

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091922\
 Data File : BN021815.D
 Acq On : 19 Sep 2022 22:35
 Operator : CG/JU
 Sample : PB147718BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS718

Quant Time: Sep 20 00:27:31 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 20 00:20:21 2022
 Response via : Initial Calibration

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

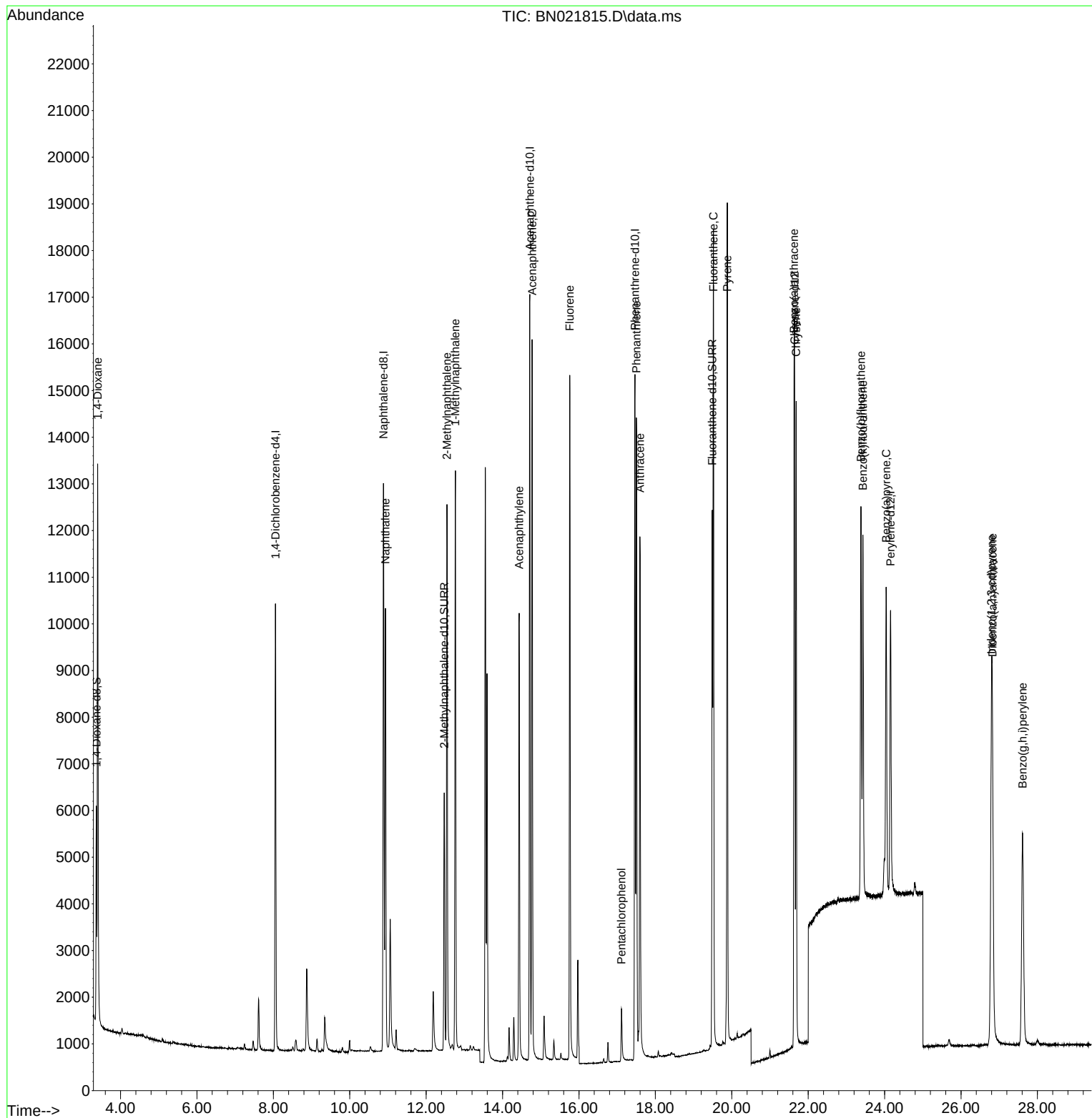
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	5088	0.400	ng/ul	0.00
4) Naphthalene-d8	10.883	136	17091	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.712	164	9512	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.464	188	17619	0.400	ng/ul	0.00
17) Chrysene-d12	21.647	240	10705	0.400	ng/ul	# 0.00
23) Perylene-d12	24.155	264	9157	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.368	96	3120	0.498	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.473	152	7623	0.282	ng/ul	0.00
18) Fluoranthene-d10	19.487	212	12648	0.318	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.401	88	8544	1.331	ng/ul#	88
5) Naphthalene	10.933	128	13398	0.278	ng/ul	99
7) 2-Methylnaphthalene	12.544	142	8715	0.278	ng/ul	98
8) 1-Methylnaphthalene	12.764	142	9018	0.281	ng/ul	100
10) Acenaphthylene	14.435	152	12096	0.303	ng/ul	99
11) Acenaphthene	14.772	153	9251	0.273	ng/ul	100
12) Fluorene	15.758	166	10316	0.272	ng/ul	100
14) Pentachlorophenol	17.114	266	981	0.287	ng/ul	98
15) Phenanthrene	17.502	178	15634	0.281	ng/ul	99
16) Anthracene	17.595	178	13645	0.296	ng/ul	100
19) Fluoranthene	19.520	202	15641	0.313	ng/ul	98
20) Pyrene	19.882	202	15628	0.317	ng/ul	97
21) Benzo(a)anthracene	21.630	228	11969	0.334	ng/ul	99
22) Chrysene	21.685	228	12348	0.316	ng/ul	100
24) Benzo(b)fluoranthene	23.381	252	11738	0.264	ng/ul	88
25) Benzo(k)fluoranthene	23.430	252	11145	0.259	ng/ul#	89
26) Benzo(a)pyrene	24.038	252	11030	0.328	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.794	276	12439	0.329	ng/ul#	42
28) Dibenzo(a,h)anthracene	26.821	278	10175	0.317	ng/ul#	95
29) Benzo(g,h,i)perylene	27.609	276	10906	0.313	ng/ul	95

