

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091922\
 Data File : BN021832.D
 Acq On : 20 Sep 2022 10:36
 Operator : CG/JU
 Sample : PB147684BS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS684

Quant Time: Sep 21 04:23:36 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)

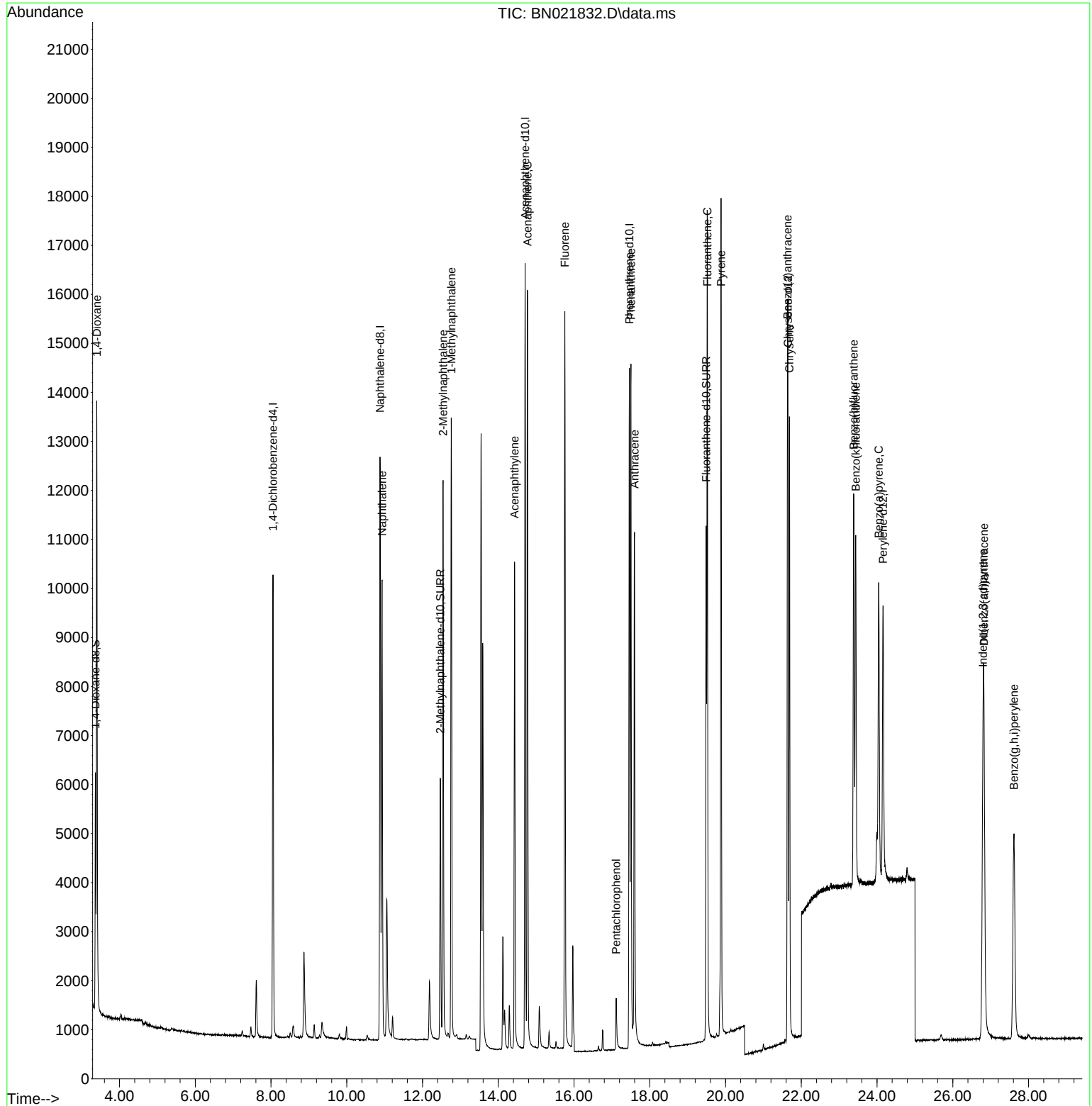
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	5035	0.400	ng/ul	0.00
4) Naphthalene-d8	10.878	136	16840	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.707	164	9190	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.460	188	17042	0.400	ng/ul	0.00
17) Chrysene-d12	21.650	240	10349	0.400	ng/ul	# 0.00
23) Perylene-d12	24.155	264	8502	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	3183	0.514	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.467	152	7588	0.285	ng/ul	0.00
18) Fluoranthene-d10	19.487	212	11838	0.307	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.397	88	9047	1.424	ng/ul#	86
5) Naphthalene	10.933	128	13700	0.289	ng/ul	98
7) 2-Methylnaphthalene	12.544	142	8793	0.285	ng/ul	98
8) 1-Methylnaphthalene	12.759	142	9140	0.289	ng/ul	99
10) Acenaphthylene	14.430	152	11821	0.306	ng/ul	99
11) Acenaphthene	14.768	153	9289	0.284	ng/ul	99
12) Fluorene	15.758	166	10338	0.282	ng/ul	99
14) Pentachlorophenol	17.114	266	938	0.284	ng/ul	99
15) Phenanthrene	17.502	178	15546	0.289	ng/ul	100
16) Anthracene	17.595	178	13093	0.293	ng/ul	99
19) Fluoranthene	19.520	202	14956	0.310	ng/ul	98
20) Pyrene	19.882	202	14861	0.312	ng/ul	96
21) Benzo(a)anthracene	21.632	228	11071	0.319	ng/ul	99
22) Chrysene	21.688	228	11688	0.309	ng/ul	99
24) Benzo(b)fluoranthene	23.383	252	11146	0.270	ng/ul	88
25) Benzo(k)fluoranthene	23.436	252	10458	0.262	ng/ul#	88
26) Benzo(a)pyrene	24.044	252	10073	0.322	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.797	276	11604	0.330	ng/ul#	42
28) Dibenzo(a,h)anthracene	26.821	278	9556	0.320	ng/ul	97
29) Benzo(g,h,i)perylene	27.616	276	10202	0.315	ng/ul	95

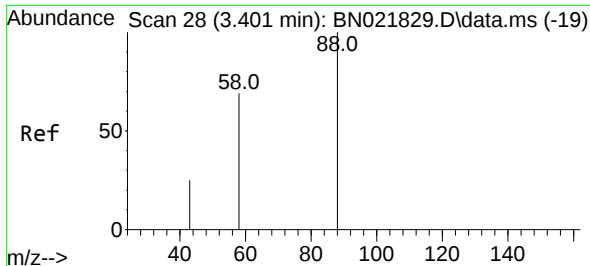
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 21 04:23:36 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

