

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092122\
 Data File : BN021870.D
 Acq On : 22 Sep 2022 18:36
 Operator : CG/JU
 Sample : PB147813BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS813

Quant Time: Sep 23 02:11:04 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)

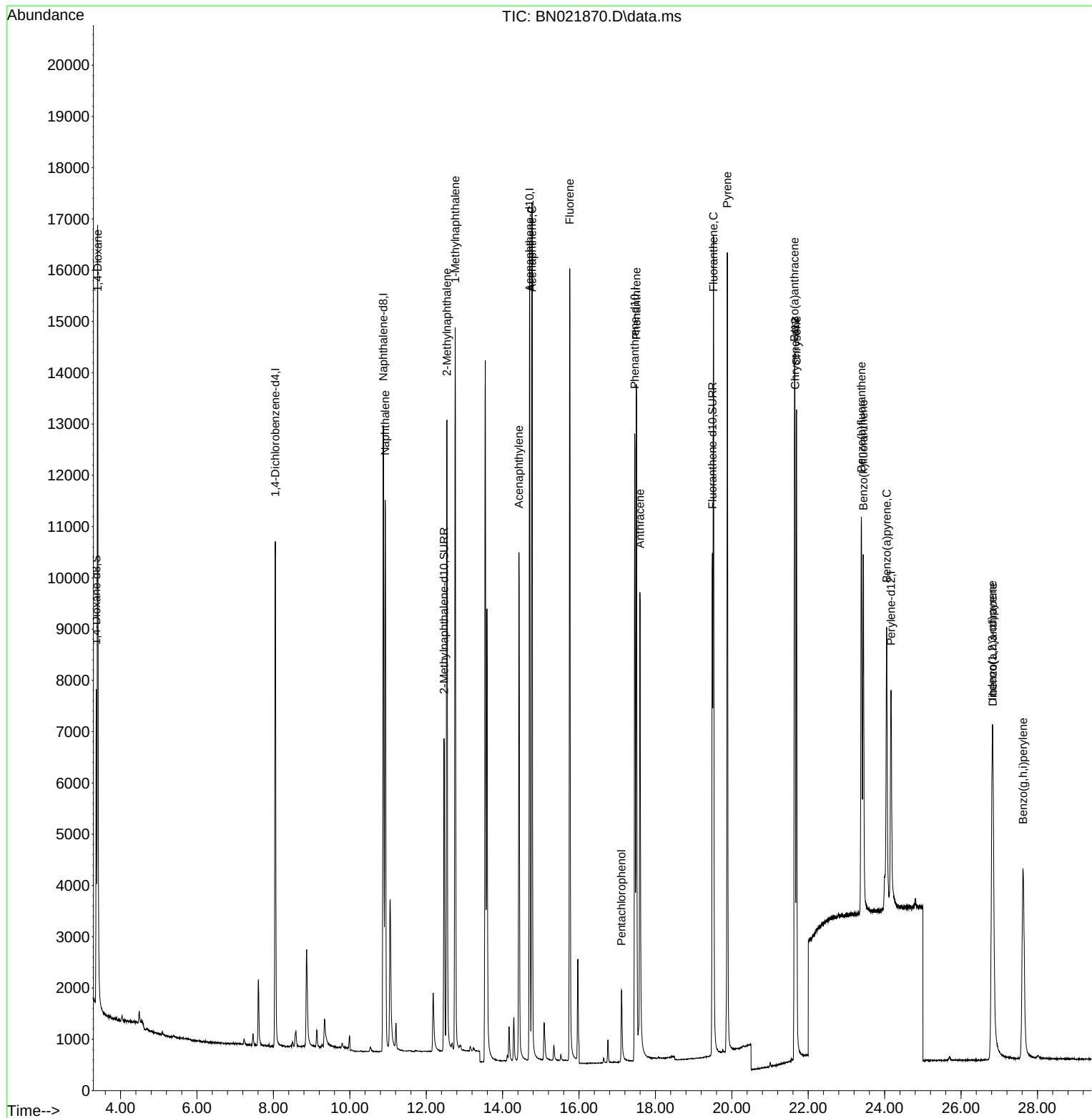
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.050	152	5357	0.400	ng/ul	0.00
4) Naphthalene-d8	10.878	136	17464	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.707	164	9062	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.460	188	15326	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.656	240	9149	0.400	ng/ul	# 0.00
23) Perylene-d12	24.167	264	6893	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	4043	0.613	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.467	152	8600	0.311	ng/ul	0.00
18) Fluoranthene-d10	19.492	212	11324	0.333	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.401	88	10880	1.610	ng/ul#	87
5) Naphthalene	10.927	128	15650	0.318	ng/ul	98
7) 2-Methylnaphthalene	12.544	142	9862	0.308	ng/ul	98
8) 1-Methylnaphthalene	12.758	142	10222	0.311	ng/ul	100
10) Acenaphthylene	14.430	152	12279	0.323	ng/ul	99
11) Acenaphthene	14.767	153	10213	0.317	ng/ul	98
12) Fluorene	15.758	166	10900	0.301	ng/ul	100
14) Pentachlorophenol	17.113	266	1281	0.431	ng/ul	99
15) Phenanthrene	17.502	178	15350	0.317	ng/ul	99
16) Anthracene	17.595	178	12234	0.305	ng/ul	100
19) Fluoranthene	19.520	202	14219	0.333	ng/ul	97
20) Pyrene	19.882	202	14046	0.333	ng/ul#	93
21) Benzo(a)anthracene	21.641	228	10462	0.341	ng/ul	100
22) Chrysene	21.694	228	12032	0.360	ng/ul	99
24) Benzo(b)fluoranthene	23.392	252	11287	0.337	ng/ul	90
25) Benzo(k)fluoranthene	23.442	252	10329	0.319	ng/ul#	91
26) Benzo(a)pyrene	24.053	252	9705	0.383	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.814	276	10966	0.385	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.834	278	8833	0.365	ng/ul	97
29) Benzo(g,h,i)perylene	27.622	276	10173	0.388	ng/ul	96

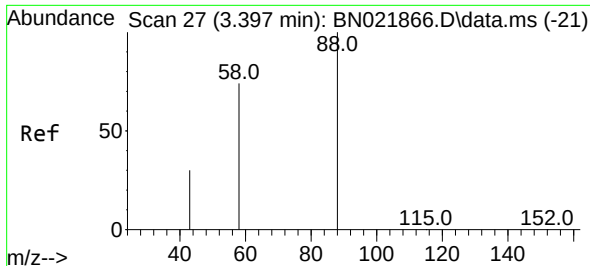
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 1.610 ng/ul

RT: 3.401 min Scan# 28

Delta R.T. -0.000 min

Lab File: BN021870.D

Acq: 22 Sep 2022 18:36

Instrument :