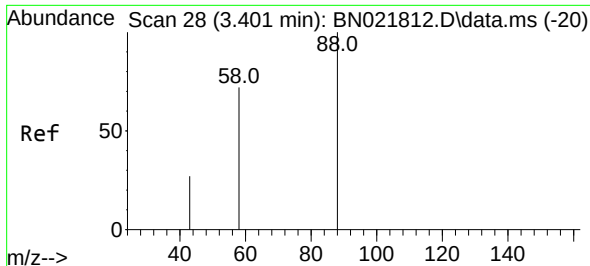
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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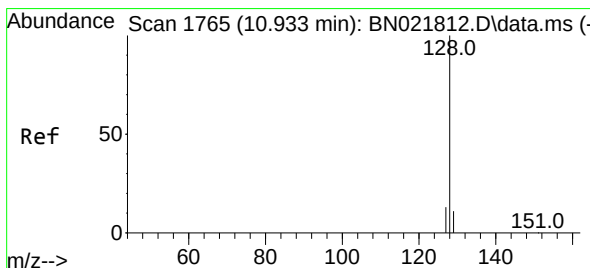
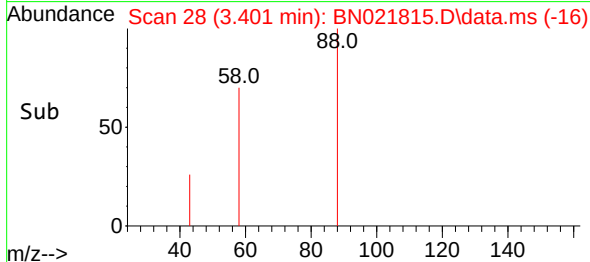
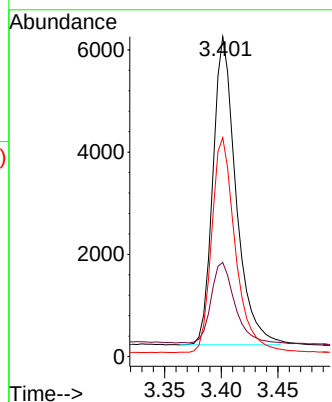
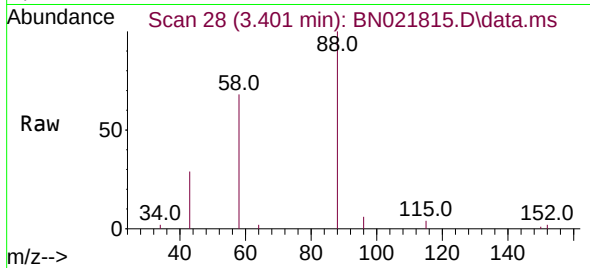




#2
 1,4-Dioxane
 Concen: 1.331 ng/ul
 RT: 3.401 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: BN021815.D
 Acq: 19 Sep 2022 22:35

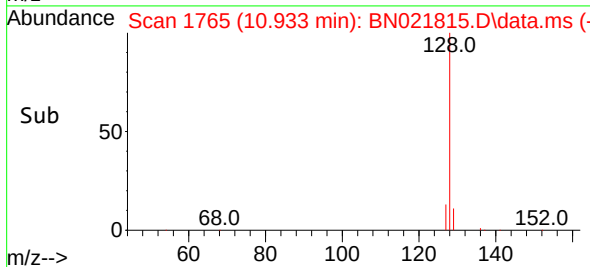
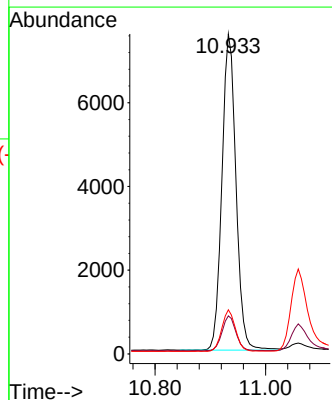
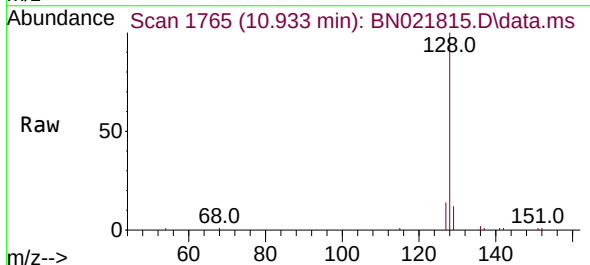
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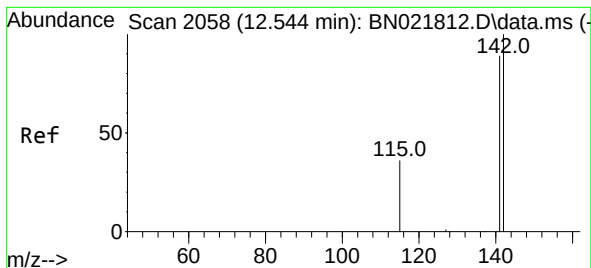
Tgt Ion: 88 Resp: 8544
 Ion Ratio Lower Upper
 88 100
 43 29.4 31.4 47.0#
 58 68.4 49.0 73.6



#5
 Naphthalene
 Concen: 0.278 ng/ul
 RT: 10.933 min Scan# 1765
 Delta R.T. 0.000 min
 Lab File: BN021815.D
 Acq: 19 Sep 2022 22:35

Tgt Ion:128 Resp: 13398
 Ion Ratio Lower Upper
 128 100
 129 11.9 9.8 14.6
 127 13.8 11.6 17.4

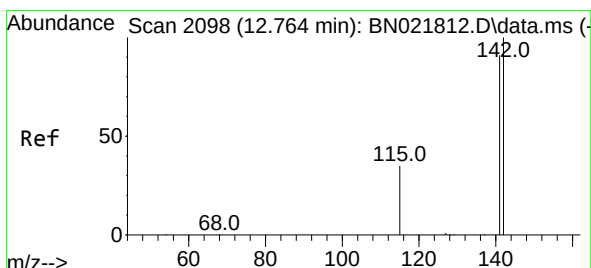
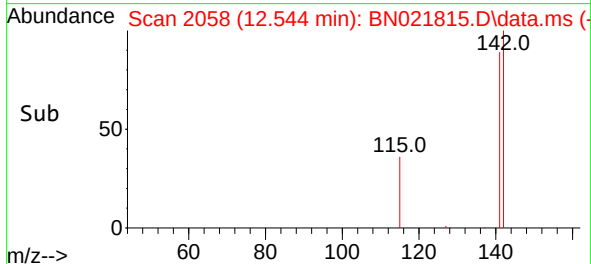
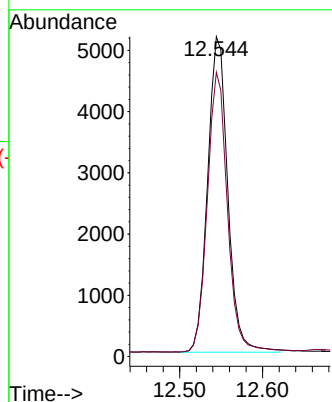
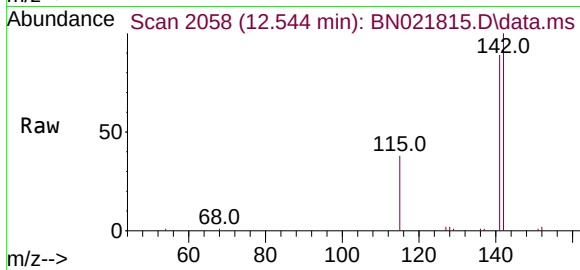




