

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053122\
 Data File : BN020001.D
 Acq On : 31 May 2022 14:16
 Operator : CG/JU
 Sample : SST0.446
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.4246

Quant Time: May 31 15:22:25 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN053122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 31 15:19:36 2022
 Response via : Initial Calibration

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

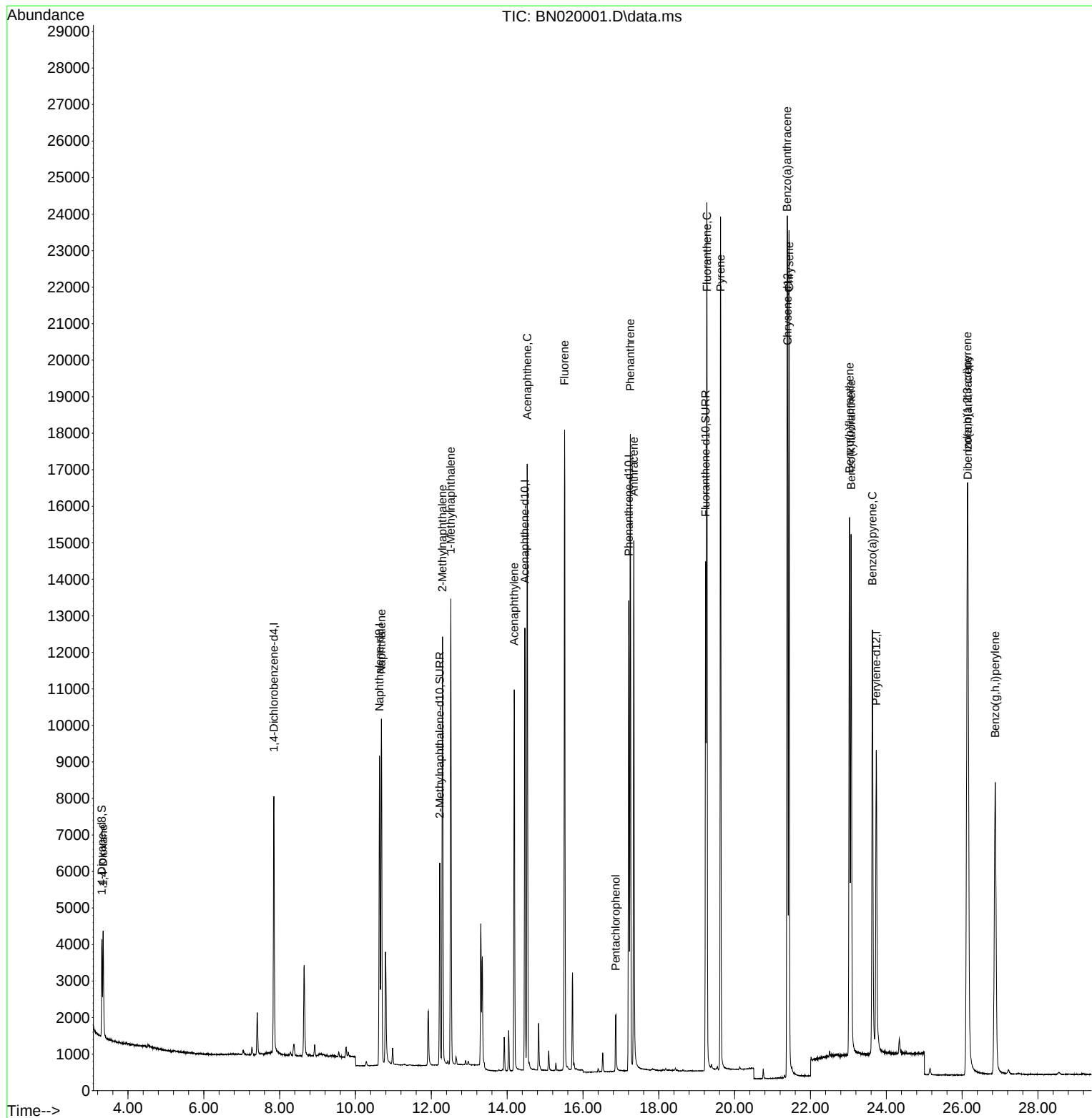
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	3893	0.400	ng/ul	0.00
4) Naphthalene-d8	10.634	136	11925	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.469	164	7031	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.208	188	15364	0.400	ng/ul	0.00
17) Chrysene-d12	21.398	240	13606	0.400	ng/ul	0.00
23) Perylene-d12	23.737	264	12043	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	1766	0.487	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.223	152	7545	0.388	ng/ul	0.00
18) Fluoranthene-d10	19.234	212	16001	0.329	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.344	88	1843	0.487	ng/ul#	85
5) Naphthalene	10.683	128	13578	0.363	ng/ul	100
7) 2-Methylnaphthalene	12.294	142	8799	0.355	ng/ul#	100
8) 1-Methylnaphthalene	12.514	142	8934	0.387	ng/ul#	100
10) Acenaphthylene	14.187	152	12514	0.312	ng/ul	99
11) Acenaphthene	14.529	153	9741	0.359	ng/ul	98
12) Fluorene	15.515	166	11201	0.369	ng/ul	99
14) Pentachlorophenol	16.862	266	1162	0.454	ng/ul	89
15) Phenanthrene	17.246	178	19331	0.358	ng/ul	99
16) Anthracene	17.339	178	16729	0.330	ng/ul	99
19) Fluoranthene	19.267	202	20766	0.306	ng/ul	99
20) Pyrene	19.629	202	20955	0.304	ng/ul	99
21) Benzo(a)anthracene	21.384	228	17801	0.320	ng/ul	99
22) Chrysene	21.436	228	20234	0.360	ng/ul	99
24) Benzo(b)fluoranthene	23.029	252	19983	0.375	ng/ul	91
25) Benzo(k)fluoranthene	23.073	252	19392	0.374	ng/ul	97
26) Benzo(a)pyrene	23.634	252	18199	0.362	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	26.139	276	21399	0.405	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.153	278	17392	0.402	ng/ul#	80
29) Benzo(g,h,i)perylene	26.874	276	17863	0.395	ng/ul	97

