

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091922\
 Data File : BN021833.D
 Acq On : 20 Sep 2022 11:14
 Operator : CG/JU
 Sample : PB147687BS
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS687

Quant Time: Sep 21 04:25:41 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)

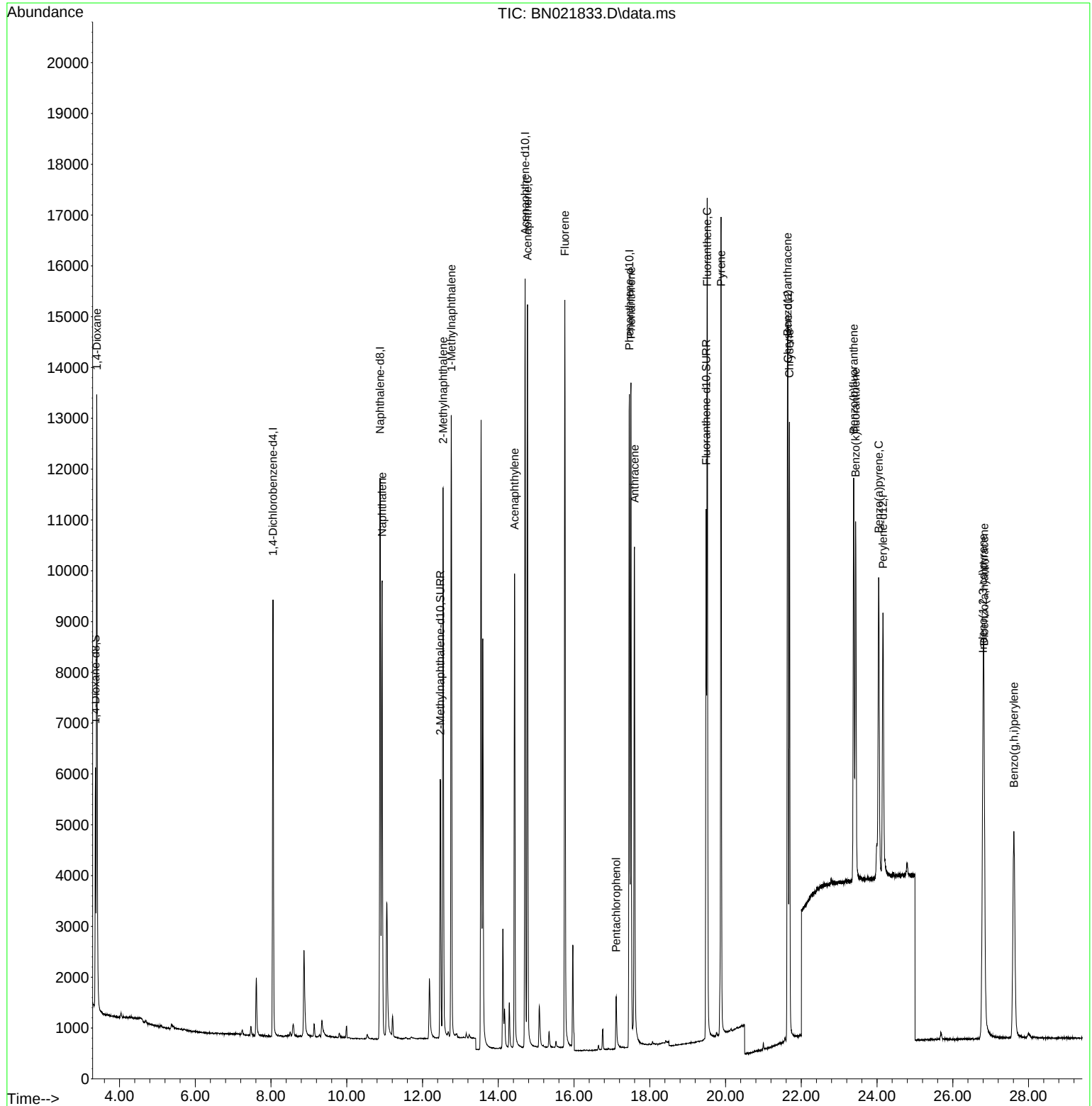
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.050	152	4574	0.400	ng/ul	0.00
4) Naphthalene-d8	10.878	136	15564	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.707	164	8595	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.460	188	15946	0.400	ng/ul	0.00
17) Chrysene-d12	21.650	240	9683	0.400	ng/ul	# 0.00
23) Perylene-d12	24.155	264	7938	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	3086	0.548	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.467	152	7251	0.294	ng/ul	0.00
18) Fluoranthene-d10	19.487	212	11404	0.317	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.401	88	8744	1.515	ng/ul#	88
5) Naphthalene	10.933	128	13128	0.299	ng/ul	98
7) 2-Methylnaphthalene	12.544	142	8487	0.298	ng/ul	98
8) 1-Methylnaphthalene	12.758	142	8853	0.303	ng/ul	99
10) Acenaphthylene	14.430	152	11388	0.315	ng/ul	99
11) Acenaphthene	14.772	153	9018	0.295	ng/ul	99
12) Fluorene	15.758	166	10039	0.293	ng/ul	99
14) Pentachlorophenol	17.113	266	937	0.303	ng/ul	99
15) Phenanthrene	17.502	178	15078	0.300	ng/ul	99
16) Anthracene	17.595	178	12662	0.303	ng/ul	99
19) Fluoranthene	19.515	202	14584	0.323	ng/ul	97
20) Pyrene	19.882	202	14394	0.323	ng/ul	96
21) Benzo(a)anthracene	21.632	228	10758	0.332	ng/ul	98
22) Chrysene	21.688	228	11394	0.322	ng/ul	99
24) Benzo(b)fluoranthene	23.383	252	11010	0.286	ng/ul	90
25) Benzo(k)fluoranthene	23.433	252	10261	0.275	ng/ul#	89
26) Benzo(a)pyrene	24.041	252	9962	0.342	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.797	276	11563	0.352	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.824	278	9425	0.338	ng/ul	96
29) Benzo(g,h,i)perylene	27.612	276	10126	0.335	ng/ul	95

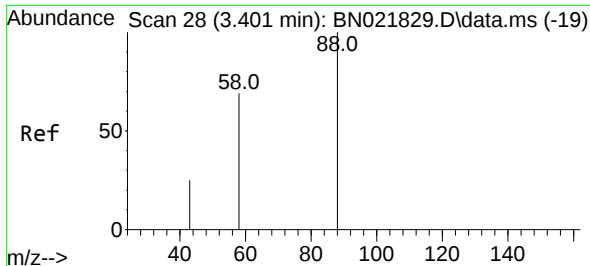
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BN021833.D
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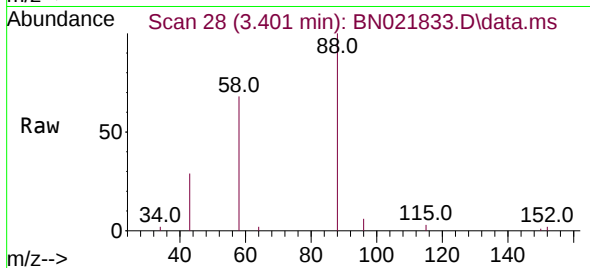
Quant Time: Sep 21 04:25:41 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 00:20:21 2022
Response via : Initial Calibration