#7
2-Methylnaphthalene
Concen: 0.278 ng/ul
RT: 12.544 min Scan# 2058
Delta R.T. 0.000 min
Lab File: BN021815.D
Acq: 19 Sep 2022 22:35

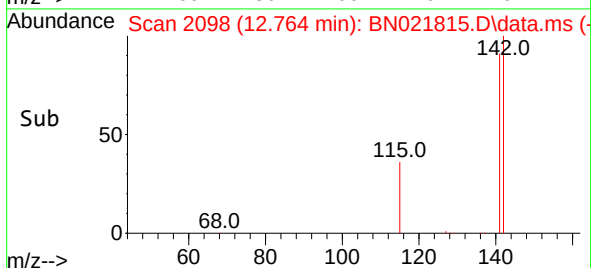
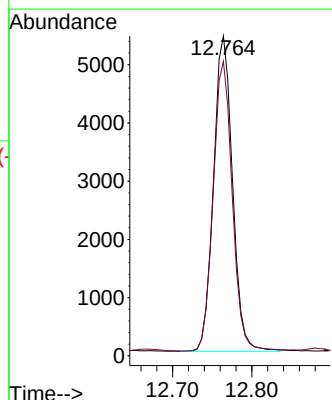
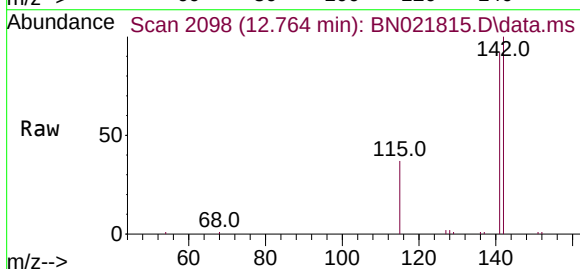
Instrument :
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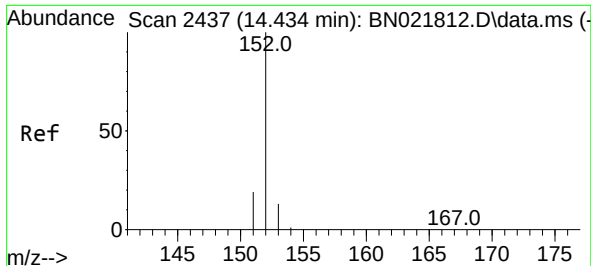
Tgt Ion:142 Resp: 8715
Ion Ratio Lower Upper
142 100
141 88.4 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.281 ng/ul
RT: 12.764 min Scan# 2098
Delta R.T. 0.005 min
Lab File: BN021815.D
Acq: 19 Sep 2022 22:35

Tgt Ion:142 Resp: 9018
Ion Ratio Lower Upper
142 100
141 92.1 73.9 110.9

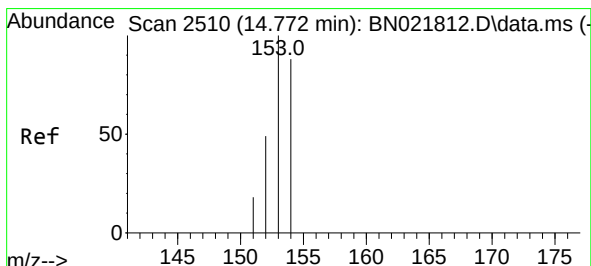
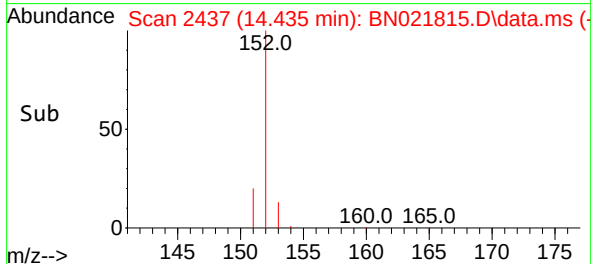
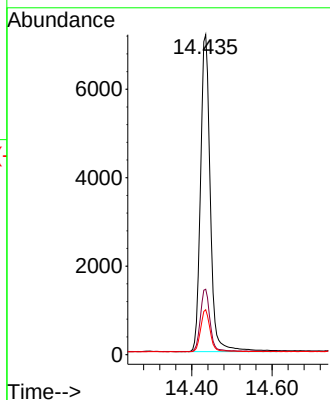
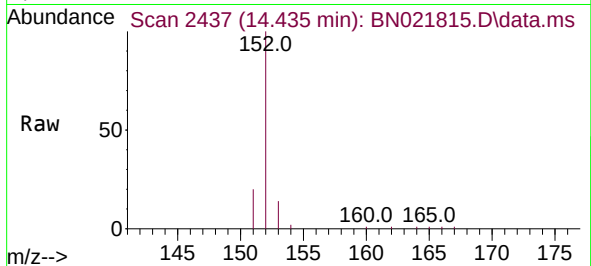




#10
Acenaphthylene
Concen: 0.303 ng/ul
RT: 14.435 min Scan# 2437
Delta R.T. 0.005 min
Lab File: BN021815.D
Acq: 19 Sep 2022 22:35

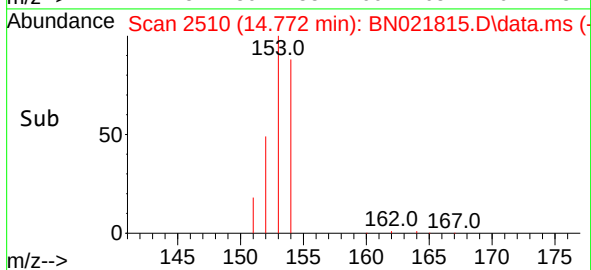
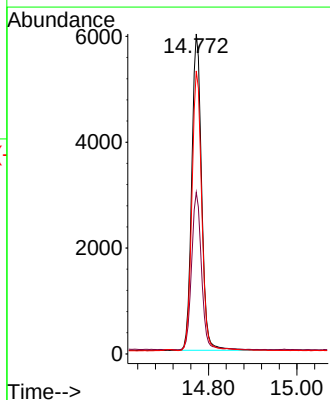
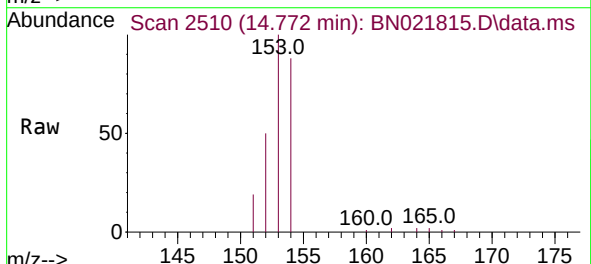
Instrument :
BNA_N
ClientSampleId :
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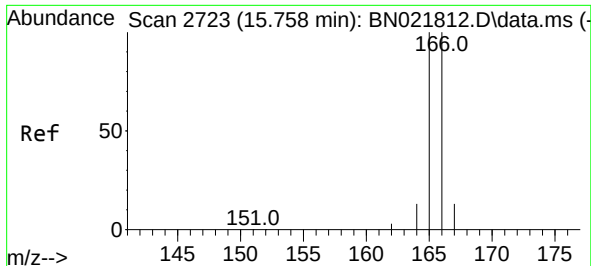
Tgt Ion:152 Resp: 12096
Ion Ratio Lower Upper
152 100
151 20.4 16.9 25.3
153 14.0 11.2 16.8