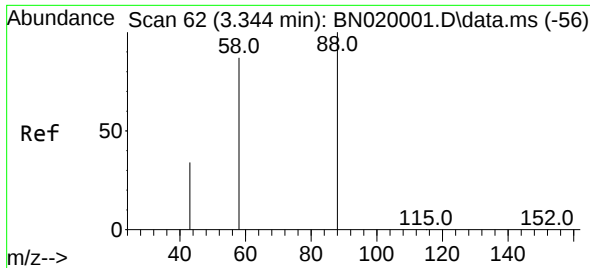
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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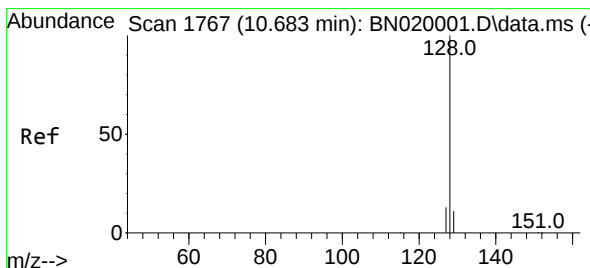
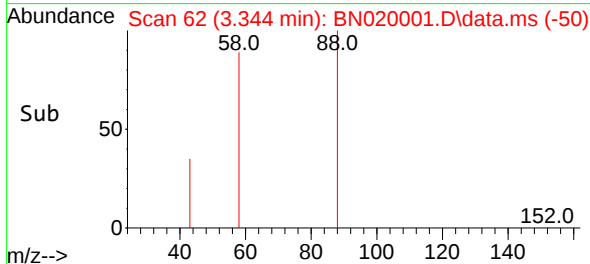
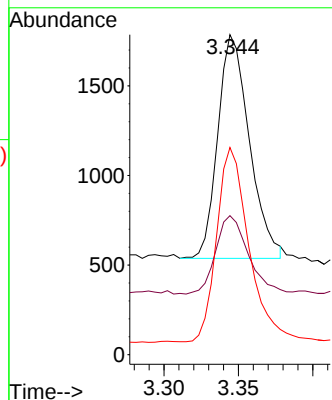
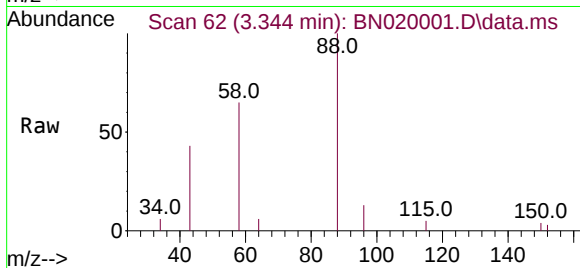




#2
 1,4-Dioxane
 Concen: 0.487 ng/ul
 RT: 3.344 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN020001.D
 Acq: 31 May 2022 14:16

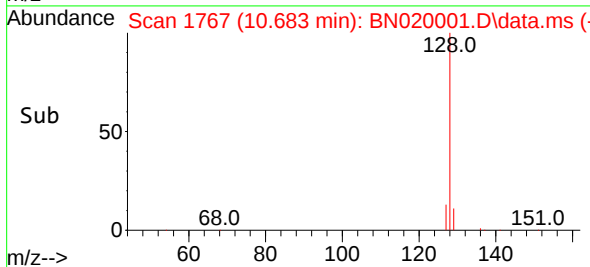
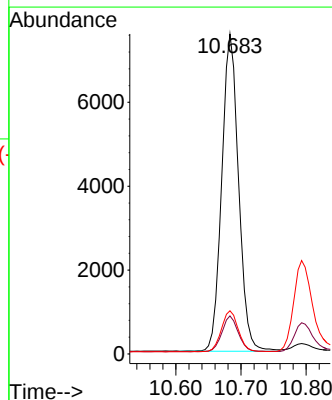
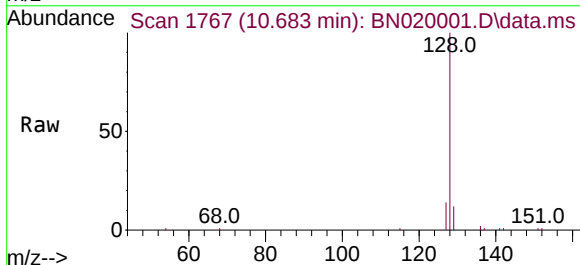
Instrument :
 BNA_N
 ClientSampleId :
 SST00.4246

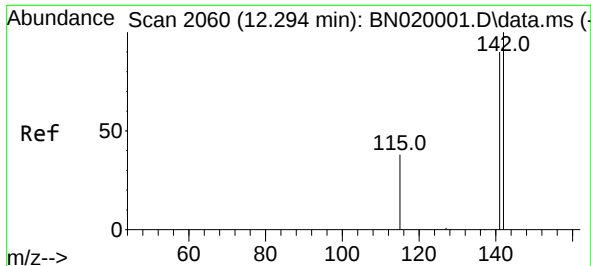
Tgt Ion: 88 Resp: 1843
 Ion Ratio Lower Upper
 88 100
 43 43.4 39.0 58.4
 58 64.7 39.8 59.8#



#5
 Naphthalene
 Concen: 0.363 ng/ul
 RT: 10.683 min Scan# 1767
 Delta R.T. 0.000 min
 Lab File: BN020001.D
 Acq: 31 May 2022 14:16

Tgt Ion: 128 Resp: 13578
 Ion Ratio Lower Upper
 128 100
 129 11.9 9.5 14.3
 127 13.5 11.0 16.4

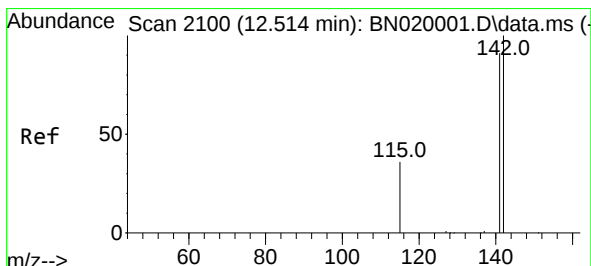
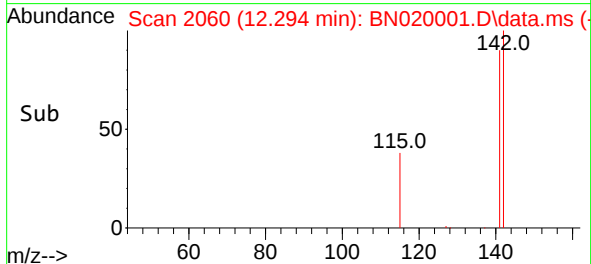
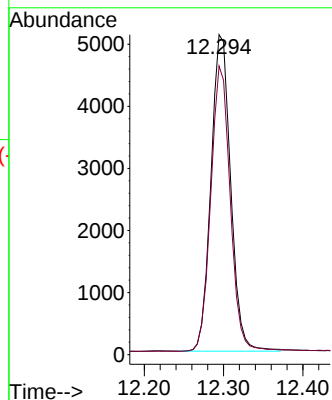
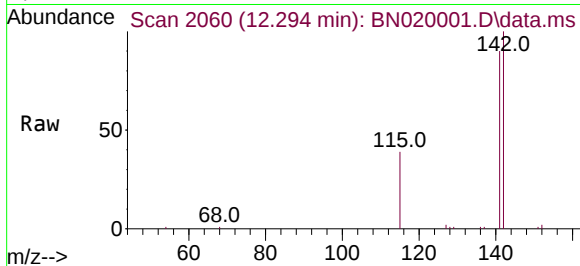




