

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092122\
 Data File : BN021864.D
 Acq On : 22 Sep 2022 10:53
 Operator : CG/JU
 Sample : PB147689BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS689

Quant Time: Sep 22 12:53:22 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)

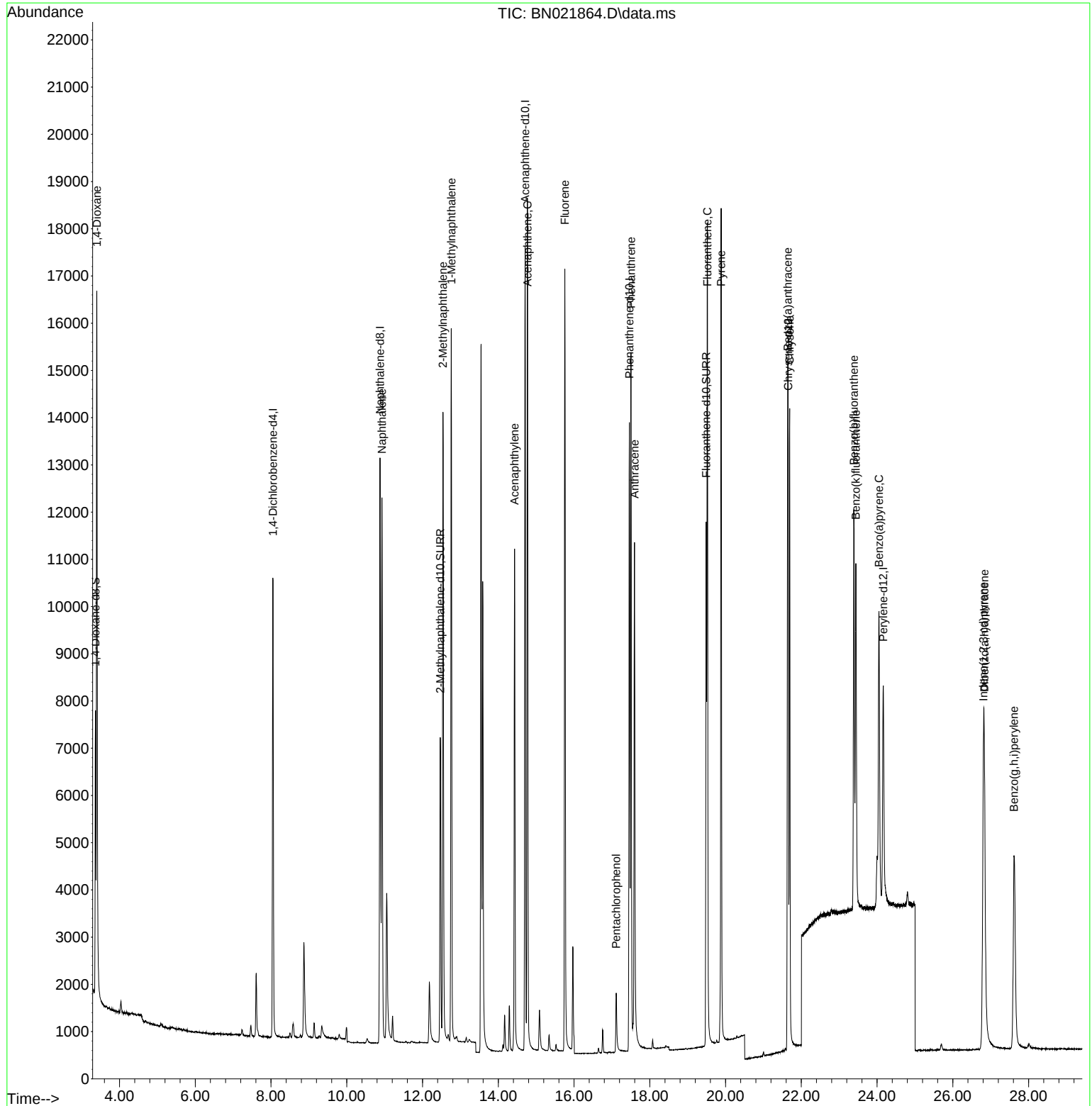
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	5354	0.400	ng/ul	0.00
4) Naphthalene-d8	10.878	136	17758	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.707	164	9503	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.460	188	16549	0.400	ng/ul	0.00
17) Chrysene-d12	21.653	240	9635	0.400	ng/ul	# 0.00
23) Perylene-d12	24.164	264	7343	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	4140	0.629	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.467	152	9096	0.324	ng/ul	0.00
18) Fluoranthene-d10	19.487	212	12672	0.354	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.401	88	10938	1.619	ng/ul#	89
5) Naphthalene	10.927	128	16372	0.327	ng/ul	98
7) 2-Methylnaphthalene	12.539	142	10396	0.319	ng/ul	98
8) 1-Methylnaphthalene	12.759	142	10819	0.324	ng/ul	100
10) Acenaphthylene	14.430	152	13118	0.329	ng/ul	99
11) Acenaphthene	14.768	153	10850	0.321	ng/ul	100
12) Fluorene	15.758	166	11735	0.309	ng/ul	99
14) Pentachlorophenol	17.114	266	1123	0.350	ng/ul	99
15) Phenanthrene	17.502	178	17069	0.327	ng/ul	99
16) Anthracene	17.595	178	13763	0.318	ng/ul	99
19) Fluoranthene	19.520	202	15887	0.353	ng/ul	98
20) Pyrene	19.882	202	15676	0.353	ng/ul	96
21) Benzo(a)anthracene	21.638	228	11327	0.351	ng/ul	99
22) Chrysene	21.691	228	12728	0.362	ng/ul	99
24) Benzo(b)fluoranthene	23.386	252	12051	0.338	ng/ul	91
25) Benzo(k)fluoranthene	23.439	252	11057	0.320	ng/ul#	92
26) Benzo(a)pyrene	24.050	252	10568	0.392	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.807	276	11764	0.387	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.831	278	9422	0.366	ng/ul	97
29) Benzo(g,h,i)perylene	27.615	276	10655	0.381	ng/ul	96

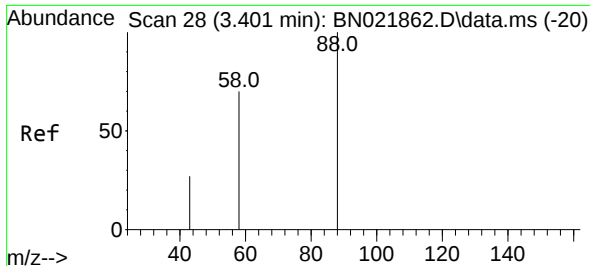
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 22 12:53:22 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