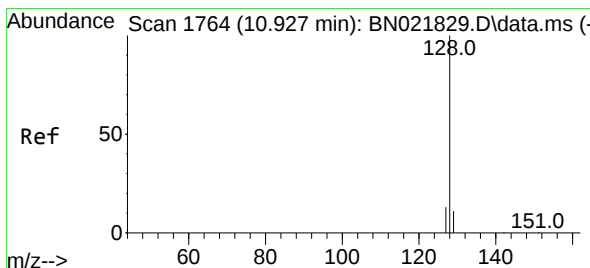
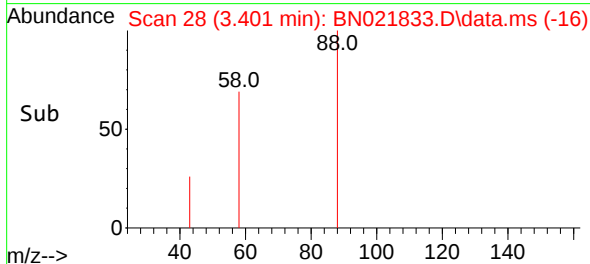
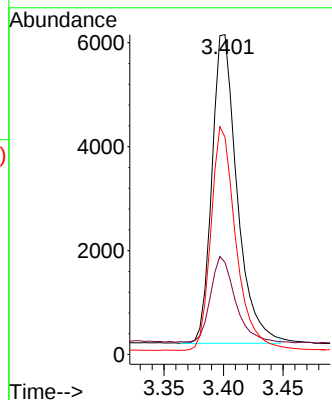


#2
1,4-Dioxane
Concen: 1.515 ng/ul
RT: 3.401 min Scan# 28
Delta R.T. -0.000 min
Lab File: BN021833.D
Acq: 20 Sep 2022 11:14

Instrument :
BNA_N
ClientSampleId :
SLCS687

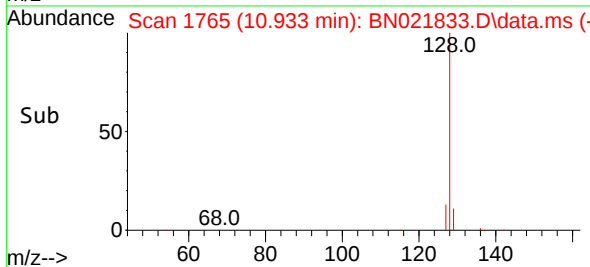
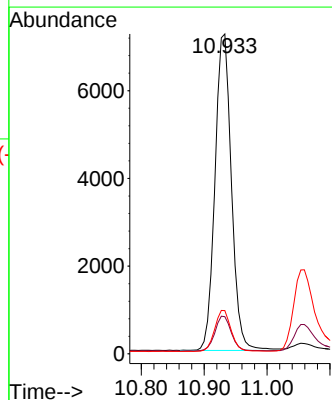
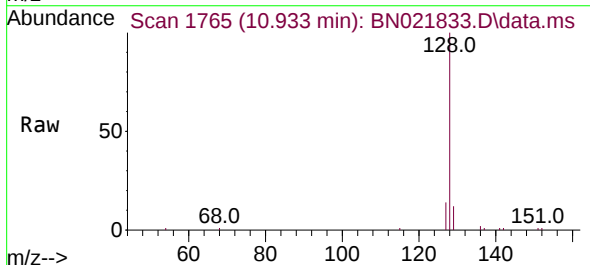


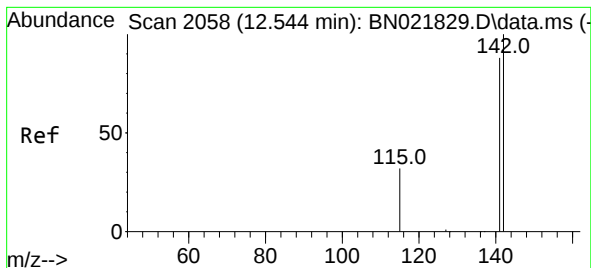
Tgt Ion: 88 Resp: 8744
Ion Ratio Lower Upper
88 100
43 28.8 31.4 47.0#
58 68.0 49.0 73.6



#5
Naphthalene
Concen: 0.299 ng/ul
RT: 10.933 min Scan# 1765
Delta R.T. -0.000 min
Lab File: BN021833.D
Acq: 20 Sep 2022 11:14

Tgt Ion:128 Resp: 13128
Ion Ratio Lower Upper
128 100
129 11.6 9.8 14.6
127 13.5 11.6 17.4

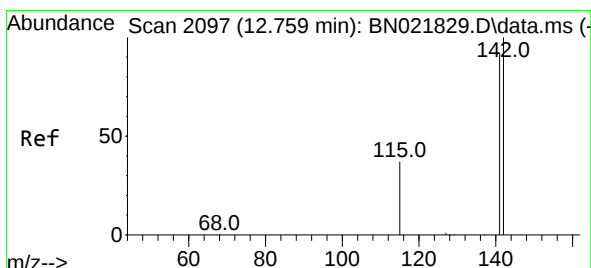
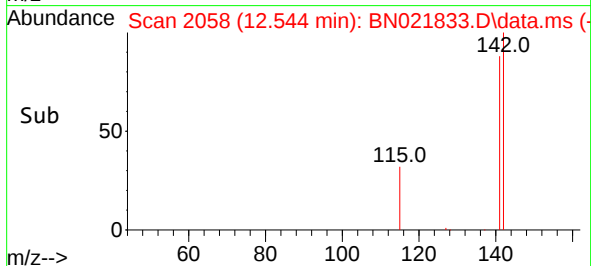
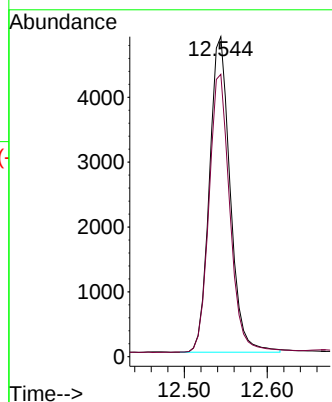
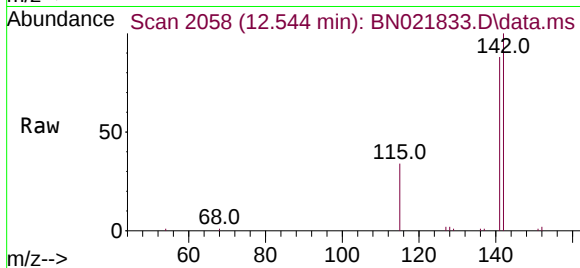




