

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082222\
 Data File : BN021308.D
 Acq On : 22 Aug 2022 20:02
 Operator : CG/JU
 Sample : PB147154BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS154

Quant Time: Aug 23 04:03:33 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN082222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 22 18:06:52 2022
 Response via : Initial Calibration

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

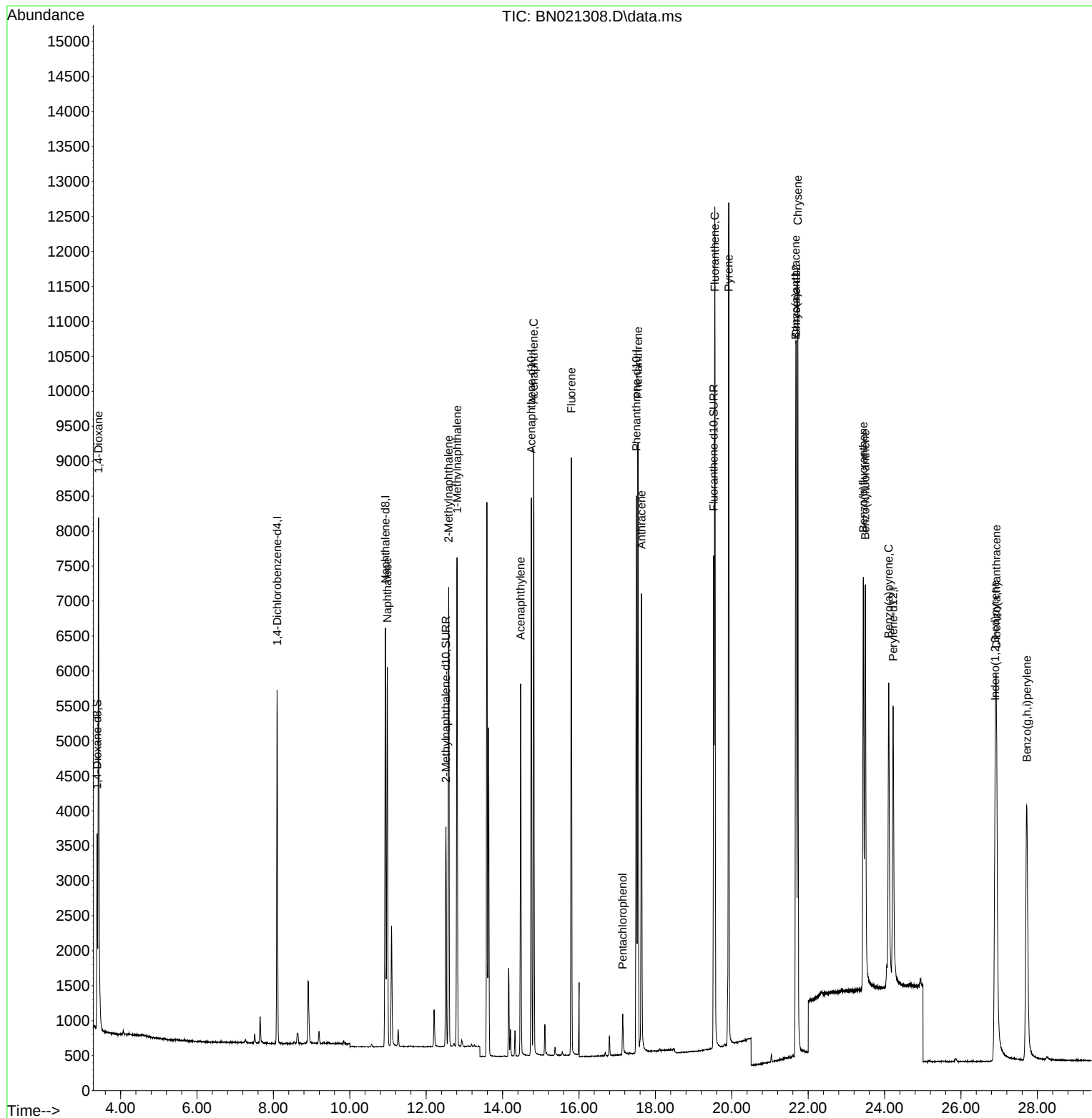
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.097	152	2560	0.400	ng/ul	0.00
4) Naphthalene-d8	10.933	136	8210	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.754	164	4406	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.502	188	9265	0.400	ng/ul	0.00
17) Chrysene-d12	21.688	240	7595	0.400	ng/ul	# 0.00
23) Perylene-d12	24.222	264	6200	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.384	96	2052	0.621	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.517	152	3958	0.319	ng/ul	0.00
18) Fluoranthene-d10	19.524	212	7527	0.322	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.422	88	5560	1.607	ng/ul#	88
5) Naphthalene	10.982	128	7409	0.285	ng/ul	98
7) 2-Methylnaphthalene	12.588	142	4661	0.287	ng/ul	98
8) 1-Methylnaphthalene	12.808	142	4879	0.320	ng/ul	99
10) Acenaphthylene	14.471	152	6191	0.272	ng/ul	99
11) Acenaphthene	14.814	153	4829	0.277	ng/ul	98
12) Fluorene	15.799	166	5440	0.280	ng/ul	100
14) Pentachlorophenol	17.143	266	477	0.466	ng/ul	98
15) Phenanthrene	17.544	178	9421	0.274	ng/ul	99
16) Anthracene	17.633	178	7410	0.269	ng/ul	100
19) Fluoranthene	19.557	202	10116	0.281	ng/ul	99
20) Pyrene	19.919	202	10109	0.281	ng/ul	97
21) Benzo(a)anthracene	21.673	228	7721	0.293	ng/ul	99
22) Chrysene	21.726	228	9988	0.295	ng/ul	99
24) Benzo(b)fluoranthene	23.445	252	8657	0.325	ng/ul	97
25) Benzo(k)fluoranthene	23.494	252	9099	0.317	ng/ul#	96
26) Benzo(a)pyrene	24.108	252	7703	0.307	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.894	276	9467	0.321	ng/ul#	42
28) Dibenzo(a,h)anthracene	26.924	278	7753	0.320	ng/ul	95
29) Benzo(g,h,i)perylene	27.723	276	9233	0.316	ng/ul	98

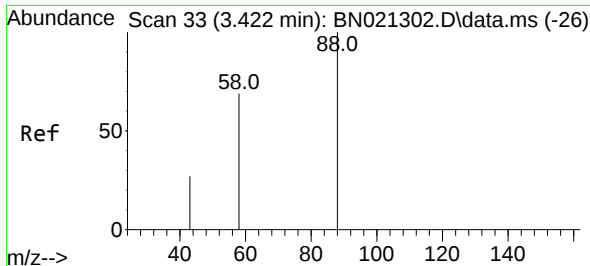
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 1.607 ng/ul