#11
Acenaphthene
Concen: 0.273 ng/ul
RT: 14.772 min Scan# 2510
Delta R.T. 0.000 min
Lab File: BN021815.D
Acq: 19 Sep 2022 22:35

Tgt Ion:153 Resp: 9251
Ion Ratio Lower Upper
153 100
152 50.5 40.2 60.4
154 88.4 70.7 106.1

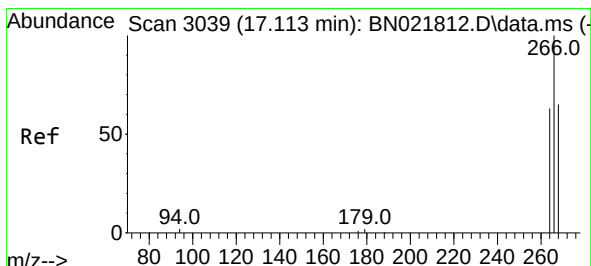
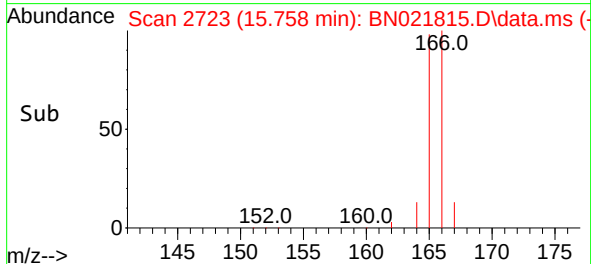
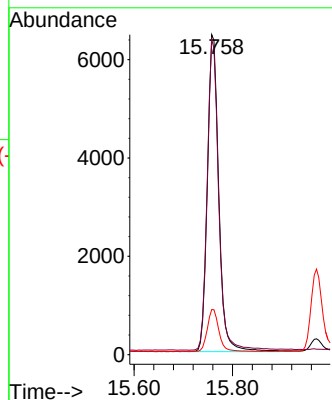
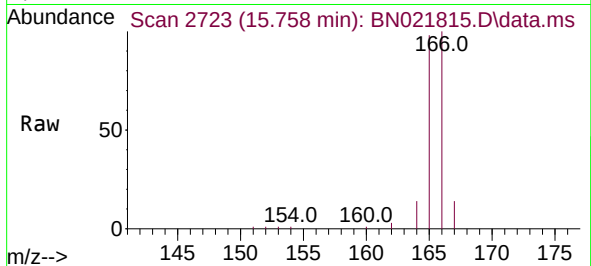




#12
Fluorene
Concen: 0.272 ng/ul
RT: 15.758 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN021815.D
Acq: 19 Sep 2022 22:35

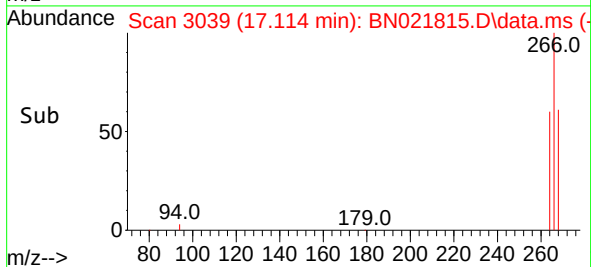
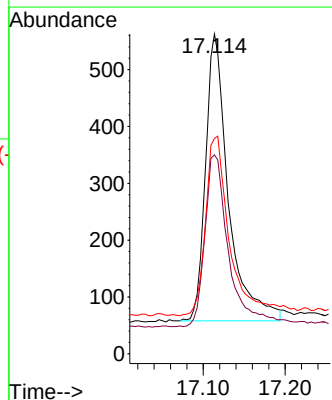
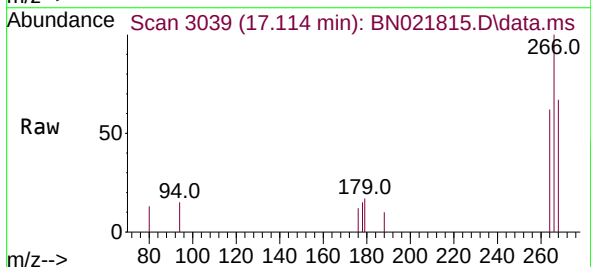
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ClientSampleId :
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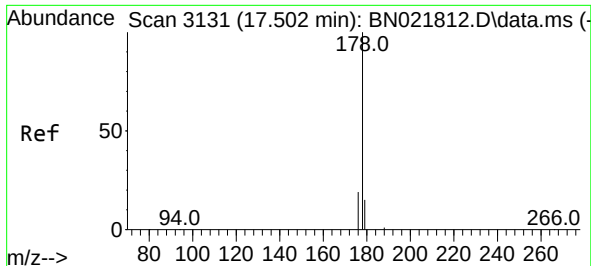
Tgt Ion:166 Resp: 10316
Ion Ratio Lower Upper
166 100
165 98.4 78.6 117.8
167 14.1 11.8 17.6



#14
Pentachlorophenol
Concen: 0.287 ng/ul
RT: 17.114 min Scan# 3039
Delta R.T. 0.004 min
Lab File: BN021815.D
Acq: 19 Sep 2022 22:35

Tgt Ion:266 Resp: 981
Ion Ratio Lower Upper
266 100
264 62.5 49.8 74.8
268 65.9 50.6 75.8