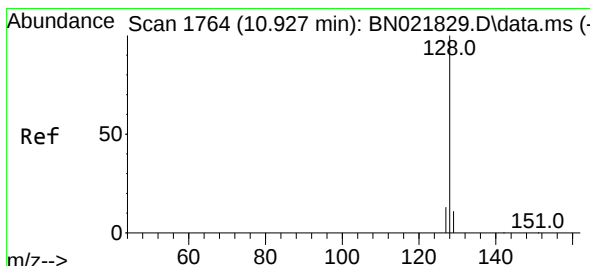
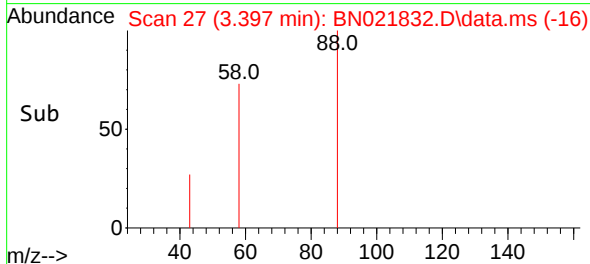
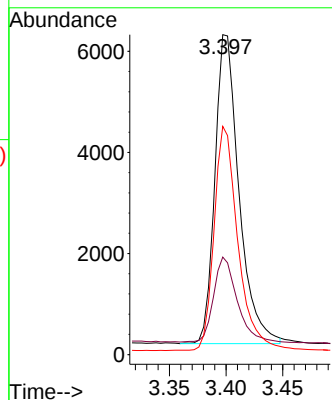
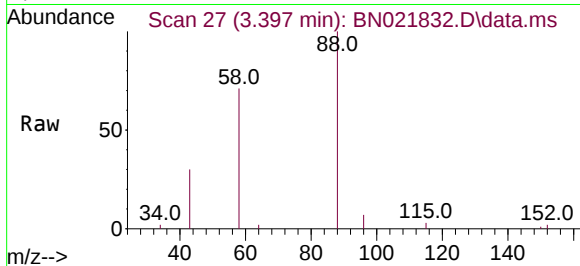




#2
1,4-Dioxane
Concen: 1.424 ng/ul
RT: 3.397 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN021832.D
Acq: 20 Sep 2022 10:36

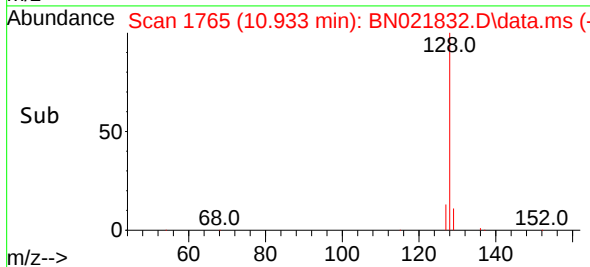
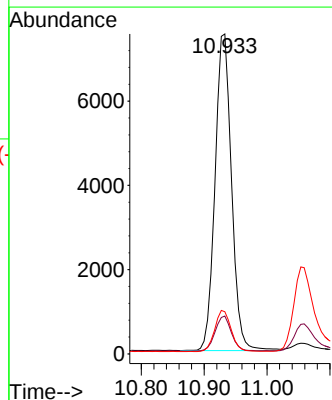
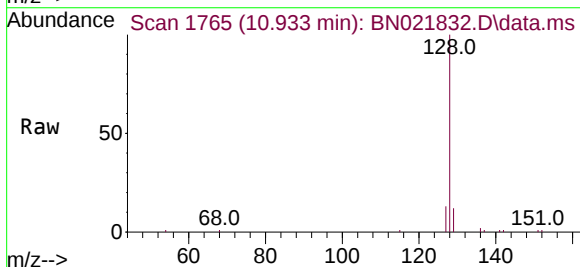
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ClientSampleId :
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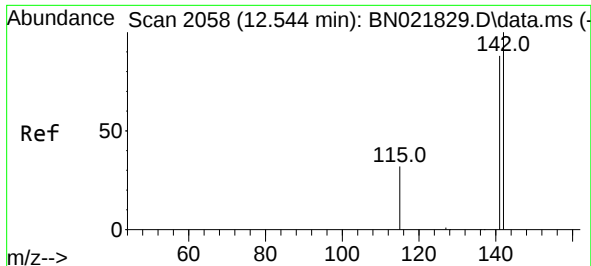
Tgt Ion: 88 Resp: 9047
Ion Ratio Lower Upper
88 100
43 30.5 31.4 47.0#
58 71.3 49.0 73.6



#5
Naphthalene
Concen: 0.289 ng/ul
RT: 10.933 min Scan# 1765
Delta R.T. -0.000 min
Lab File: BN021832.D
Acq: 20 Sep 2022 10:36

Tgt Ion:128 Resp: 13700
Ion Ratio Lower Upper
128 100
129 11.8 9.8 14.6
127 13.2 11.6 17.4

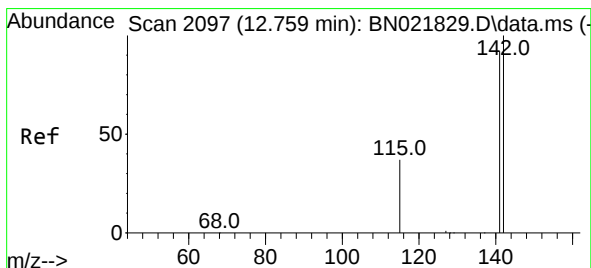
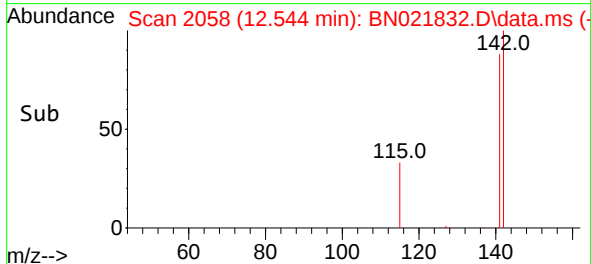
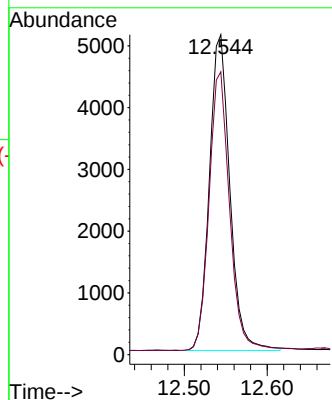
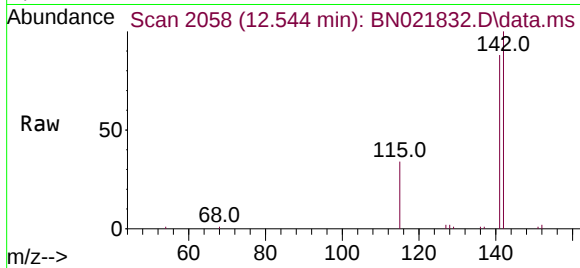