BNA_N

ClientSampleId :

SLCS813

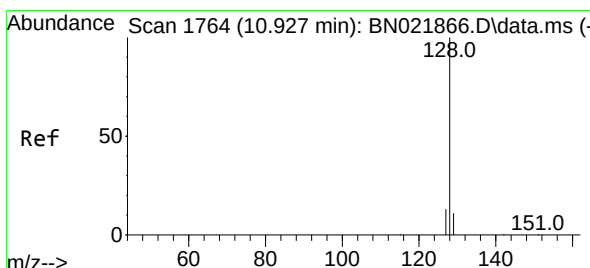
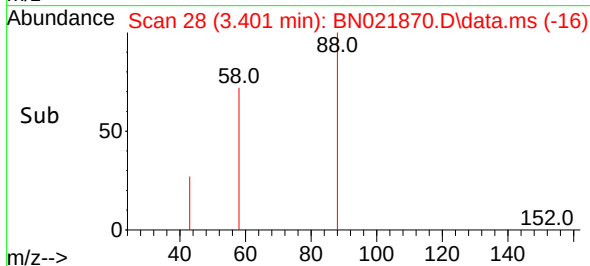
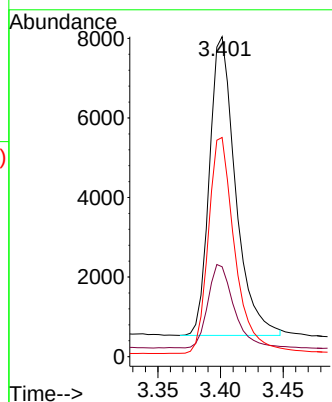
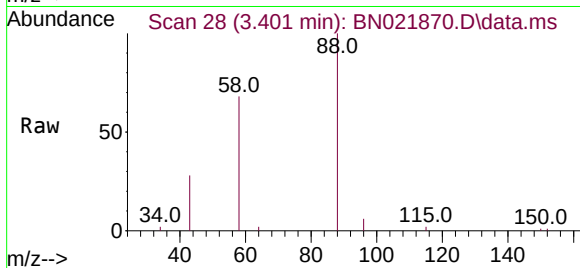
Tgt Ion: 88 Resp: 10880

Ion Ratio Lower Upper

88 100

43 28.1 31.4 47.0#

58 68.5 49.0 73.6



#5

Naphthalene

Concen: 0.318 ng/ul

RT: 10.927 min Scan# 1764

Delta R.T. -0.006 min

Lab File: BN021870.D

Acq: 22 Sep 2022 18:36

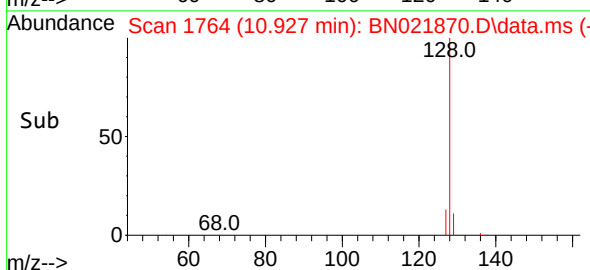
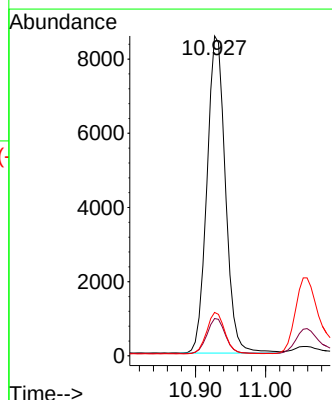
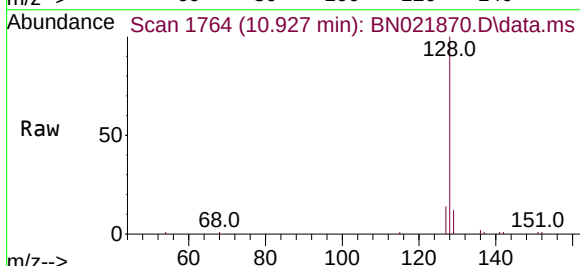
Tgt Ion:128 Resp: 15650

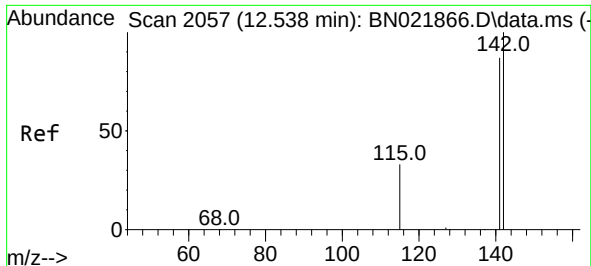
Ion Ratio Lower Upper

128 100

129 11.7 9.8 14.6

127 13.6 11.6 17.4

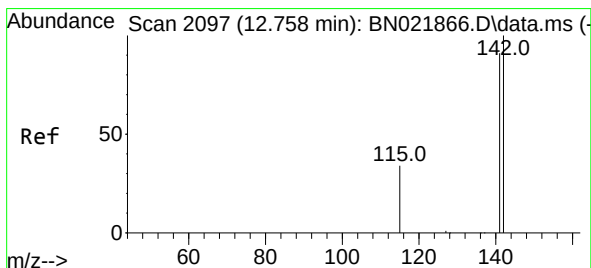
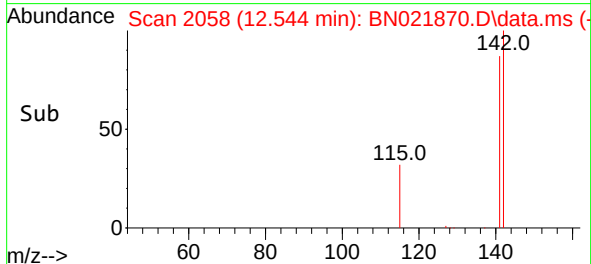
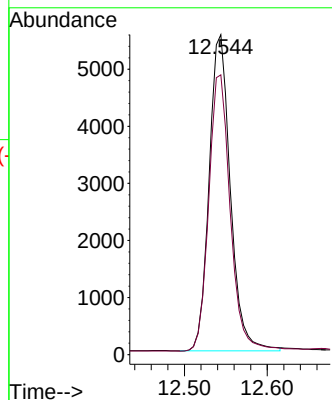
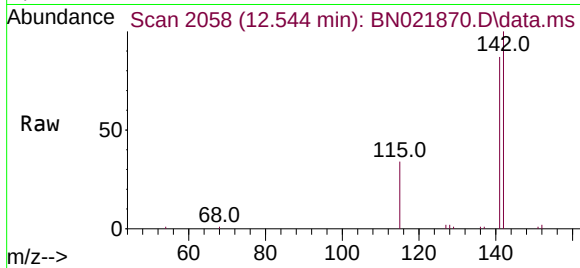