RT: 3.422 min Scan# 31

Delta R.T. 0.000 min

Lab File: BN021308.D

Acq: 22 Aug 2022 20:02

Instrument :

BNA_N

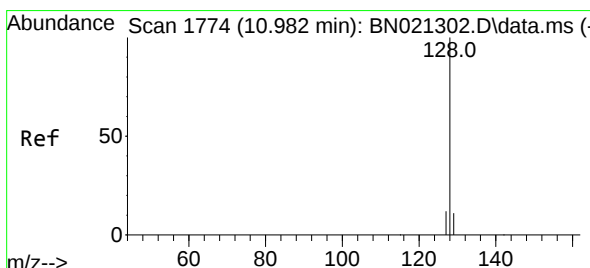
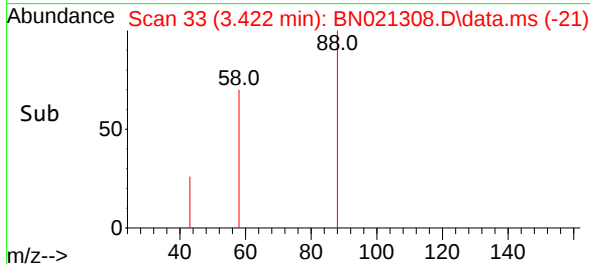
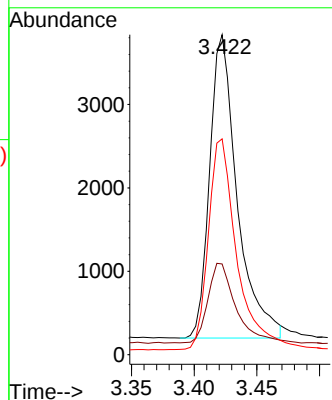
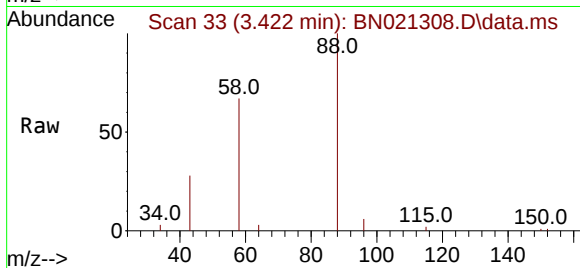
ClientSampleId :

SLCS154

Tgt Ion: 88 Resp: 5560

Ion Ratio Lower Upper

88	100		
43	28.3	31.4	47.0#
58	67.4	49.0	73.6



#5

Naphthalene

Concen: 0.285 ng/ul

RT: 10.982 min Scan# 1774

Delta R.T. 0.000 min

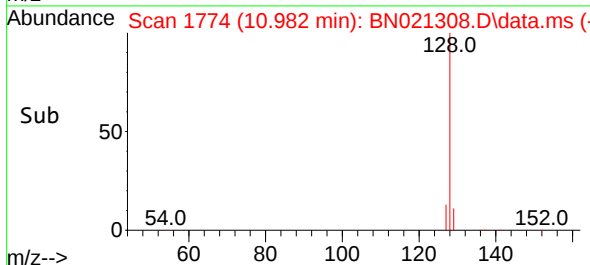
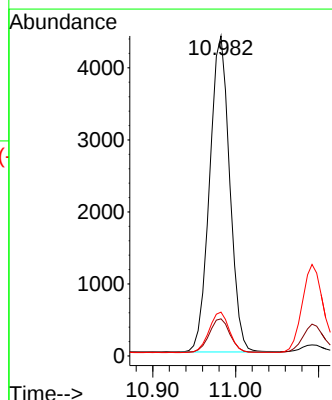
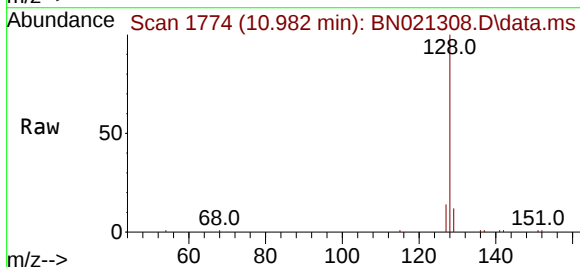
Lab File: BN021308.D

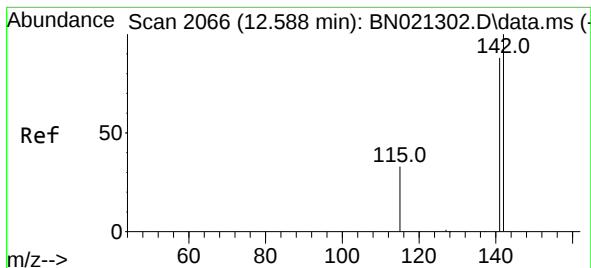
Acq: 22 Aug 2022 20:02

Tgt Ion: 128 Resp: 7409

Ion Ratio Lower Upper

128	100		
129	11.6	9.8	14.6
127	13.7	11.6	17.4





#7

2-Methylnaphthalene

Concen: 0.287 ng/ul

RT: 12.588 min Scan# 2066

Delta R.T. 0.000 min

Lab File: BN021308.D

Acq: 22 Aug 2022 20:02

Instrument :

BNA_N

ClientSampleId :

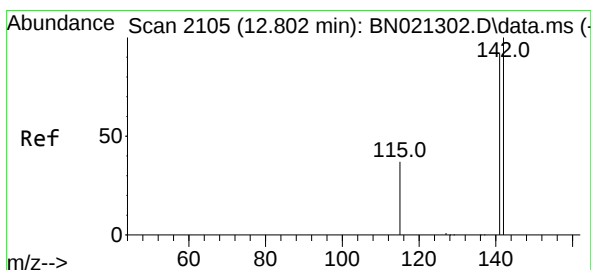
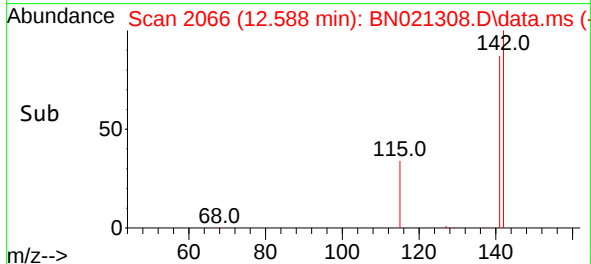
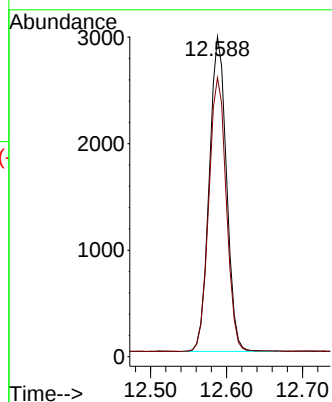
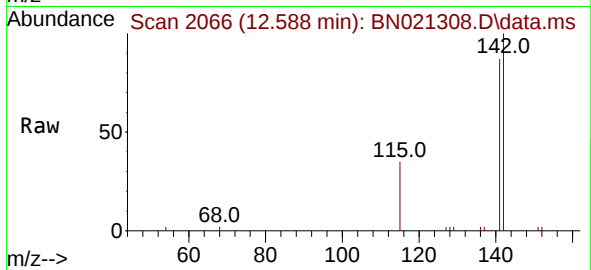
SLCS154