#7
2-Methylnaphthalene
Concen: 0.285 ng/ul
RT: 12.544 min Scan# 2058
Delta R.T. -0.000 min
Lab File: BN021832.D
Acq: 20 Sep 2022 10:36

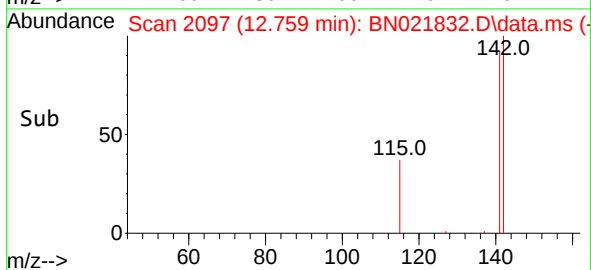
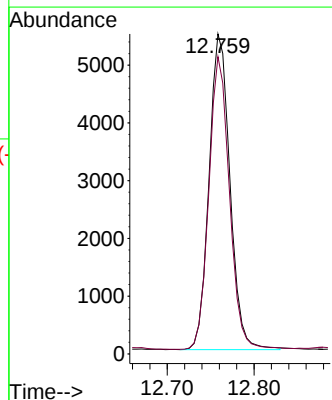
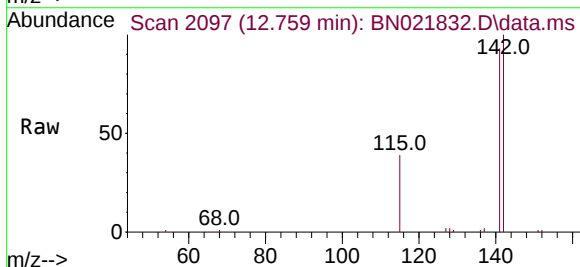
Instrument :
BNA_N
ClientSampleId :
SLCS684

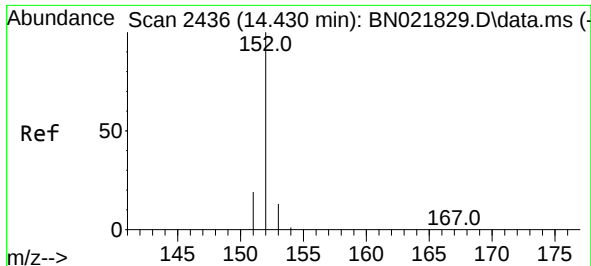
Tgt Ion:142 Resp: 8793
Ion Ratio Lower Upper
142 100
141 88.4 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.289 ng/ul
RT: 12.759 min Scan# 2097
Delta R.T. -0.000 min
Lab File: BN021832.D
Acq: 20 Sep 2022 10:36

Tgt Ion:142 Resp: 9140
Ion Ratio Lower Upper
142 100
141 91.4 73.9 110.9

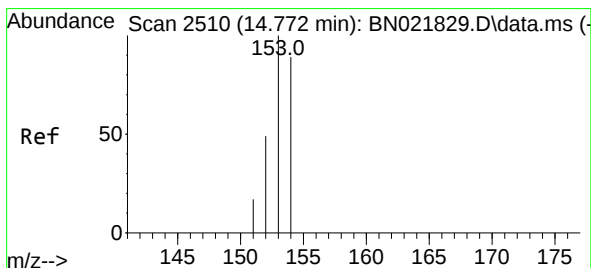
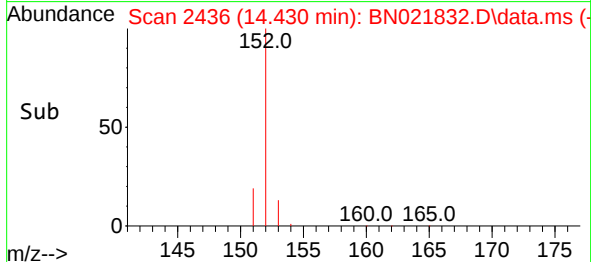
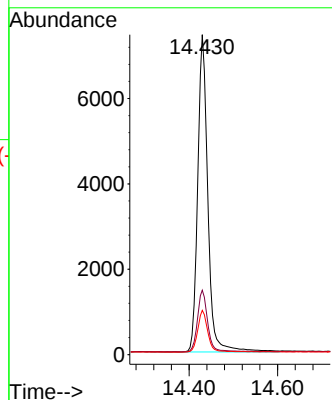
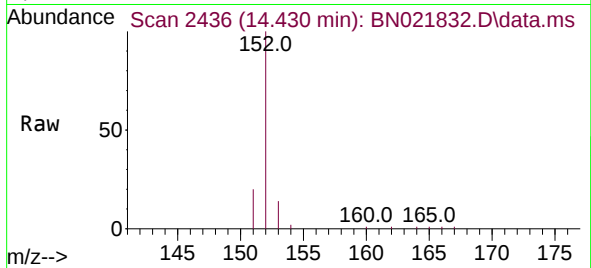




#10
Acenaphthylene
Concen: 0.306 ng/ul
RT: 14.430 min Scan# 2436
Delta R.T. -0.000 min
Lab File: BN021832.D
Acq: 20 Sep 2022 10:36

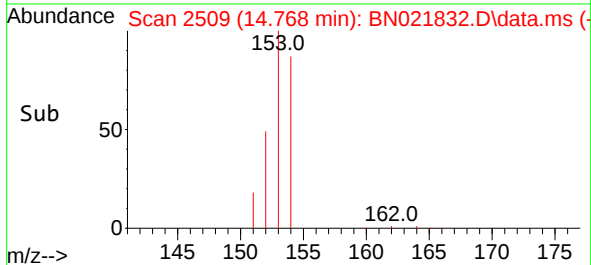
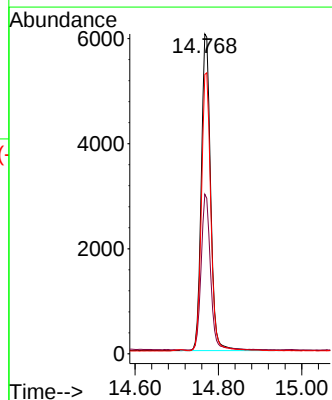
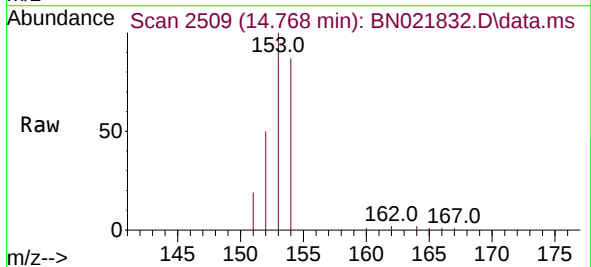
Instrument :
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ClientSampleId :
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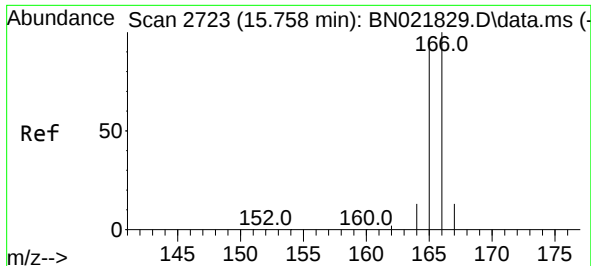
Tgt Ion:152 Resp: 11821
Ion Ratio Lower Upper
152 100
151 20.1 16.9 25.3
153 13.8 11.2 16.8