#7
2-Methylnaphthalene
Concen: 0.298 ng/ul
RT: 12.544 min Scan# 2058
Delta R.T. -0.000 min
Lab File: BN021833.D
Acq: 20 Sep 2022 11:14

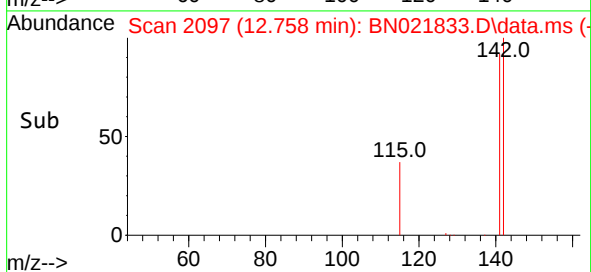
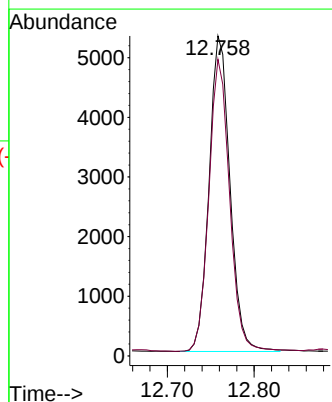
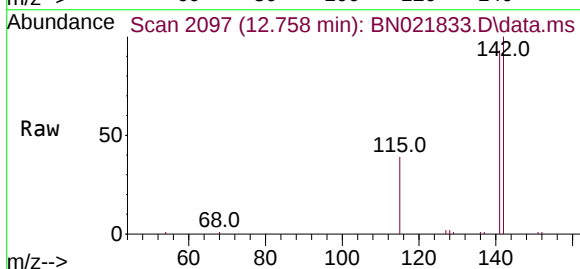
Instrument :
BNA_N
ClientSampleId :
SLCS687

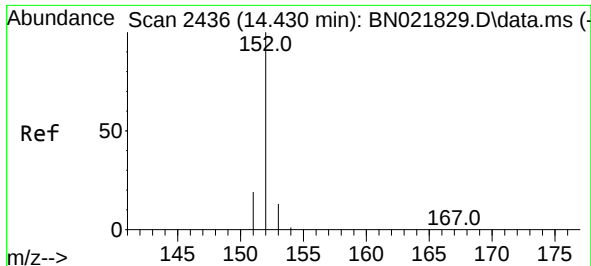
Tgt Ion:142 Resp: 8487
Ion Ratio Lower Upper
142 100
141 88.5 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.303 ng/ul
RT: 12.758 min Scan# 2097
Delta R.T. -0.000 min
Lab File: BN021833.D
Acq: 20 Sep 2022 11:14

Tgt Ion:142 Resp: 8853
Ion Ratio Lower Upper
142 100
141 91.8 73.9 110.9

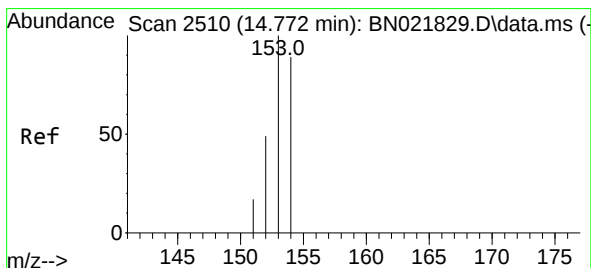
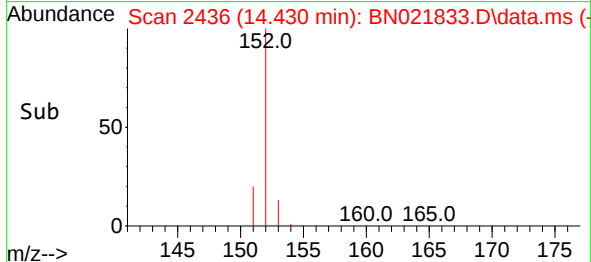
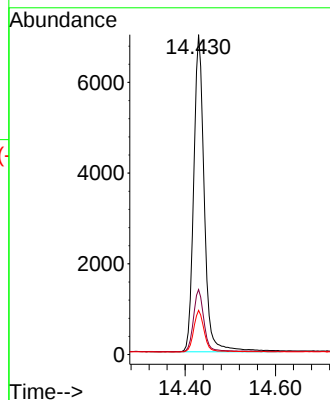
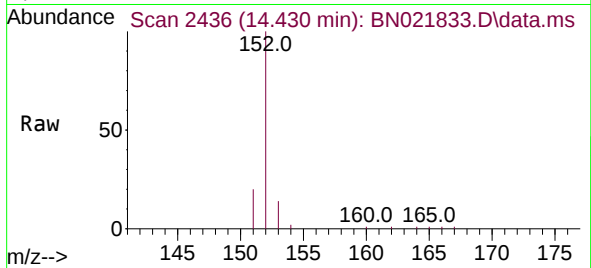




#10
Acenaphthylene
Concen: 0.315 ng/ul
RT: 14.430 min Scan# 2436
Delta R.T. -0.000 min
Lab File: BN021833.D
Acq: 20 Sep 2022 11:14

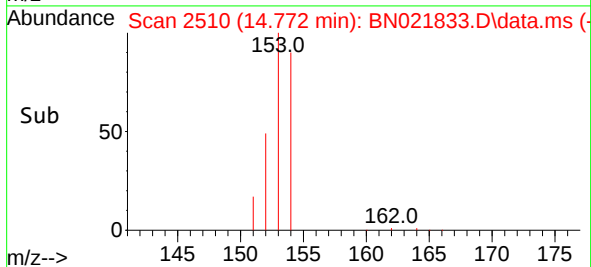
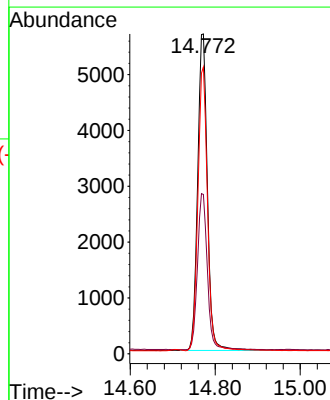
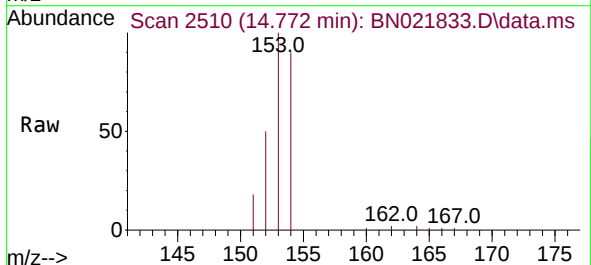
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BNA_N
ClientSampleId :
SLCS687