#7
2-Methylnaphthalene
Concen: 0.355 ng/ul
RT: 12.294 min Scan# 2060
Delta R.T. 0.000 min
Lab File: BN020001.D
Acq: 31 May 2022 14:16

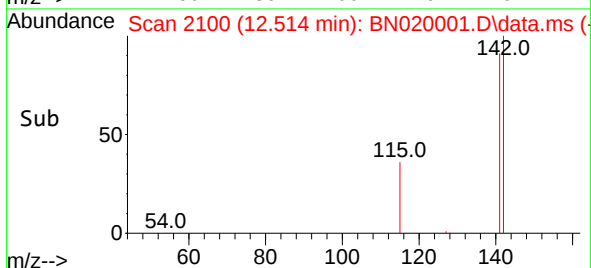
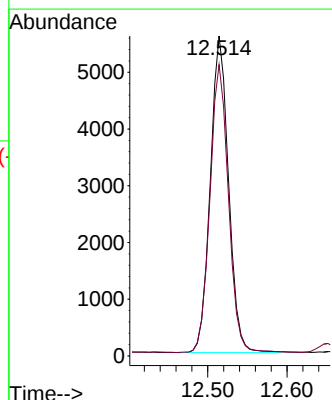
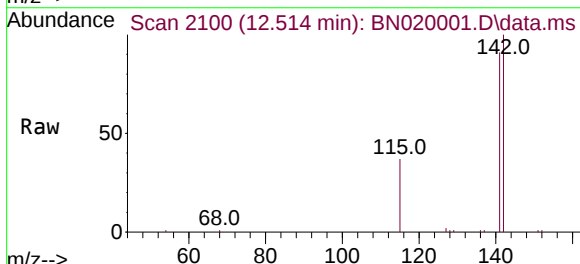
Instrument :
BNA_N
ClientSampleId :
SSTD0.4246

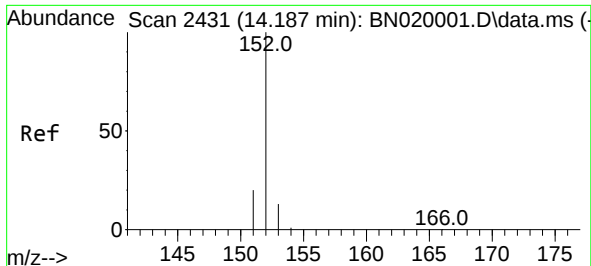
Tgt Ion:142 Resp: 8799
Ion Ratio Lower Upper
142 100
141 89.0 0.0 0.0#



#8
1-Methylnaphthalene
Concen: 0.387 ng/ul
RT: 12.514 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BN020001.D
Acq: 31 May 2022 14:16

Tgt Ion:142 Resp: 8934
Ion Ratio Lower Upper
142 100
141 92.0 0.0 0.0#

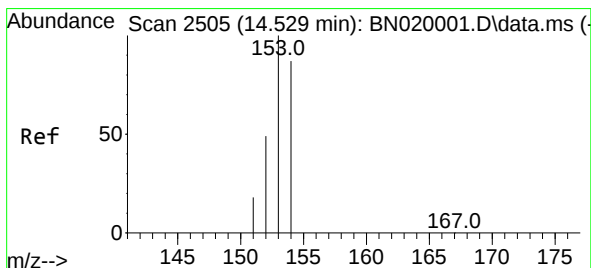
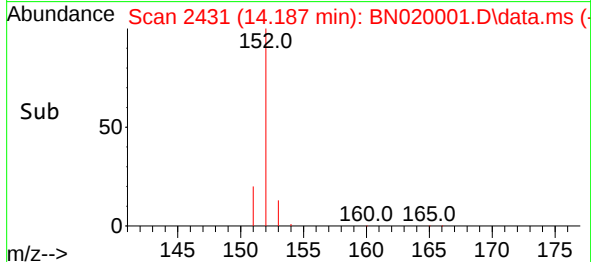
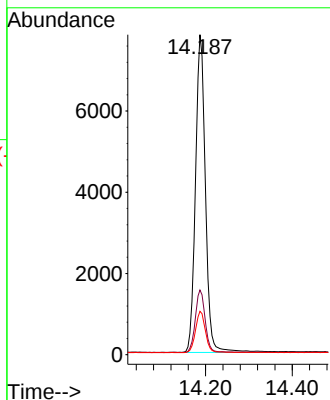
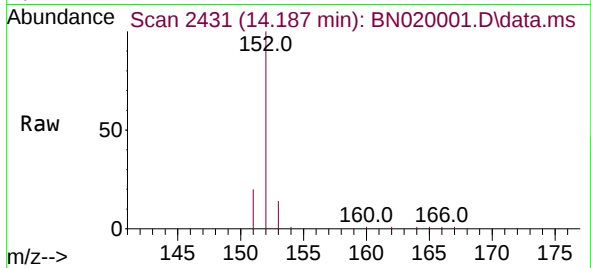




#10
Acenaphthylene
Concen: 0.312 ng/ul
RT: 14.187 min Scan# 2431
Delta R.T. 0.000 min
Lab File: BN020001.D
Acq: 31 May 2022 14:16

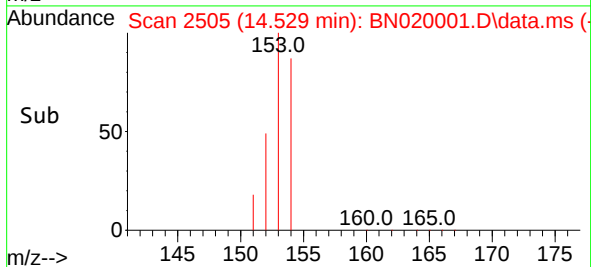
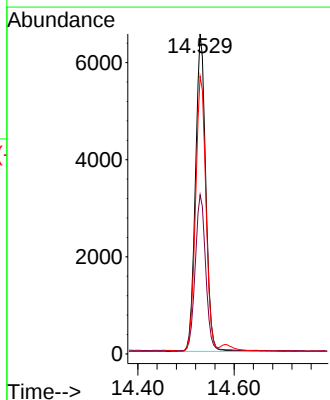
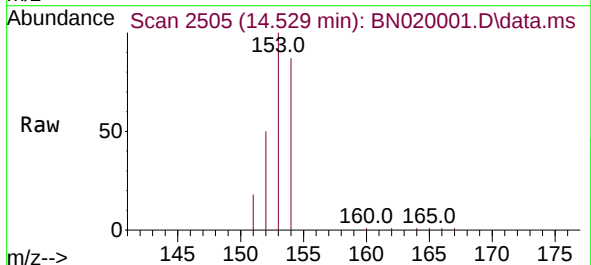
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BNA_N
ClientSampleId :
SSTD0.4246