#7
2-Methylnaphthalene
Concen: 0.308 ng/ul
RT: 12.544 min Scan# 2058
Delta R.T. -0.000 min
Lab File: BN021870.D
Acq: 22 Sep 2022 18:36

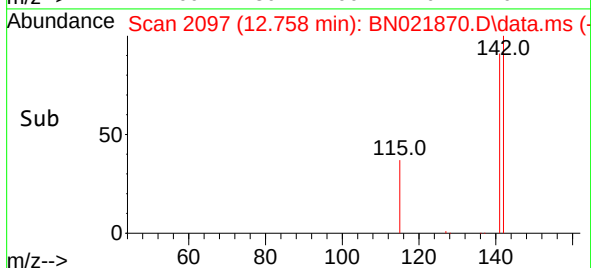
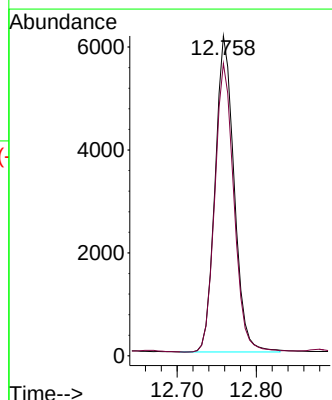
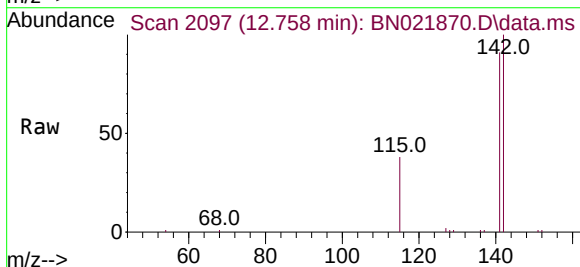
Instrument :
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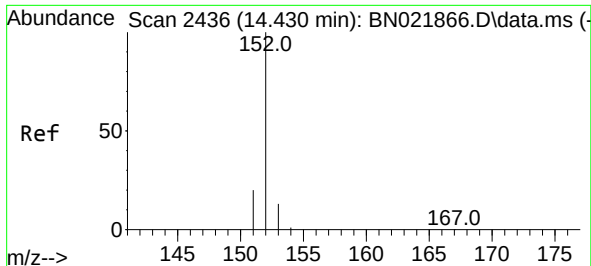
Tgt Ion:142 Resp: 9862
Ion Ratio Lower Upper
142 100
141 88.7 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.311 ng/ul
RT: 12.758 min Scan# 2097
Delta R.T. -0.000 min
Lab File: BN021870.D
Acq: 22 Sep 2022 18:36

Tgt Ion:142 Resp: 10222
Ion Ratio Lower Upper
142 100
141 92.0 73.9 110.9

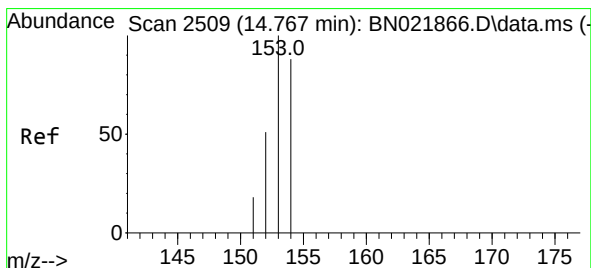
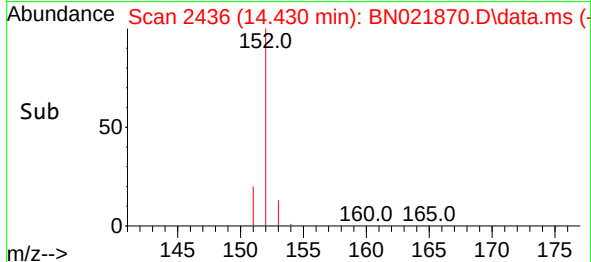
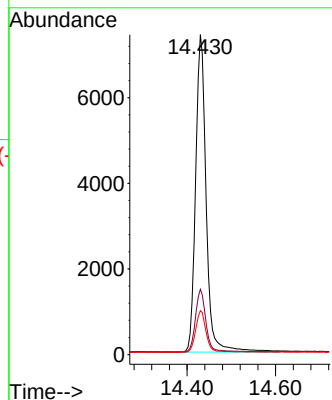
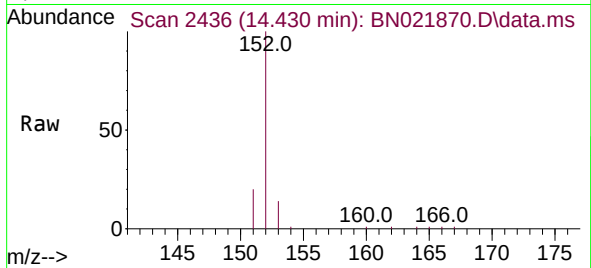




#10
Acenaphthylene
Concen: 0.323 ng/ul
RT: 14.430 min Scan# 2436
Delta R.T. -0.000 min
Lab File: BN021870.D
Acq: 22 Sep 2022 18:36

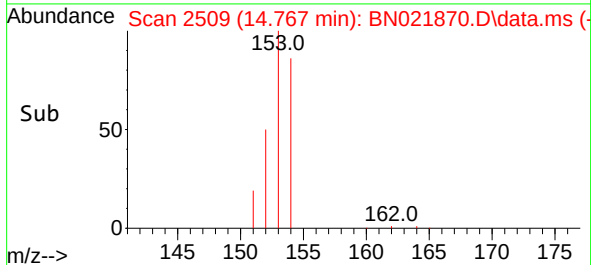
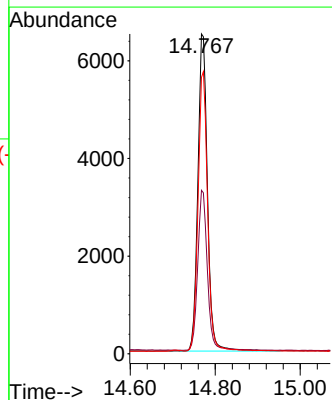
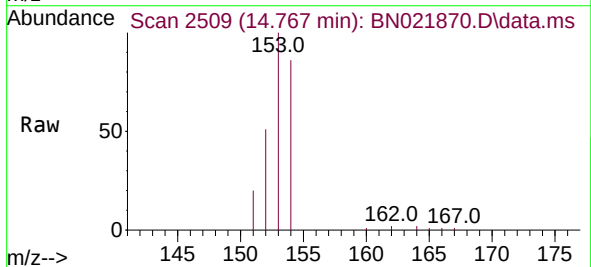
Instrument :
BNA_N
ClientSampleId :
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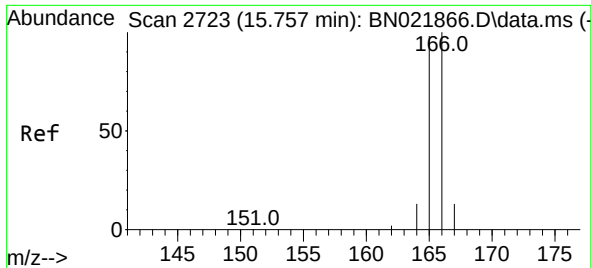
Tgt Ion:152 Resp: 12279
Ion Ratio Lower Upper
152 100
151 20.4 16.9 25.3
153 13.7 11.2 16.8