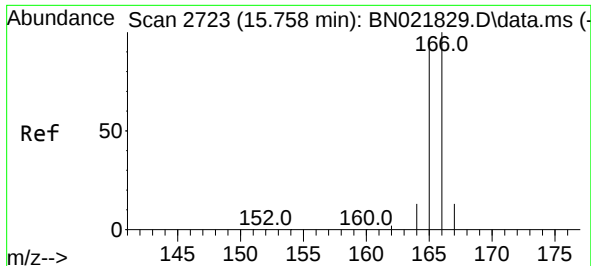
Tgt Ion:152 Resp: 11388
Ion Ratio Lower Upper
152 100
151 20.3 16.9 25.3
153 13.8 11.2 16.8



#11
Acenaphthene
Concen: 0.295 ng/ul
RT: 14.772 min Scan# 2510
Delta R.T. -0.000 min
Lab File: BN021833.D
Acq: 20 Sep 2022 11:14

Tgt Ion:153 Resp: 9018
Ion Ratio Lower Upper
153 100
152 49.8 40.2 60.4
154 89.6 70.7 106.1

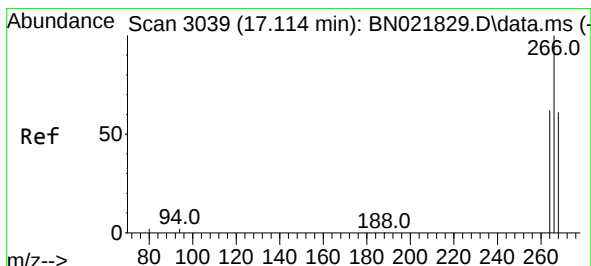
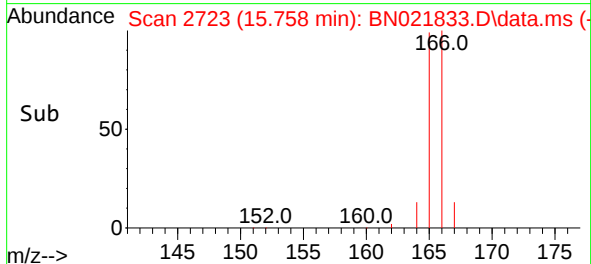
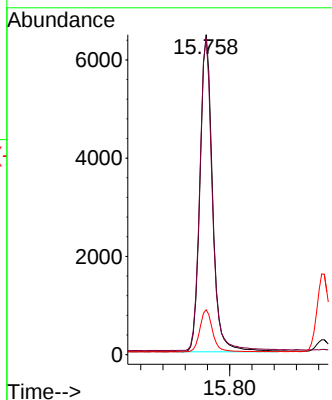
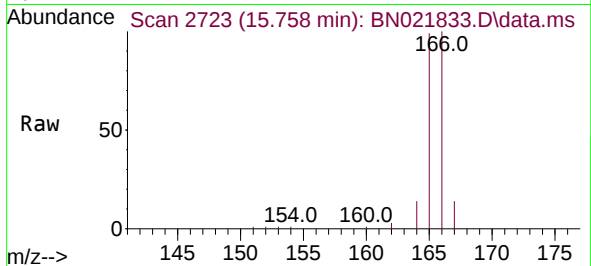




#12
Fluorene
Concen: 0.293 ng/ul
RT: 15.758 min Scan# 2723
Delta R.T. -0.000 min
Lab File: BN021833.D
Acq: 20 Sep 2022 11:14

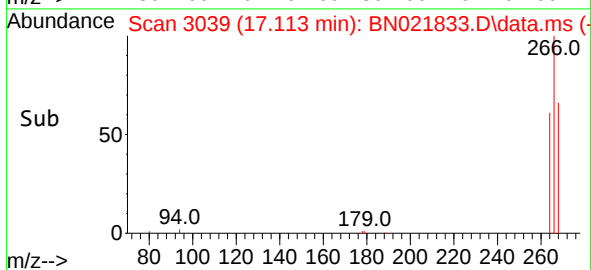
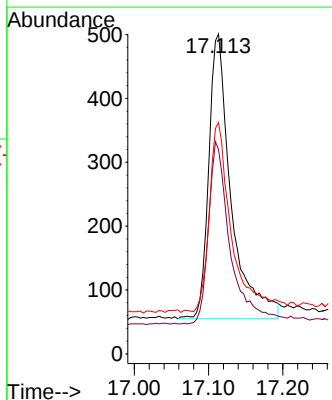
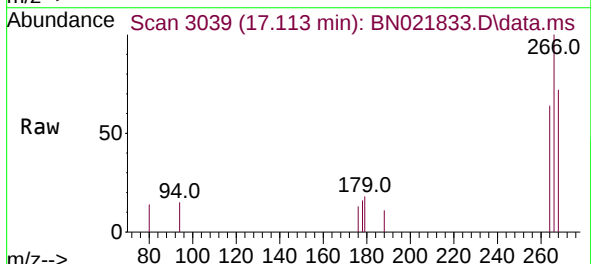
Instrument :
BNA_N
ClientSampleId :
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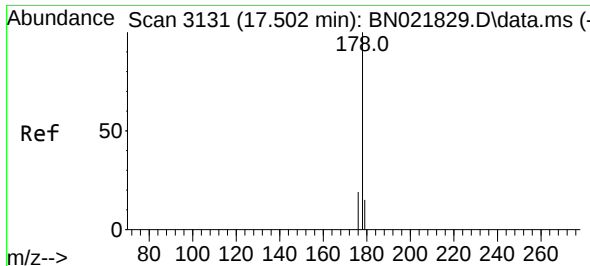
Tgt Ion:166 Resp: 10039
Ion Ratio Lower Upper
166 100
165 99.0 78.6 117.8
167 14.0 11.8 17.6



#14
Pentachlorophenol
Concen: 0.303 ng/ul
RT: 17.113 min Scan# 3039
Delta R.T. 0.004 min
Lab File: BN021833.D
Acq: 20 Sep 2022 11:14

Tgt Ion:266 Resp: 937
Ion Ratio Lower Upper
266 100
264 62.1 49.8 74.8
268 65.1 50.6 75.8