#11
Acenaphthene
Concen: 0.284 ng/ul
RT: 14.768 min Scan# 2509
Delta R.T. -0.005 min
Lab File: BN021832.D
Acq: 20 Sep 2022 10:36

Tgt Ion:153 Resp: 9289
Ion Ratio Lower Upper
153 100
152 49.9 40.2 60.4
154 87.3 70.7 106.1

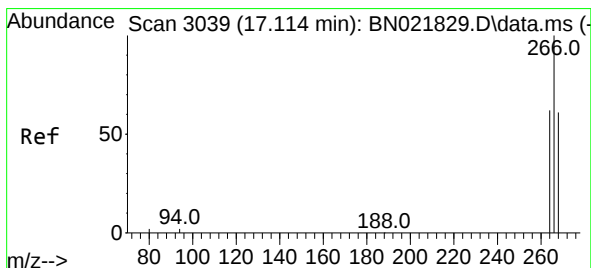
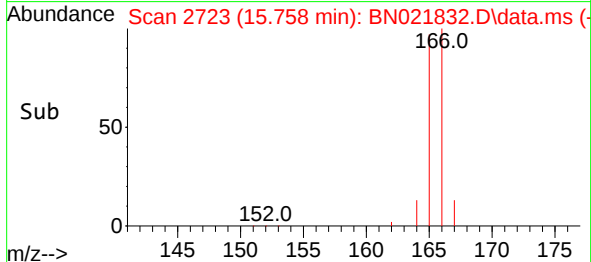
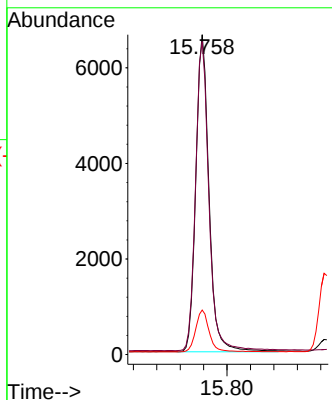
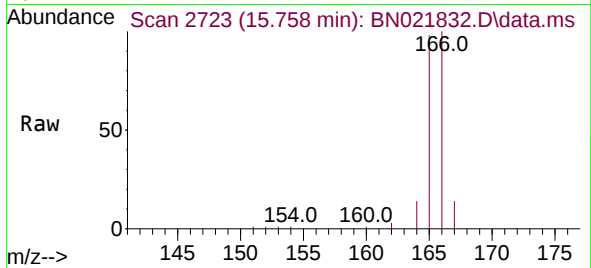




#12
Fluorene
Concen: 0.282 ng/ul
RT: 15.758 min Scan# 2723
Delta R.T. -0.000 min
Lab File: BN021832.D
Acq: 20 Sep 2022 10:36

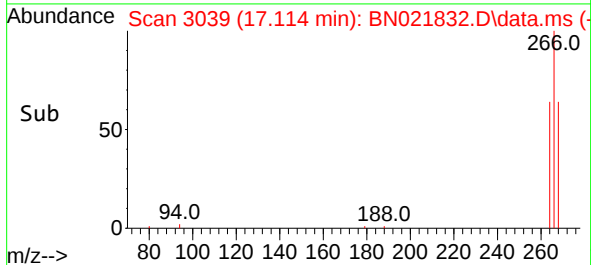
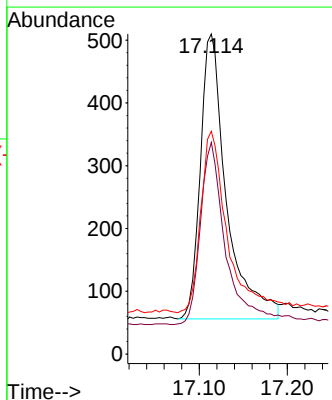
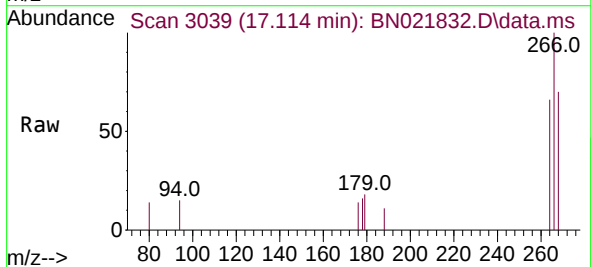
Instrument :
BNA_N
ClientSampleId :
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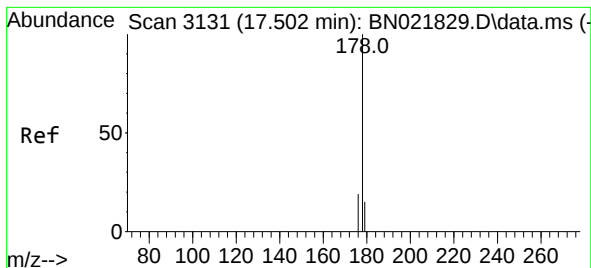
Tgt Ion:166 Resp: 10338
Ion Ratio Lower Upper
166 100
165 97.8 78.6 117.8
167 13.9 11.8 17.6



#14
Pentachlorophenol
Concen: 0.284 ng/ul
RT: 17.114 min Scan# 3039
Delta R.T. 0.004 min
Lab File: BN021832.D
Acq: 20 Sep 2022 10:36

Tgt Ion:266 Resp: 938
Ion Ratio Lower Upper
266 100
264 62.4 49.8 74.8
268 65.0 50.6 75.8





#15

Phenanthrene

Concen: 0.289 ng/ul

RT: 17.502 min Scan# 3131

Delta R.T. -0.000 min

Lab File: BN021832.D

Acq: 20 Sep 2022 10:36

Instrument :

BNA_N

ClientSampleId :