Tgt Ion:142 Resp: 4661

Ion Ratio Lower Upper

142 100

141 88.4 72.2 108.2



#8

1-Methylnaphthalene

Concen: 0.320 ng/ul

RT: 12.808 min Scan# 2106

Delta R.T. 0.006 min

Lab File: BN021308.D

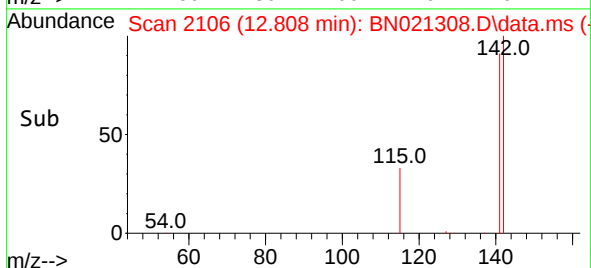
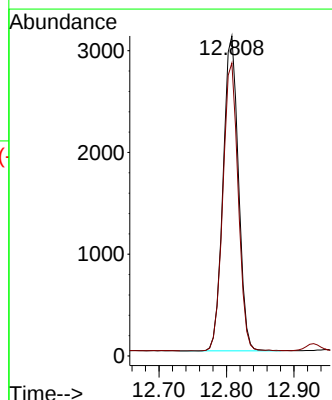
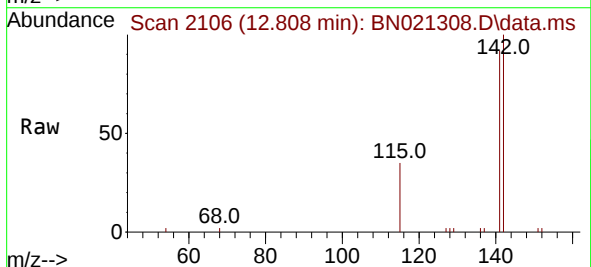
Acq: 22 Aug 2022 20:02

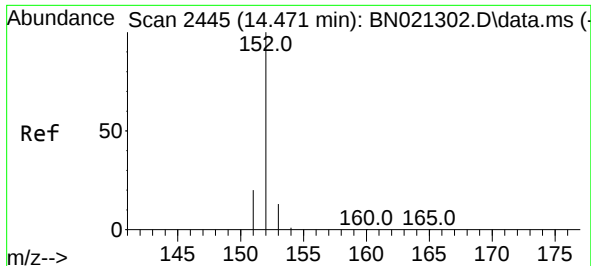
Tgt Ion:142 Resp: 4879

Ion Ratio Lower Upper

142 100

141 91.4 73.9 110.9

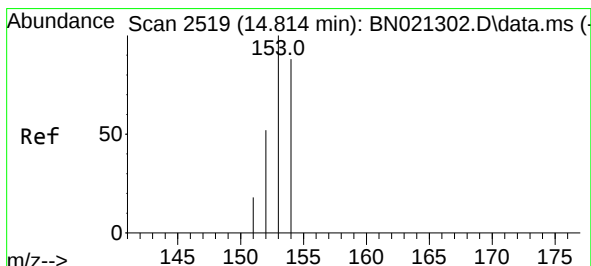
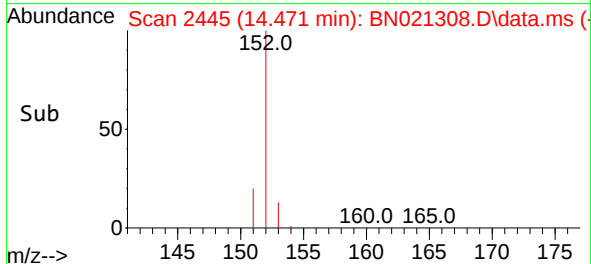
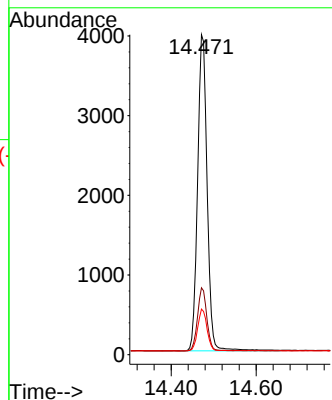
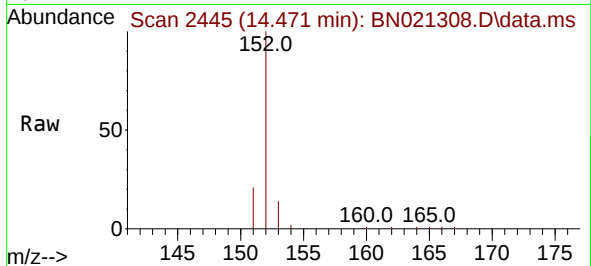




#10
Acenaphthylene
Concen: 0.272 ng/ul
RT: 14.471 min Scan# 2445
Delta R.T. 0.000 min
Lab File: BN021308.D
Acq: 22 Aug 2022 20:02

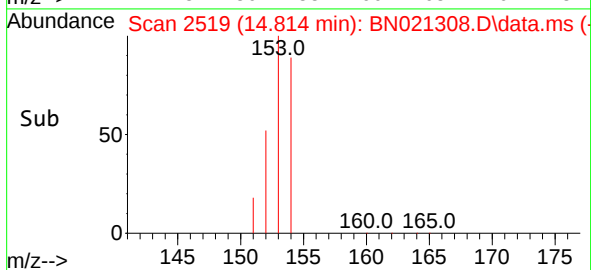
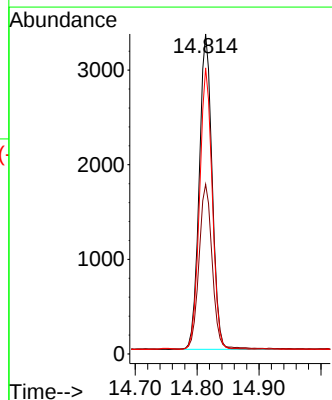
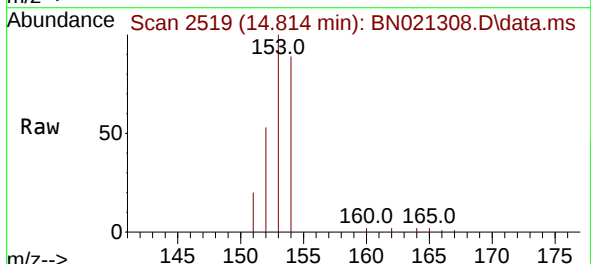
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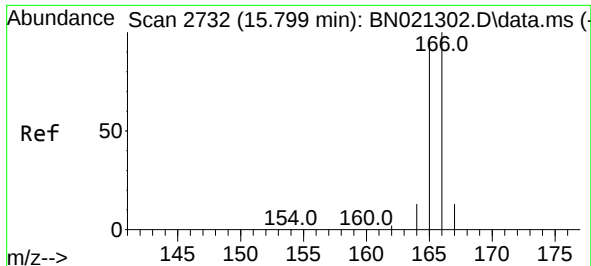
Tgt Ion:152 Resp: 6191
Ion Ratio Lower Upper
152 100
151 20.9 16.9 25.3
153 14.2 11.2 16.8