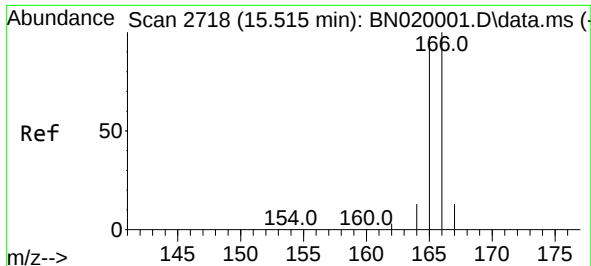
Tgt Ion:152 Resp: 12514
Ion Ratio Lower Upper
152 100
151 20.2 16.3 24.5
153 13.5 11.1 16.7



#11
Acenaphthene
Concen: 0.359 ng/ul
RT: 14.529 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BN020001.D
Acq: 31 May 2022 14:16

Tgt Ion:153 Resp: 9741
Ion Ratio Lower Upper
153 100
152 49.7 38.6 57.8
154 86.7 71.2 106.8

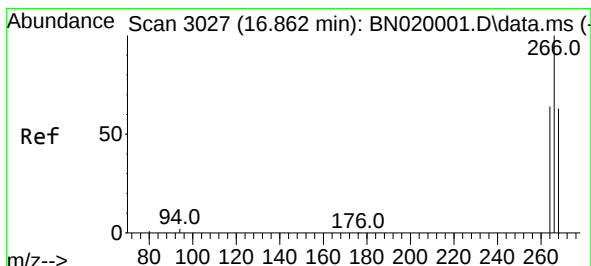
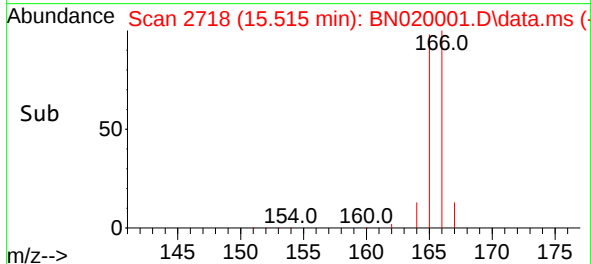
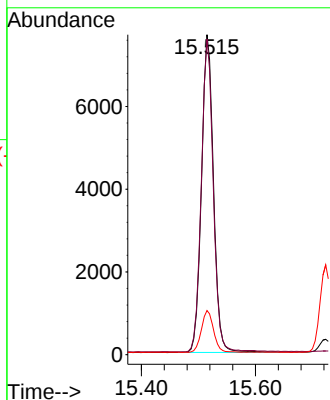
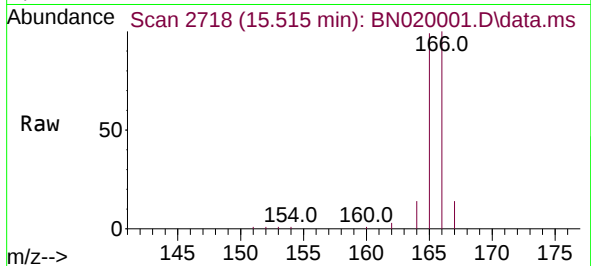




#12
Fluorene
Concen: 0.369 ng/ul
RT: 15.515 min Scan# 2718
Delta R.T. 0.000 min
Lab File: BN020001.D
Acq: 31 May 2022 14:16

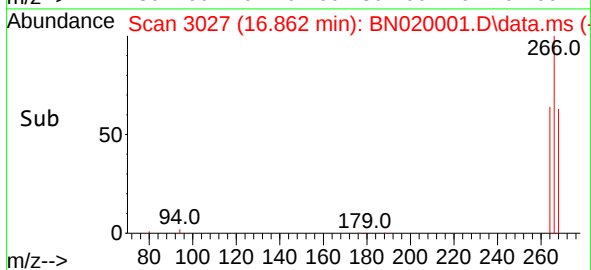
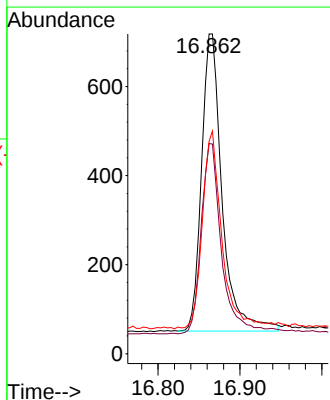
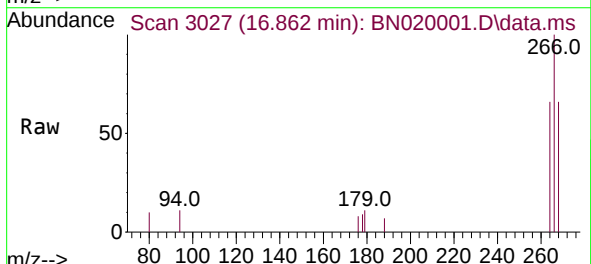
Instrument :
BNA_N
ClientSampleId :
SSTD0.4246

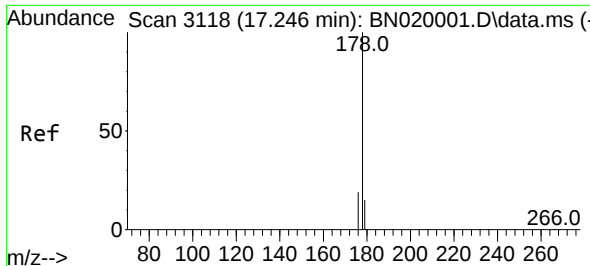
Tgt Ion:166 Resp: 11201
Ion Ratio Lower Upper
166 100
165 98.6 78.2 117.2
167 13.8 11.3 16.9



#14
Pentachlorophenol
Concen: 0.454 ng/ul
RT: 16.862 min Scan# 3027
Delta R.T. 0.000 min
Lab File: BN020001.D
Acq: 31 May 2022 14:16

Tgt Ion:266 Resp: 1162
Ion Ratio Lower Upper
266 100
264 63.7 44.9 67.3
268 64.0 44.6 67.0

