

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061822\
 Data File : BN020266.D
 Acq On : 18 Jun 2022 20:05
 Operator : CG/JU
 Sample : SST0.805
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.8205

Quant Time: Jun 20 00:57:57 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN061822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 00:54:39 2022
 Response via : Initial Calibration

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

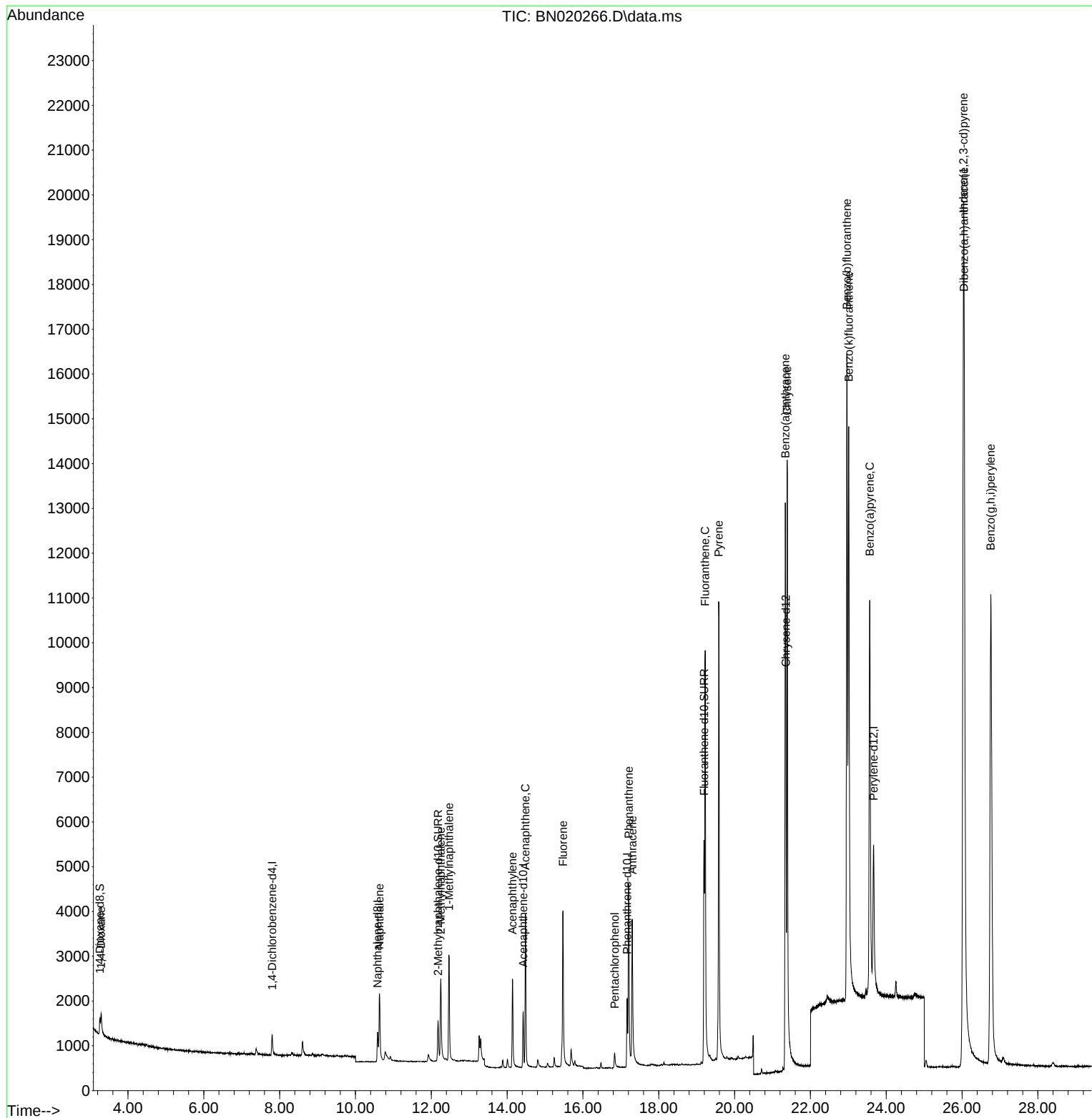
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	322	0.400	ng/ul	0.00
4) Naphthalene-d8	10.584	136	1141	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.423	164	812	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.166	188	2152	0.400	ng/ul #	0.00
17) Chrysene-d12	21.353	240	4822	0.400	ng/ul	0.00
23) Perylene-d12	23.668	264	4989	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.260	96	348	0.948	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.179	152	1534	0.842	ng/ul	0.00
18) Fluoranthene-d10	19.193	212	6316	0.433	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.290	88	320	0.829	ng/ul#	79
5) Naphthalene	10.634	128	2737	0.762	ng/ul	99
7) 2-Methylnaphthalene	12.251	142	1675	0.726	ng/ul	98
8) 1-Methylnaphthalene	12.465	142	1916	0.890	ng/ul	100
10) Acenaphthylene	14.141	152	2808	0.697	ng/ul	97
11) Acenaphthene	14.483	153	2264	0.731	ng/ul	99
12) Fluorene	15.473	166	2717	0.763	ng/ul	99
14) Pentachlorophenol	16.837	266	343	0.758	ng/ul	96
15) Phenanthrene	17.209	178	5343	0.700	ng/ul	98
16) Anthracene	17.302	178	4609	0.698	ng/ul	99
19) Fluoranthene	19.225	202	9135	0.443	ng/ul	99
20) Pyrene	19.583	202	9901	0.477	ng/ul	100
21) Benzo(a)anthracene	21.338	228	11048	0.625	ng/ul	99
22) Chrysene	21.388	228	13618	0.683	ng/ul	99
24) Benzo(b)fluoranthene	22.963	252	20267	0.885	ng/ul	98
25) Benzo(k)fluoranthene	23.010	252	19327	0.860	ng/ul	99
26) Benzo(a)pyrene	23.566	252	15730	0.750	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.037	276	27540	1.153	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.051	278	22503	1.154	ng/ul	99
29) Benzo(g,h,i)perylene	26.758	276	24785	1.226	ng/ul	99