SLCS684

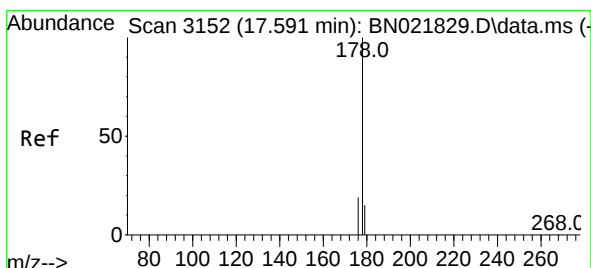
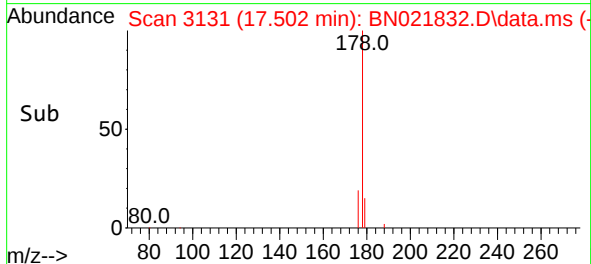
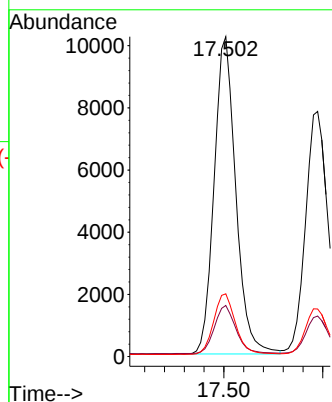
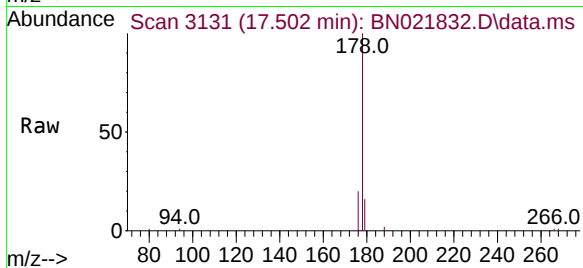
Tgt Ion:178 Resp: 15546

Ion Ratio Lower Upper

178 100

179 16.0 12.8 19.2

176 19.6 15.9 23.9



#16

Anthracene

Concen: 0.293 ng/ul

RT: 17.595 min Scan# 3153

Delta R.T. -0.000 min

Lab File: BN021832.D

Acq: 20 Sep 2022 10:36

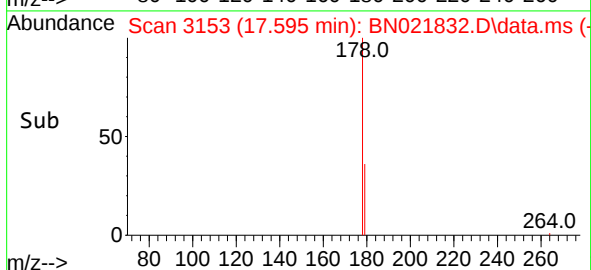
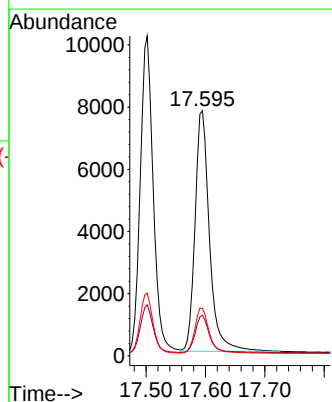
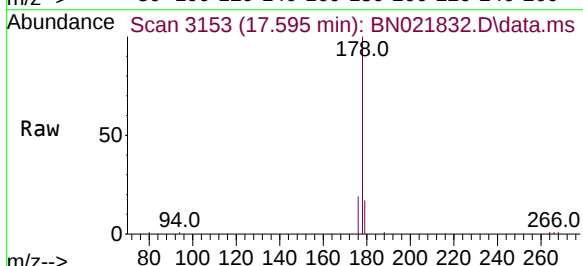
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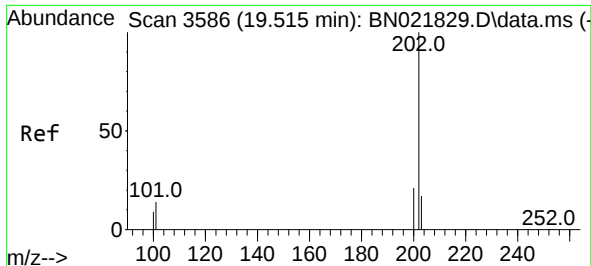
Ion Ratio Lower Upper

178 100

179 16.5 12.9 19.3

176 19.4 15.9 23.9

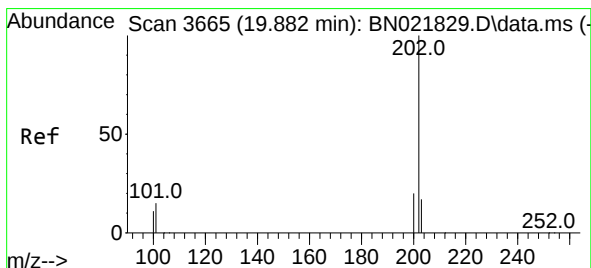
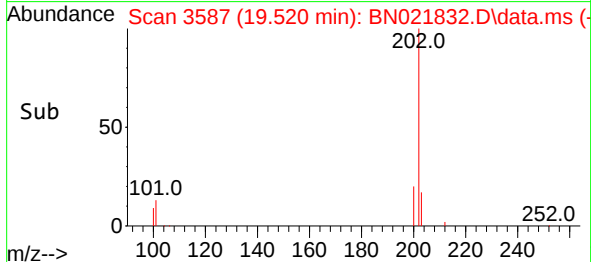
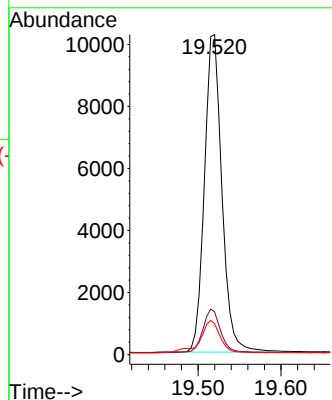
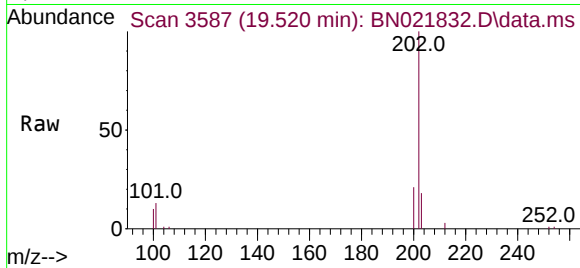




#19
Fluoranthene
Concen: 0.310 ng/u1
RT: 19.520 min Scan# 3587
Delta R.T. 0.005 min
Lab File: BN021832.D
Acq: 20 Sep 2022 10:36