#11
Acenaphthene
Concen: 0.317 ng/ul
RT: 14.767 min Scan# 2509
Delta R.T. -0.005 min
Lab File: BN021870.D
Acq: 22 Sep 2022 18:36

Tgt Ion:153 Resp: 10213
Ion Ratio Lower Upper
153 100
152 51.1 40.2 60.4
154 86.4 70.7 106.1

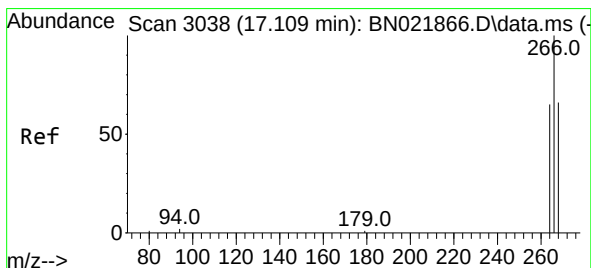
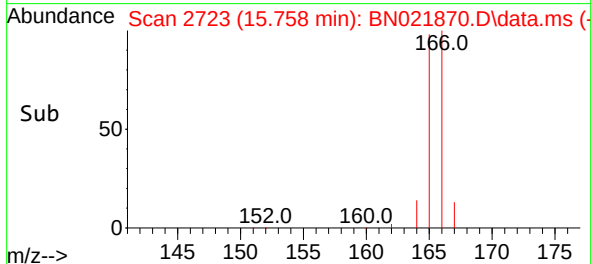
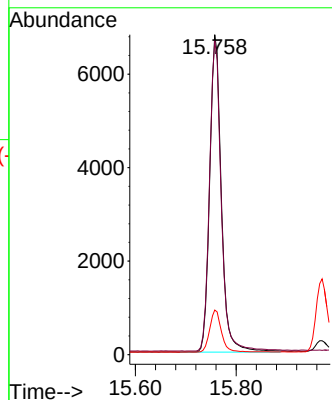
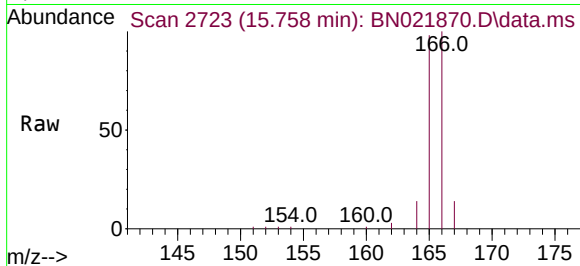




#12
Fluorene
Concen: 0.301 ng/ul
RT: 15.758 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN021870.D
Acq: 22 Sep 2022 18:36

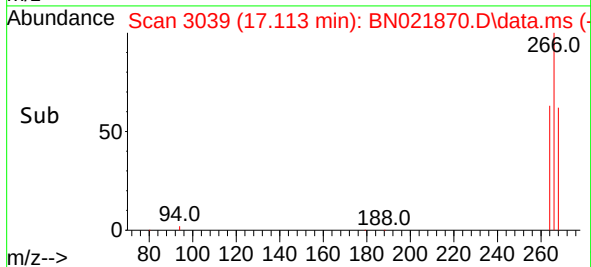
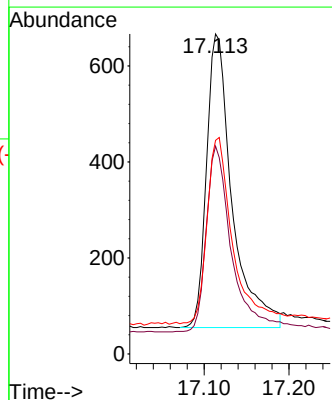
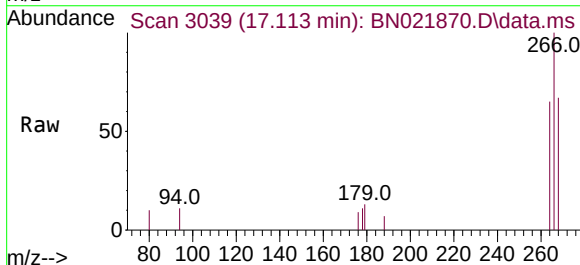
Instrument :
BNA_N
ClientSampleId :
SLCS813

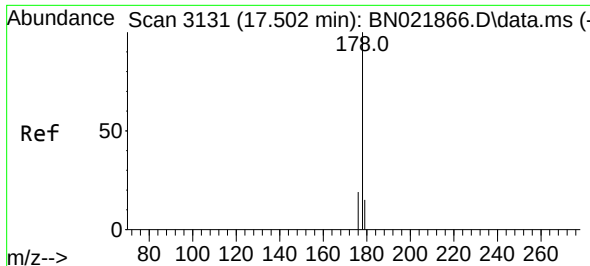
Tgt Ion:166 Resp: 10900
Ion Ratio Lower Upper
166 100
165 98.1 78.6 117.8
167 13.9 11.8 17.6



#14
Pentachlorophenol
Concen: 0.431 ng/ul
RT: 17.113 min Scan# 3039
Delta R.T. 0.004 min
Lab File: BN021870.D
Acq: 22 Sep 2022 18:36

Tgt Ion:266 Resp: 1281
Ion Ratio Lower Upper
266 100
264 62.9 49.8 74.8
268 63.9 50.6 75.8

