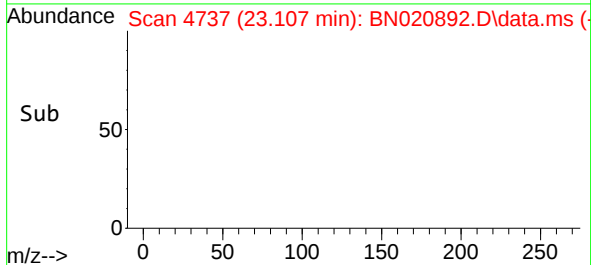
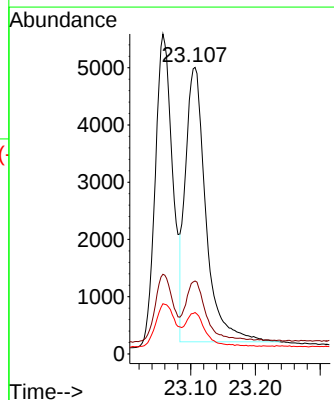
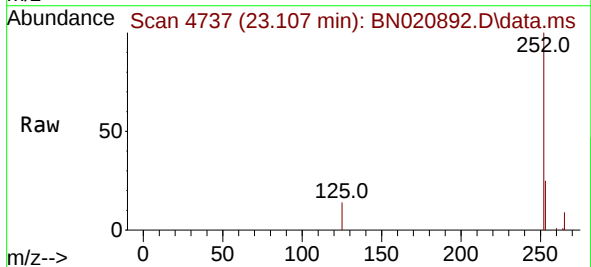
Instrument :
BNA_N
ClientSampleId :
SLCS456

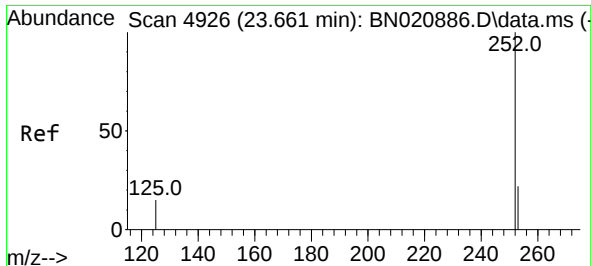
Tgt Ion:252 Resp: 10301
Ion Ratio Lower Upper
252 100
253 24.9 0.0 48.6
125 15.7 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.316 ng/ul
RT: 23.107 min Scan# 4737
Delta R.T. -0.002 min
Lab File: BN020892.D
Acq: 27 Jul 2022 10:41

Tgt Ion:252 Resp: 10538
Ion Ratio Lower Upper
252 100
253 25.4 19.7 29.5
125 14.5 12.0 18.0

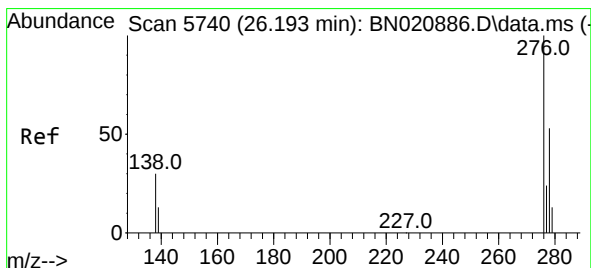
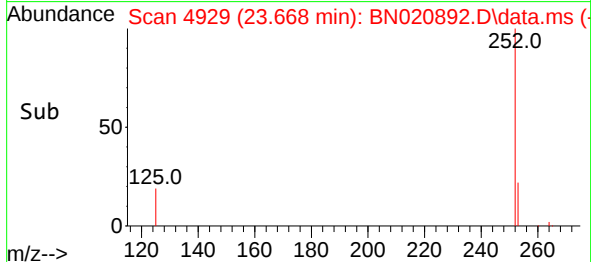
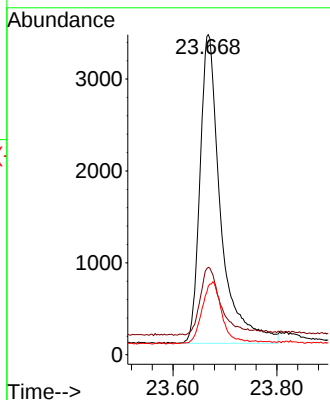
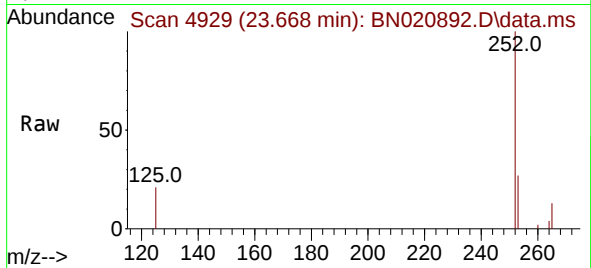




#26
Benzo(a)pyrene
Concen: 0.312 ng/ul
RT: 23.668 min Scan# 4926
Delta R.T. -0.007 min
Lab File: BN020892.D
Acq: 27 Jul 2022 10:41

