

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081022\
 Data File : BN021171.D
 Acq On : 12 Aug 2022 13:22
 Operator : CG/JU
 Sample : PB146950BS
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS950

Quant Time: Aug 12 17:32:19 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 09 23:10:06 2022
 Response via : Initial Calibration

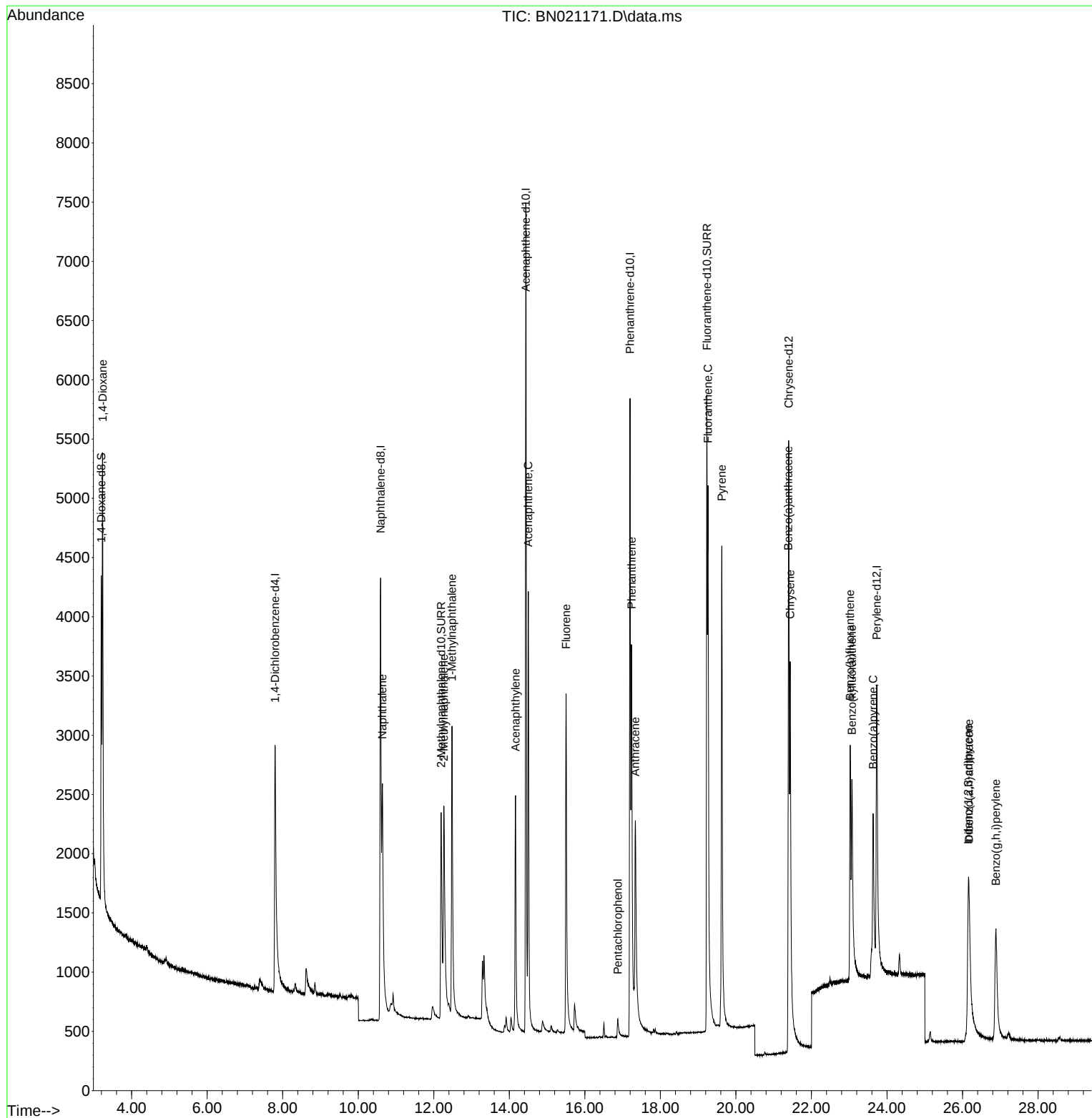
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.801	152	2087	0.400	ng/ul	0.02
4) Naphthalene-d8	10.591	136	7733	0.400	ng/ul	0.01
9) Acenaphthene-d10	14.438	164	4530	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.197	188	8030	0.400	ng/ul	0.00
17) Chrysene-d12	21.401	240	5368	0.400	ng/ul	0.00
23) Perylene-d12	23.730	264	4115	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.198	96	1934	0.724	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.197	152	3668	0.324	ng/ul	0.02
18) Fluoranthene-d10	19.231	212	7564	0.456	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.232	88	2578	0.937	ng/ul	97
5) Naphthalene	10.640	128	3493	0.147	ng/ul	95
7) 2-Methylnaphthalene	12.268	142	2025	0.141	ng/ul	99
8) 1-Methylnaphthalene	12.482	142	2289	0.159	ng/ul	100
10) Acenaphthylene	14.165	152	3055	0.144	ng/ul	98
11) Acenaphthene	14.503	153	2525	0.144	ng/ul	99
12) Fluorene	15.502	166	2600	0.136	ng/ul	99
14) Pentachlorophenol	16.872	266	182	0.147	ng/ul	95
15) Phenanthrene	17.239	178	4104	0.143	ng/ul	98
16) Anthracene	17.336	178	3116	0.140	ng/ul	95
19) Fluoranthene	19.263	202	4511	0.190	ng/ul	95
20) Pyrene	19.626	202	4762	0.194	ng/ul	96
21) Benzo(a)anthracene	21.389	228	2459	0.140	ng/ul	97
22) Chrysene	21.439	228	3447	0.149	ng/ul	98
24) Benzo(b)fluoranthene	23.026	252	2821	0.148	ng/ul	81
25) Benzo(k)fluoranthene	23.072	252	3037	0.151	ng/ul#	83
26) Benzo(a)pyrene	23.634	252	2726	0.157	ng/ul#	66
27) Indeno(1,2,3-cd)pyrene	26.152	276	2833	0.137	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.172	278	2169	0.132	ng/ul#	79
29) Benzo(g,h,i)perylene	26.883	276	2756	0.149	ng/ul#	89