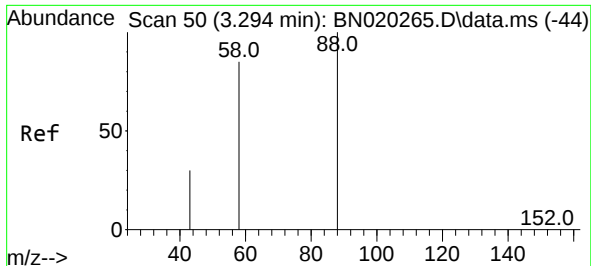
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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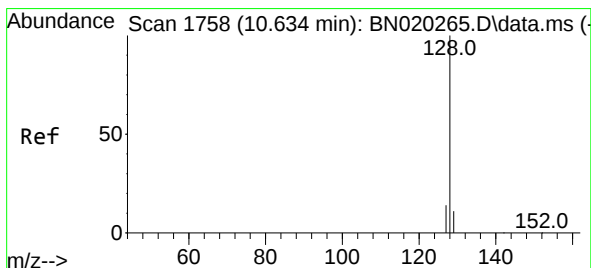
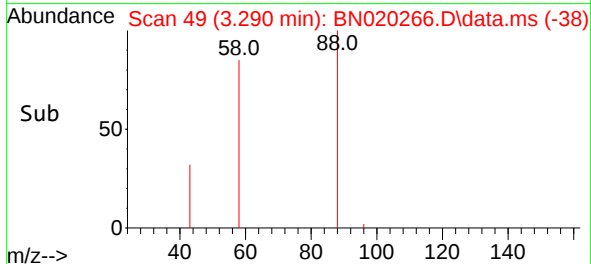
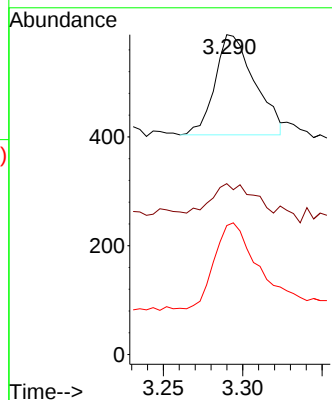
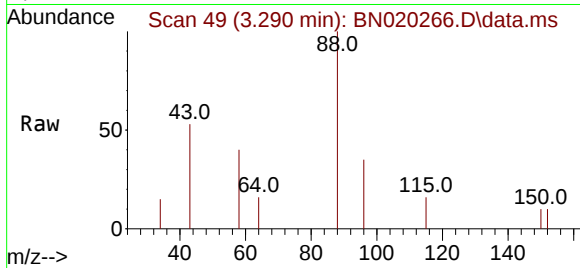




#2
1,4-Dioxane
Concen: 0.829 ng/ul
RT: 3.290 min Scan# 49
Delta R.T. -0.004 min
Lab File: BN020266.D
Acq: 18 Jun 2022 20:05

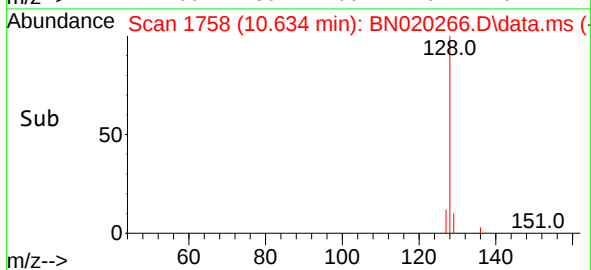
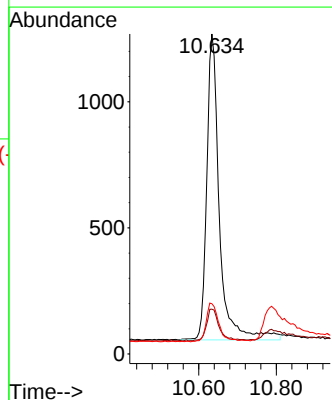
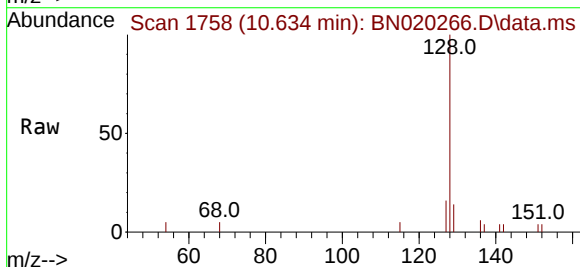
Instrument :
BNA_N
ClientSampleId :
SSTD0.8205

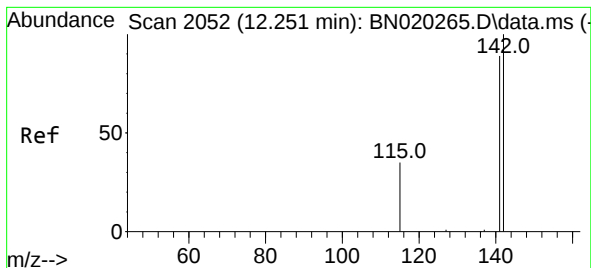
Tgt Ion: 88 Resp: 320
Ion Ratio Lower Upper
88 100
43 53.4 31.6 47.4#
58 40.3 23.8 35.6#



#5
Naphthalene
Concen: 0.762 ng/ul
RT: 10.634 min Scan# 1758
Delta R.T. 0.000 min
Lab File: BN020266.D
Acq: 18 Jun 2022 20:05

Tgt Ion: 128 Resp: 2737
Ion Ratio Lower Upper
128 100
129 14.0 11.0 16.4
127 15.7 12.8 19.2

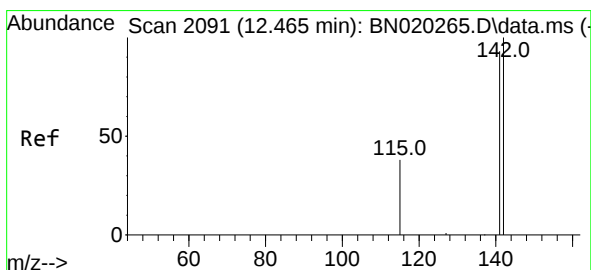
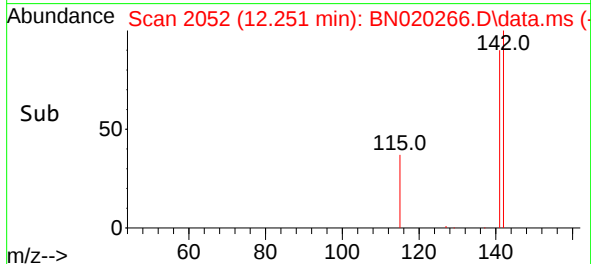
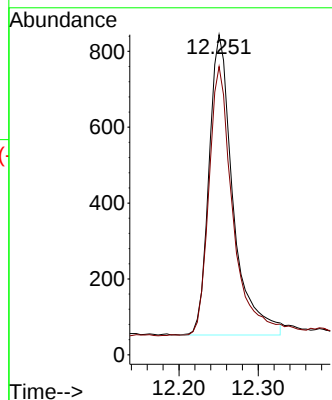
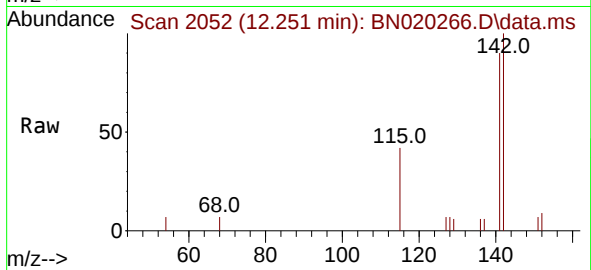