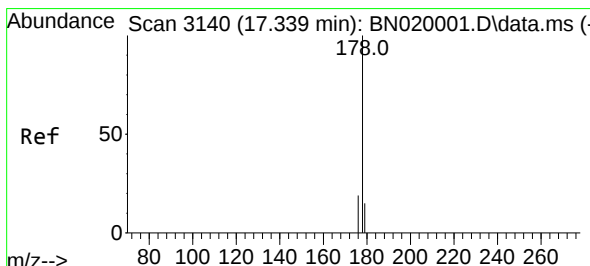
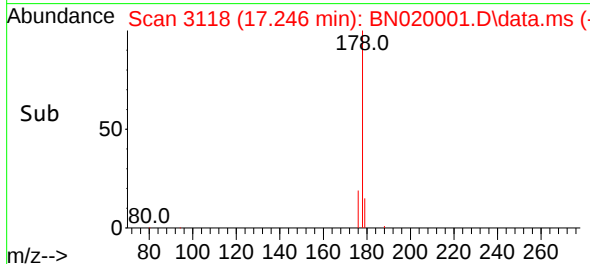
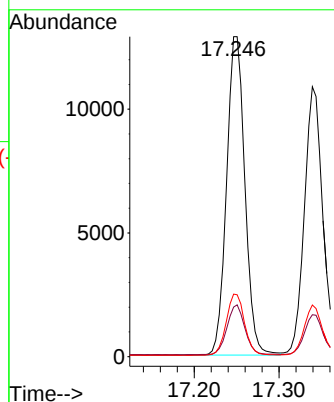
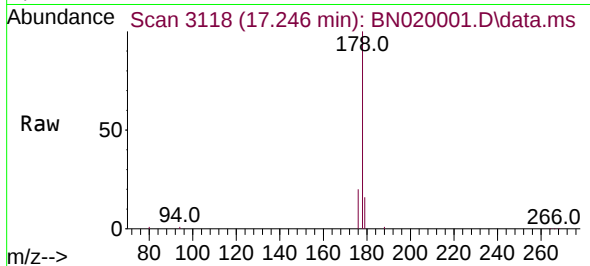




#15
Phenanthrene
Concen: 0.358 ng/ul
RT: 17.246 min Scan# 3118
Delta R.T. 0.000 min
Lab File: BN020001.D
Acq: 31 May 2022 14:16

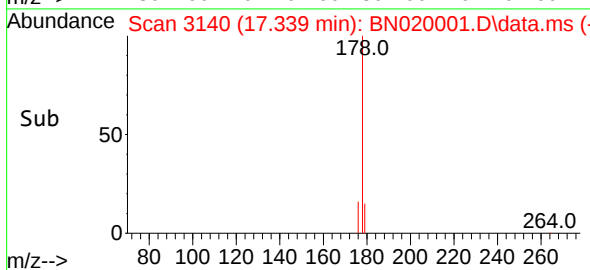
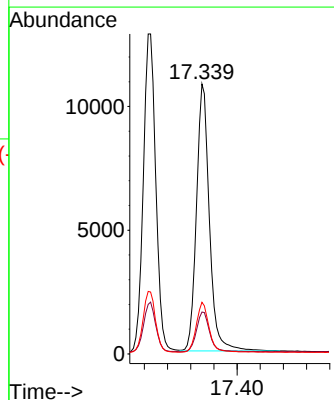
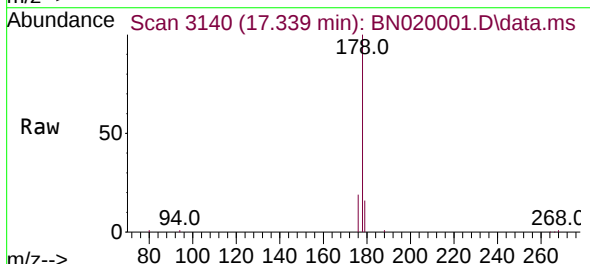
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ClientSampleId :
SSTD0.4246

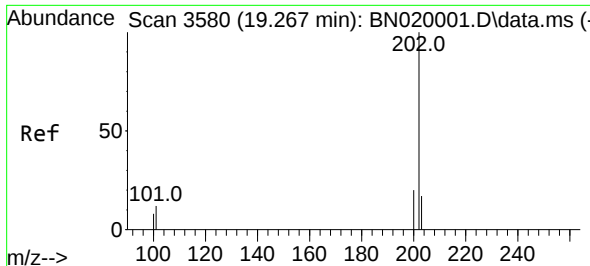
Tgt Ion:178 Resp: 19331
Ion Ratio Lower Upper
178 100
179 15.5 12.9 19.3
176 19.6 15.5 23.3



#16
Anthracene
Concen: 0.330 ng/ul
RT: 17.339 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BN020001.D
Acq: 31 May 2022 14:16

Tgt Ion:178 Resp: 16729
Ion Ratio Lower Upper
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179 15.5 13.1 19.7
176 19.2 15.3 22.9

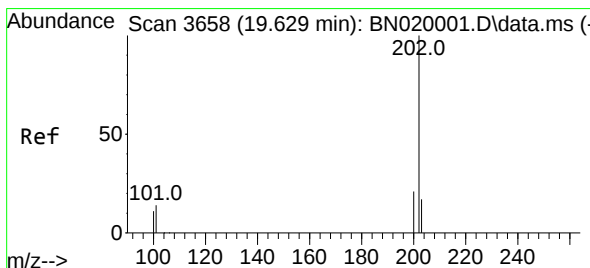
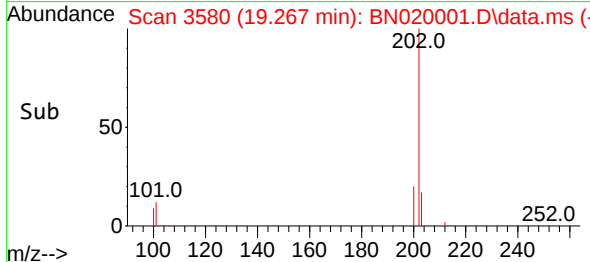
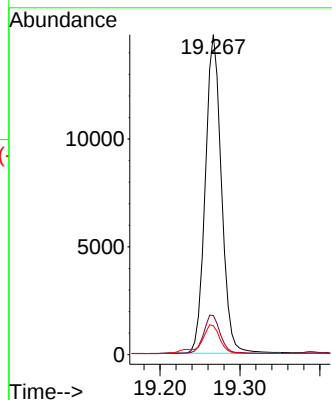
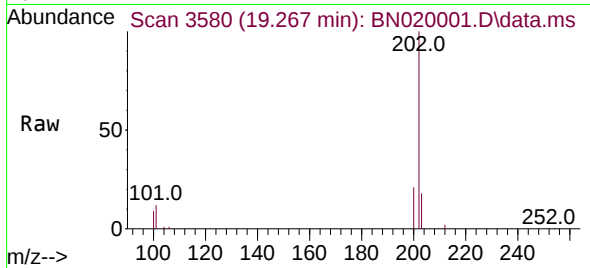




#19
Fluoranthene
Concen: 0.306 ng/u1
RT: 19.267 min Scan# 3580
Delta R.T. 0.000 min
Lab File: BN020001.D
Acq: 31 May 2022 14:16