#11
Acenaphthene
Concen: 0.277 ng/ul
RT: 14.814 min Scan# 2519
Delta R.T. 0.000 min
Lab File: BN021308.D
Acq: 22 Aug 2022 20:02

Tgt Ion:153 Resp: 4829
Ion Ratio Lower Upper
153 100
152 53.0 40.2 60.4
154 89.4 70.7 106.1

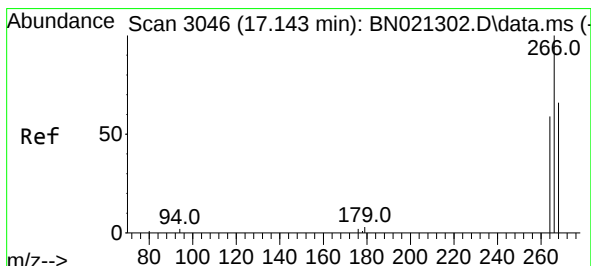
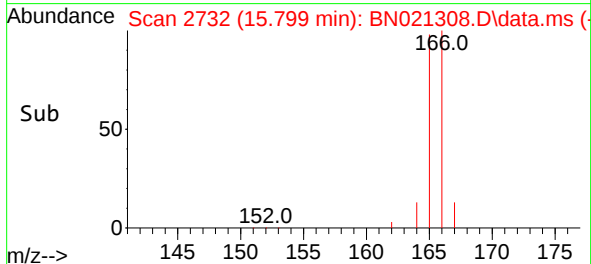
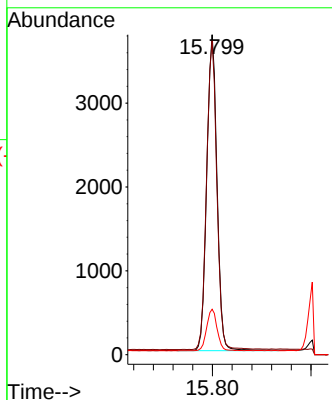
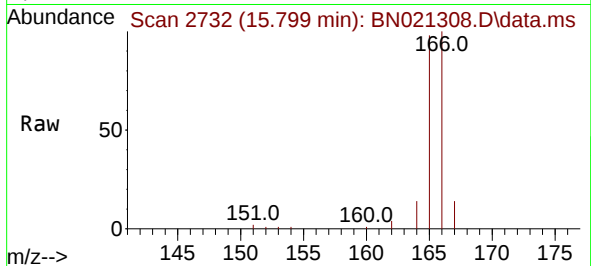




#12
Fluorene
Concen: 0.280 ng/ul
RT: 15.799 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN021308.D
Acq: 22 Aug 2022 20:02

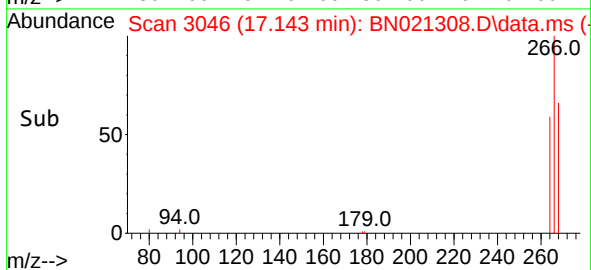
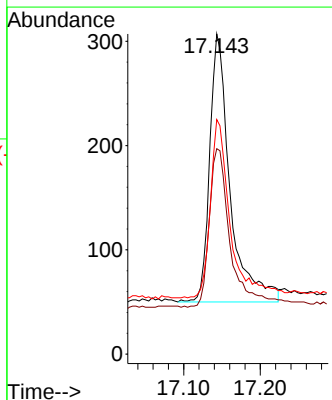
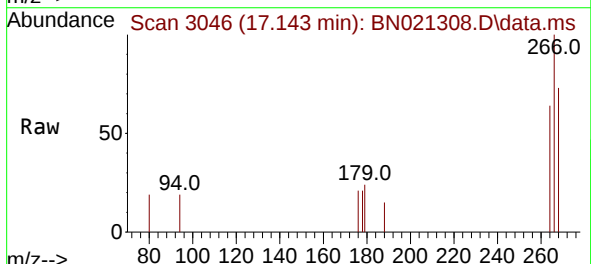
Instrument :
BNA_N
ClientSampleId :
SLCS154

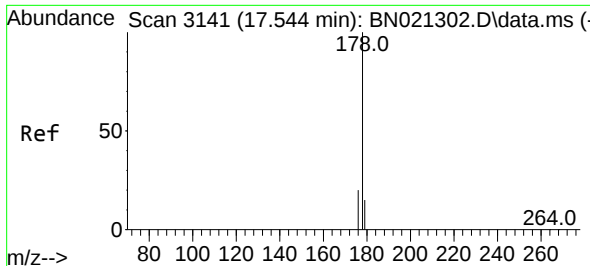
Tgt Ion:166 Resp: 5440
Ion Ratio Lower Upper
166 100
165 98.1 78.6 117.8
167 14.2 11.8 17.6



#14
Pentachlorophenol
Concen: 0.466 ng/ul
RT: 17.143 min Scan# 3046
Delta R.T. 0.000 min
Lab File: BN021308.D
Acq: 22 Aug 2022 20:02

Tgt Ion:266 Resp: 477
Ion Ratio Lower Upper
266 100
264 61.0 49.8 74.8
268 64.8 50.6 75.8