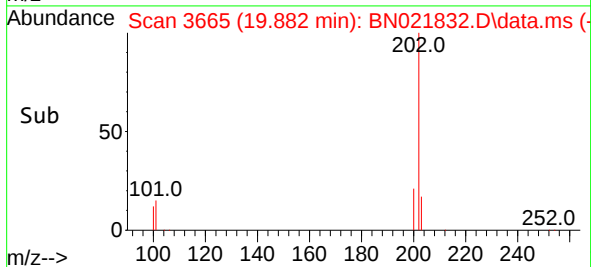
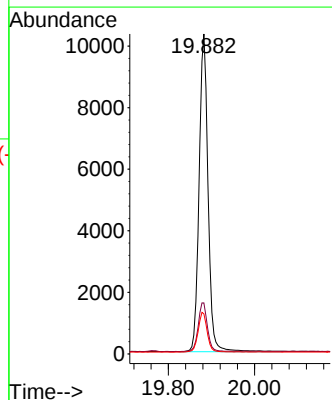
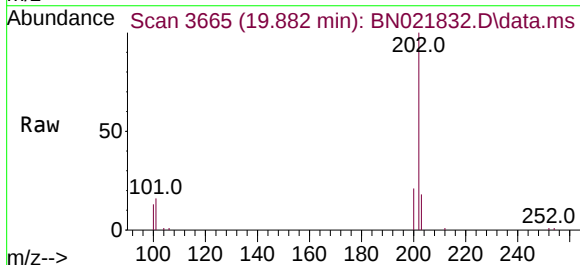
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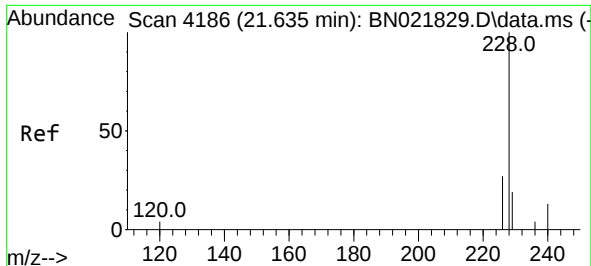
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Ion Ratio Lower Upper
202 100
101 13.3 10.0 15.0
100 9.7 8.0 12.0



#20
Pyrene
Concen: 0.312 ng/u1
RT: 19.882 min Scan# 3665
Delta R.T. 0.005 min
Lab File: BN021832.D
Acq: 20 Sep 2022 10:36

Tgt Ion:202 Resp: 14861
Ion Ratio Lower Upper
202 100
101 15.9 11.3 16.9
100 12.5 9.0 13.4

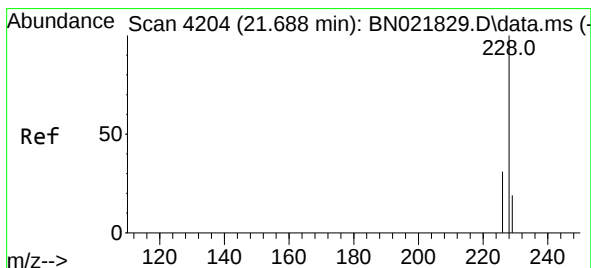
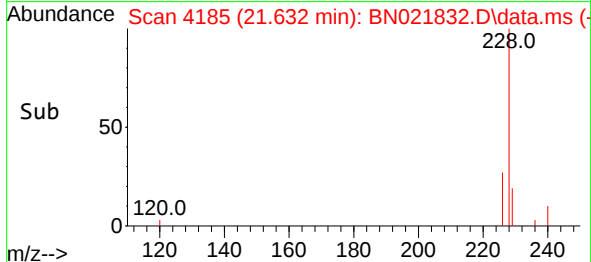
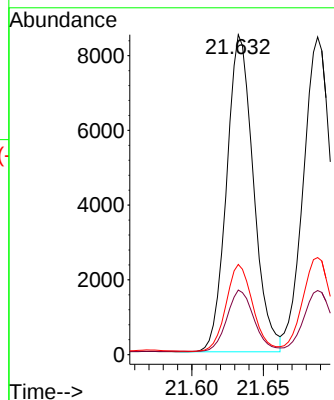
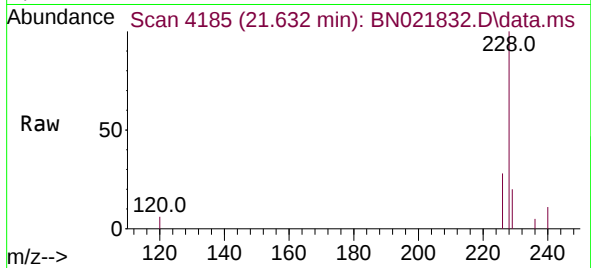




#21
Benzo(a)anthracene
Concen: 0.319 ng/ul
RT: 21.632 min Scan# 4186
Delta R.T. 0.003 min
Lab File: BN021832.D
Acq: 20 Sep 2022 10:36

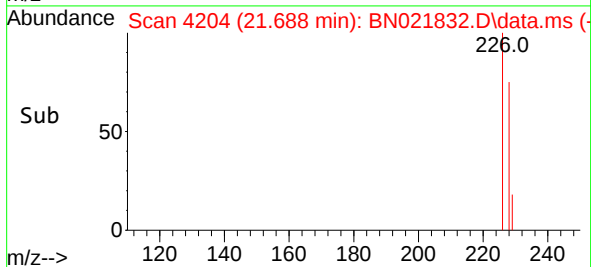
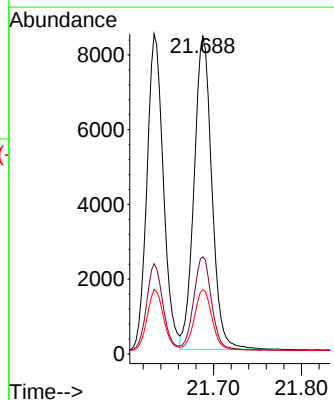
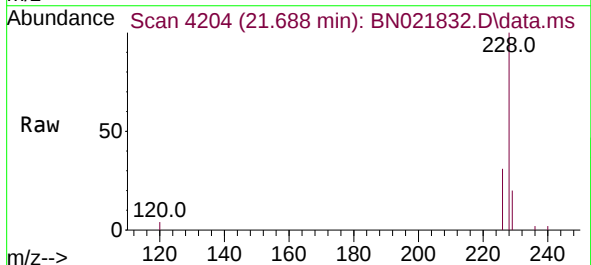
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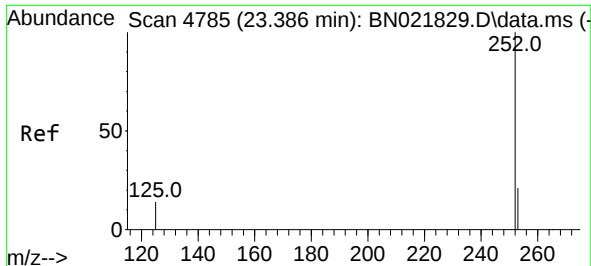
Tgt Ion:228 Resp: 11071
Ion Ratio Lower Upper
228 100
229 20.2 16.0 24.0
226 28.2 21.9 32.9