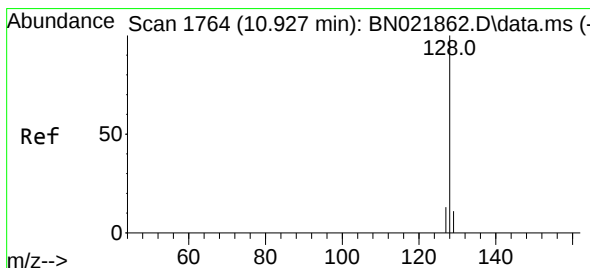
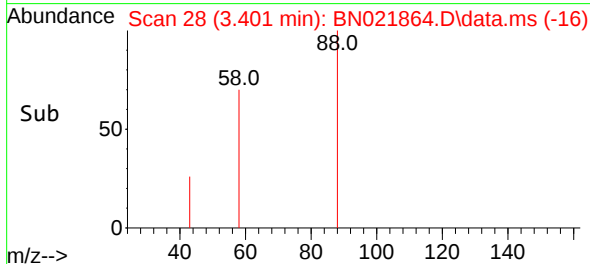
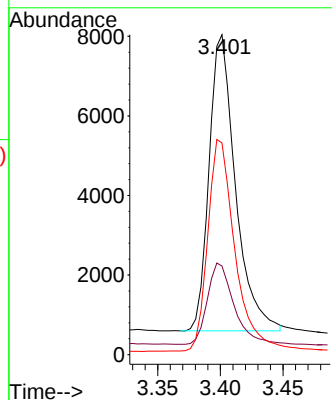
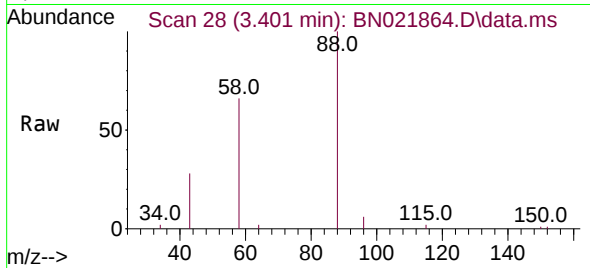




#2
1,4-Dioxane
Concen: 1.619 ng/ul
RT: 3.401 min Scan# 28
Delta R.T. -0.000 min
Lab File: BN021864.D
Acq: 22 Sep 2022 10:53

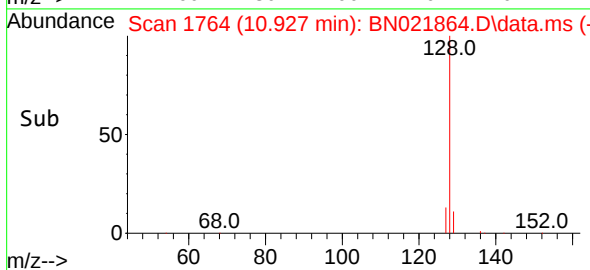
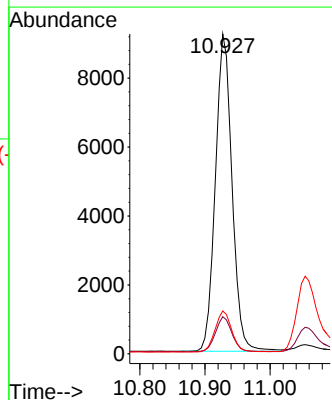
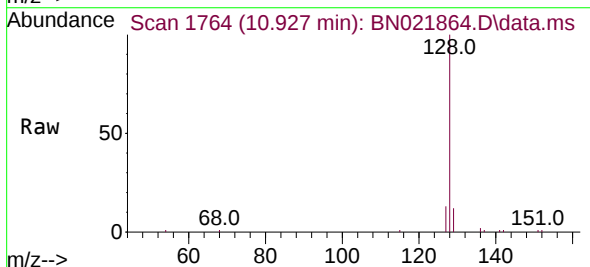
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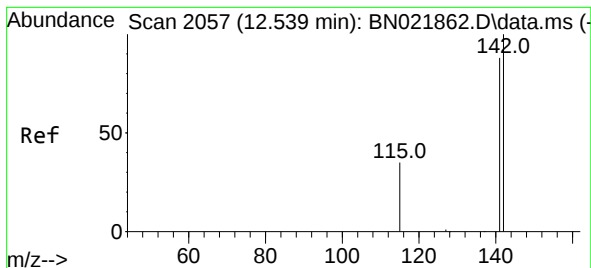
Tgt Ion: 88 Resp: 10938
Ion Ratio Lower Upper
88 100
43 27.7 31.4 47.0#
58 66.2 49.0 73.6



#5
Naphthalene
Concen: 0.327 ng/ul
RT: 10.927 min Scan# 1764
Delta R.T. -0.006 min
Lab File: BN021864.D
Acq: 22 Sep 2022 10:53

Tgt Ion:128 Resp: 16372
Ion Ratio Lower Upper
128 100
129 11.6 9.8 14.6
127 13.4 11.6 17.4

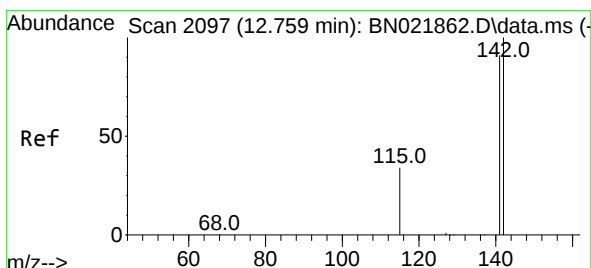
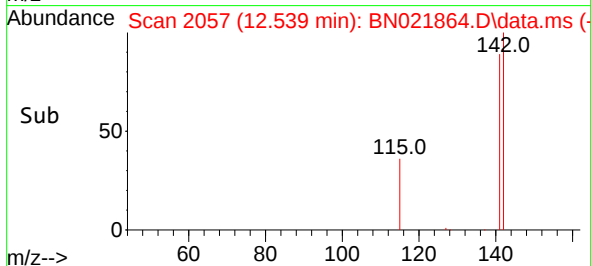
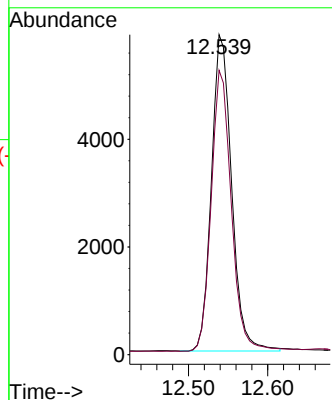
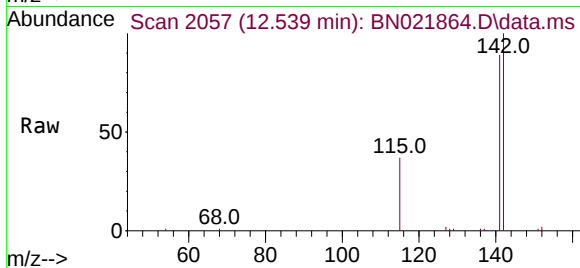