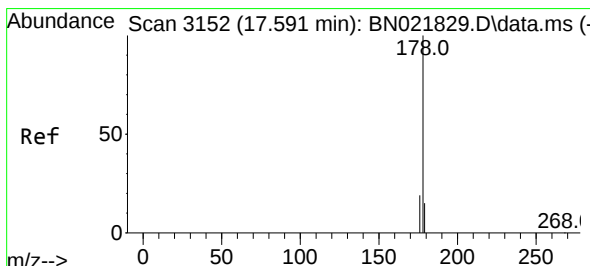
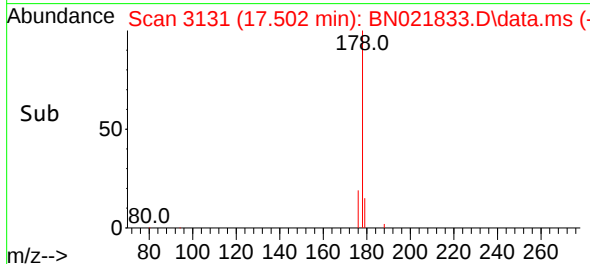
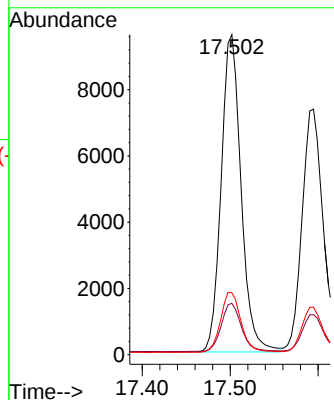
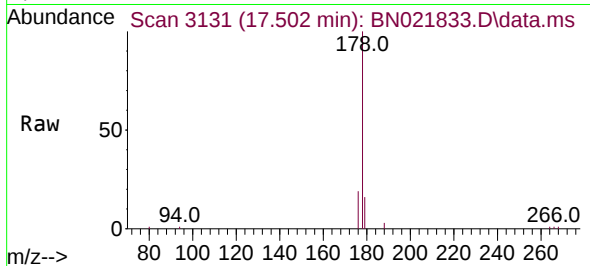




#15
Phenanthrene
Concen: 0.300 ng/ul
RT: 17.502 min Scan# 3131
Delta R.T. -0.000 min
Lab File: BN021833.D
Acq: 20 Sep 2022 11:14

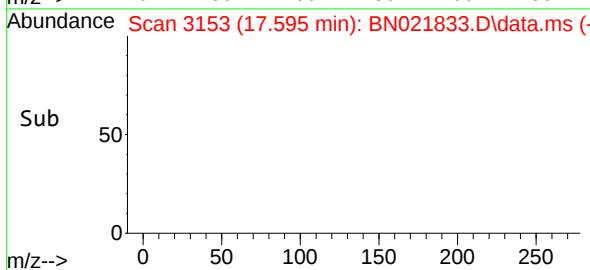
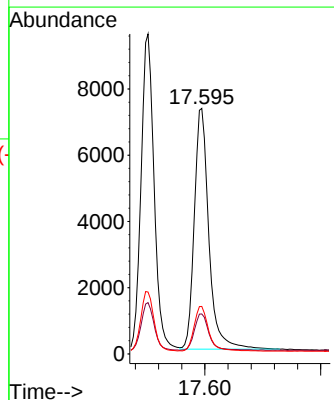
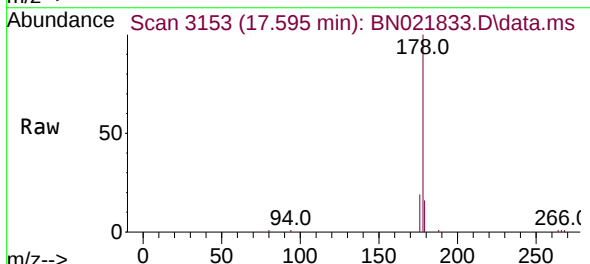
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BNA_N
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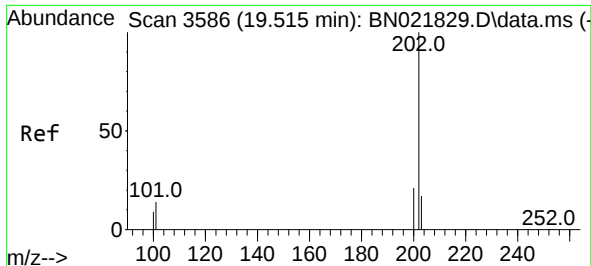
Tgt Ion:178 Resp: 15078
Ion Ratio Lower Upper
178 100
179 16.0 12.8 19.2
176 19.3 15.9 23.9



#16
Anthracene
Concen: 0.303 ng/ul
RT: 17.595 min Scan# 3153
Delta R.T. -0.000 min
Lab File: BN021833.D
Acq: 20 Sep 2022 11:14

Tgt Ion:178 Resp: 12662
Ion Ratio Lower Upper
178 100
179 16.2 12.9 19.3
176 19.3 15.9 23.9

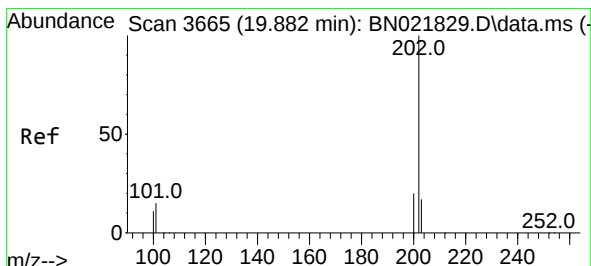
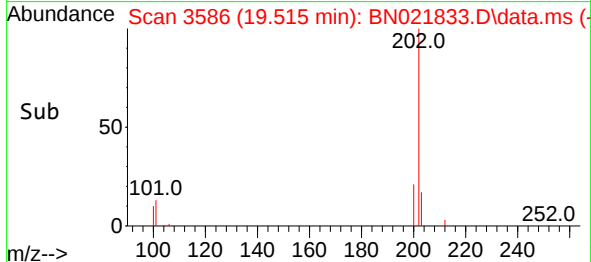
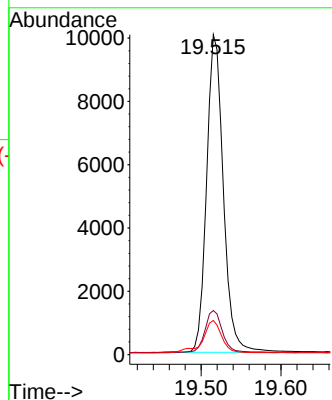
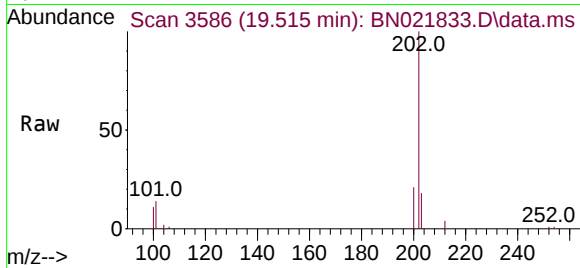




#19
Fluoranthene
Concen: 0.323 ng/ul
RT: 19.515 min Scan# 3586
Delta R.T. -0.000 min
Lab File: BN021833.D
Acq: 20 Sep 2022 11:14