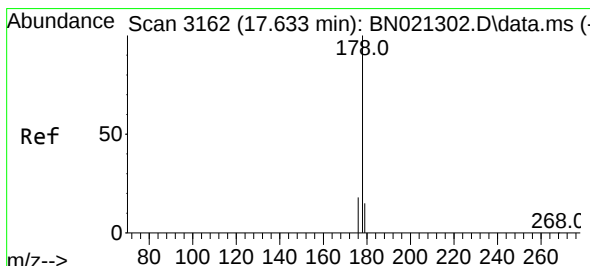
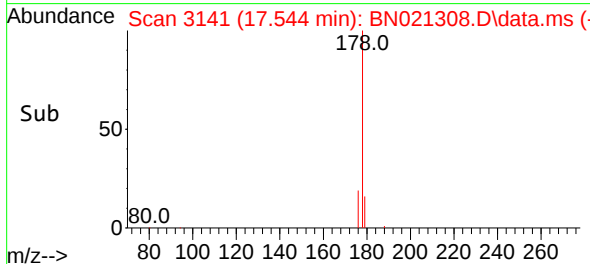
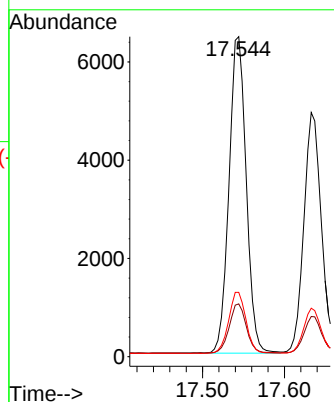
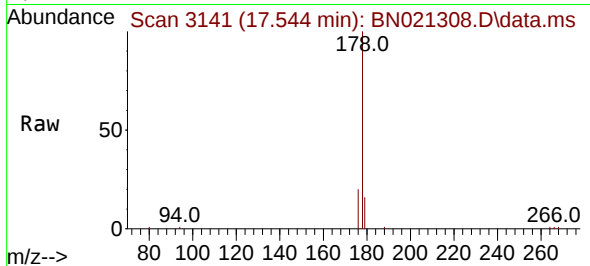




#15
Phenanthrene
Concen: 0.274 ng/ul
RT: 17.544 min Scan# 3141
Delta R.T. 0.000 min
Lab File: BN021308.D
Acq: 22 Aug 2022 20:02

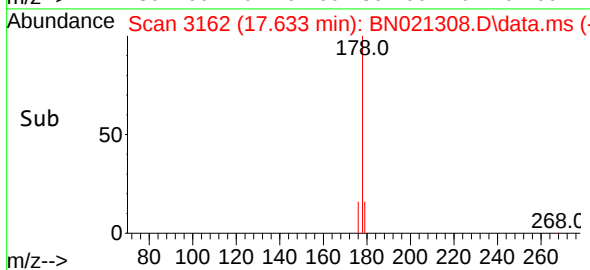
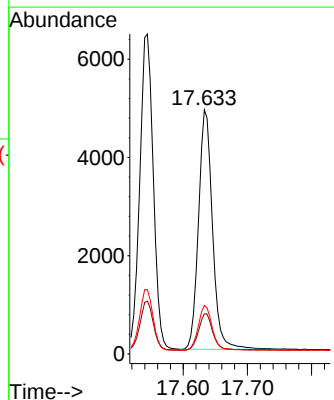
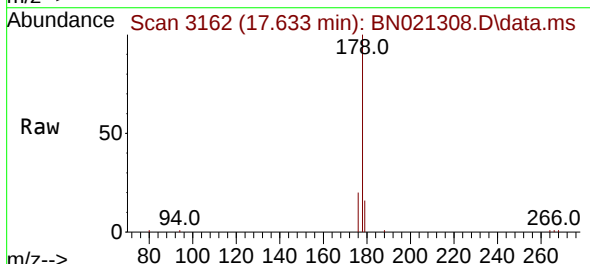
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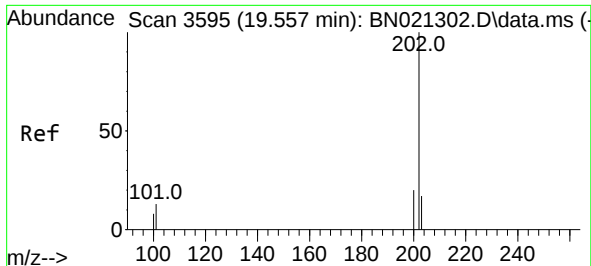
Tgt Ion:	178	Resp:	9421
Ion Ratio	Lower	Upper	
178	100		
179	16.5	12.8	19.2
176	20.1	15.9	23.9



#16
Anthracene
Concen: 0.269 ng/ul
RT: 17.633 min Scan# 3162
Delta R.T. 0.000 min
Lab File: BN021308.D
Acq: 22 Aug 2022 20:02

Tgt Ion:	178	Resp:	7410
Ion Ratio	Lower	Upper	
178	100		
179	16.5	12.9	19.3
176	19.9	15.9	23.9

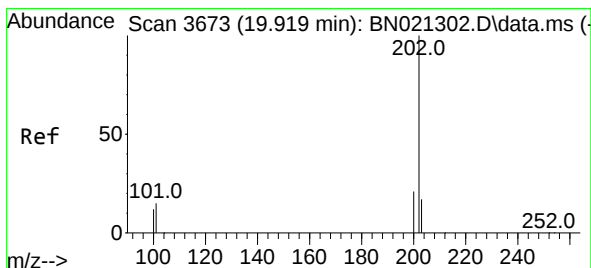
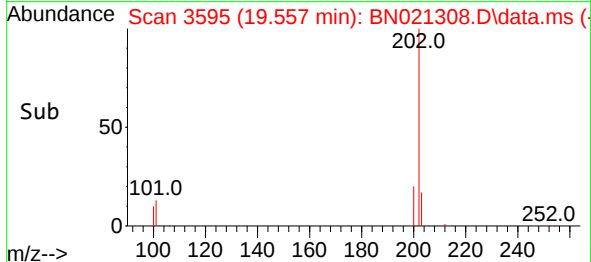
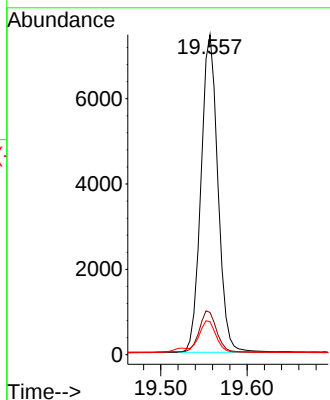
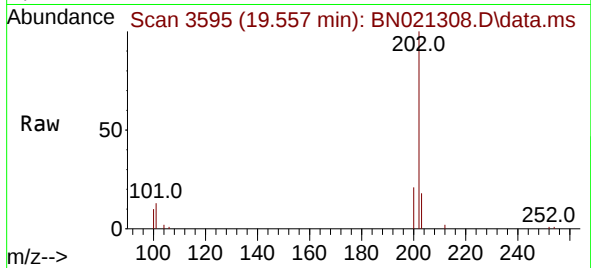




#19
Fluoranthene
Concen: 0.281 ng/ul
RT: 19.557 min Scan# 3595
Delta R.T. 0.000 min
Lab File: BN021308.D
Acq: 22 Aug 2022 20:02