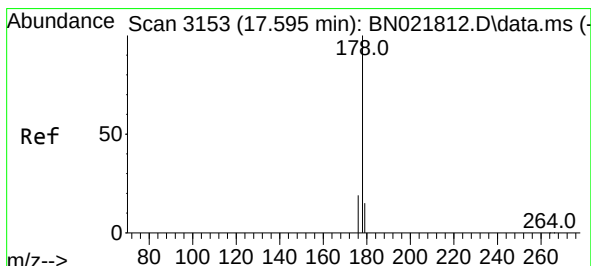
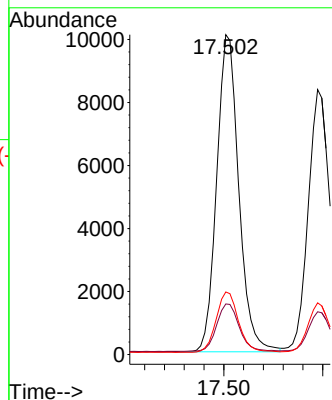
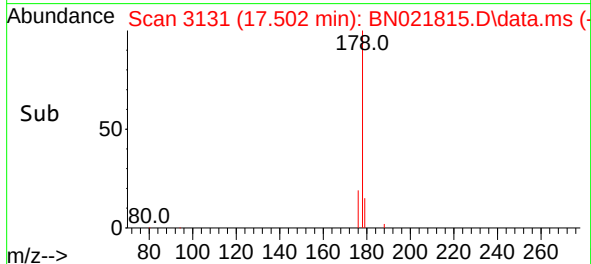
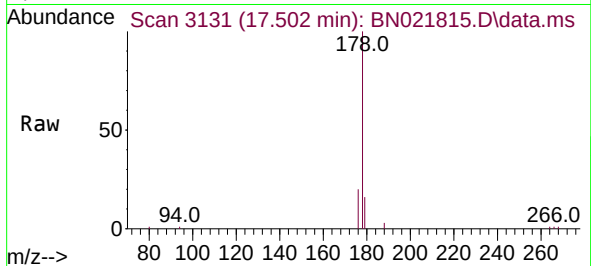




#15
Phenanthrene
Concen: 0.281 ng/ul
RT: 17.502 min Scan# 3131
Delta R.T. 0.000 min
Lab File: BN021815.D
Acq: 19 Sep 2022 22:35

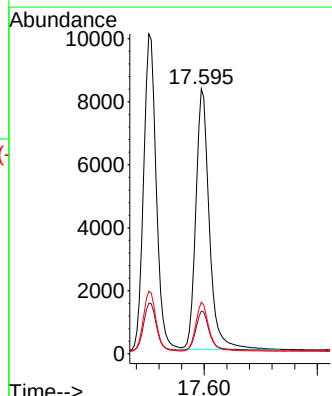
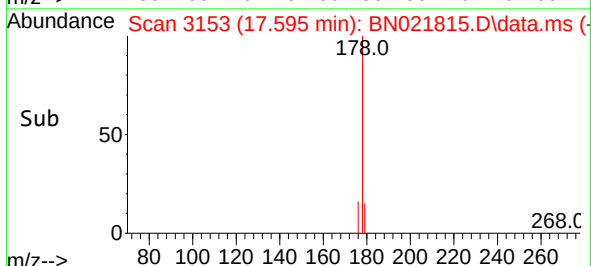
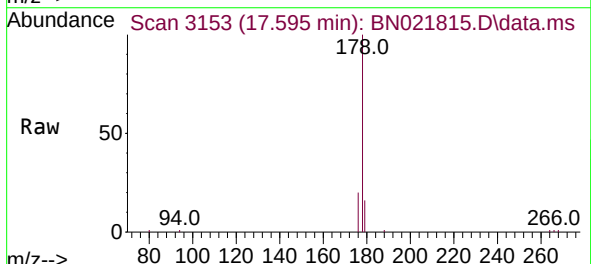
Instrument :
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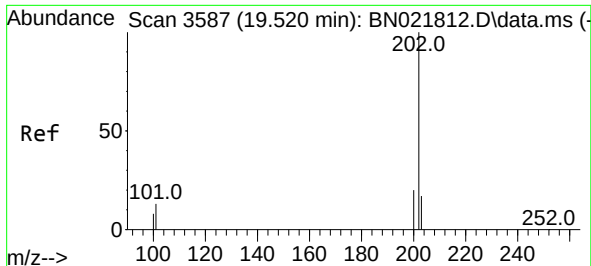
Tgt Ion:	178	Resp:	15634
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.8	19.2
176	19.6	15.9	23.9



#16
Anthracene
Concen: 0.296 ng/ul
RT: 17.595 min Scan# 3153
Delta R.T. 0.000 min
Lab File: BN021815.D
Acq: 19 Sep 2022 22:35

Tgt Ion:	178	Resp:	13645
Ion Ratio	Lower	Upper	
178	100		
179	16.2	12.9	19.3
176	19.5	15.9	23.9





#19

Fluoranthene

Concen: 0.313 ng/ul

RT: 19.520 min Scan# 3587

Delta R.T. 0.005 min

Lab File: BN021815.D

Acq: 19 Sep 2022 22:35

Instrument :

BNA_N

ClientSampleId :

SLCS718

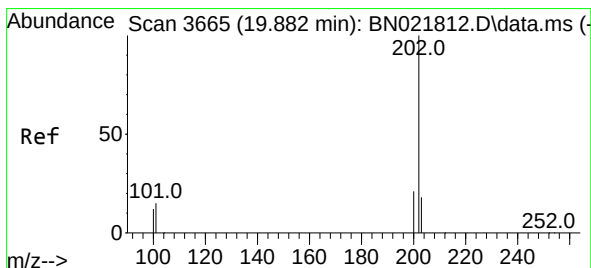
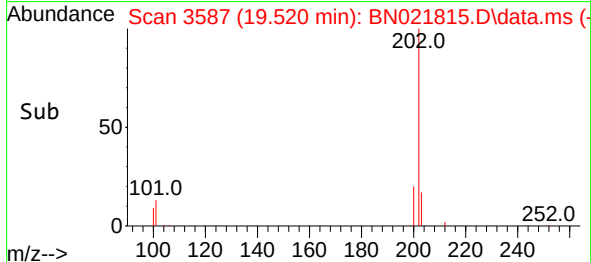
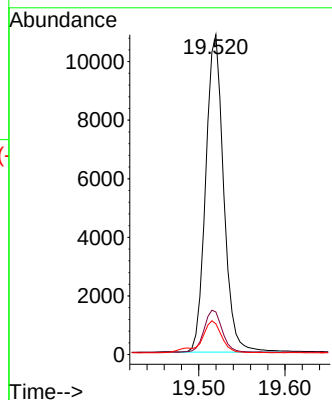
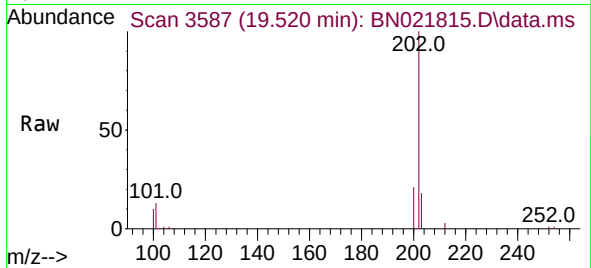
Tgt Ion:202 Resp: 15641