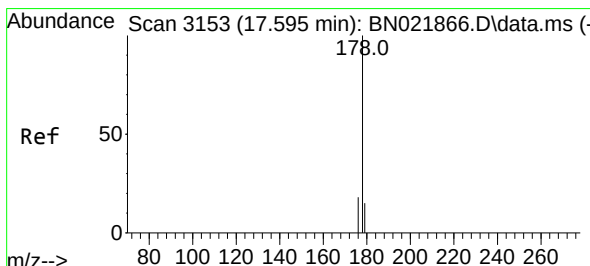
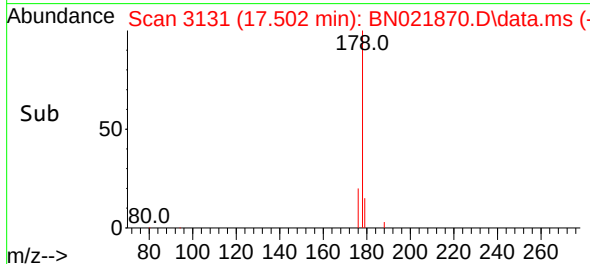
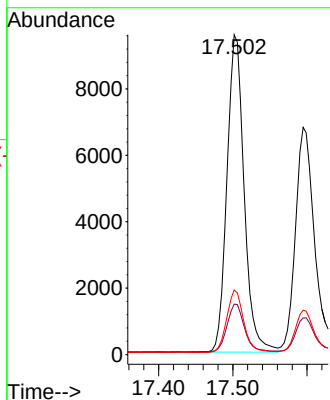
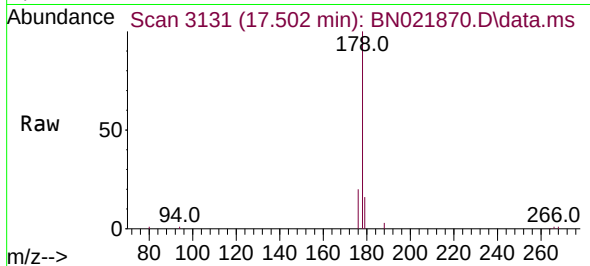




#15
Phenanthrene
Concen: 0.317 ng/ul
RT: 17.502 min Scan# 3131
Delta R.T. -0.000 min
Lab File: BN021870.D
Acq: 22 Sep 2022 18:36

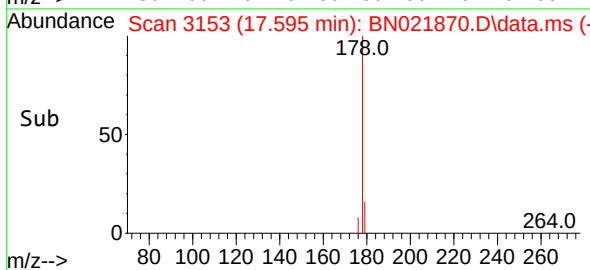
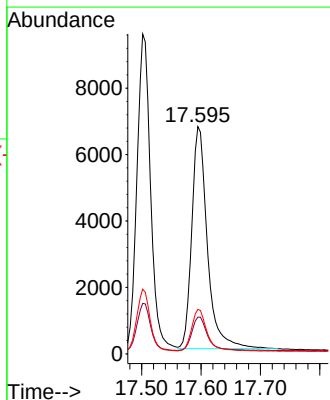
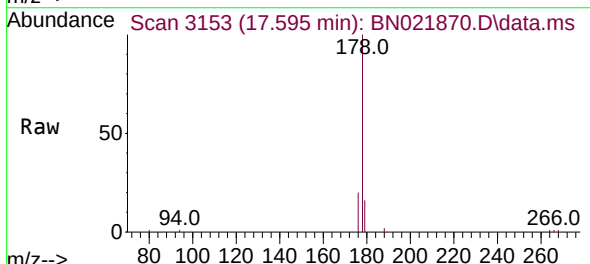
Instrument :
BNA_N
ClientSampleId :
SLCS813

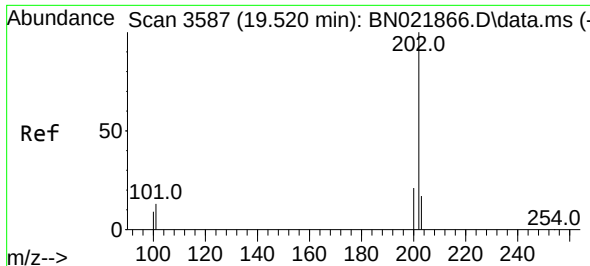
Tgt Ion:	178	Resp:	15350
Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.8	19.2
176	20.2	15.9	23.9



#16
Anthracene
Concen: 0.305 ng/ul
RT: 17.595 min Scan# 3153
Delta R.T. -0.000 min
Lab File: BN021870.D
Acq: 22 Sep 2022 18:36

Tgt Ion:	178	Resp:	12234
Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.9	19.3
176	19.5	15.9	23.9

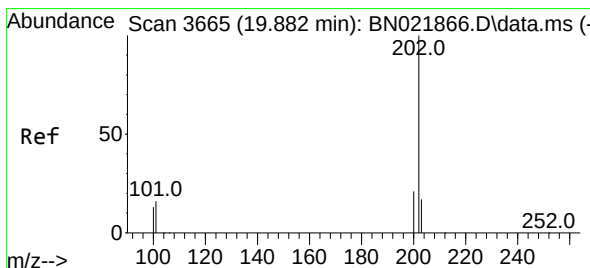
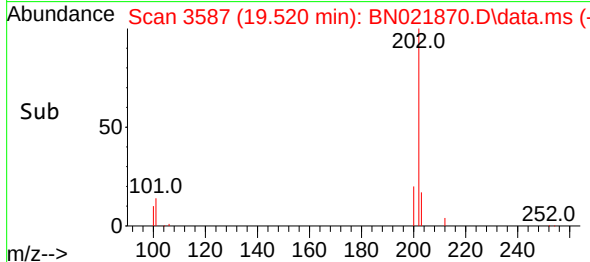
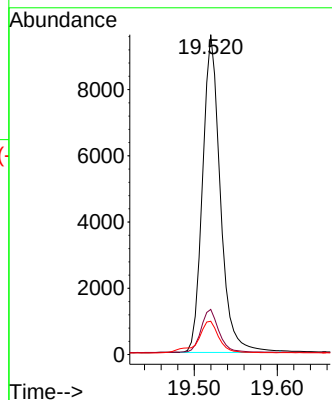
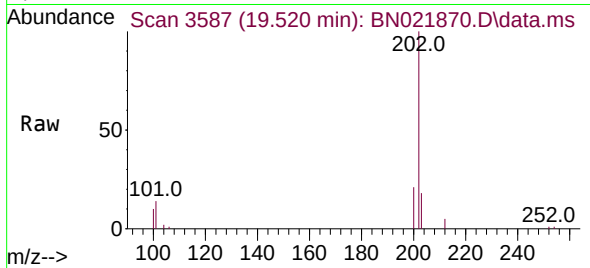




#19
Fluoranthene
Concen: 0.333 ng/ul
RT: 19.520 min Scan# 3587
Delta R.T. 0.005 min
Lab File: BN021870.D
Acq: 22 Sep 2022 18:36