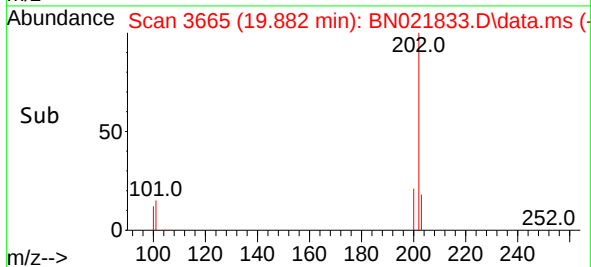
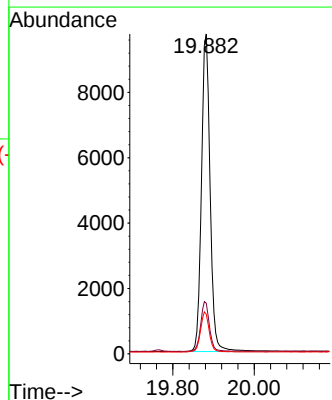
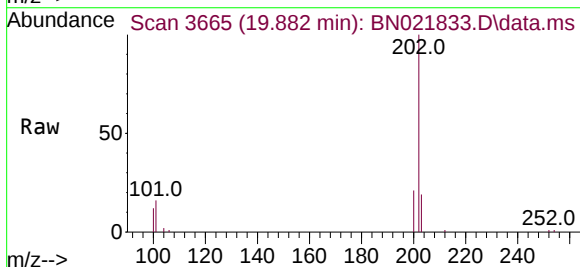
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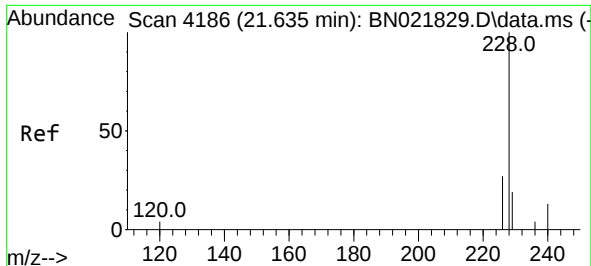
Tgt Ion:202 Resp: 14584
Ion Ratio Lower Upper
202 100
101 13.8 10.0 15.0
100 10.7 8.0 12.0



#20
Pyrene
Concen: 0.323 ng/ul
RT: 19.882 min Scan# 3665
Delta R.T. 0.005 min
Lab File: BN021833.D
Acq: 20 Sep 2022 11:14

Tgt Ion:202 Resp: 14394
Ion Ratio Lower Upper
202 100
101 15.8 11.3 16.9
100 12.4 9.0 13.4

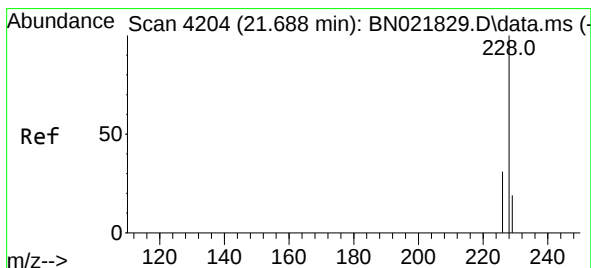
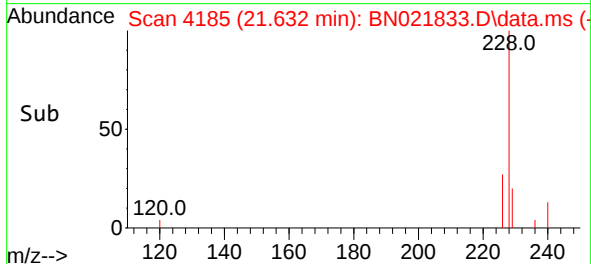
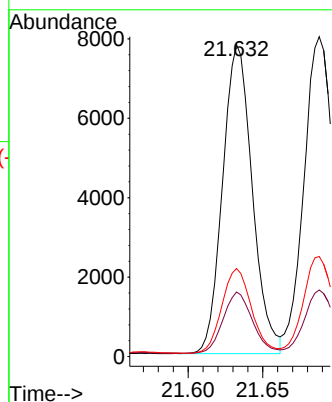
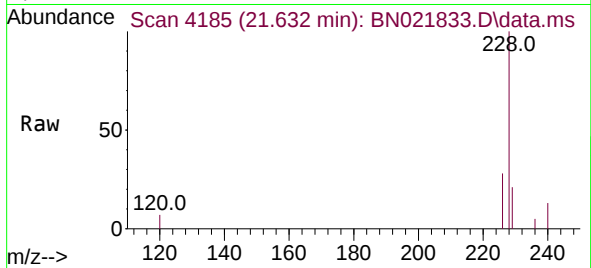




#21
Benzo(a)anthracene
Concen: 0.332 ng/ul
RT: 21.632 min Scan# 4186
Delta R.T. 0.003 min
Lab File: BN021833.D
Acq: 20 Sep 2022 11:14

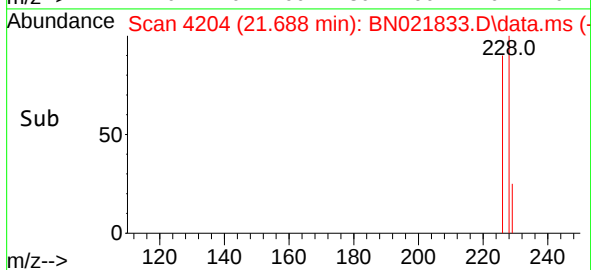
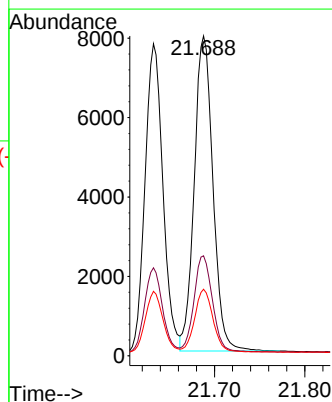
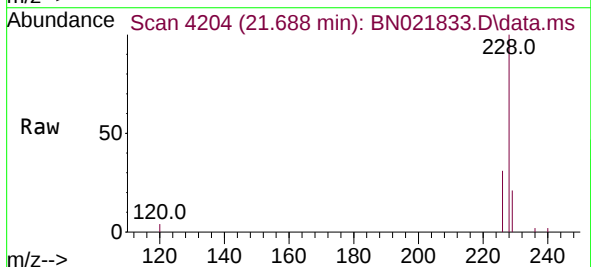
Instrument :
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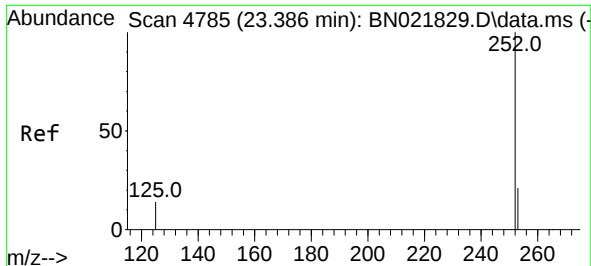
Tgt Ion:228 Resp: 10758
Ion Ratio Lower Upper
228 100
229 20.7 16.0 24.0
226 28.2 21.9 32.9