#7
2-Methylnaphthalene
Concen: 0.726 ng/ul
RT: 12.251 min Scan# 2052
Delta R.T. 0.000 min
Lab File: BN020266.D
Acq: 18 Jun 2022 20:05

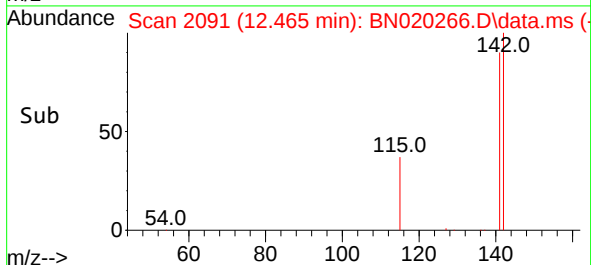
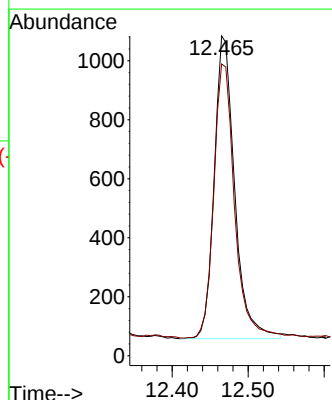
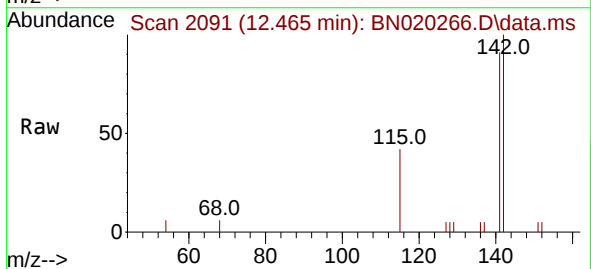
Instrument :
BNA_N
ClientSampleId :
SSTD0.8205

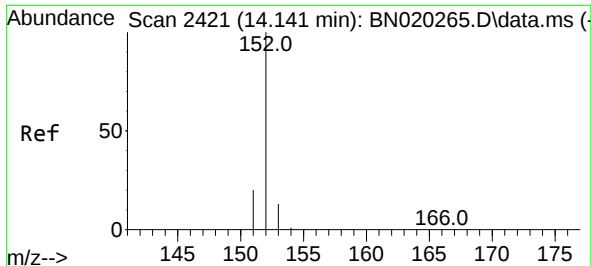
Tgt Ion:142 Resp: 1675
Ion Ratio Lower Upper
142 100
141 88.1 71.8 107.8



#8
1-Methylnaphthalene
Concen: 0.890 ng/ul
RT: 12.465 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BN020266.D
Acq: 18 Jun 2022 20:05

Tgt Ion:142 Resp: 1916
Ion Ratio Lower Upper
142 100
141 92.0 73.4 110.0

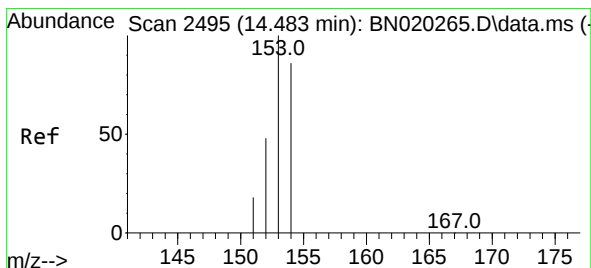
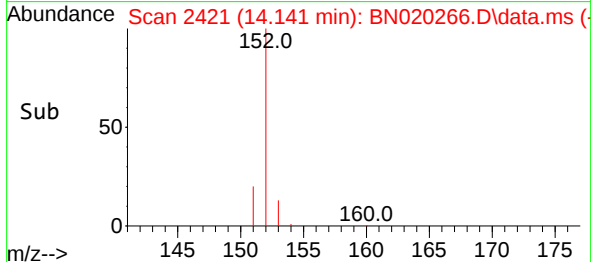
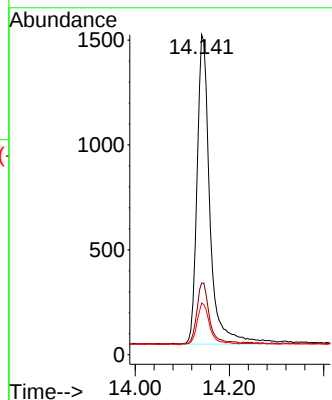
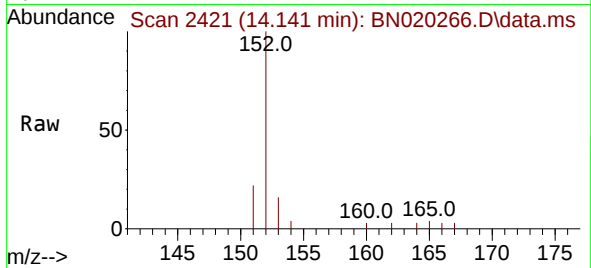




#10
Acenaphthylene
Concen: 0.697 ng/ul
RT: 14.141 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BN020266.D
Acq: 18 Jun 2022 20:05

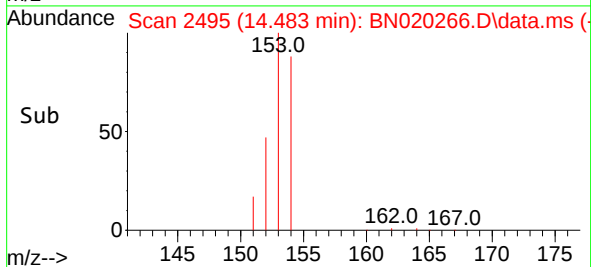
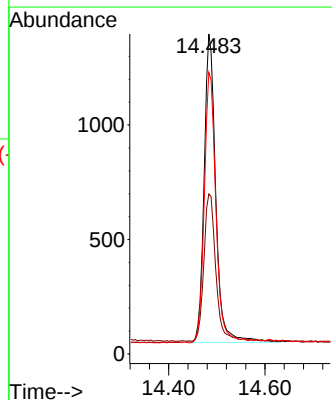
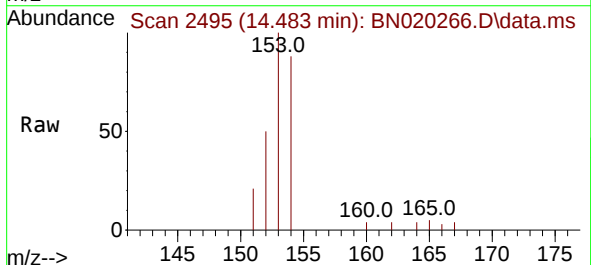
Instrument :
BNA_N
ClientSampleId :
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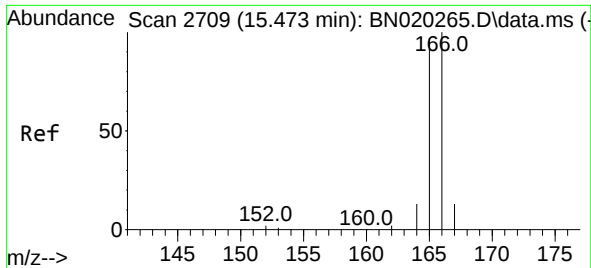
Tgt Ion:152 Resp: 2808
Ion Ratio Lower Upper
152 100
151 22.4 17.2 25.8
153 16.1 11.7 17.5