Ion Ratio Lower Upper

202 100

101 13.3 10.0 15.0

100 9.6 8.0 12.0



#20

Pyrene

Concen: 0.317 ng/ul

RT: 19.882 min Scan# 3665

Delta R.T. 0.005 min

Lab File: BN021815.D

Acq: 19 Sep 2022 22:35

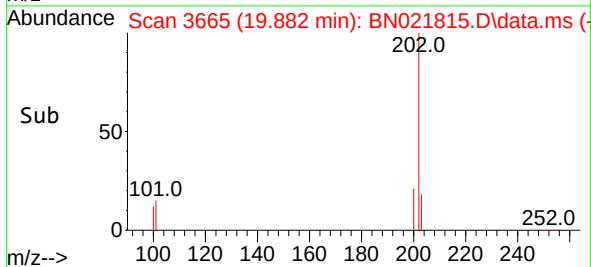
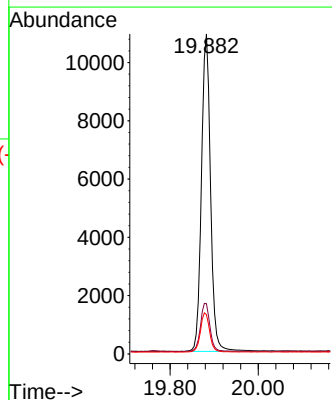
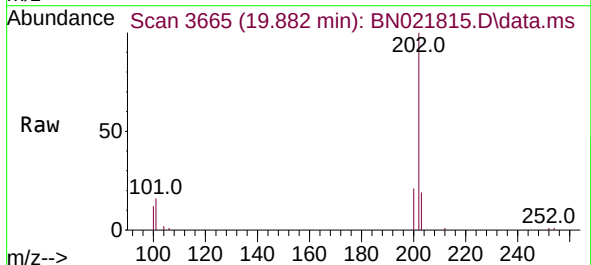
Tgt Ion:202 Resp: 15628

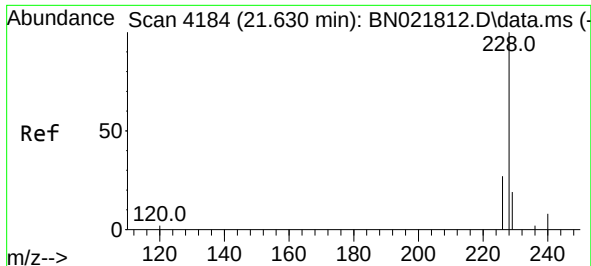
Ion Ratio Lower Upper

202 100

101 15.7 11.3 16.9

100 12.3 9.0 13.4

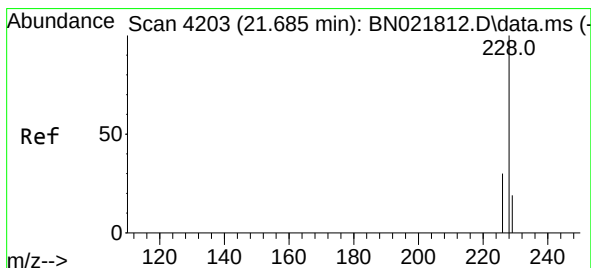
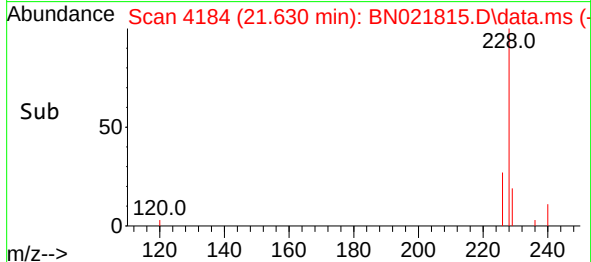
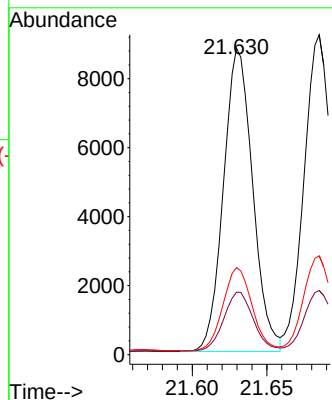
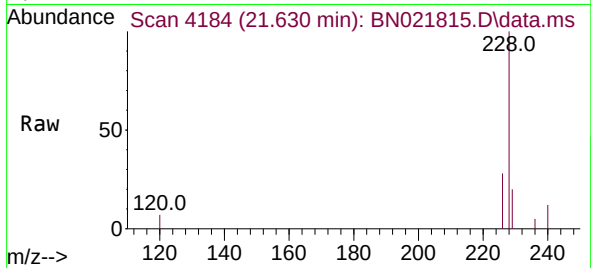




#21
Benzo(a)anthracene
Concen: 0.334 ng/ul
RT: 21.630 min Scan# 4184
Delta R.T. 0.000 min
Lab File: BN021815.D
Acq: 19 Sep 2022 22:35

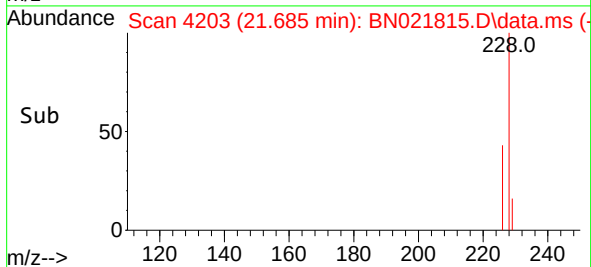
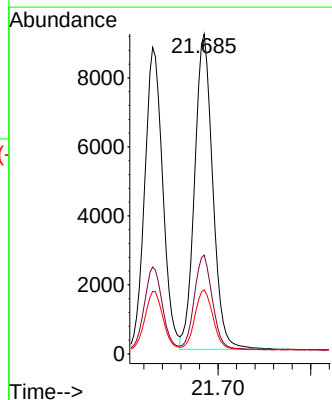
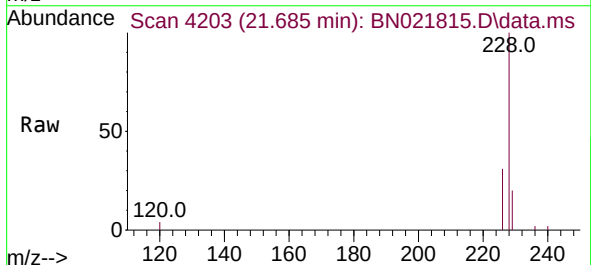
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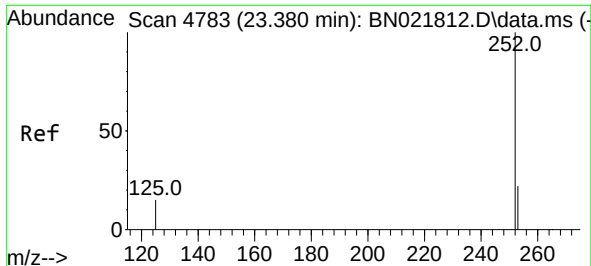
Tgt Ion:228 Resp: 11969
Ion Ratio Lower Upper
228 100
229 20.4 16.0 24.0
226 28.4 21.9 32.9