#7
2-Methylnaphthalene
Concen: 0.319 ng/ul
RT: 12.539 min Scan# 2057
Delta R.T. -0.005 min
Lab File: BN021864.D
Acq: 22 Sep 2022 10:53

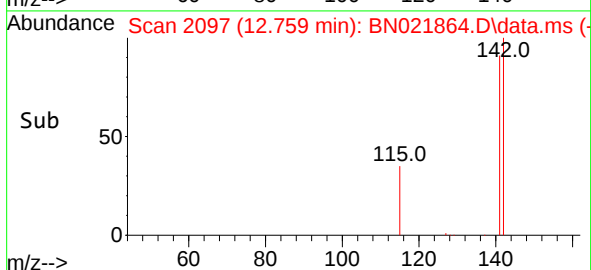
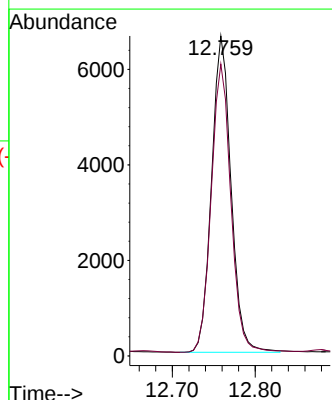
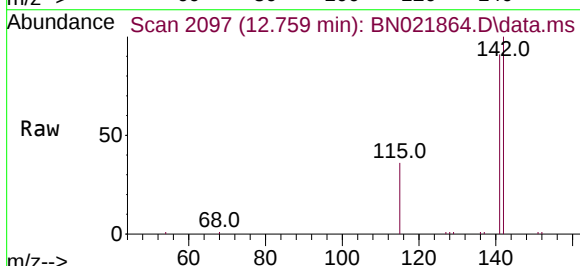
Instrument :
BNA_N
ClientSampleId :
SLCS689

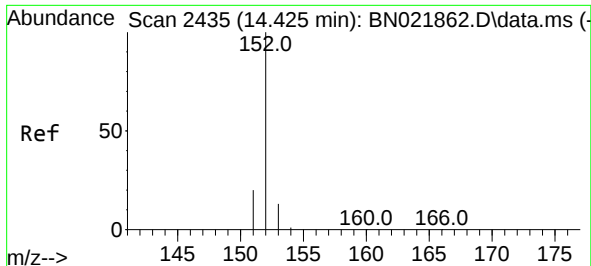
Tgt Ion:142 Resp: 10396
Ion Ratio Lower Upper
142 100
141 88.6 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.324 ng/ul
RT: 12.759 min Scan# 2097
Delta R.T. -0.000 min
Lab File: BN021864.D
Acq: 22 Sep 2022 10:53

Tgt Ion:142 Resp: 10819
Ion Ratio Lower Upper
142 100
141 91.9 73.9 110.9

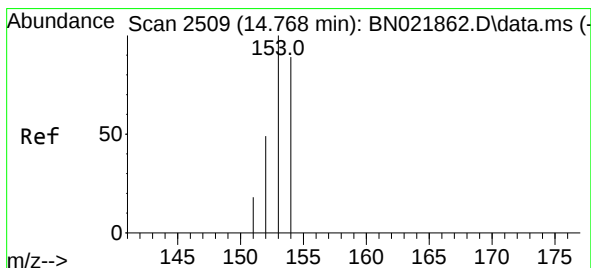
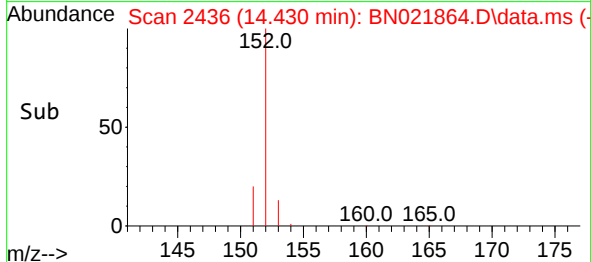
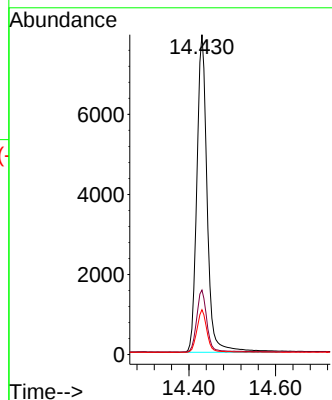
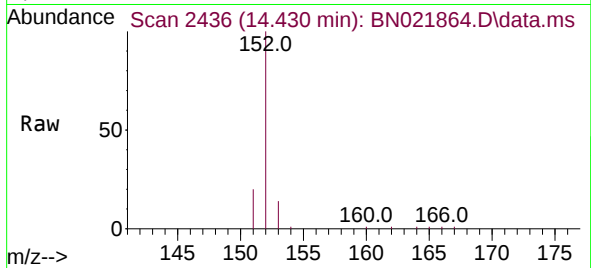




#10
Acenaphthylene
Concen: 0.329 ng/ul
RT: 14.430 min Scan# 2435
Delta R.T. -0.000 min
Lab File: BN021864.D
Acq: 22 Sep 2022 10:53

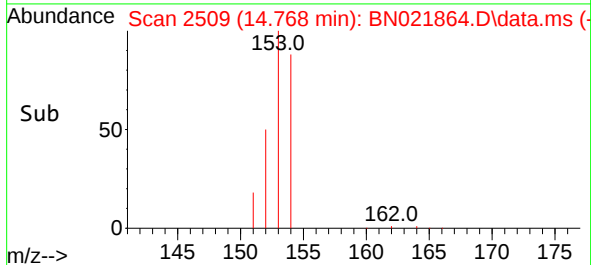
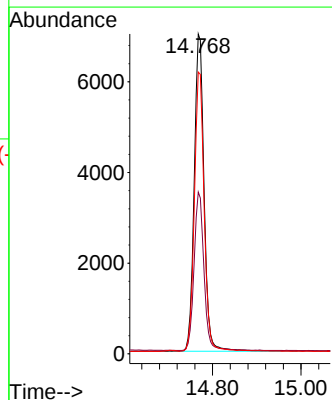
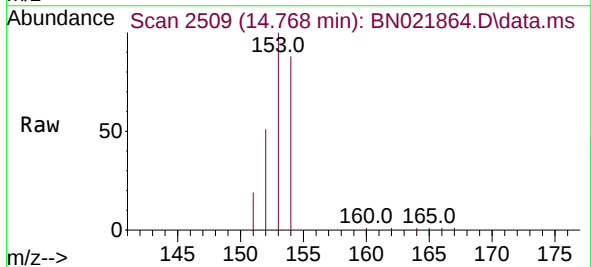
Instrument :
BNA_N
ClientSampleId :
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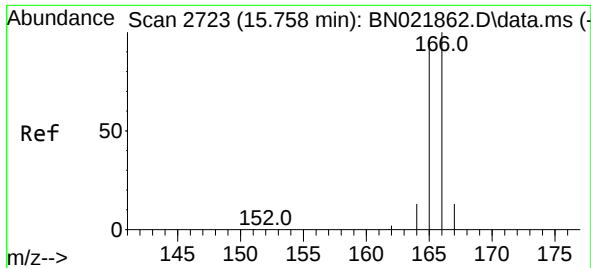
Tgt Ion:152 Resp: 13118
Ion Ratio Lower Upper
152 100
151 20.2 16.9 25.3
153 14.0 11.2 16.8