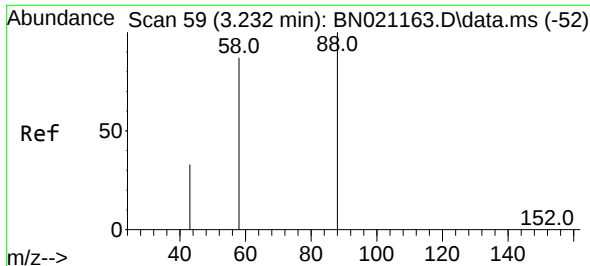
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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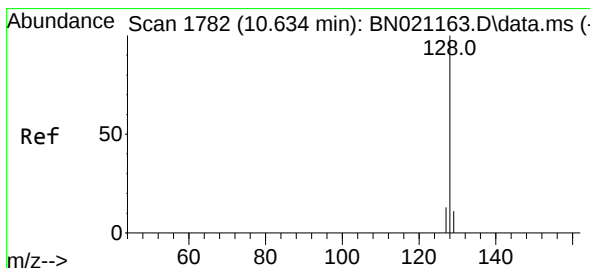
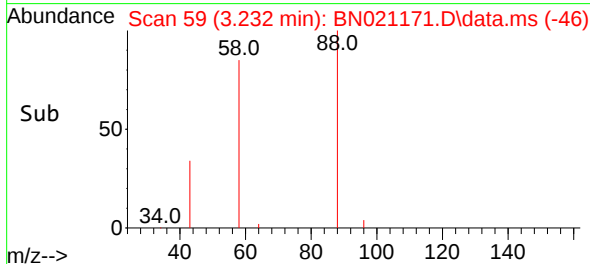
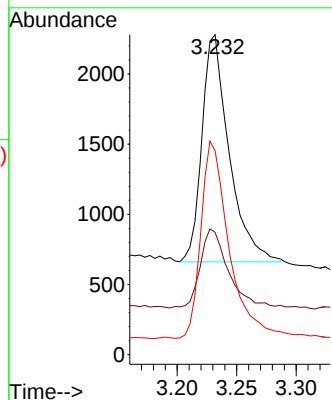
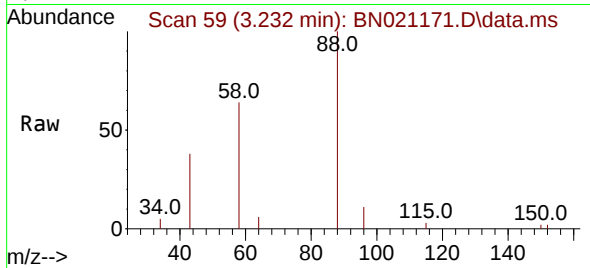