#22
Chrysene
Concen: 0.316 ng/ul
RT: 21.685 min Scan# 4203
Delta R.T. 0.000 min
Lab File: BN021815.D
Acq: 19 Sep 2022 22:35

Tgt Ion:228 Resp: 12348
Ion Ratio Lower Upper
228 100
226 30.9 24.6 37.0
229 20.0 15.8 23.8

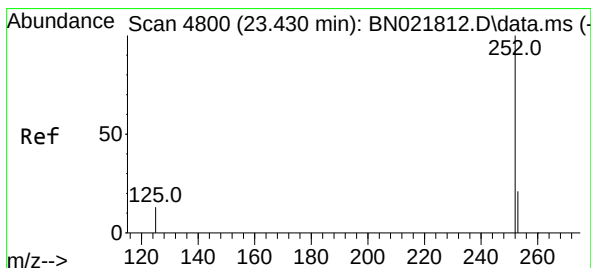
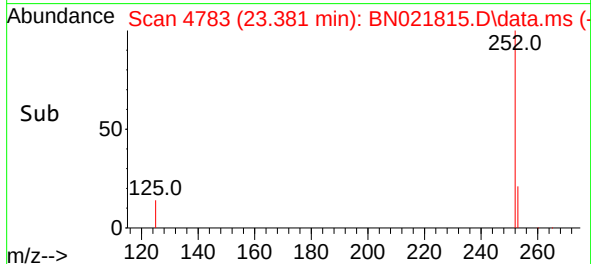
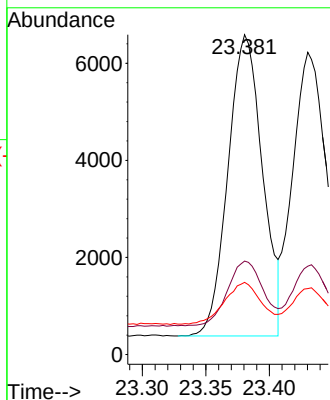
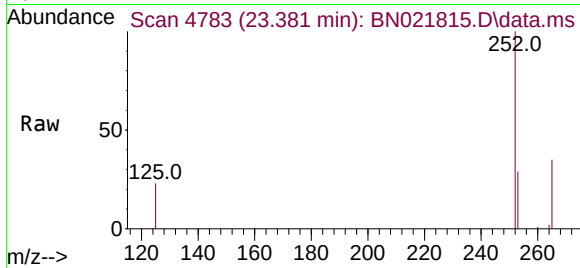




#24
Benzo(b)fluoranthene
Concen: 0.264 ng/ul
RT: 23.381 min Scan# 4783
Delta R.T. 0.000 min
Lab File: BN021815.D
Acq: 19 Sep 2022 22:35

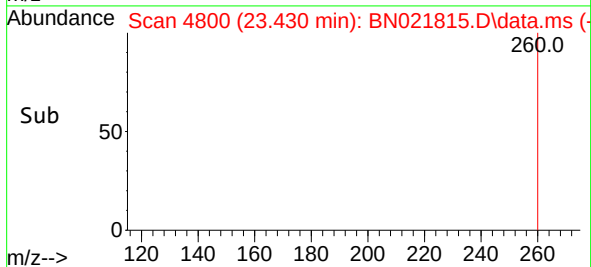
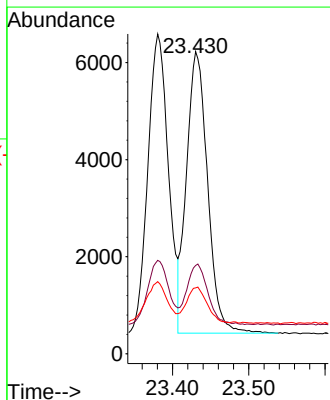
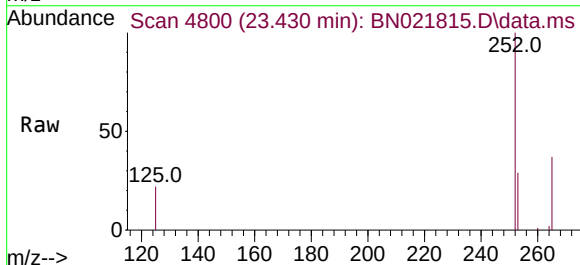
Instrument :
BNA_N
ClientSampleId :
SLCS718

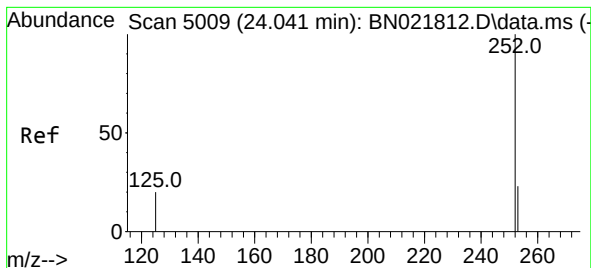
Tgt Ion:252 Resp: 11738
Ion Ratio Lower Upper
252 100
253 29.2 0.0 50.8
125 22.5 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.259 ng/ul
RT: 23.430 min Scan# 4800
Delta R.T. 0.000 min
Lab File: BN021815.D
Acq: 19 Sep 2022 22:35

Tgt Ion:252 Resp: 11145
Ion Ratio Lower Upper
252 100
253 29.2 20.6 31.0
125 21.8 11.8 17.6#