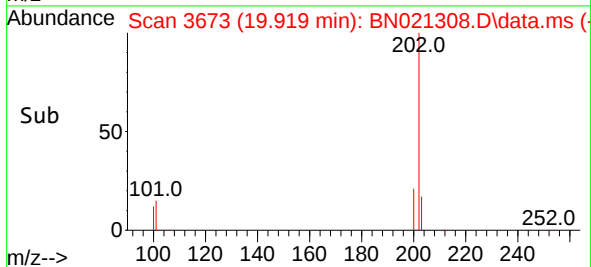
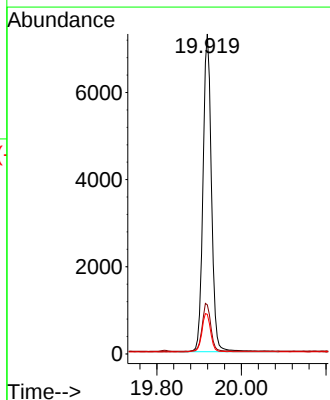
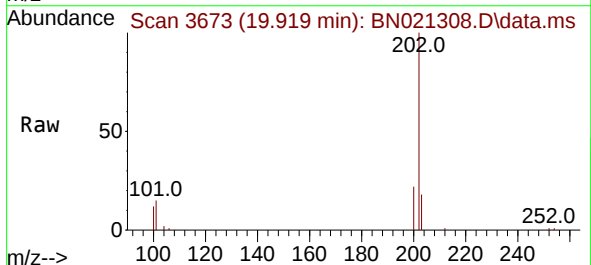
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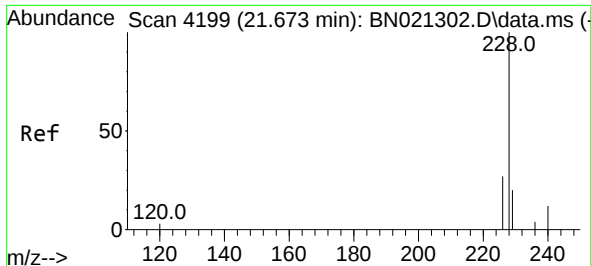
Tgt Ion:202 Resp: 10116
Ion Ratio Lower Upper
202 100
101 13.2 10.0 15.0
100 10.3 8.0 12.0



#20
Pyrene
Concen: 0.281 ng/ul
RT: 19.919 min Scan# 3673
Delta R.T. 0.000 min
Lab File: BN021308.D
Acq: 22 Aug 2022 20:02

Tgt Ion:202 Resp: 10109
Ion Ratio Lower Upper
202 100
101 15.4 11.3 16.9
100 12.4 9.0 13.4

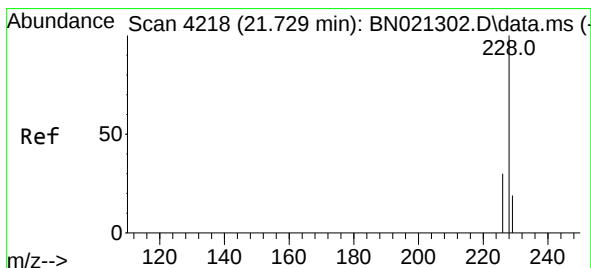
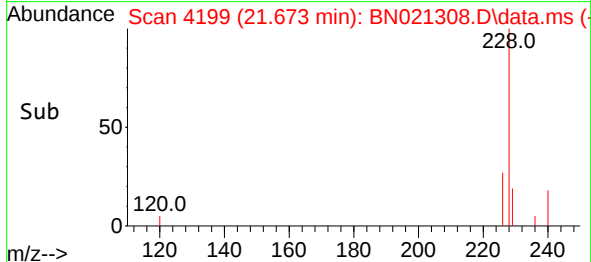
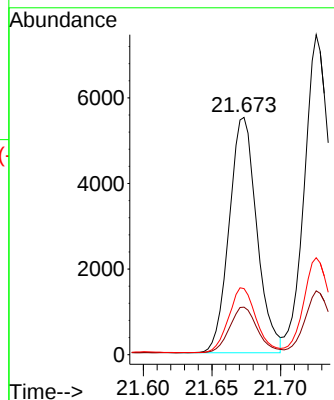
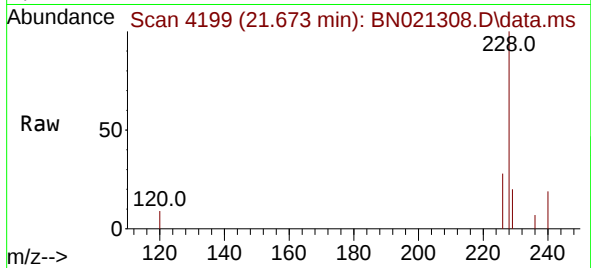




#21
Benzo(a)anthracene
Concen: 0.293 ng/ul
RT: 21.673 min Scan# 4199
Delta R.T. 0.000 min
Lab File: BN021308.D
Acq: 22 Aug 2022 20:02

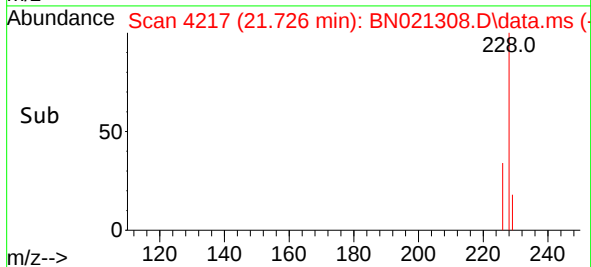
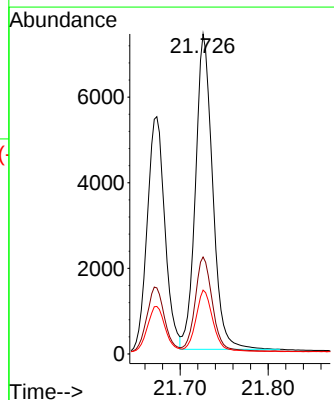
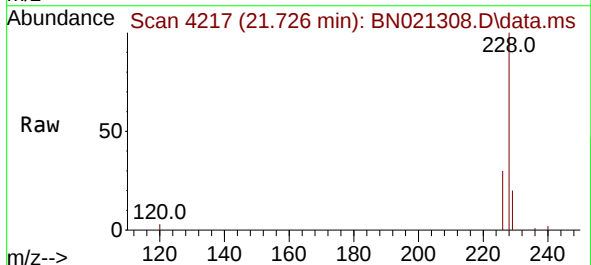
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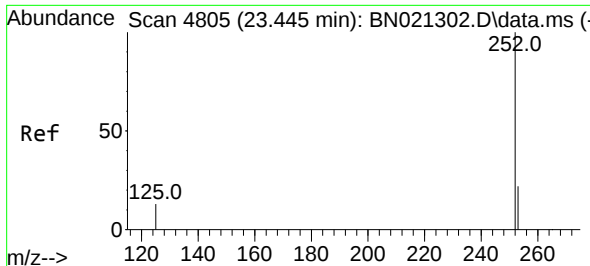
Tgt Ion:228 Resp: 7721
Ion Ratio Lower Upper
228 100
229 20.0 16.0 24.0
226 27.9 21.9 32.9