#11
Acenaphthene
Concen: 0.731 ng/ul
RT: 14.483 min Scan# 2495
Delta R.T. 0.000 min
Lab File: BN020266.D
Acq: 18 Jun 2022 20:05

Tgt Ion:153 Resp: 2264
Ion Ratio Lower Upper
153 100
152 50.0 39.9 59.9
154 88.0 69.2 103.8

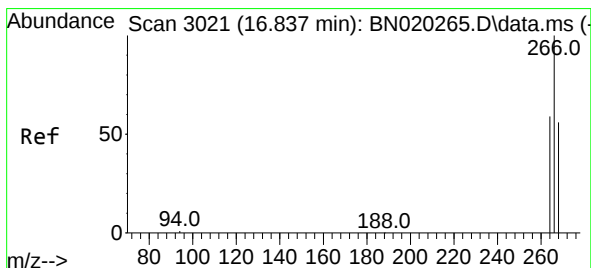
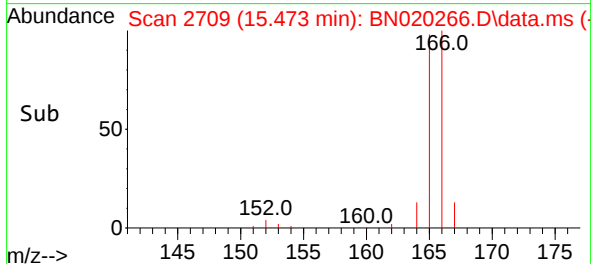
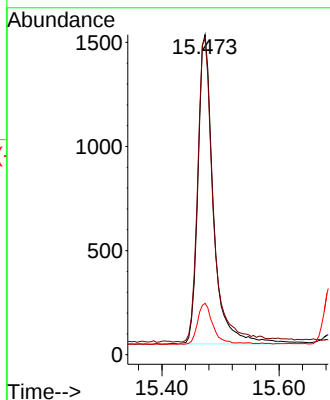
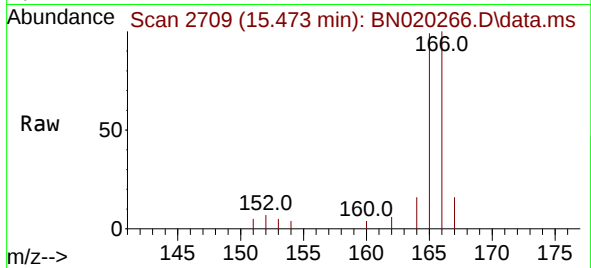




#12
 Fluorene
 Concen: 0.763 ng/ul
 RT: 15.473 min Scan# 2709
 Delta R.T. 0.000 min
 Lab File: BN020266.D
 Acq: 18 Jun 2022 20:05

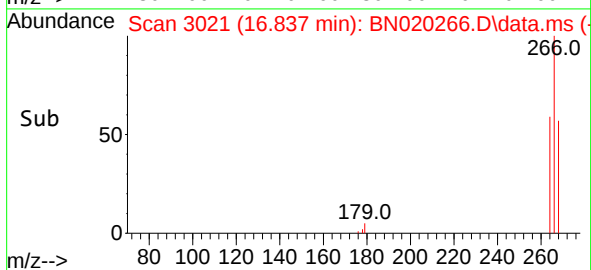
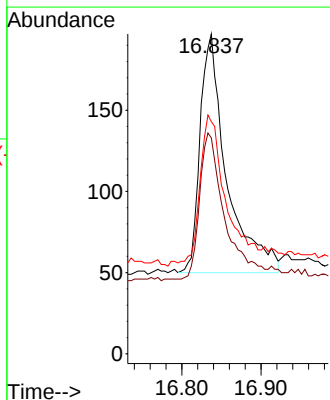
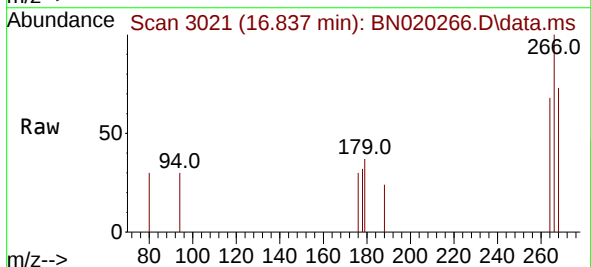
Instrument :
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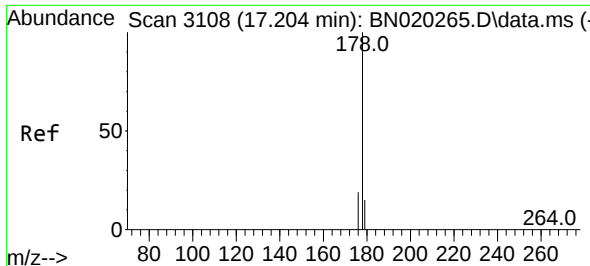
Tgt Ion:166 Resp: 2717
 Ion Ratio Lower Upper
 166 100
 165 98.8 78.2 117.4
 167 16.1 12.1 18.1



#14
 Pentachlorophenol
 Concen: 0.758 ng/ul
 RT: 16.837 min Scan# 3021
 Delta R.T. 0.000 min
 Lab File: BN020266.D
 Acq: 18 Jun 2022 20:05

Tgt Ion:266 Resp: 343
 Ion Ratio Lower Upper
 266 100
 264 59.2 49.8 74.8
 268 61.8 51.8 77.6