#26

Benzo(a)pyrene

Concen: 0.328 ng/ul

RT: 24.038 min Scan# 5009

Delta R.T. -0.003 min

Lab File: BN021815.D

Acq: 19 Sep 2022 22:35

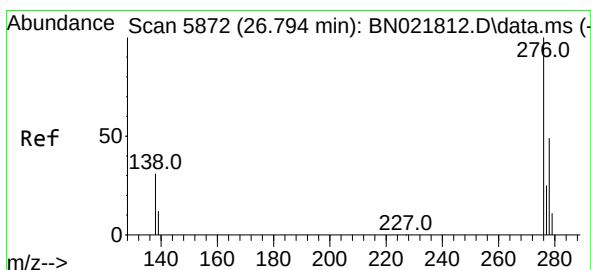
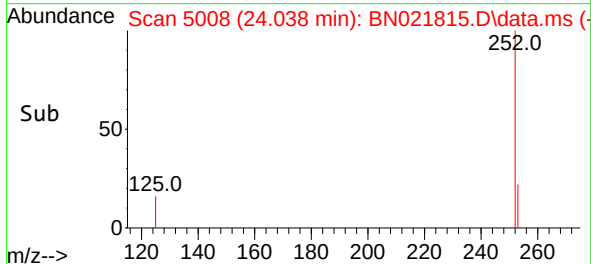
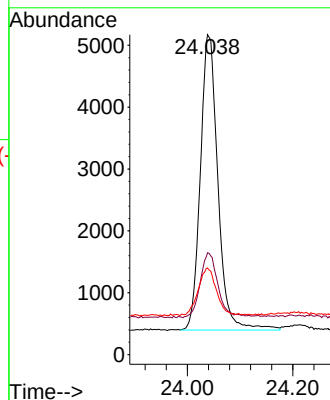
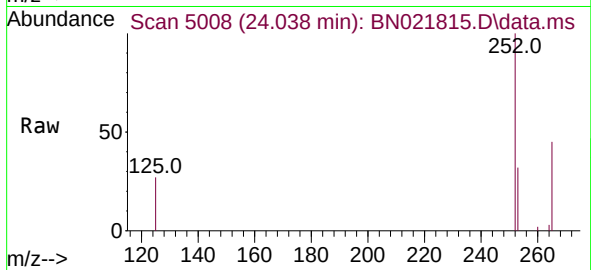
Instrument :

BNA_N

ClientSampleId :

SLCS718

Tgt Ion:252	Resp:	11030
Ion Ratio	Lower	Upper
252	100	
253	31.8	22.1 33.1
125	27.1	14.7 22.1#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.329 ng/ul

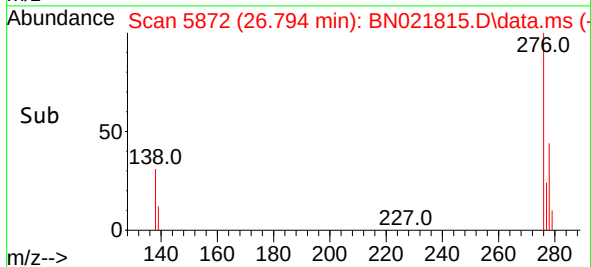
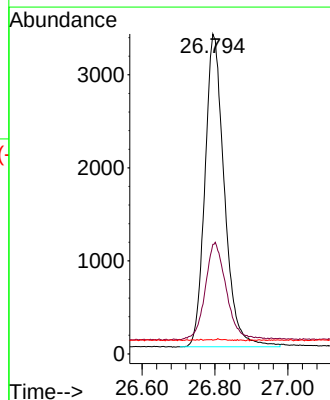
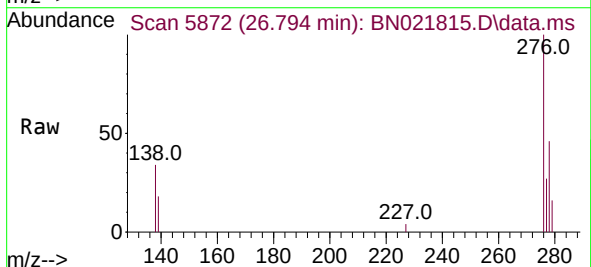
RT: 26.794 min Scan# 5872

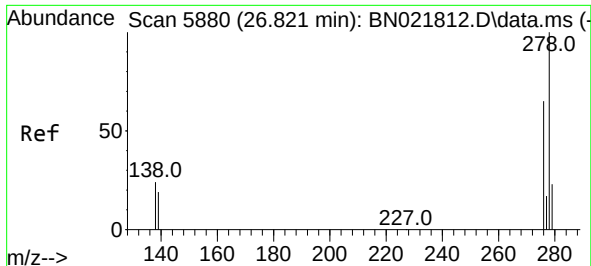
Delta R.T. 0.003 min

Lab File: BN021815.D

Acq: 19 Sep 2022 22:35

Tgt Ion:276	Resp:	12439
Ion Ratio	Lower	Upper
276	100	
138	0.0	26.1 39.1#
227	0.0	0.1 0.1#

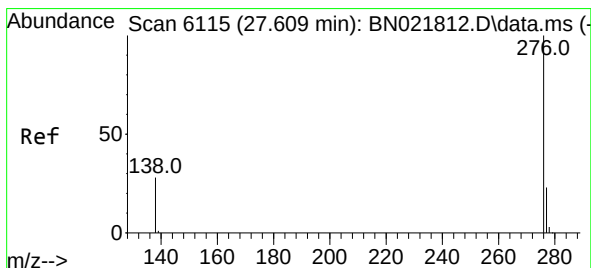
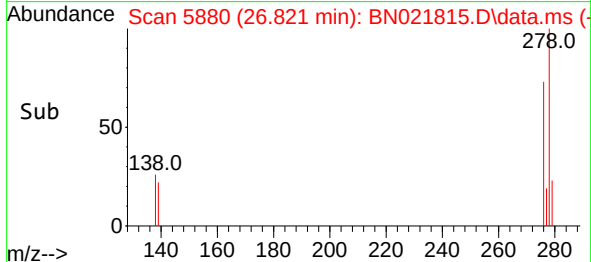
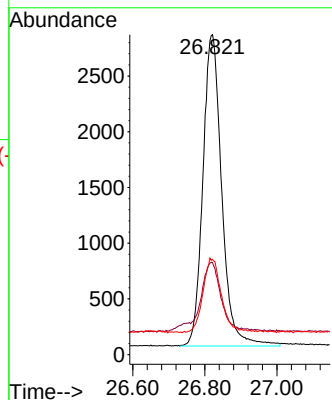
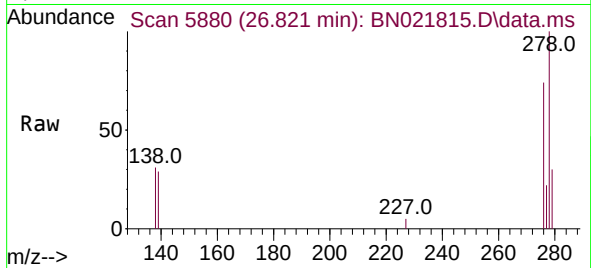




#28
Dibenzo(a,h)anthracene
Concen: 0.317 ng/ul
RT: 26.821 min Scan# 5880
Delta R.T. 0.003 min
Lab File: BN021815.D
Acq: 19 Sep 2022 22:35

Instrument :
BNA_N
ClientSampleId :
SLCS718

Tgt Ion:278 Resp: 10175
Ion Ratio Lower Upper
278 100
139 28.8 18.3 27.5#
279 29.8 23.9 35.9



#29
Benzo(g,h,i)perylene
Concen: 0.313 ng/ul
RT: 27.609 min Scan# 6115
Delta R.T. 0.000 min
Lab File: BN021815.D
Acq: 19 Sep 2022 22:35

Tgt Ion:276 Resp: 10906
Ion Ratio Lower Upper
276 100
138 32.6 22.6 34.0
277 26.0 20.2 30.2