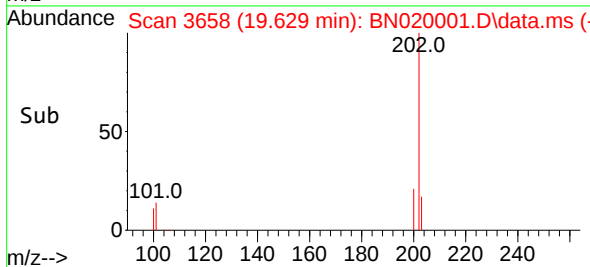
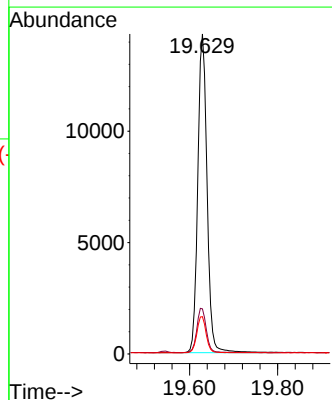
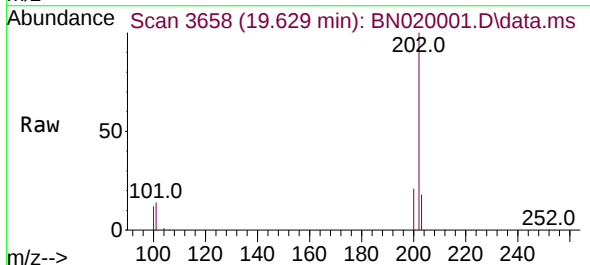
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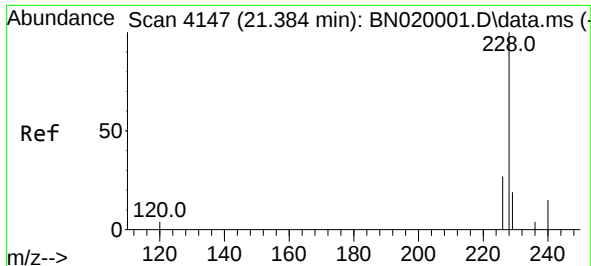
Tgt Ion:202 Resp: 20766
Ion Ratio Lower Upper
202 100
101 12.2 9.7 14.5
100 9.1 7.4 11.2



#20
Pyrene
Concen: 0.304 ng/u1
RT: 19.629 min Scan# 3658
Delta R.T. 0.000 min
Lab File: BN020001.D
Acq: 31 May 2022 14:16

Tgt Ion:202 Resp: 20955
Ion Ratio Lower Upper
202 100
101 14.1 11.4 17.0
100 11.7 9.0 13.4

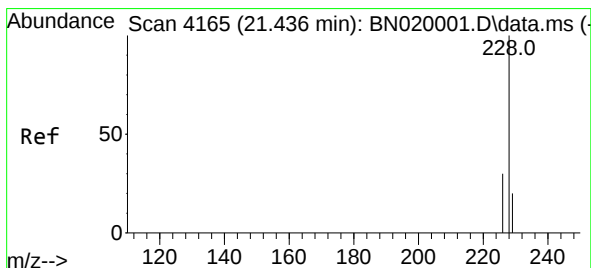
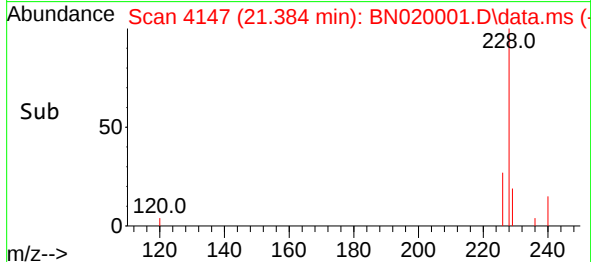
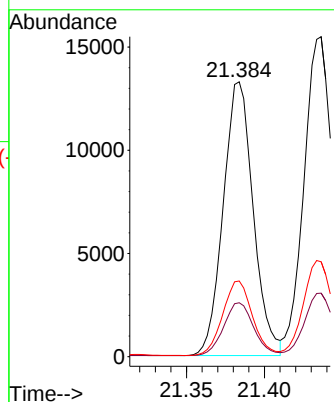
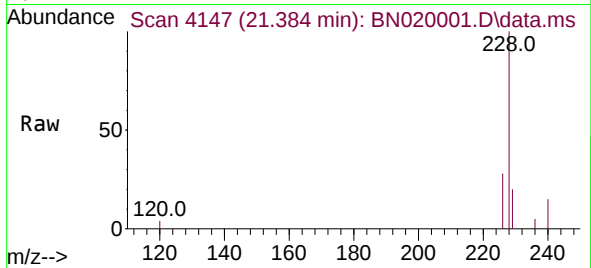




#21
Benzo(a)anthracene
Concen: 0.320 ng/ul
RT: 21.384 min Scan# 4147
Delta R.T. 0.000 min
Lab File: BN020001.D
Acq: 31 May 2022 14:16

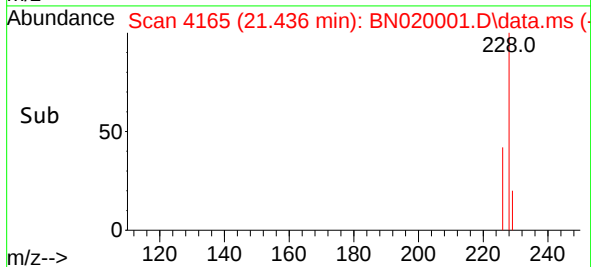
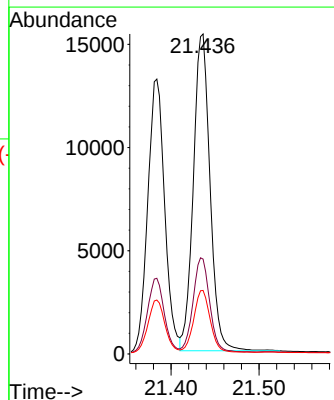
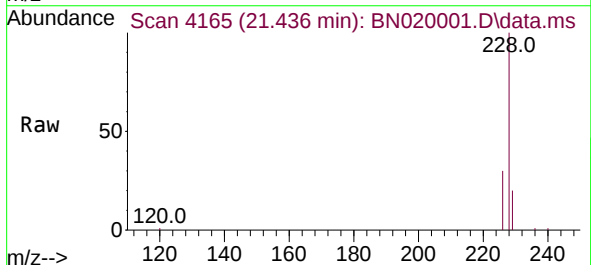
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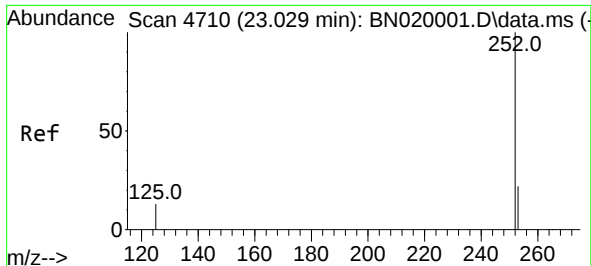
Tgt Ion:228 Resp: 17801
Ion Ratio Lower Upper
228 100
229 19.6 16.1 24.1
226 27.5 22.1 33.1