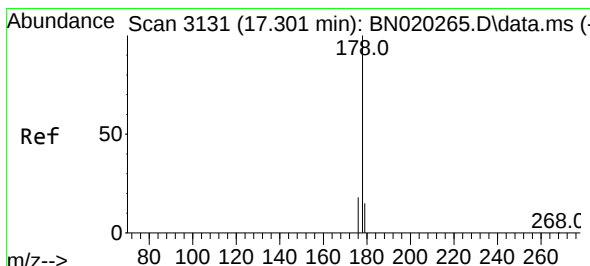
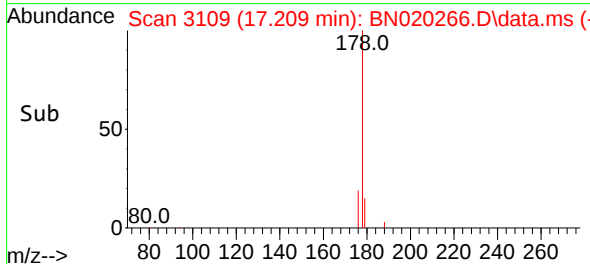
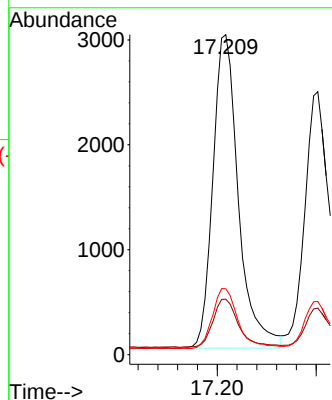
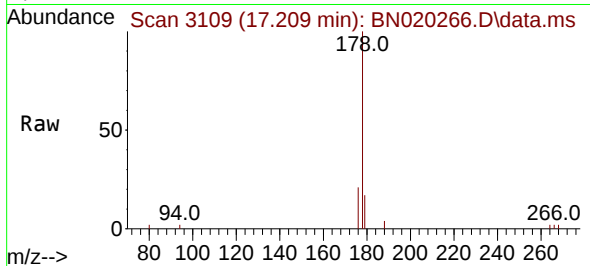




#15
Phenanthrene
Concen: 0.700 ng/u1
RT: 17.209 min Scan# 3109
Delta R.T. 0.004 min
Lab File: BN020266.D
Acq: 18 Jun 2022 20:05

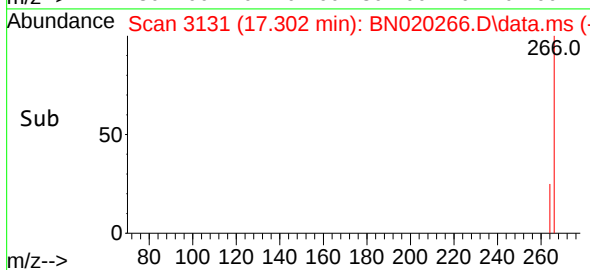
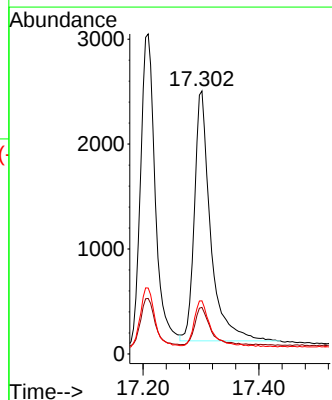
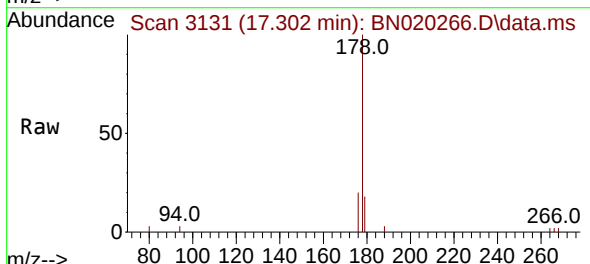
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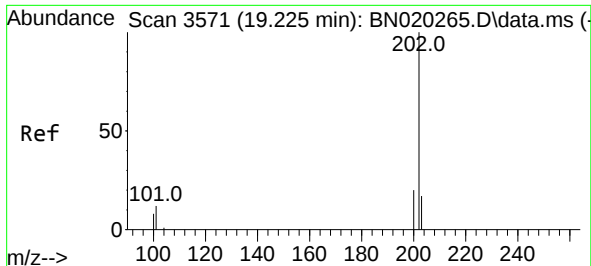
Tgt Ion:178 Resp: 5343
Ion Ratio Lower Upper
178 100
179 17.3 13.4 20.0
176 20.6 15.8 23.6



#16
Anthracene
Concen: 0.698 ng/u1
RT: 17.302 min Scan# 3131
Delta R.T. 0.000 min
Lab File: BN020266.D
Acq: 18 Jun 2022 20:05

Tgt Ion:178 Resp: 4609
Ion Ratio Lower Upper
178 100
179 17.7 13.8 20.8
176 20.2 15.6 23.4

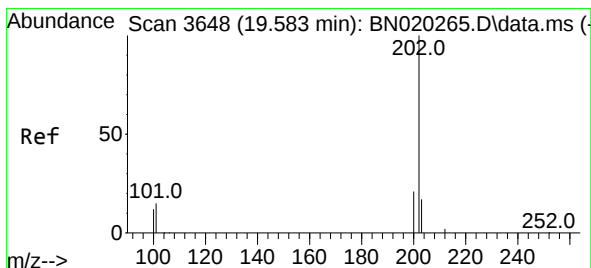
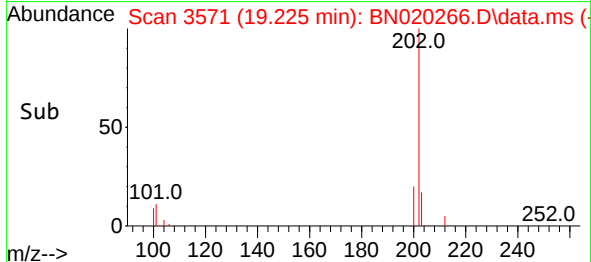
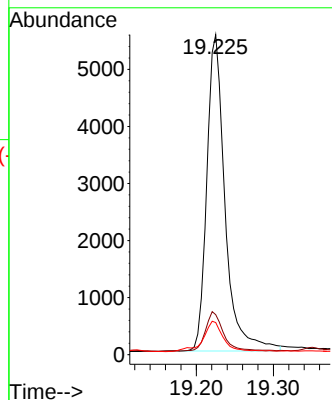
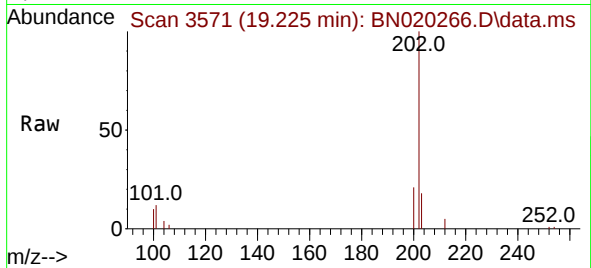




#19
Fluoranthene
Concen: 0.443 ng/u1
RT: 19.225 min Scan# 3571
Delta R.T. 0.000 min
Lab File: BN020266.D
Acq: 18 Jun 2022 20:05