#2
1,4-Dioxane
Concen: 0.937 ng/ul
RT: 3.232 min Scan# 59
Delta R.T. 0.004 min
Lab File: BN021171.D
Acq: 12 Aug 2022 13:22

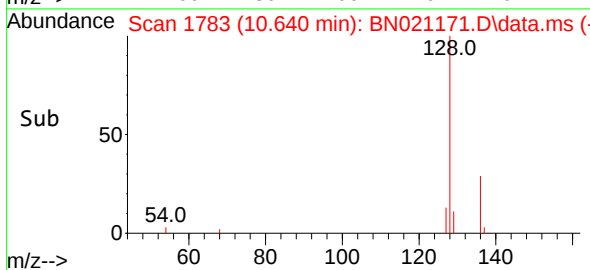
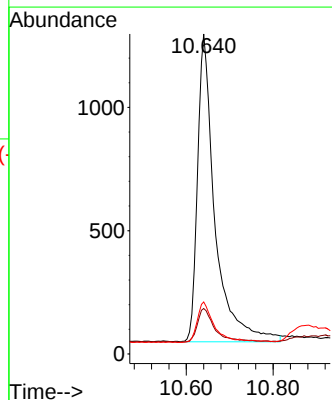
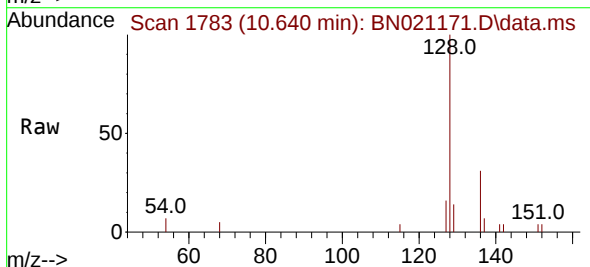
Instrument :
BNA_N
ClientSampleId :
SLCS950

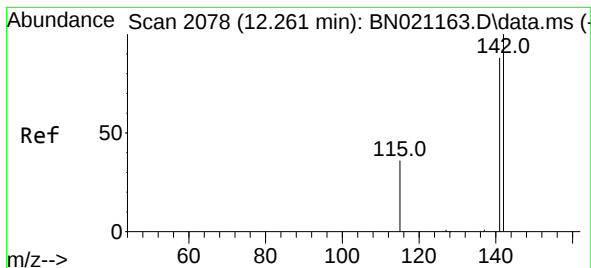
Tgt Ion: 88 Resp: 2578
Ion Ratio Lower Upper
88 100
43 38.2 31.4 47.0
58 63.8 49.0 73.6



#5
Naphthalene
Concen: 0.147 ng/ul
RT: 10.640 min Scan# 1783
Delta R.T. 0.012 min
Lab File: BN021171.D
Acq: 12 Aug 2022 13:22

Tgt Ion: 128 Resp: 3493
Ion Ratio Lower Upper
128 100
129 14.2 9.8 14.6
127 16.3 11.6 17.4





#7

2-Methylnaphthalene

Concen: 0.141 ng/ul

RT: 12.268 min Scan# 2078

Delta R.T. 0.018 min

Lab File: BN021171.D

Acq: 12 Aug 2022 13:22

Instrument :

BNA_N

ClientSampleId :