#11
Acenaphthene
Concen: 0.321 ng/ul
RT: 14.768 min Scan# 2509
Delta R.T. -0.005 min
Lab File: BN021864.D
Acq: 22 Sep 2022 10:53

Tgt Ion:153 Resp: 10850
Ion Ratio Lower Upper
153 100
152 50.6 40.2 60.4
154 88.1 70.7 106.1

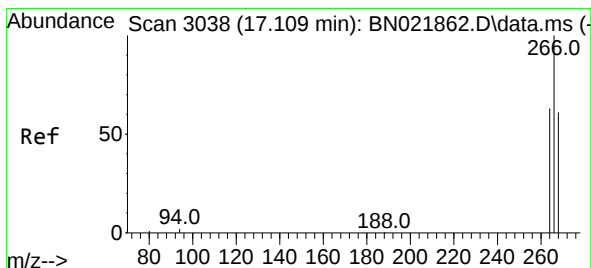
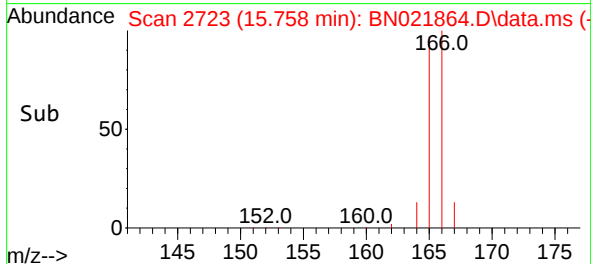
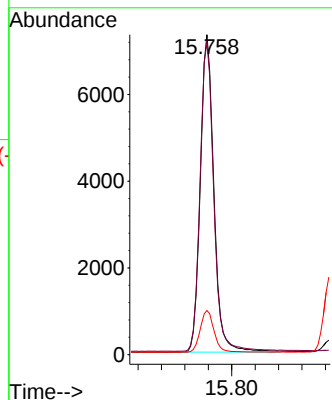
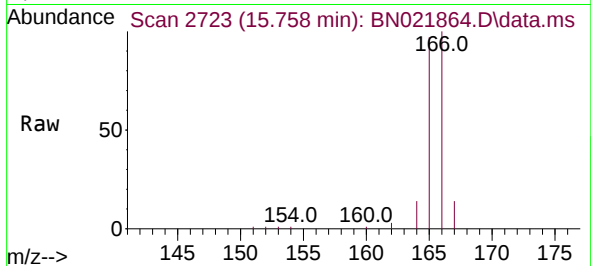




#12
 Fluorene
 Concen: 0.309 ng/ul
 RT: 15.758 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN021864.D
 Acq: 22 Sep 2022 10:53

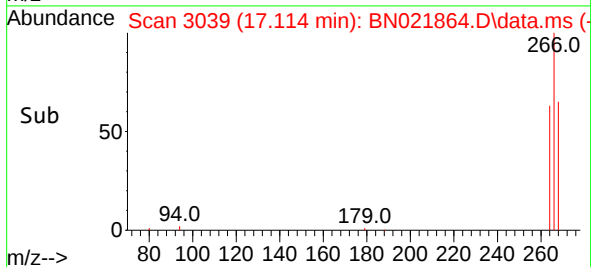
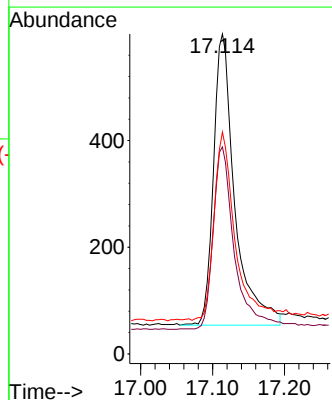
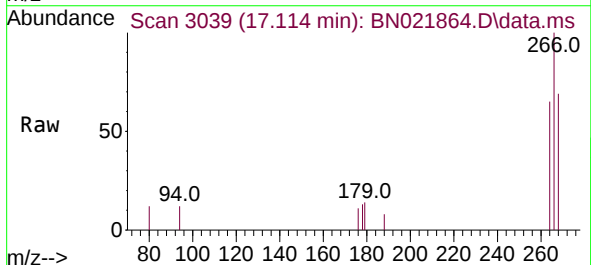
Instrument :
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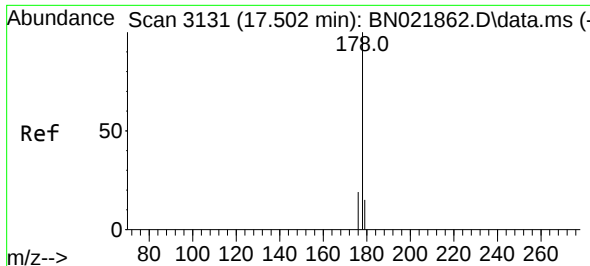
Tgt Ion:166	Resp:	11735
Ion Ratio	Lower	Upper
166	100	
165	97.5	78.6 117.8
167	13.8	11.8 17.6



#14
 Pentachlorophenol
 Concen: 0.350 ng/ul
 RT: 17.114 min Scan# 3039
 Delta R.T. 0.004 min
 Lab File: BN021864.D
 Acq: 22 Sep 2022 10:53

Tgt Ion:266	Resp:	1123
Ion Ratio	Lower	Upper
266	100	
264	62.4	49.8 74.8
268	63.9	50.6 75.8