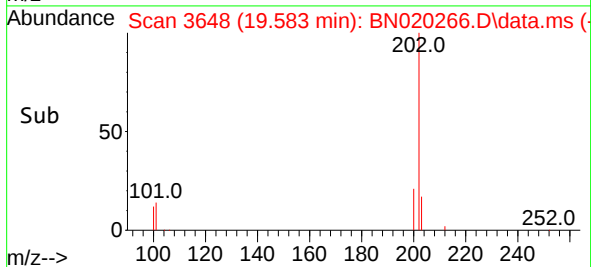
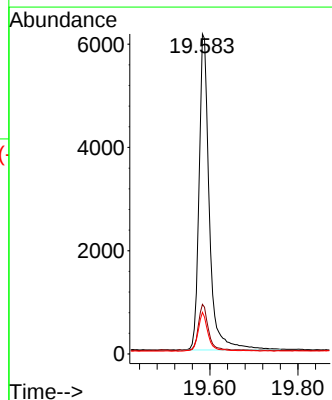
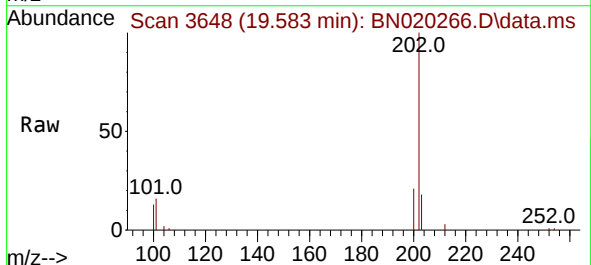
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SSTD0.8205

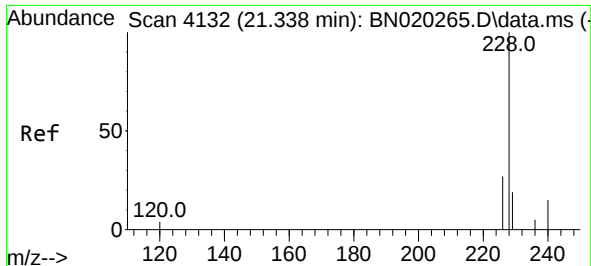
Tgt Ion:202 Resp: 9135
Ion Ratio Lower Upper
202 100
101 12.5 9.9 14.9
100 10.1 7.6 11.4



#20
Pyrene
Concen: 0.477 ng/u1
RT: 19.583 min Scan# 3648
Delta R.T. 0.000 min
Lab File: BN020266.D
Acq: 18 Jun 2022 20:05

Tgt Ion:202 Resp: 9901
Ion Ratio Lower Upper
202 100
101 15.5 12.6 19.0
100 13.0 10.3 15.5

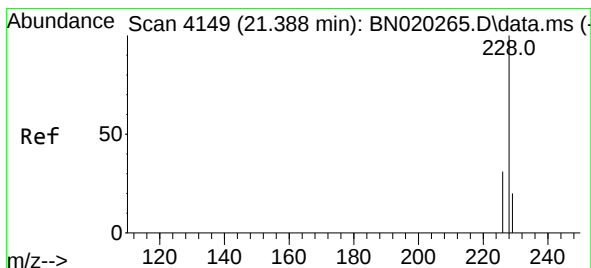
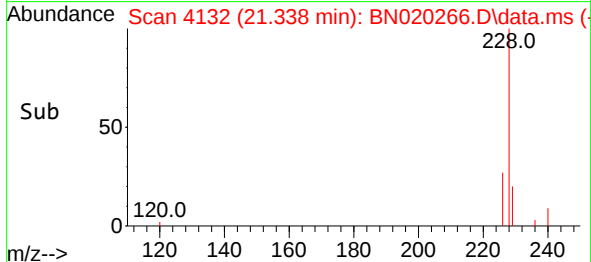
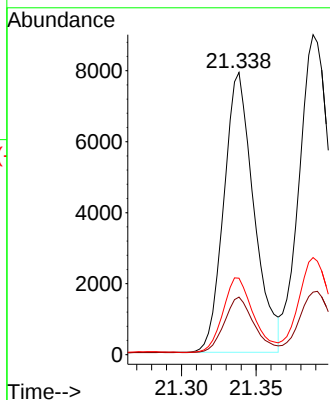
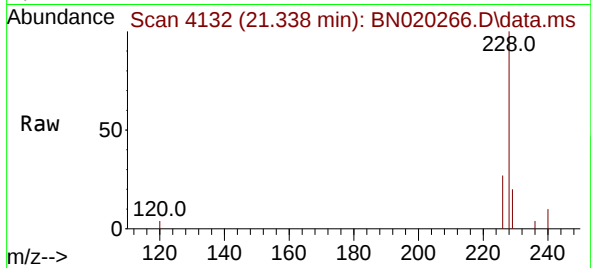




#21
Benzo(a)anthracene
Concen: 0.625 ng/ul
RT: 21.338 min Scan# 4132
Delta R.T. 0.000 min
Lab File: BN020266.D
Acq: 18 Jun 2022 20:05

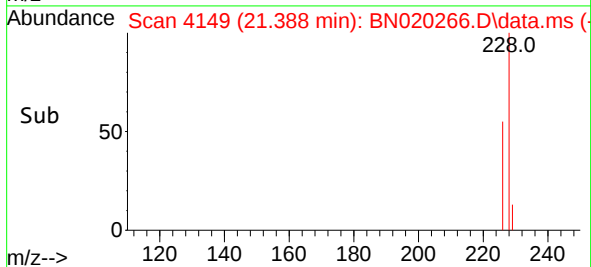
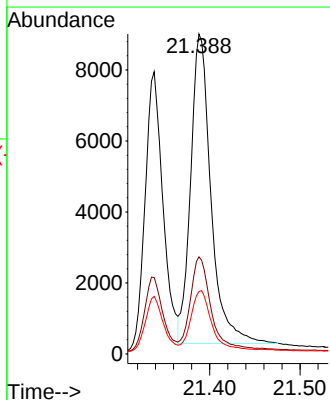
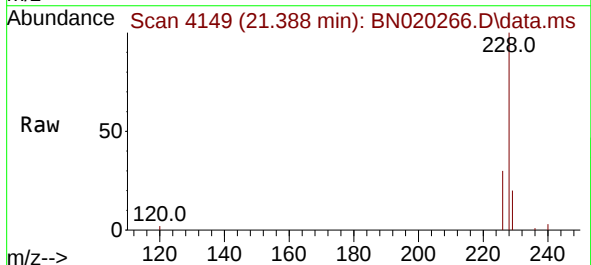
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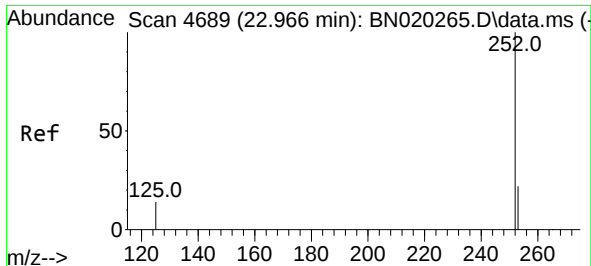
Tgt Ion:228 Resp: 11048
Ion Ratio Lower Upper
228 100
229 20.4 16.0 24.0
226 27.1 21.8 32.6