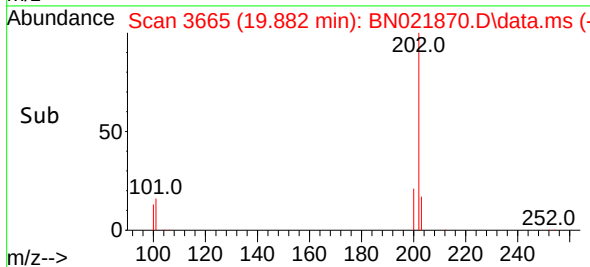
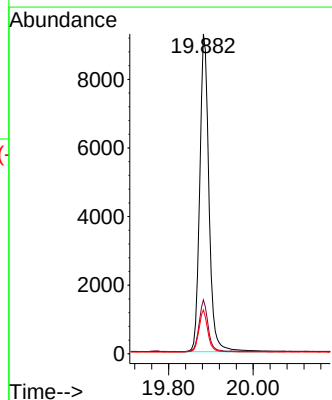
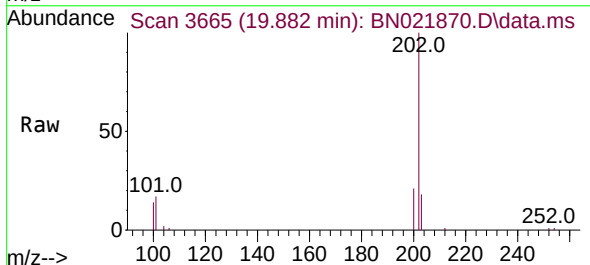
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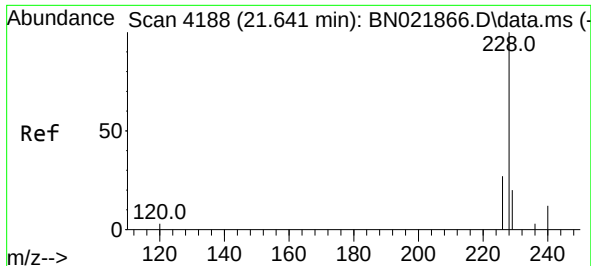
Tgt Ion:202 Resp: 14219
Ion Ratio Lower Upper
202 100
101 14.1 10.0 15.0
100 10.4 8.0 12.0



#20
Pyrene
Concen: 0.333 ng/ul
RT: 19.882 min Scan# 3665
Delta R.T. 0.005 min
Lab File: BN021870.D
Acq: 22 Sep 2022 18:36

Tgt Ion:202 Resp: 14046
Ion Ratio Lower Upper
202 100
101 16.9 11.3 16.9
100 13.7 9.0 13.4

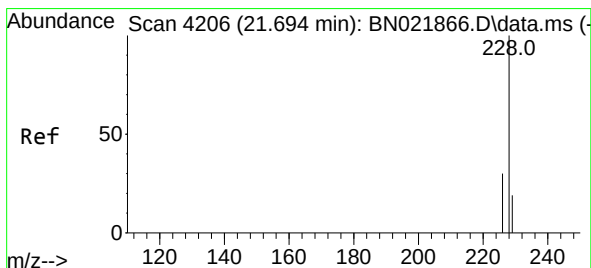
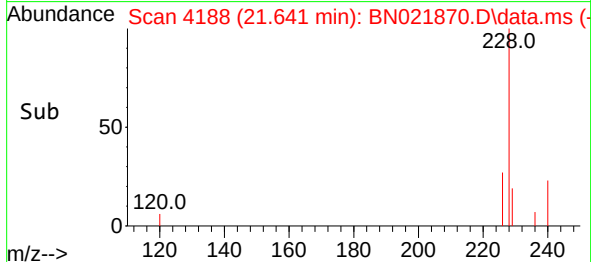
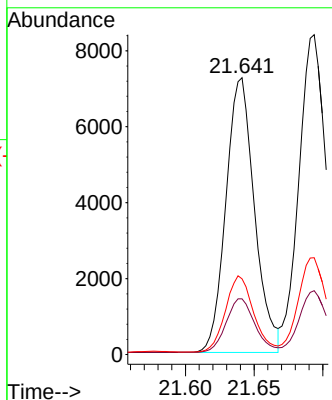
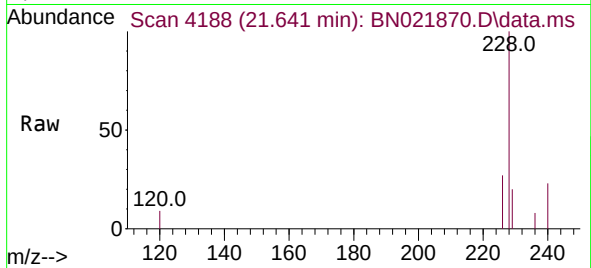




#21
Benzo(a)anthracene
Concen: 0.341 ng/ul
RT: 21.641 min Scan# 4188
Delta R.T. 0.012 min
Lab File: BN021870.D
Acq: 22 Sep 2022 18:36

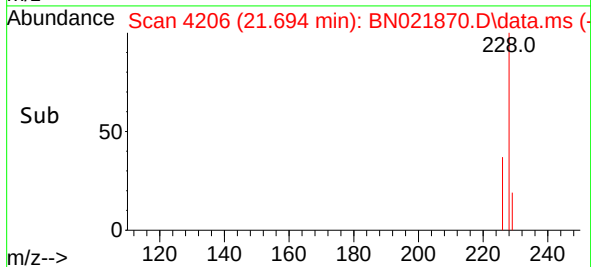
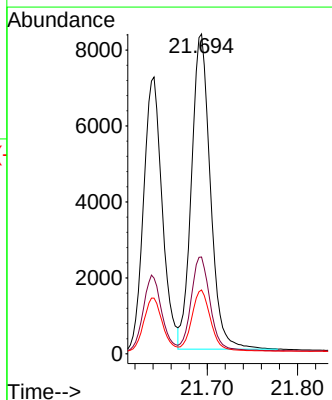
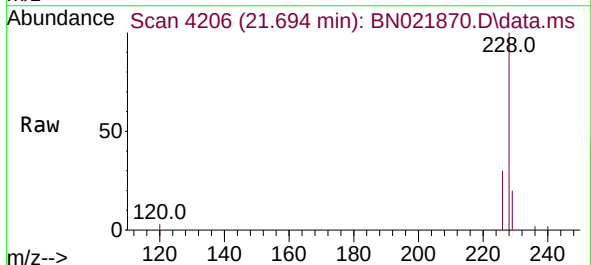
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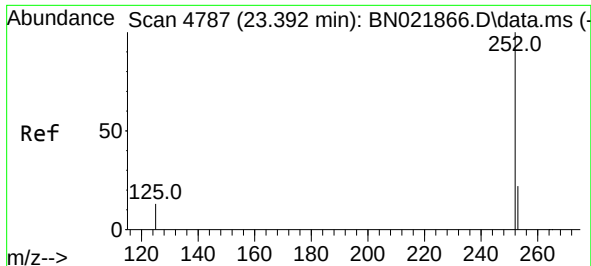
Tgt Ion:228	Resp:	10462
Ion Ratio	Lower	Upper
228	100	
229	20.1	16.0 24.0
226	27.4	21.9 32.9