#22
Chrysene
Concen: 0.295 ng/ul
RT: 21.726 min Scan# 4217
Delta R.T. -0.003 min
Lab File: BN021308.D
Acq: 22 Aug 2022 20:02

Tgt Ion:228 Resp: 9988
Ion Ratio Lower Upper
228 100
226 30.3 24.6 37.0
229 20.0 15.8 23.8

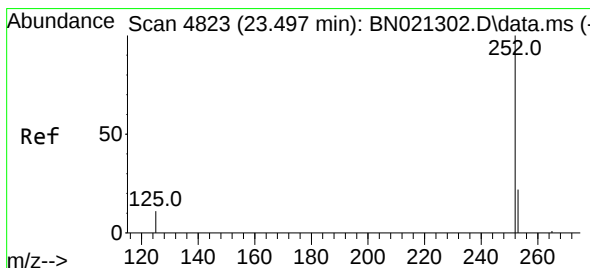
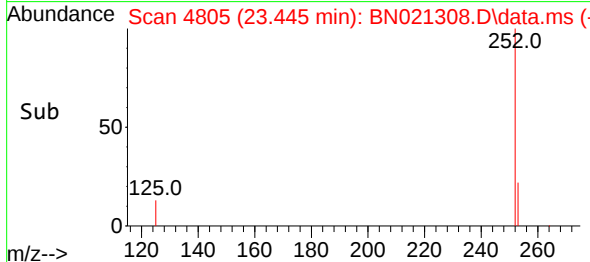
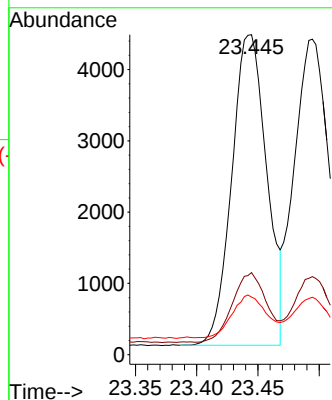
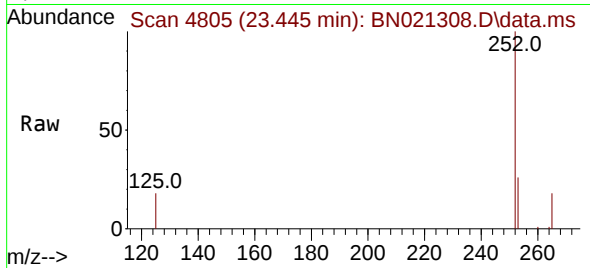




#24
Benzo(b)fluoranthene
Concen: 0.325 ng/ul
RT: 23.445 min Scan# 4805
Delta R.T. 0.000 min
Lab File: BN021308.D
Acq: 22 Aug 2022 20:02

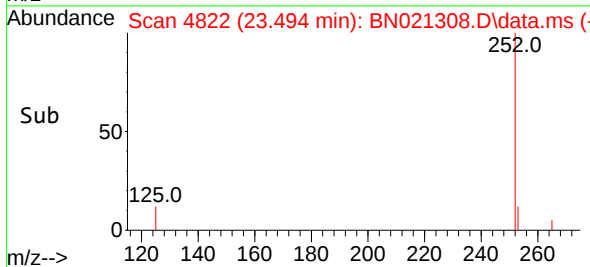
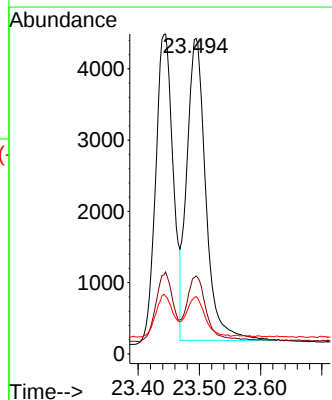
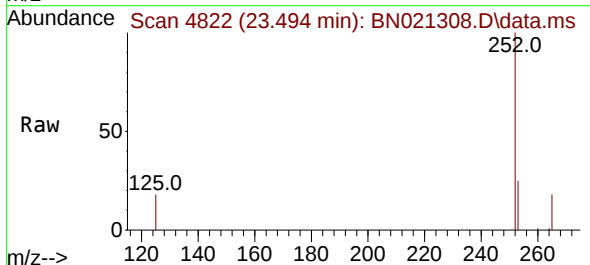
Instrument :
BNA_N
ClientSampleId :
SLCS154

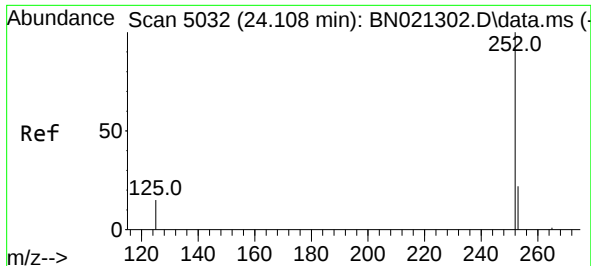
Tgt Ion:252 Resp: 8657
Ion Ratio Lower Upper
252 100
253 25.6 0.0 50.8
125 18.0 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.317 ng/ul
RT: 23.494 min Scan# 4822
Delta R.T. -0.003 min
Lab File: BN021308.D
Acq: 22 Aug 2022 20:02

Tgt Ion:252 Resp: 9099
Ion Ratio Lower Upper
252 100
253 24.8 20.6 31.0
125 18.2 11.8 17.6#

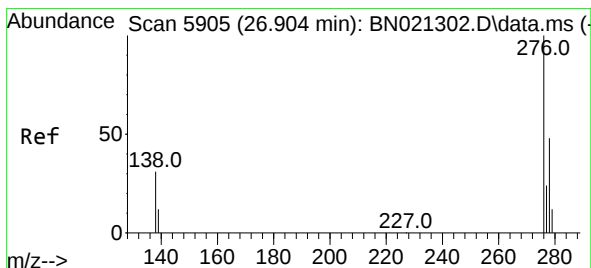
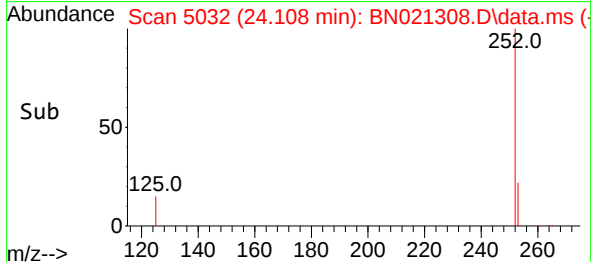
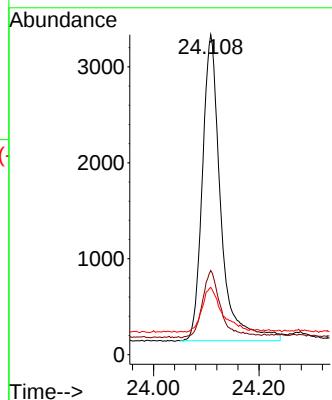
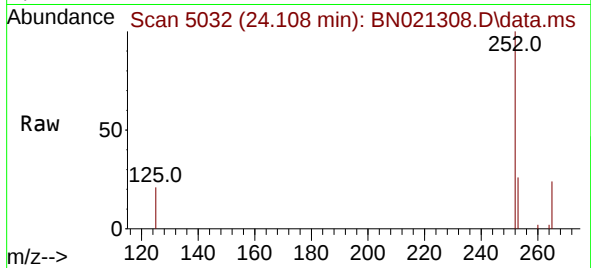