#22
Chrysene
Concen: 0.683 ng/ul
RT: 21.388 min Scan# 4149
Delta R.T. 0.000 min
Lab File: BN020266.D
Acq: 18 Jun 2022 20:05

Tgt Ion:228 Resp: 13618
Ion Ratio Lower Upper
228 100
226 30.4 24.7 37.1
229 19.5 16.0 24.0

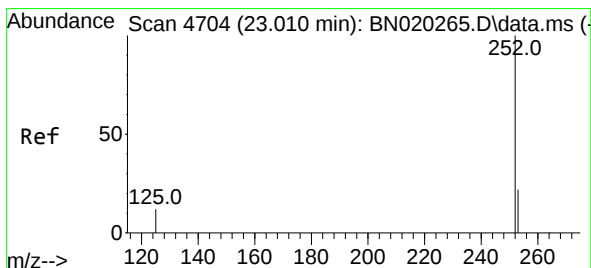
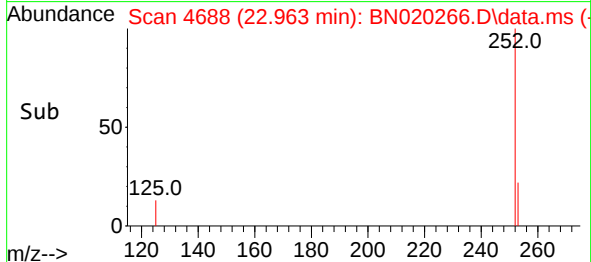
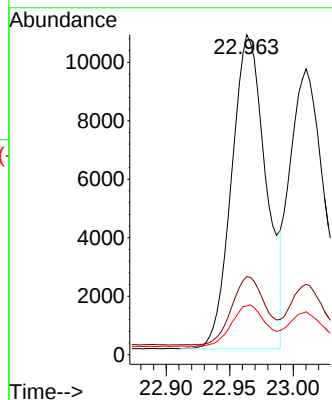
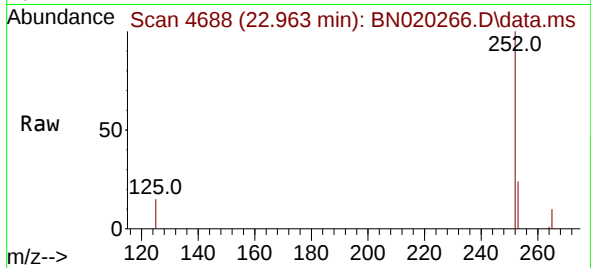




#24
Benzo(b)fluoranthene
Concen: 0.885 ng/ul
RT: 22.963 min Scan# 4688
Delta R.T. -0.003 min
Lab File: BN020266.D
Acq: 18 Jun 2022 20:05

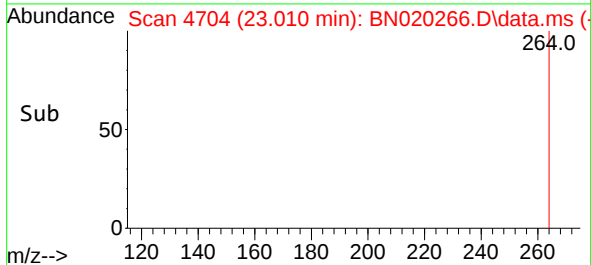
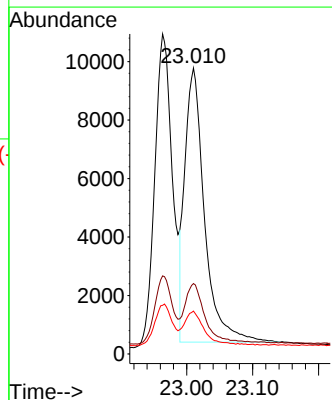
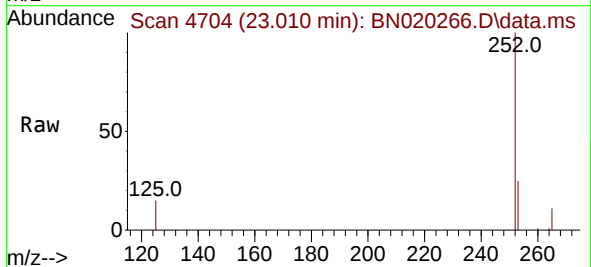
Instrument :
BNA_N
ClientSampleId :
SSTD0.8205

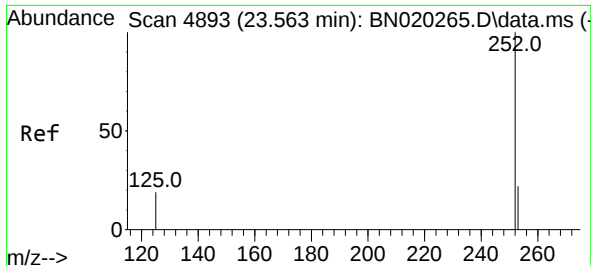
Tgt Ion:252 Resp: 20267
Ion Ratio Lower Upper
252 100
253 24.4 0.0 49.4
125 15.2 0.0 33.2



#25
Benzo(k)fluoranthene
Concen: 0.860 ng/ul
RT: 23.010 min Scan# 4704
Delta R.T. 0.000 min
Lab File: BN020266.D
Acq: 18 Jun 2022 20:05

Tgt Ion:252 Resp: 19327
Ion Ratio Lower Upper
252 100
253 24.6 20.2 30.4
125 15.0 12.3 18.5

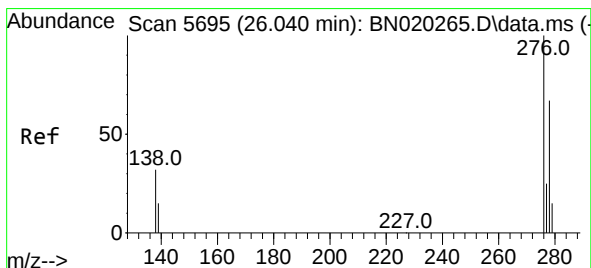
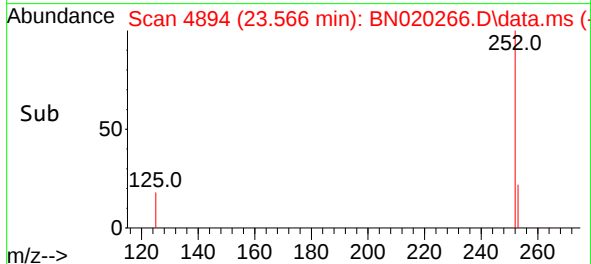
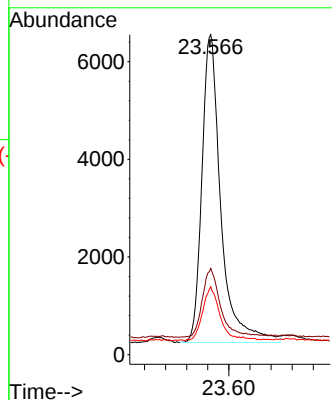
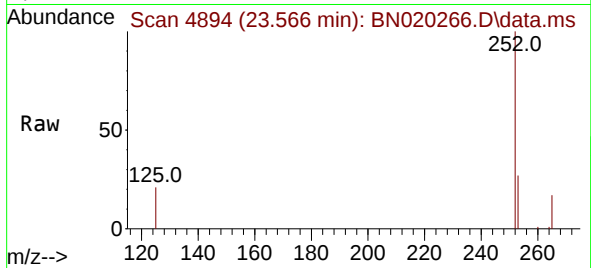