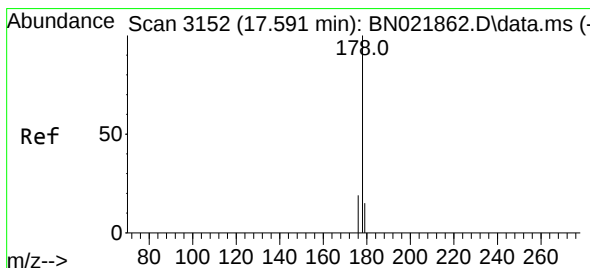
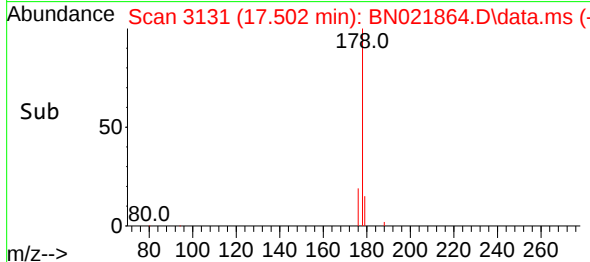
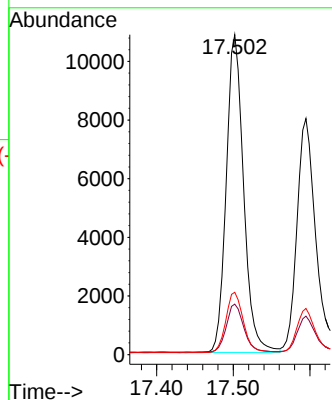
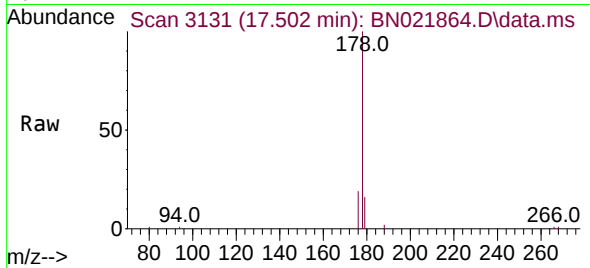




#15
Phenanthrene
Concen: 0.327 ng/ul
RT: 17.502 min Scan# 3131
Delta R.T. -0.000 min
Lab File: BN021864.D
Acq: 22 Sep 2022 10:53

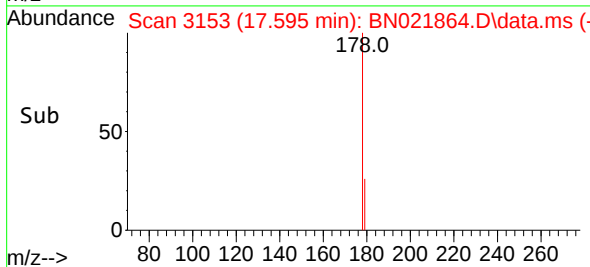
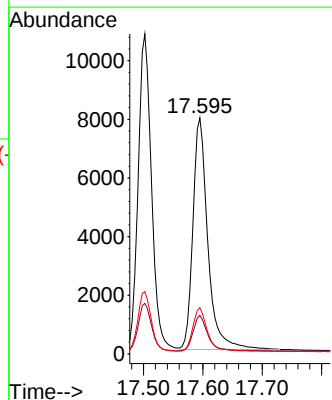
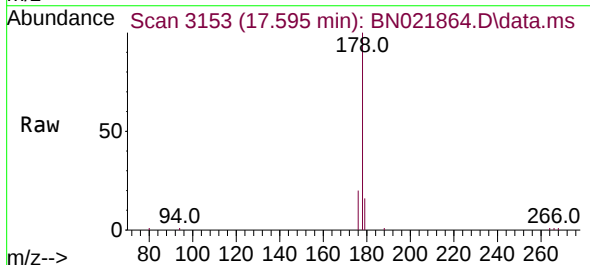
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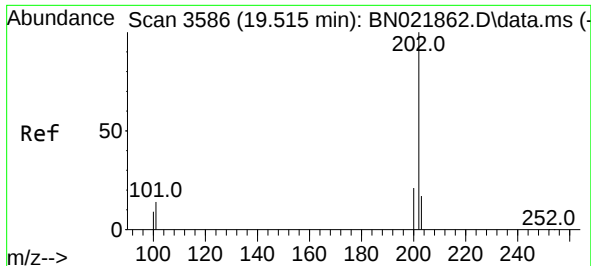
Tgt Ion:	178	Resp:	17069
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.8	19.2
176	19.5	15.9	23.9



#16
Anthracene
Concen: 0.318 ng/ul
RT: 17.595 min Scan# 3153
Delta R.T. 0.000 min
Lab File: BN021864.D
Acq: 22 Sep 2022 10:53

Tgt Ion:	178	Resp:	13763
Ion Ratio	Lower	Upper	
178	100		
179	16.3	12.9	19.3
176	19.5	15.9	23.9

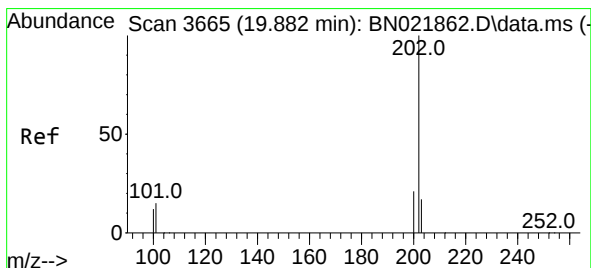
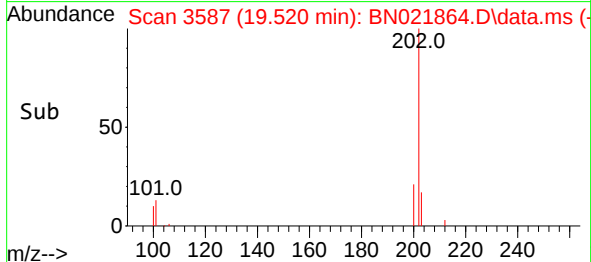
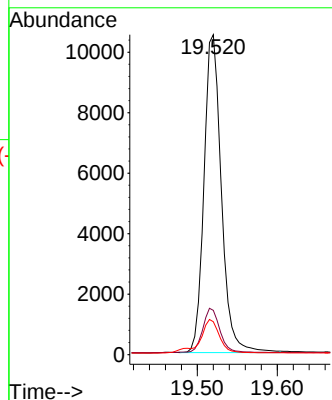
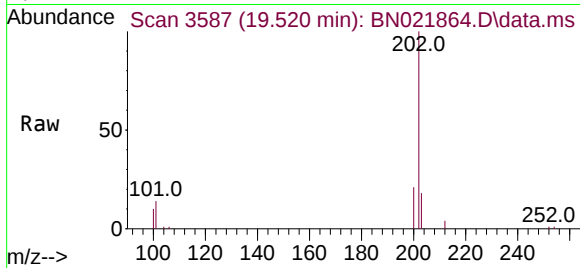




#19
Fluoranthene
Concen: 0.353 ng/ul
RT: 19.520 min Scan# 3587
Delta R.T. 0.005 min
Lab File: BN021864.D
Acq: 22 Sep 2022 10:53