#22
Chrysene
Concen: 0.322 ng/ul
RT: 21.688 min Scan# 4204
Delta R.T. 0.003 min
Lab File: BN021833.D
Acq: 20 Sep 2022 11:14

Tgt Ion:228 Resp: 11394
Ion Ratio Lower Upper
228 100
226 31.3 24.6 37.0
229 20.8 15.8 23.8

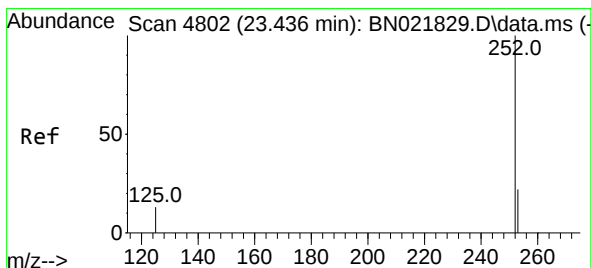
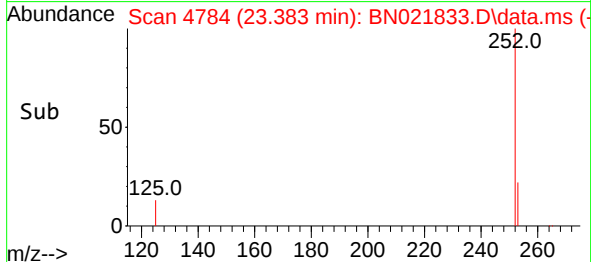
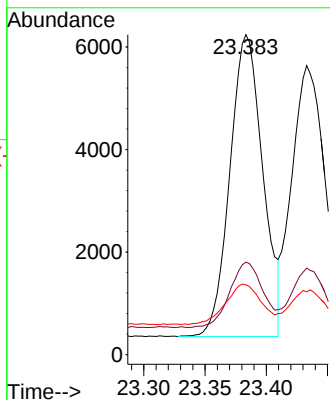
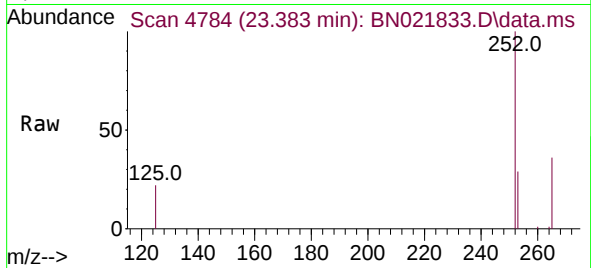




#24
Benzo(b)fluoranthene
Concen: 0.286 ng/ul
RT: 23.383 min Scan# 4785
Delta R.T. 0.003 min
Lab File: BN021833.D
Acq: 20 Sep 2022 11:14

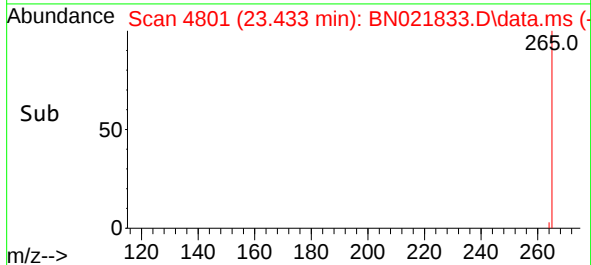
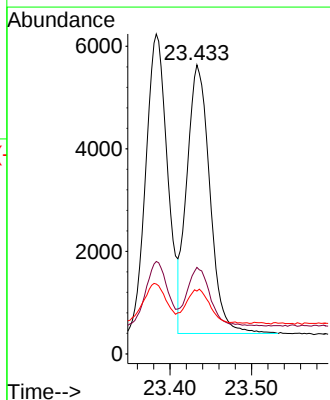
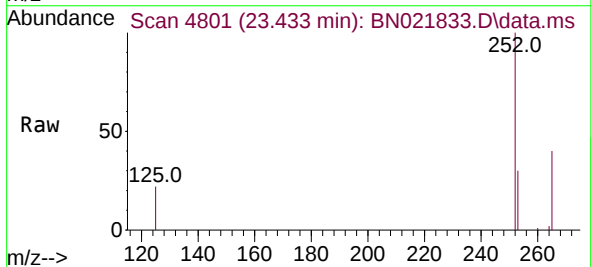
Instrument :
BNA_N
ClientSampleId :
SLCS687

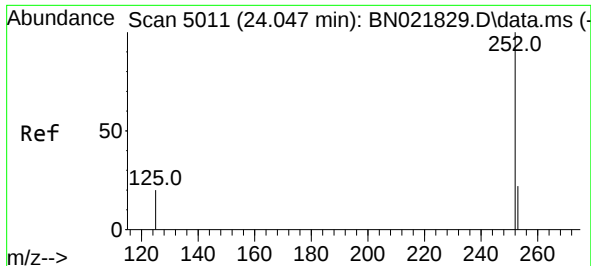
Tgt Ion:252 Resp: 11010
Ion Ratio Lower Upper
252 100
253 28.9 0.0 50.8
125 21.8 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.275 ng/ul
RT: 23.433 min Scan# 4801
Delta R.T. 0.003 min
Lab File: BN021833.D
Acq: 20 Sep 2022 11:14

Tgt Ion:252 Resp: 10261
Ion Ratio Lower Upper
252 100
253 29.9 20.6 31.0
125 21.7 11.8 17.6#

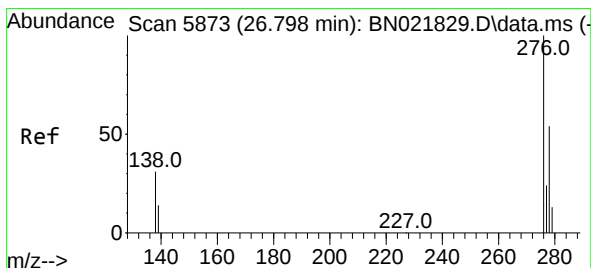
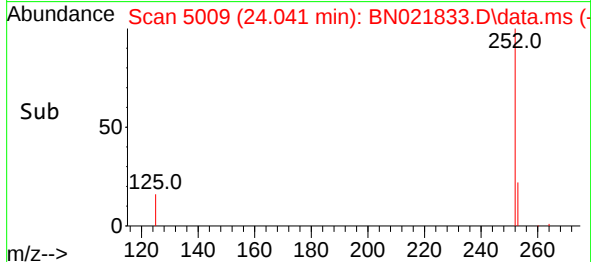
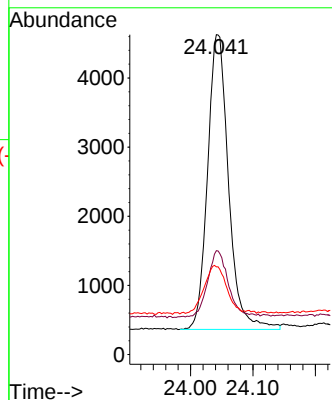
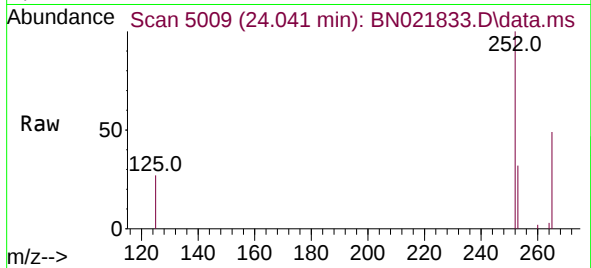