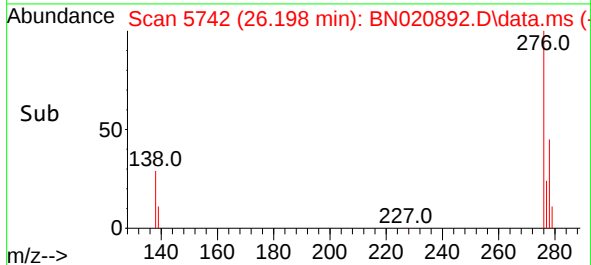
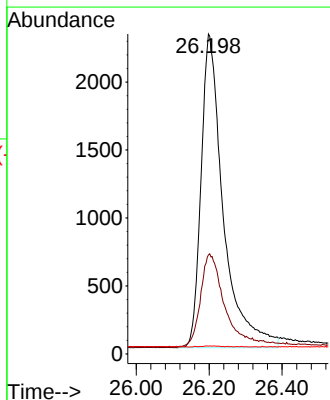
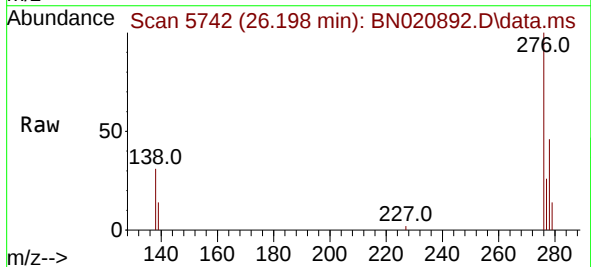
Instrument :
BNA_N
ClientSampleId :
SLCS456

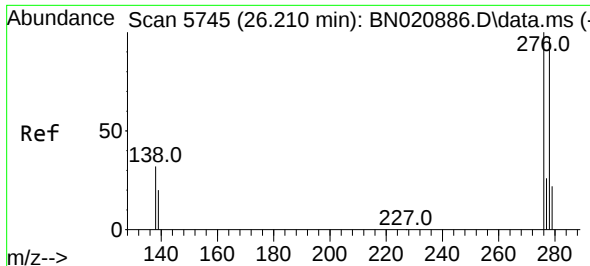
Tgt Ion:252 Resp: 9282
Ion Ratio Lower Upper
252 100
253 27.3 21.0 31.4
125 21.4 18.8 28.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.312 ng/ul
RT: 26.198 min Scan# 5742
Delta R.T. -0.012 min
Lab File: BN020892.D
Acq: 27 Jul 2022 10:41

Tgt Ion:276 Resp: 9751
Ion Ratio Lower Upper
276 100
138 32.5 27.4 41.2
227 0.2 0.2 0.2

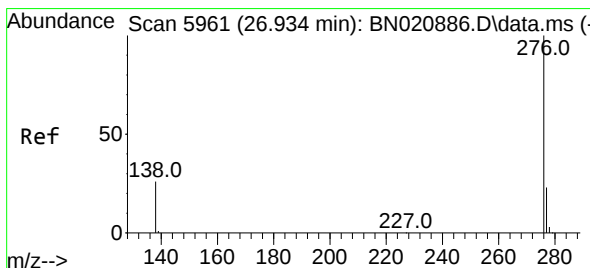
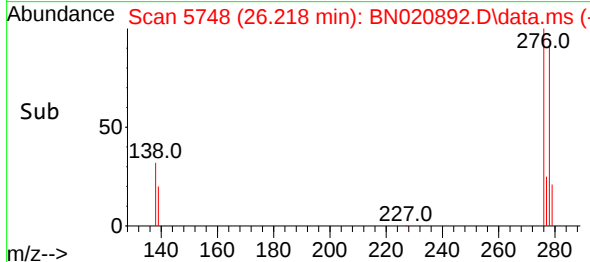
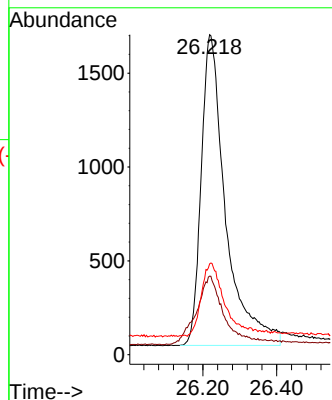
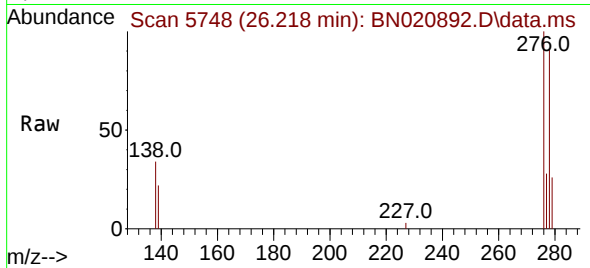




#28
Dibenzo(a,h)anthracene
Concen: 0.319 ng/ul
RT: 26.218 min Scan# 51
Delta R.T. -0.012 min
Lab File: BN020892.D
Acq: 27 Jul 2022 10:41

Instrument :
BNA_N
ClientSampleId :
SLCS456

Tgt Ion:278 Resp: 7600
Ion Ratio Lower Upper
278 100
139 24.6 18.8 28.2
279 28.4 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.308 ng/ul
RT: 26.936 min Scan# 5962
Delta R.T. -0.012 min
Lab File: BN020892.D
Acq: 27 Jul 2022 10:41

Tgt Ion:276 Resp: 8681
Ion Ratio Lower Upper
276 100
138 29.1 23.5 35.3
277 24.9 20.1 30.1