#26
Benzo(a)pyrene
Concen: 0.307 ng/ul
RT: 24.108 min Scan# 5032
Delta R.T. 0.000 min
Lab File: BN021308.D
Acq: 22 Aug 2022 20:02

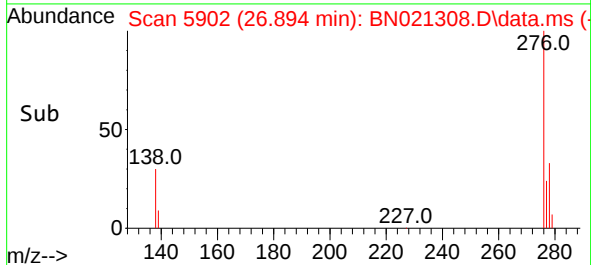
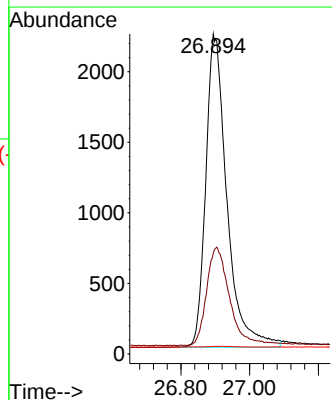
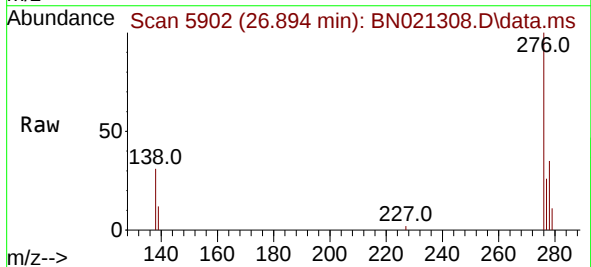
Instrument :
BNA_N
ClientSampleId :
SLCS154

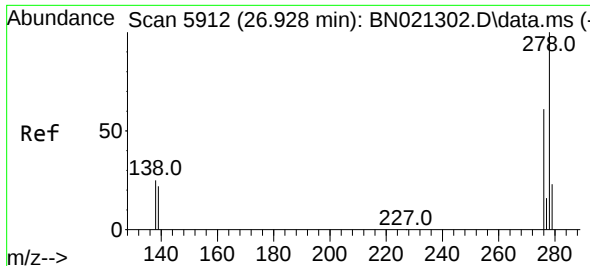
Tgt Ion:252 Resp: 7703
Ion Ratio Lower Upper
252 100
253 26.3 22.1 33.1
125 21.0 14.7 22.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.321 ng/ul
RT: 26.894 min Scan# 5902
Delta R.T. -0.010 min
Lab File: BN021308.D
Acq: 22 Aug 2022 20:02

Tgt Ion:276 Resp: 9467
Ion Ratio Lower Upper
276 100
138 0.0 26.1 39.1#
227 0.1 0.1 0.1#

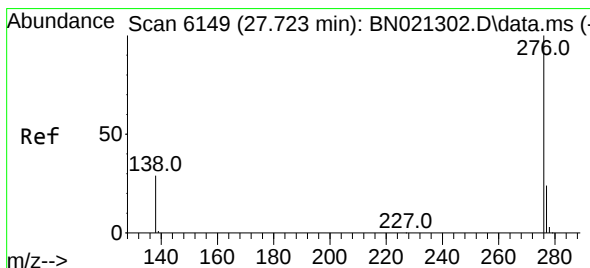
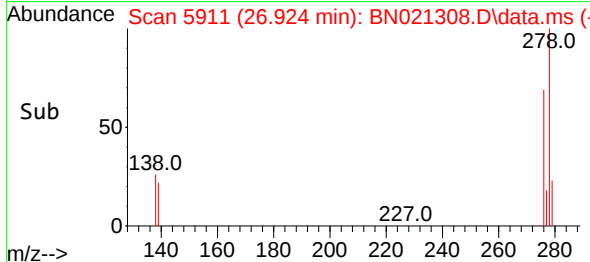
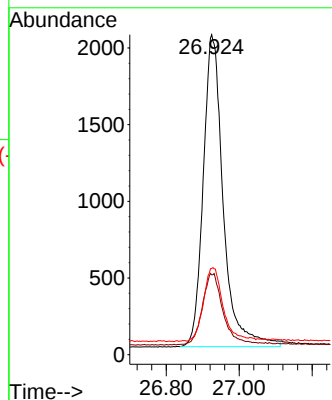
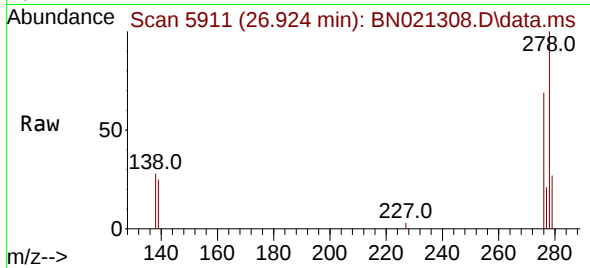




#28
Dibenzo(a,h)anthracene
Concen: 0.320 ng/ul
RT: 26.924 min Scan# 5911
Delta R.T. -0.003 min
Lab File: BN021308.D
Acq: 22 Aug 2022 20:02

Instrument :
BNA_N
ClientSampleId :
SLCS154

Tgt Ion:278 Resp: 7753
Ion Ratio Lower Upper
278 100
139 24.9 18.3 27.5
279 26.9 23.9 35.9



#29
Benzo(g,h,i)perylene
Concen: 0.316 ng/ul
RT: 27.723 min Scan# 6149
Delta R.T. 0.000 min
Lab File: BN021308.D
Acq: 22 Aug 2022 20:02

Tgt Ion:276 Resp: 9233
Ion Ratio Lower Upper
276 100
138 30.5 22.6 34.0
277 25.3 20.2 30.2