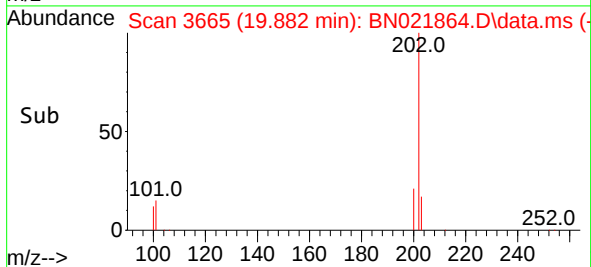
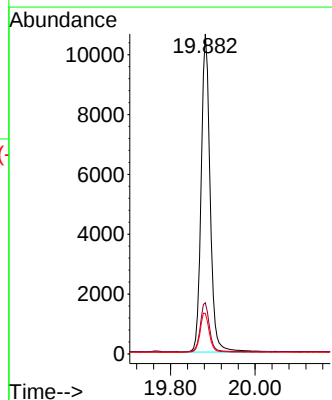
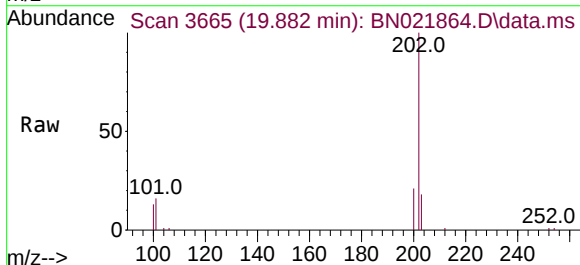
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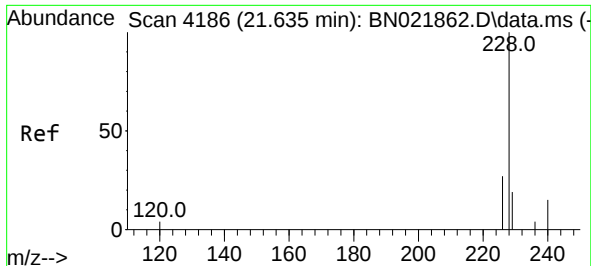
Tgt Ion:202 Resp: 15887
Ion Ratio Lower Upper
202 100
101 13.8 10.0 15.0
100 10.3 8.0 12.0



#20
Pyrene
Concen: 0.353 ng/ul
RT: 19.882 min Scan# 3665
Delta R.T. 0.005 min
Lab File: BN021864.D
Acq: 22 Sep 2022 10:53

Tgt Ion:202 Resp: 15676
Ion Ratio Lower Upper
202 100
101 16.0 11.3 16.9
100 12.7 9.0 13.4

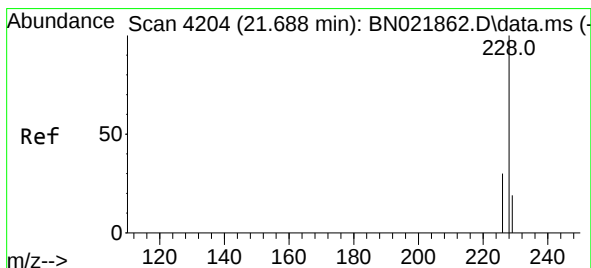
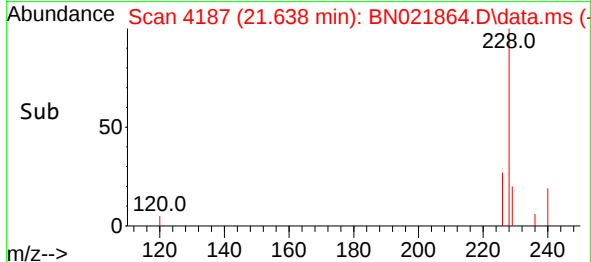
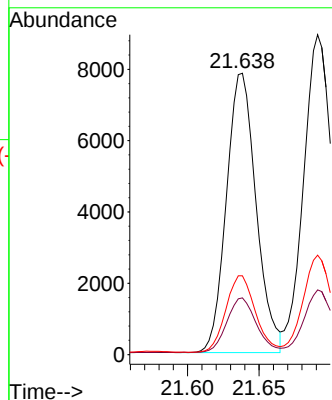
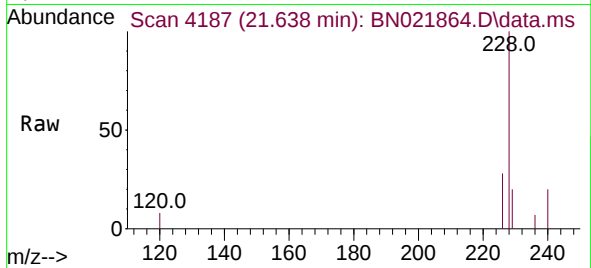




#21
Benzo(a)anthracene
Concen: 0.351 ng/ul
RT: 21.638 min Scan# 4186
Delta R.T. 0.009 min
Lab File: BN021864.D
Acq: 22 Sep 2022 10:53

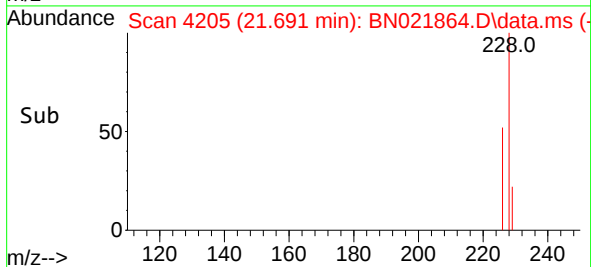
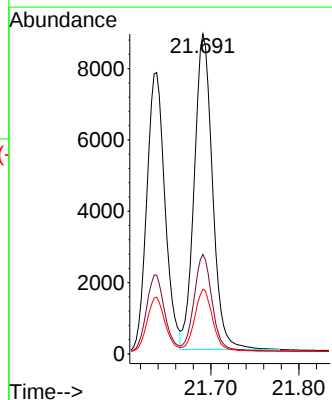
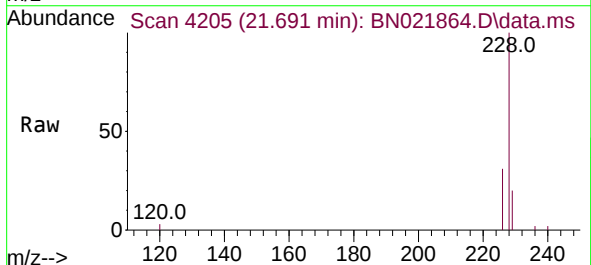
Instrument :
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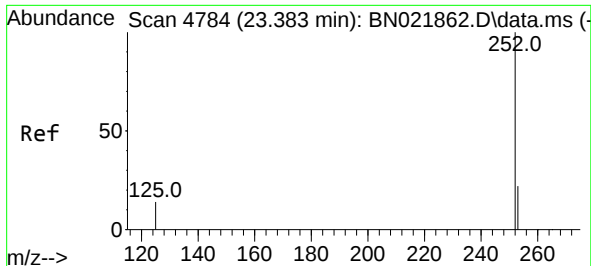
Tgt Ion:228 Resp: 11327
Ion Ratio Lower Upper
228 100
229 20.2 16.0 24.0
226 28.0 21.9 32.9