#22
Chrysene
Concen: 0.360 ng/ul
RT: 21.694 min Scan# 4206
Delta R.T. 0.009 min
Lab File: BN021870.D
Acq: 22 Sep 2022 18:36

Tgt Ion:228	Resp:	12032
Ion Ratio	Lower	Upper
228	100	
226	30.3	24.6 37.0
229	20.0	15.8 23.8

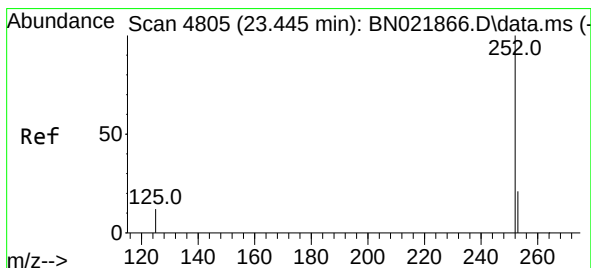
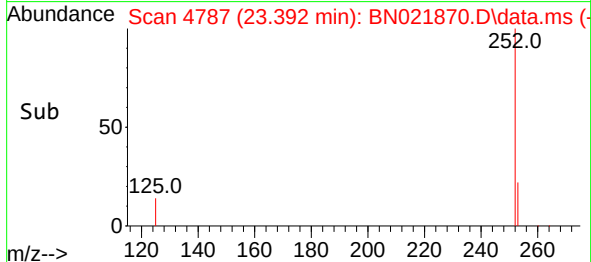
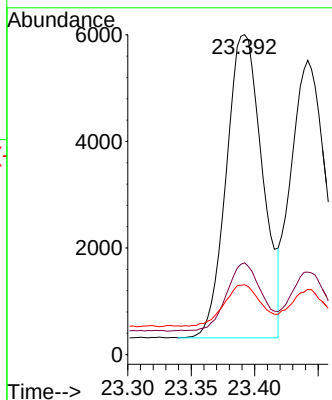
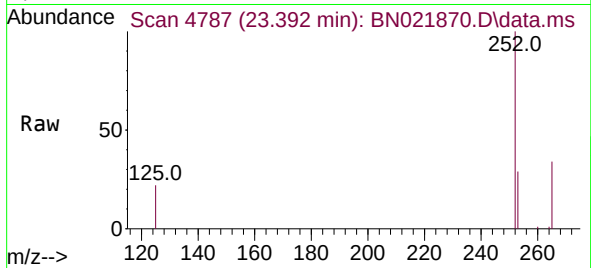




#24
Benzo(b)fluoranthene
Concen: 0.337 ng/ul
RT: 23.392 min Scan# 4787
Delta R.T. 0.012 min
Lab File: BN021870.D
Acq: 22 Sep 2022 18:36

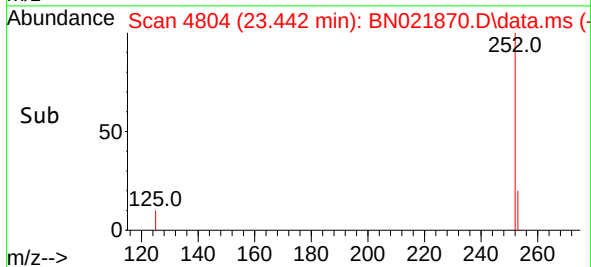
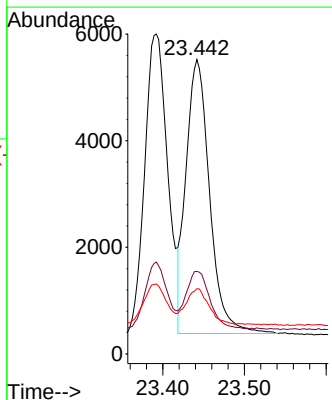
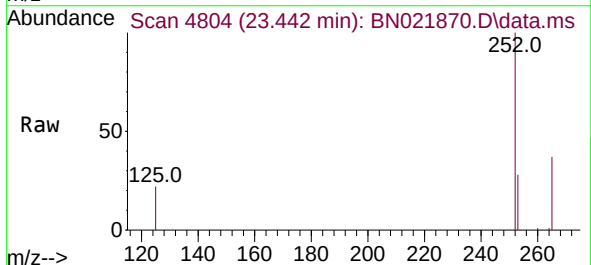
Instrument :
BNA_N
ClientSampleId :
SLCS813

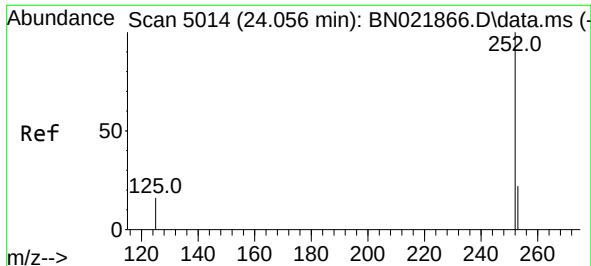
Tgt Ion:252 Resp: 11287
Ion Ratio Lower Upper
252 100
253 28.7 0.0 50.8
125 21.8 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.319 ng/ul
RT: 23.442 min Scan# 4804
Delta R.T. 0.012 min
Lab File: BN021870.D
Acq: 22 Sep 2022 18:36

Tgt Ion:252 Resp: 10329
Ion Ratio Lower Upper
252 100
253 28.0 20.6 31.0
125 22.2 11.8 17.6#

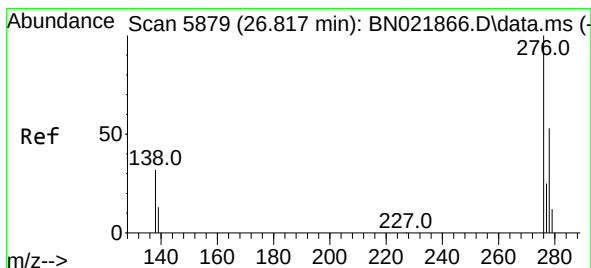
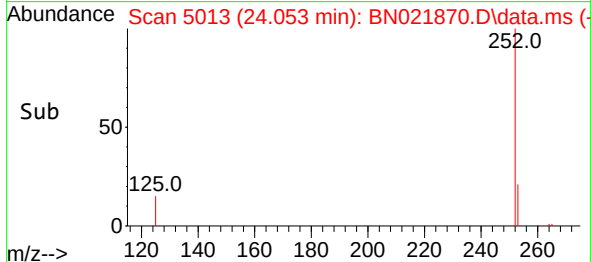
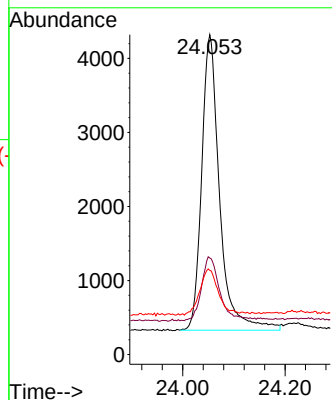
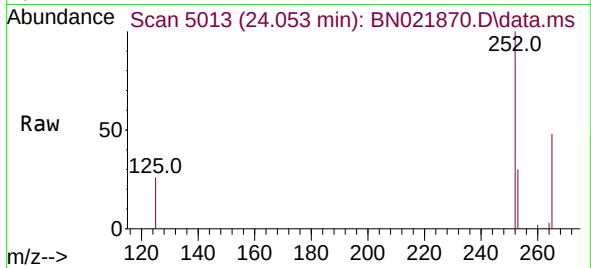