#22
Chrysene
Concen: 0.360 ng/ul
RT: 21.436 min Scan# 4165
Delta R.T. 0.000 min
Lab File: BN020001.D
Acq: 31 May 2022 14:16

Tgt Ion:228 Resp: 20234
Ion Ratio Lower Upper
228 100
226 29.7 24.2 36.2
229 19.9 16.0 24.0

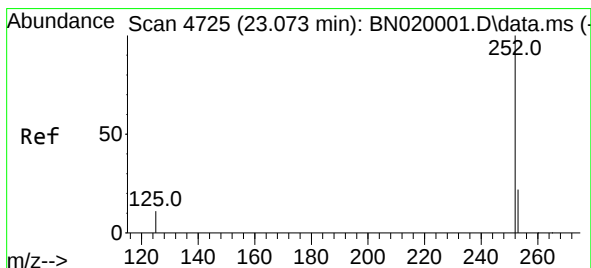
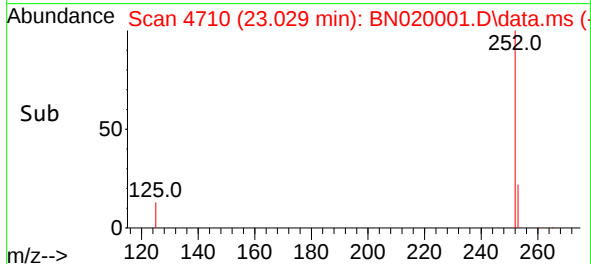
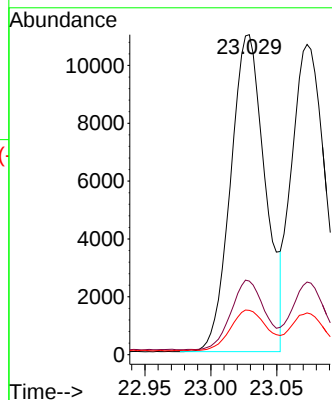
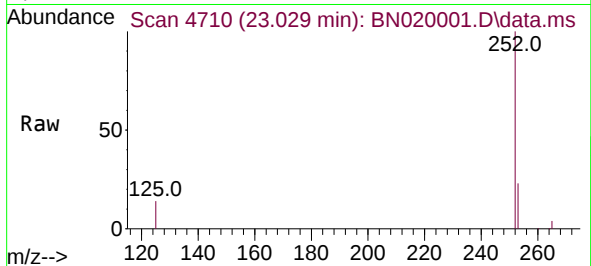




#24
Benzo(b)fluoranthene
Concen: 0.375 ng/ul
RT: 23.029 min Scan# 4710
Delta R.T. 0.000 min
Lab File: BN020001.D
Acq: 31 May 2022 14:16

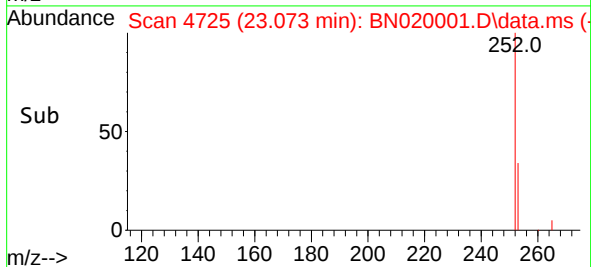
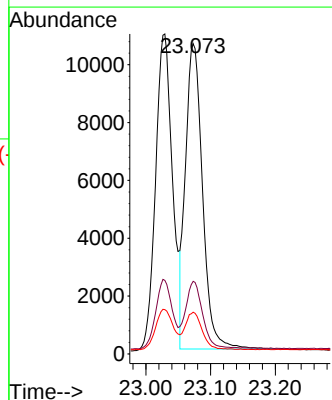
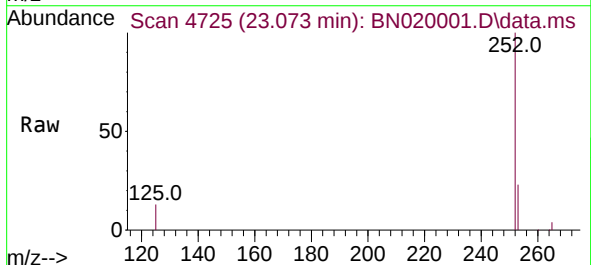
Instrument :
BNA_N
ClientSampleId :
SSTD0.4246

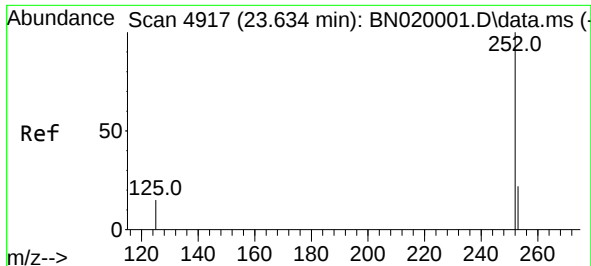
Tgt Ion:252 Resp: 19983
Ion Ratio Lower Upper
252 100
253 23.0 0.0 52.0
125 13.8 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 0.374 ng/ul
RT: 23.073 min Scan# 4725
Delta R.T. 0.000 min
Lab File: BN020001.D
Acq: 31 May 2022 14:16

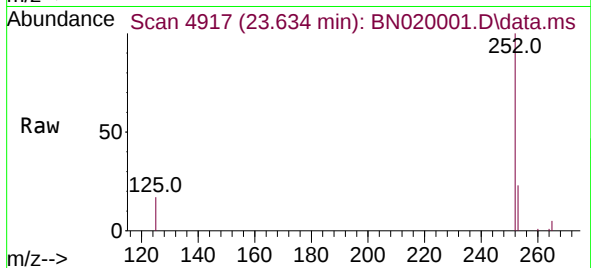
Tgt Ion:252 Resp: 19392
Ion Ratio Lower Upper
252 100
253 23.4 20.2 30.2
125 13.5 11.0 16.6