#22
Chrysene
Concen: 0.309 ng/ul
RT: 21.688 min Scan# 4204
Delta R.T. 0.003 min
Lab File: BN021832.D
Acq: 20 Sep 2022 10:36

Tgt Ion:228 Resp: 11688
Ion Ratio Lower Upper
228 100
226 30.6 24.6 37.0
229 20.2 15.8 23.8

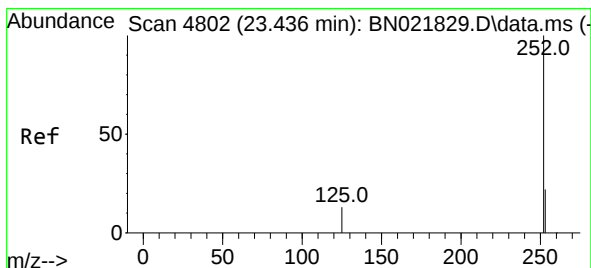
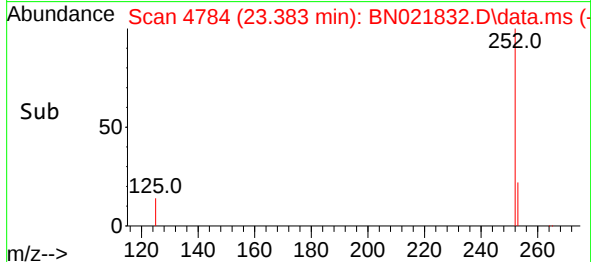
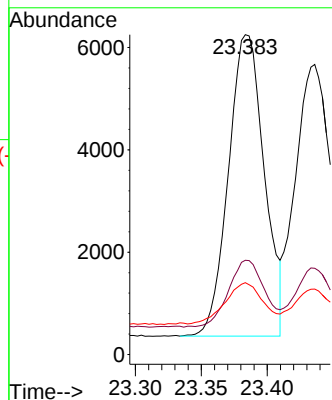
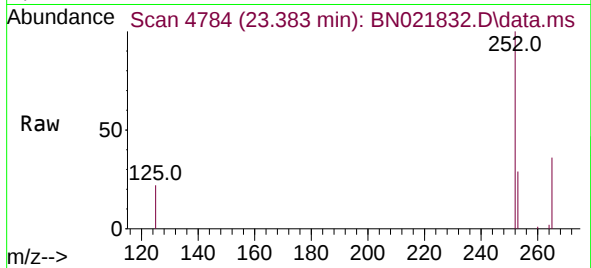




#24
Benzo(b)fluoranthene
Concen: 0.270 ng/ul
RT: 23.383 min Scan# 4785
Delta R.T. 0.003 min
Lab File: BN021832.D
Acq: 20 Sep 2022 10:36

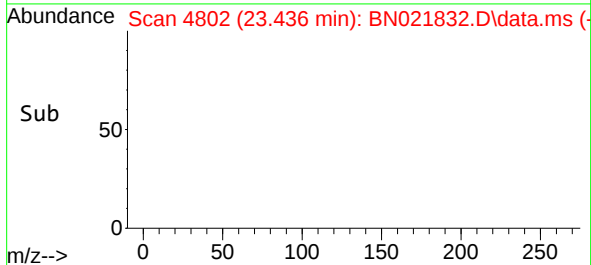
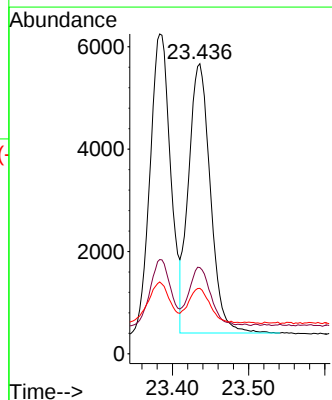
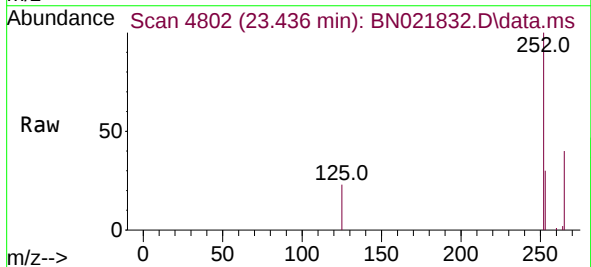
Instrument :
BNA_N
ClientSampleId :
SLCS684

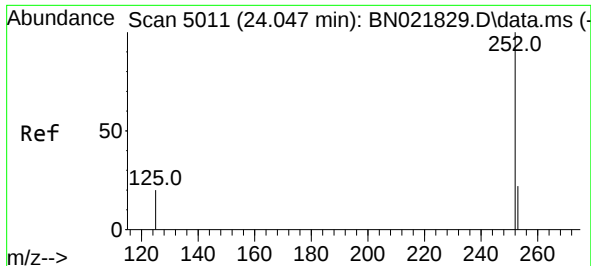
Tgt Ion:252 Resp: 11146
Ion Ratio Lower Upper
252 100
253 29.5 0.0 50.8
125 22.5 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.262 ng/ul
RT: 23.436 min Scan# 4802
Delta R.T. 0.006 min
Lab File: BN021832.D
Acq: 20 Sep 2022 10:36

Tgt Ion:252 Resp: 10458
Ion Ratio Lower Upper
252 100
253 29.8 20.6 31.0
125 22.6 11.8 17.6#