#26
Benzo(a)pyrene
Concen: 0.383 ng/ul
RT: 24.053 min Scan# 5014
Delta R.T. 0.012 min
Lab File: BN021870.D
Acq: 22 Sep 2022 18:36

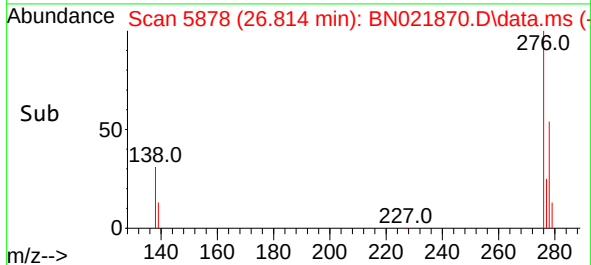
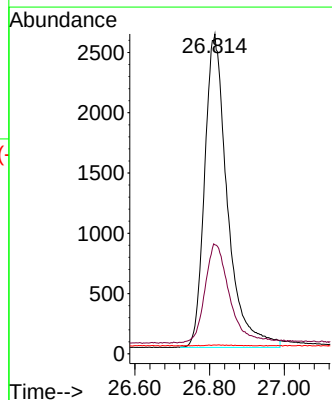
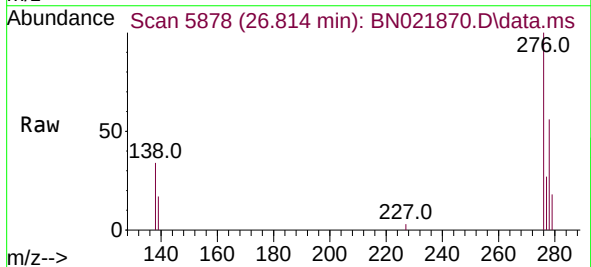
Instrument :
BNA_N
ClientSampleId :
SLCS813

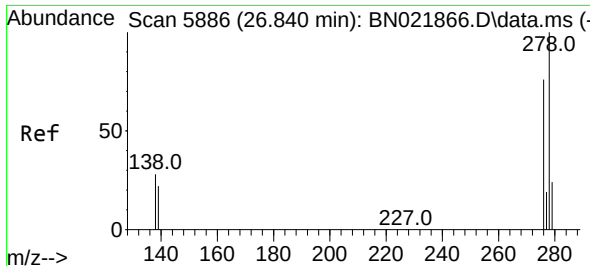
Tgt Ion:252 Resp: 9705
Ion Ratio Lower Upper
252 100
253 30.2 22.1 33.1
125 26.3 14.7 22.1#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.385 ng/ul
RT: 26.814 min Scan# 5878
Delta R.T. 0.023 min
Lab File: BN021870.D
Acq: 22 Sep 2022 18:36

Tgt Ion:276 Resp: 10966
Ion Ratio Lower Upper
276 100
138 34.2 26.1 39.1
227 0.2 0.1 0.1#

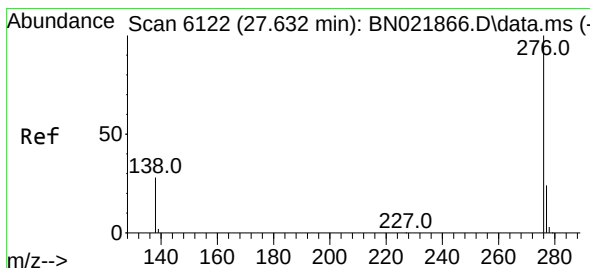
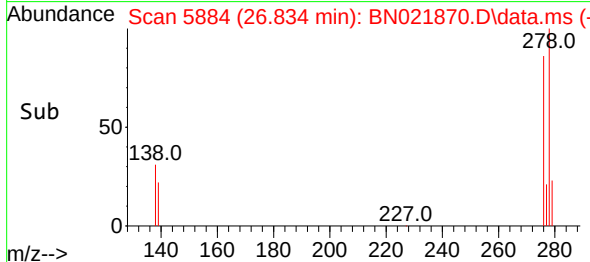
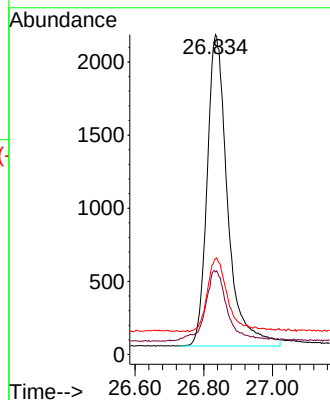
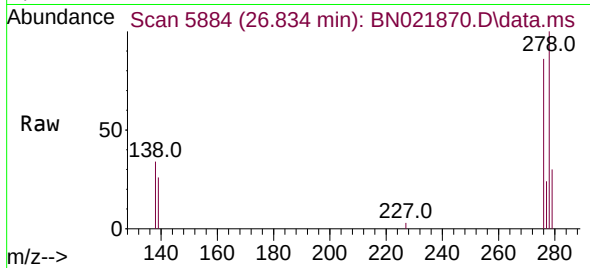




#28
Dibenzo(a,h)anthracene
Concen: 0.365 ng/ul
RT: 26.834 min Scan# 5886
Delta R.T. 0.017 min
Lab File: BN021870.D
Acq: 22 Sep 2022 18:36

Instrument :
BNA_N
ClientSampleId :
SLCS813

Tgt Ion: 278 Resp: 8833
Ion Ratio Lower Upper
278 100
139 25.8 18.3 27.5
279 30.0 23.9 35.9



#29
Benzo(g,h,i)perylene
Concen: 0.388 ng/ul
RT: 27.622 min Scan# 6119
Delta R.T. 0.013 min
Lab File: BN021870.D
Acq: 22 Sep 2022 18:36

Tgt Ion: 276 Resp: 10173
Ion Ratio Lower Upper
276 100
138 31.4 22.6 34.0
277 25.8 20.2 30.2