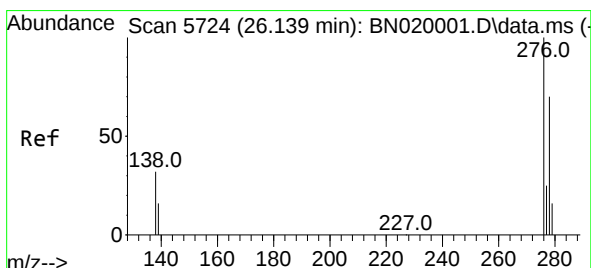
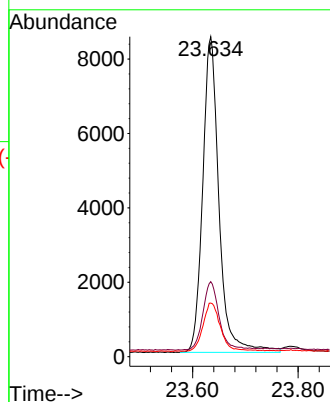
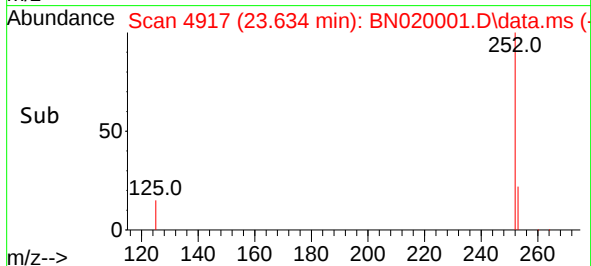


#26
Benzo(a)pyrene
Concen: 0.362 ng/ul
RT: 23.634 min Scan# 4917
Delta R.T. 0.000 min
Lab File: BN020001.D
Acq: 31 May 2022 14:16

Instrument :
BNA_N
ClientSampleId :
SSTD0.4246

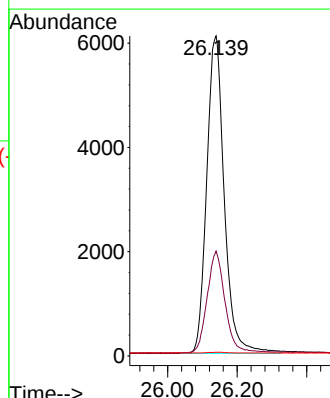
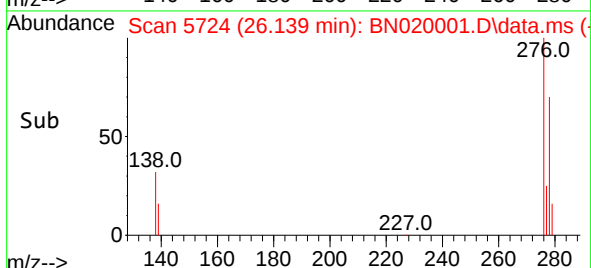
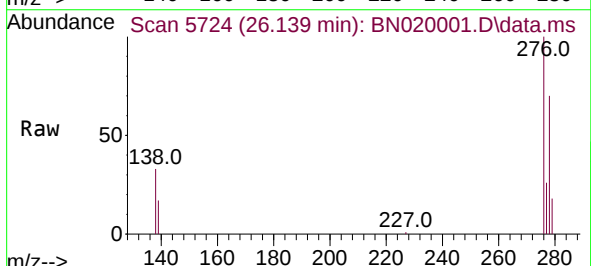


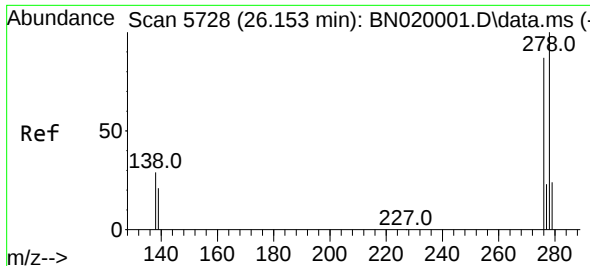
Tgt Ion:252 Resp: 18199
Ion Ratio Lower Upper
252 100
253 23.4 23.4 35.0
125 16.8 28.3 42.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.405 ng/ul
RT: 26.139 min Scan# 5724
Delta R.T. 0.000 min
Lab File: BN020001.D
Acq: 31 May 2022 14:16

Tgt Ion:276 Resp: 21399
Ion Ratio Lower Upper
276 100
138 32.7 23.6 35.4
227 0.2 0.0 0.0#

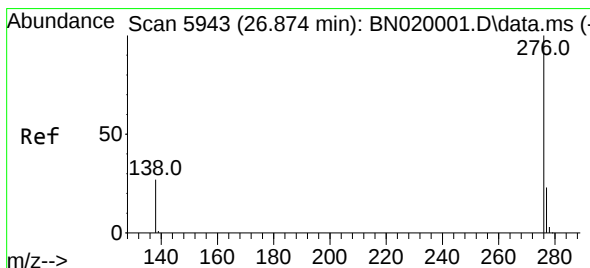
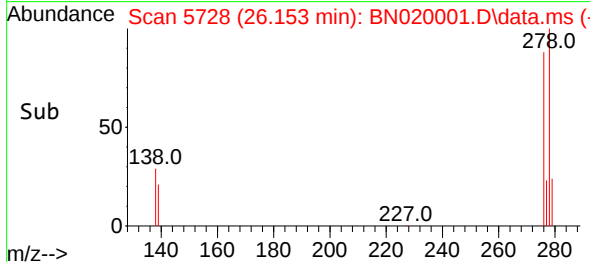
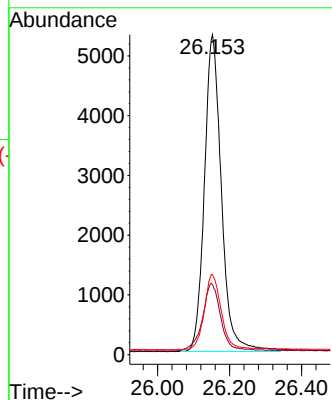
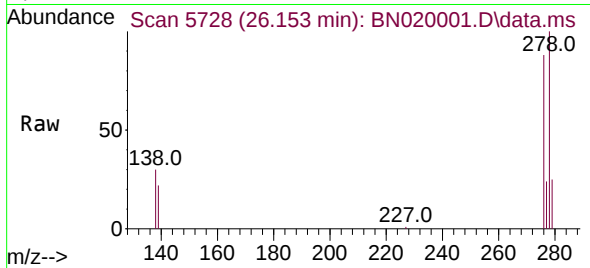




#28
Dibenzo(a,h)anthracene
Concen: 0.402 ng/ul
RT: 26.153 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN020001.D
Acq: 31 May 2022 14:16

Instrument :
BNA_N
ClientSampleId :
SSTD0.4246

Tgt Ion:278 Resp: 17392
Ion Ratio Lower Upper
278 100
139 21.9 18.6 28.0
279 25.0 35.1 52.7#



#29
Benzo(g,h,i)perylene
Concen: 0.395 ng/ul
RT: 26.874 min Scan# 5943
Delta R.T. 0.000 min
Lab File: BN020001.D
Acq: 31 May 2022 14:16

Tgt Ion:276 Resp: 17863
Ion Ratio Lower Upper
276 100
138 28.2 20.9 31.3
277 24.2 20.4 30.6