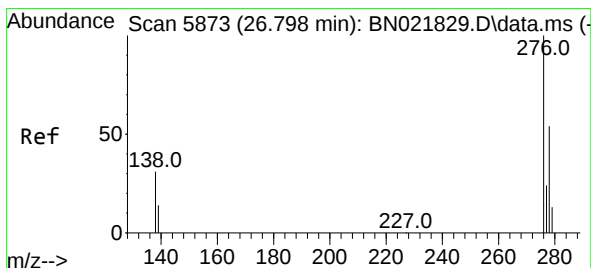
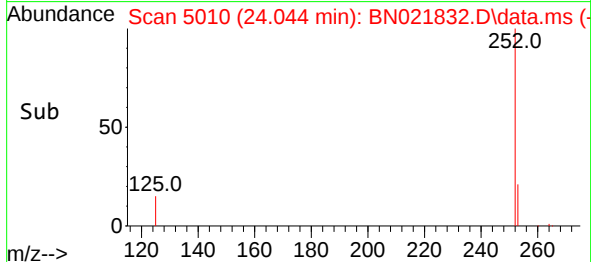
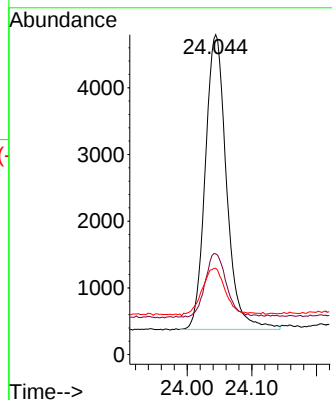
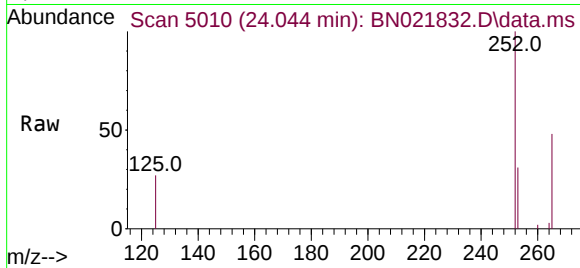




#26
Benzo(a)pyrene
Concen: 0.322 ng/ul
RT: 24.044 min Scan# 5011
Delta R.T. 0.003 min
Lab File: BN021832.D
Acq: 20 Sep 2022 10:36

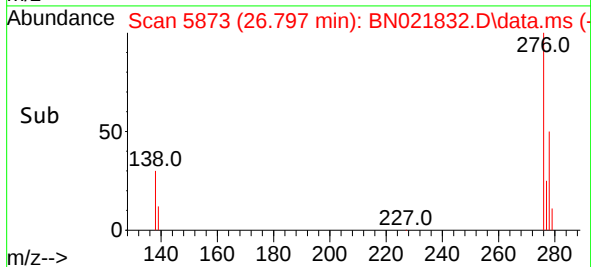
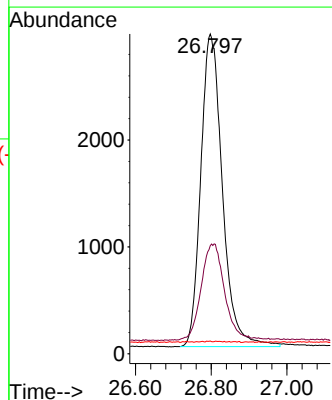
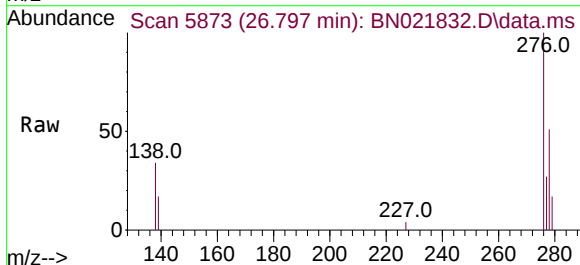
Instrument :
BNA_N
ClientSampleId :
SLCS684

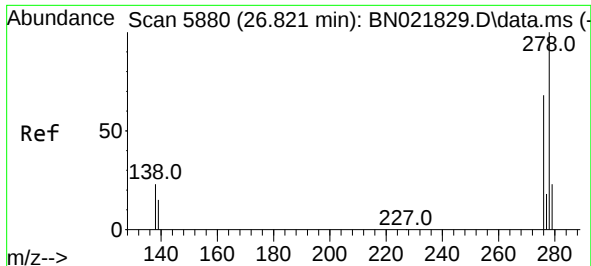
Tgt Ion:252 Resp: 10073
Ion Ratio Lower Upper
252 100
253 31.5 22.1 33.1
125 27.0 14.7 22.1#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.330 ng/ul
RT: 26.797 min Scan# 5873
Delta R.T. 0.007 min
Lab File: BN021832.D
Acq: 20 Sep 2022 10:36

Tgt Ion:276 Resp: 11604
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: 26.821 min Scan# 5880

Delta R.T. 0.003 min

Lab File: BN021832.D

Acq: 20 Sep 2022 10:36

Instrument :

BNA_N

ClientSampleId :

SLCS684

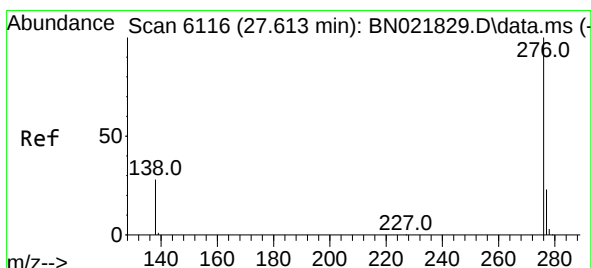
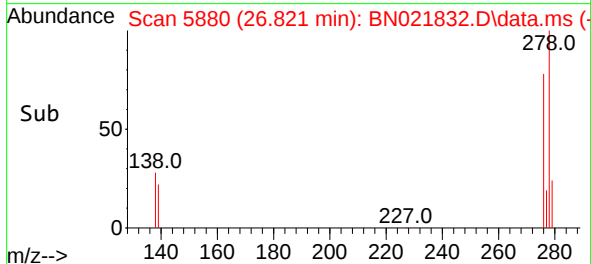
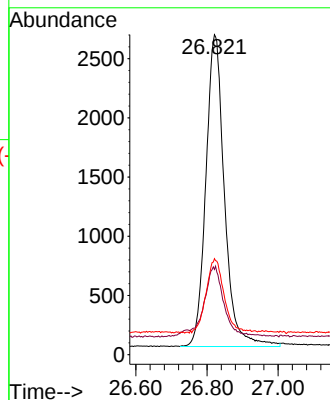
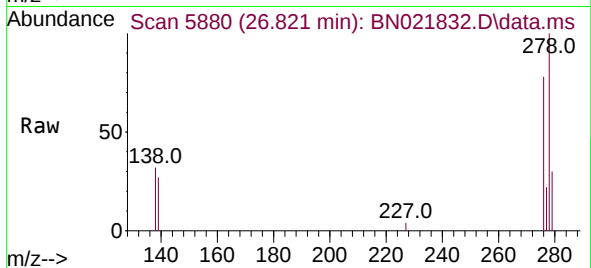
Tgt Ion:278 Resp: 9556

Ion Ratio Lower Upper

278 100

139 26.6 18.3 27.5

279 30.0 23.9 35.9



#29

Benzo(g,h,i)perylene

Concen: 0.315 ng/ul

RT: 27.616 min Scan# 6117

Delta R.T. 0.007 min

Lab File: BN021832.D

Acq: 20 Sep 2022 10:36

Tgt Ion:276 Resp: 10202

Ion Ratio Lower Upper

276 100

138 31.9 22.6 34.0

277 26.6 20.2 30.2