#26
Benzo(a)pyrene
Concen: 0.750 ng/ul
RT: 23.566 min Scan# 4893
Delta R.T. 0.003 min
Lab File: BN020266.D
Acq: 18 Jun 2022 20:05

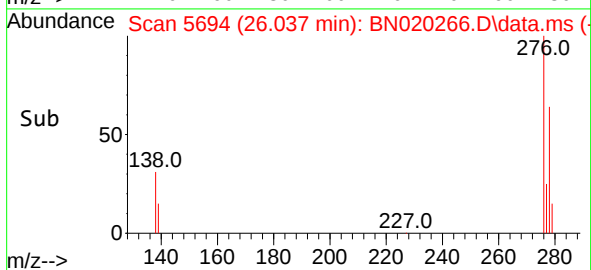
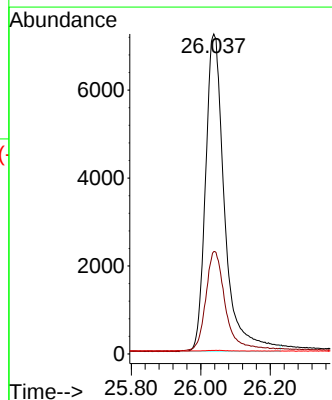
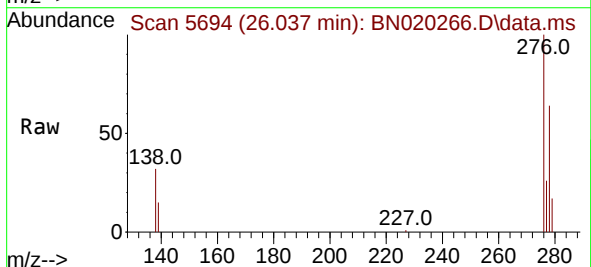
Instrument :
BNA_N
ClientSampleId :
SSTD0.8205

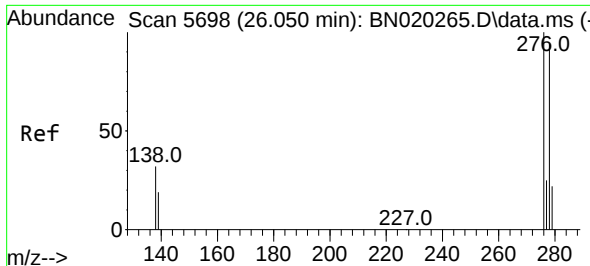
Tgt Ion:252 Resp: 15730
Ion Ratio Lower Upper
252 100
253 26.9 21.7 32.5
125 21.3 18.6 28.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.153 ng/ul
RT: 26.037 min Scan# 5694
Delta R.T. -0.003 min
Lab File: BN020266.D
Acq: 18 Jun 2022 20:05

Tgt Ion:276 Resp: 27540
Ion Ratio Lower Upper
276 100
138 32.6 26.5 39.7
227 0.2 0.0 0.0#

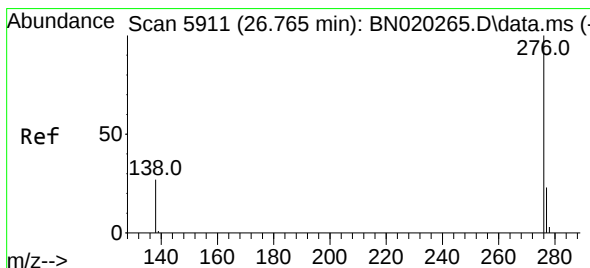
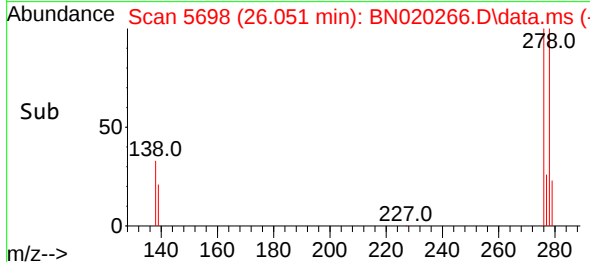
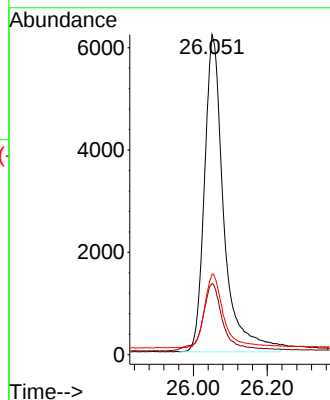
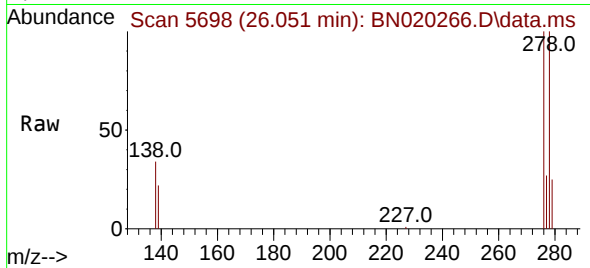




#28
Dibenzo(a,h)anthracene
Concen: 1.154 ng/ul
RT: 26.051 min Scan# 5098
Delta R.T. 0.000 min
Lab File: BN020266.D
Acq: 18 Jun 2022 20:05

Instrument :
BNA_N
ClientSampleId :
SSTD0.8205

Tgt Ion:278 Resp: 22503
Ion Ratio Lower Upper
278 100
139 22.2 18.2 27.2
279 25.1 20.8 31.2



#29
Benzo(g,h,i)perylene
Concen: 1.226 ng/ul
RT: 26.758 min Scan# 5909
Delta R.T. -0.007 min
Lab File: BN020266.D
Acq: 18 Jun 2022 20:05

Tgt Ion:276 Resp: 24785
Ion Ratio Lower Upper
276 100
138 28.4 23.0 34.4
277 24.2 19.7 29.5