#22
Chrysene
Concen: 0.362 ng/ul
RT: 21.691 min Scan# 4205
Delta R.T. 0.006 min
Lab File: BN021864.D
Acq: 22 Sep 2022 10:53

Tgt Ion:228 Resp: 12728
Ion Ratio Lower Upper
228 100
226 31.1 24.6 37.0
229 20.2 15.8 23.8

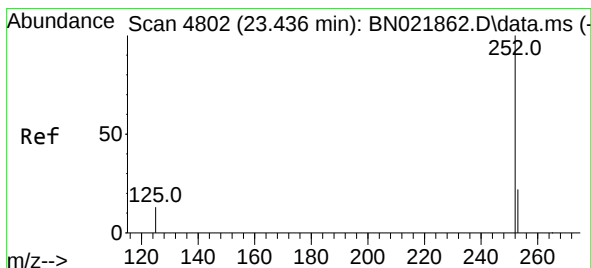
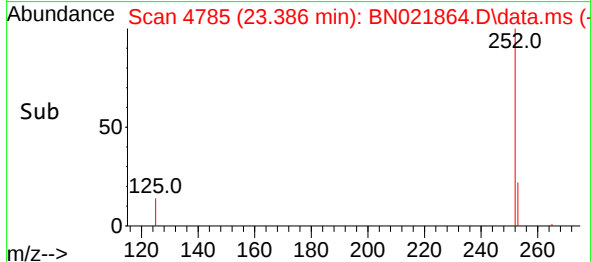
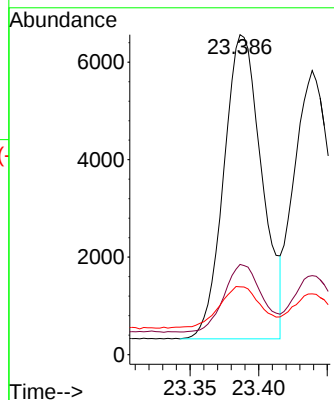
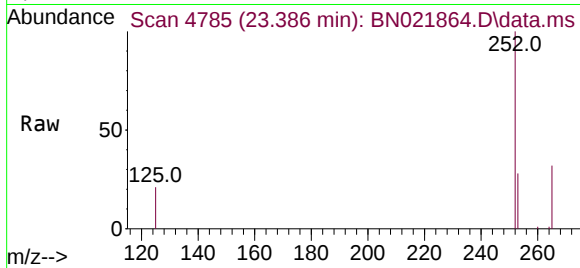




#24
Benzo(b)fluoranthene
Concen: 0.338 ng/ul
RT: 23.386 min Scan# 4784
Delta R.T. 0.006 min
Lab File: BN021864.D
Acq: 22 Sep 2022 10:53

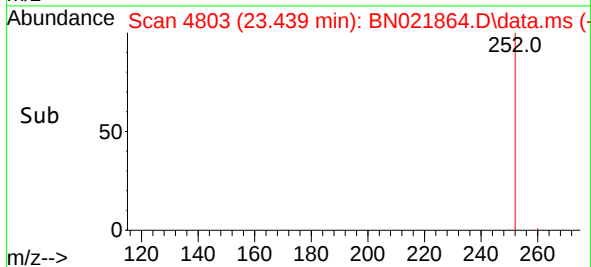
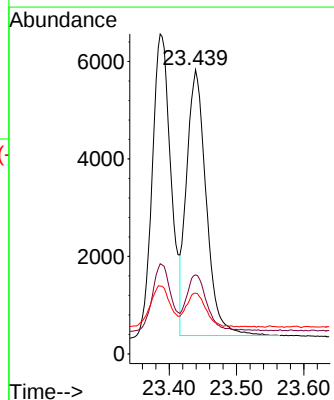
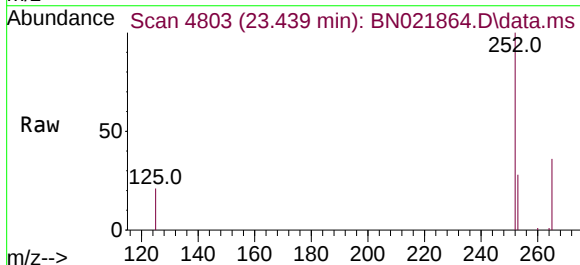
Instrument :
BNA_N
ClientSampleId :
SLCS689

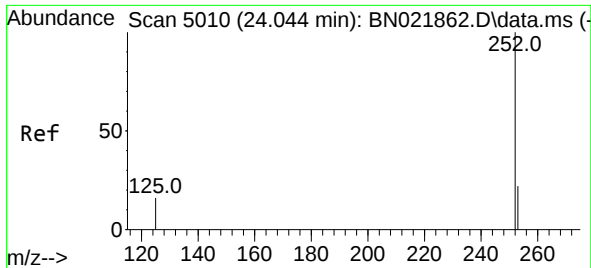
Tgt Ion:252 Resp: 12051
Ion Ratio Lower Upper
252 100
253 28.2 0.0 50.8
125 21.2 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.320 ng/ul
RT: 23.439 min Scan# 4803
Delta R.T. 0.009 min
Lab File: BN021864.D
Acq: 22 Sep 2022 10:53

Tgt Ion:252 Resp: 11057
Ion Ratio Lower Upper
252 100
253 27.8 20.6 31.0
125 21.4 11.8 17.6#

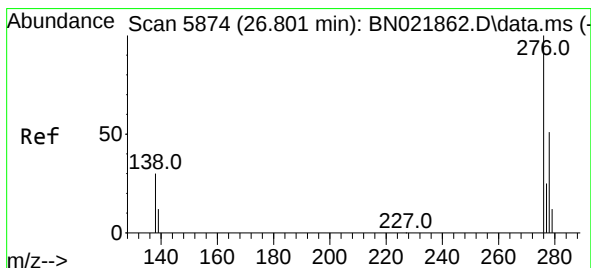
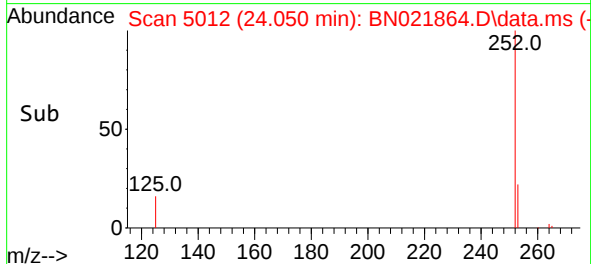
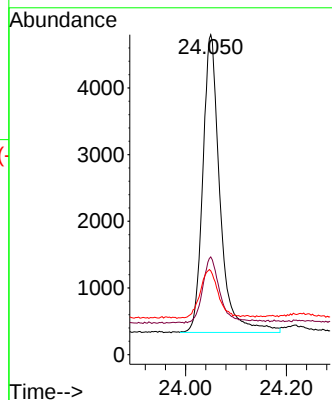
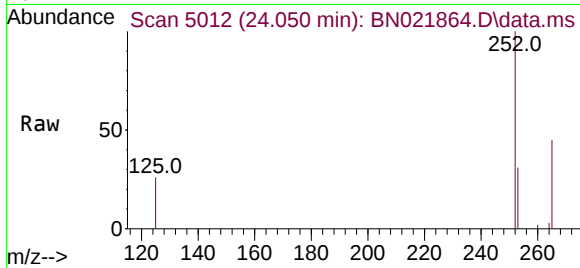