#26
Benzo(a)pyrene
Concen: 0.342 ng/ul
RT: 24.041 min Scan# 5011
Delta R.T. -0.000 min
Lab File: BN021833.D
Acq: 20 Sep 2022 11:14

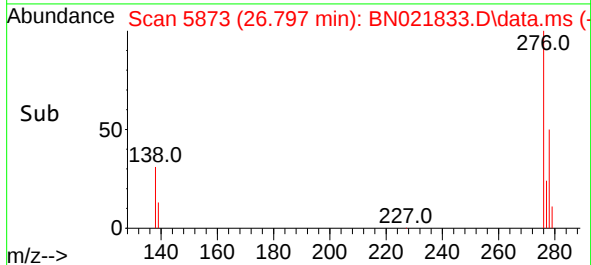
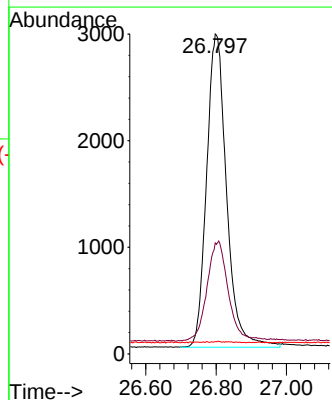
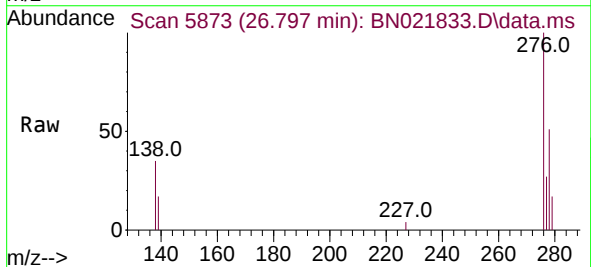
Instrument :
BNA_N
ClientSampleId :
SLCS687

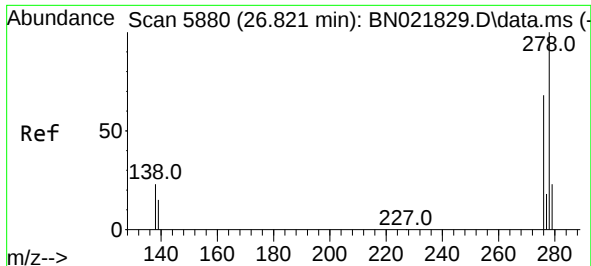
Tgt Ion:252 Resp: 9962
Ion Ratio Lower Upper
252 100
253 32.5 22.1 33.1
125 27.4 14.7 22.1#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.352 ng/ul
RT: 26.797 min Scan# 5873
Delta R.T. 0.007 min
Lab File: BN021833.D
Acq: 20 Sep 2022 11:14

Tgt Ion:276 Resp: 11563
Ion Ratio Lower Upper
276 100
138 33.8 26.1 39.1
227 0.2 0.1 0.1#

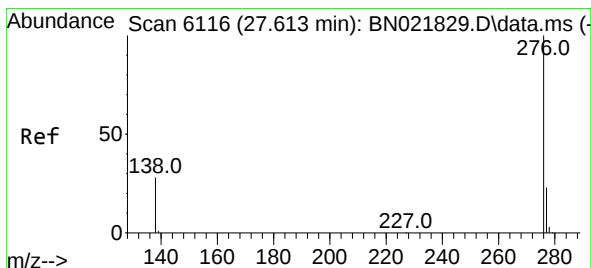
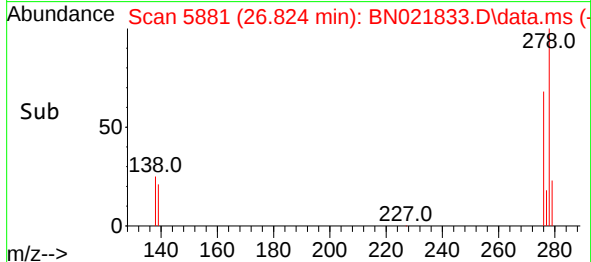
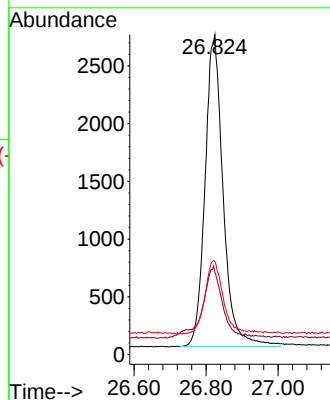
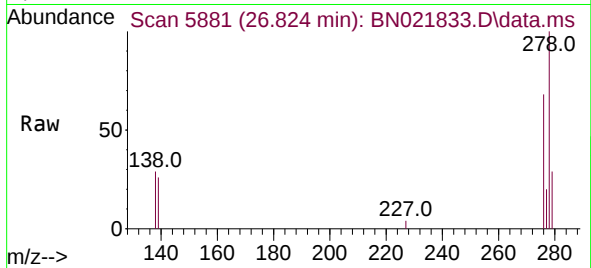




#28
Dibenzo(a,h)anthracene
Concen: 0.338 ng/ul
RT: 26.824 min Scan# 5880
Delta R.T. 0.007 min
Lab File: BN021833.D
Acq: 20 Sep 2022 11:14

Instrument :
BNA_N
ClientSampleId :
SLCS687

Tgt Ion: 278 Resp: 9425
Ion Ratio Lower Upper
278 100
139 25.9 18.3 27.5
279 29.1 23.9 35.9



#29
Benzo(g,h,i)perylene
Concen: 0.335 ng/ul
RT: 27.612 min Scan# 6116
Delta R.T. 0.003 min
Lab File: BN021833.D
Acq: 20 Sep 2022 11:14

Tgt Ion: 276 Resp: 10126
Ion Ratio Lower Upper
276 100
138 32.5 22.6 34.0
277 26.1 20.2 30.2