#26
Benzo(a)pyrene
Concen: 0.392 ng/ul
RT: 24.050 min Scan# 5010
Delta R.T. 0.009 min
Lab File: BN021864.D
Acq: 22 Sep 2022 10:53

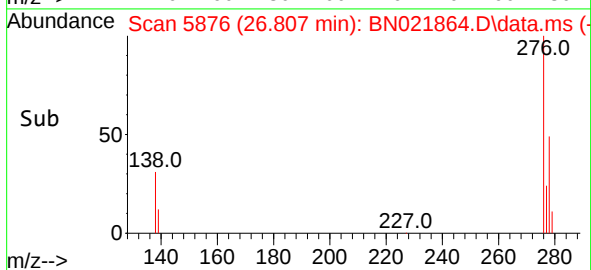
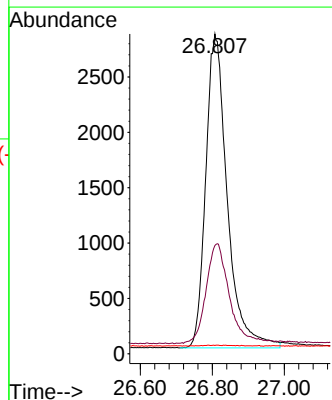
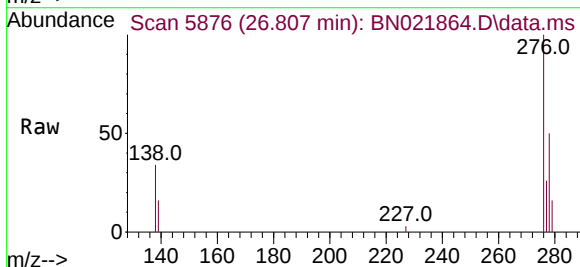
Instrument :
BNA_N
ClientSampleId :
SLCS689

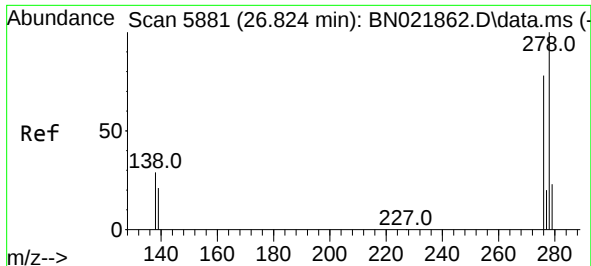
Tgt Ion:252 Resp: 10568
Ion Ratio Lower Upper
252 100
253 30.5 22.1 33.1
125 26.2 14.7 22.1#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.387 ng/ul
RT: 26.807 min Scan# 5876
Delta R.T. 0.016 min
Lab File: BN021864.D
Acq: 22 Sep 2022 10:53

Tgt Ion:276 Resp: 11764
Ion Ratio Lower Upper
276 100
138 34.2 26.1 39.1
227 0.1 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.366 ng/ul

RT: 26.831 min Scan# 5881

Delta R.T. 0.013 min

Lab File: BN021864.D

Acq: 22 Sep 2022 10:53

Instrument :

BNA_N

ClientSampleId :

SLCS689

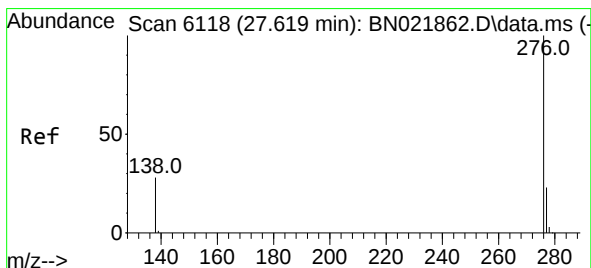
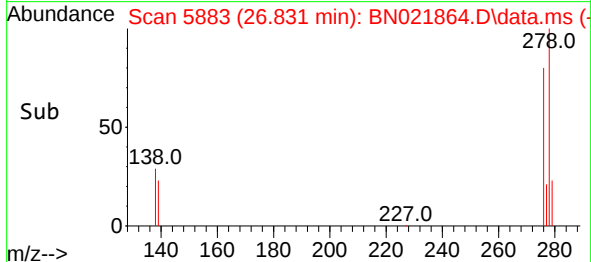
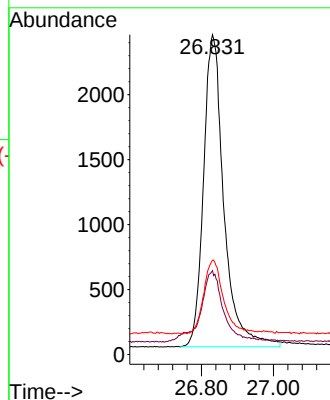
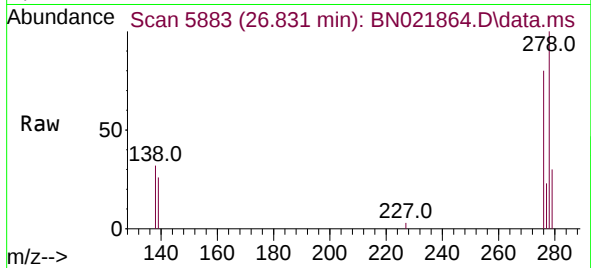
Tgt Ion:278 Resp: 9422

Ion Ratio Lower Upper

278 100

139 26.2 18.3 27.5

279 29.5 23.9 35.9



#29

Benzo(g,h,i)perylene

Concen: 0.381 ng/ul

RT: 27.615 min Scan# 6117

Delta R.T. 0.006 min

Lab File: BN021864.D

Acq: 22 Sep 2022 10:53

Tgt Ion:276 Resp: 10655

Ion Ratio Lower Upper

276 100

138 32.1 22.6 34.0

277 25.9 20.2 30.2