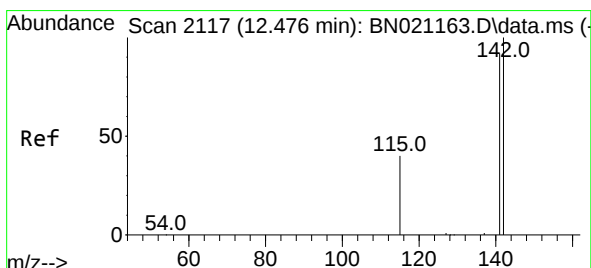
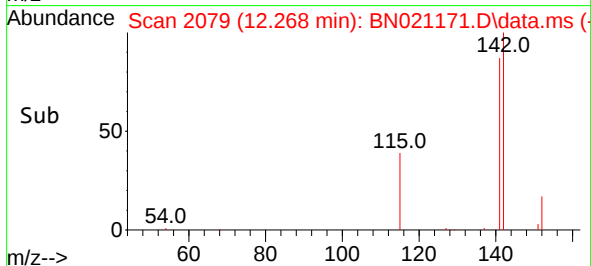
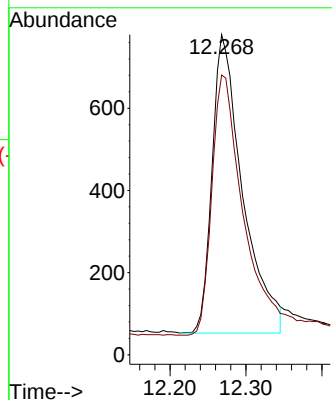
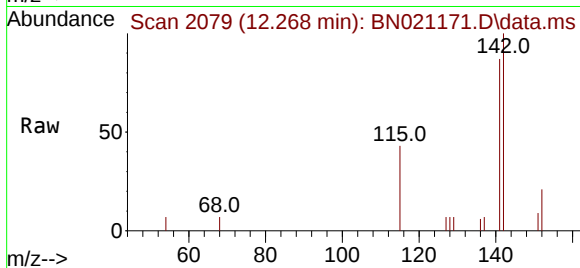
SLCS950

Tgt Ion:142 Resp: 2025

Ion Ratio Lower Upper

142 100

141 89.1 72.2 108.2



#8

1-Methylnaphthalene

Concen: 0.159 ng/ul

RT: 12.482 min Scan# 2118

Delta R.T. 0.012 min

Lab File: BN021171.D

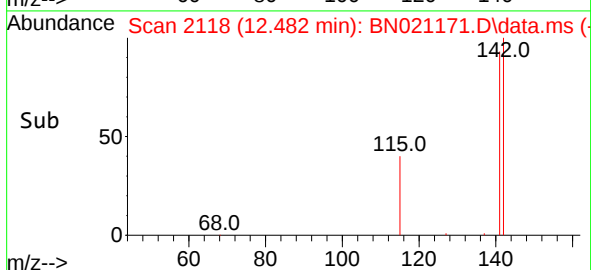
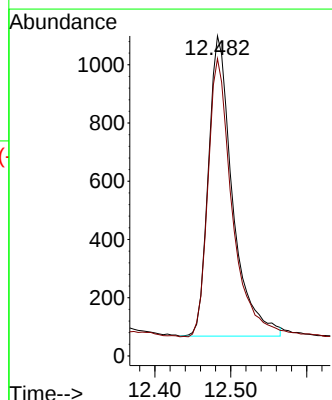
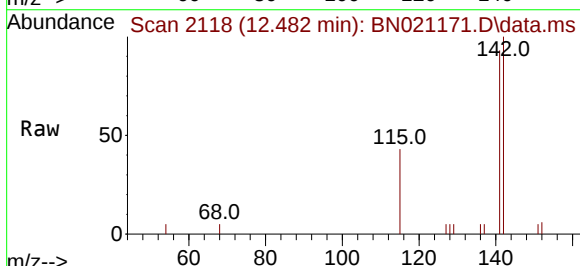
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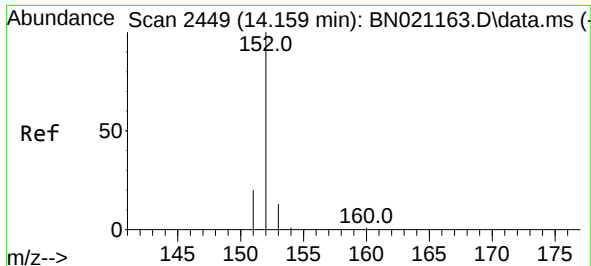
Tgt Ion:142 Resp: 2289

Ion Ratio Lower Upper

142 100

141 92.3 73.9 110.9

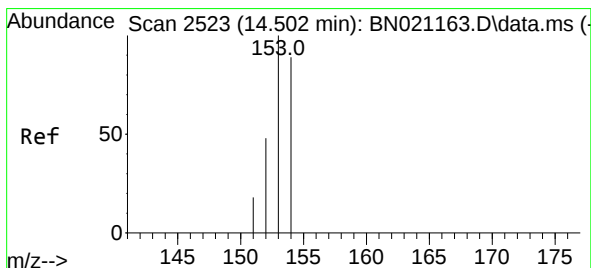
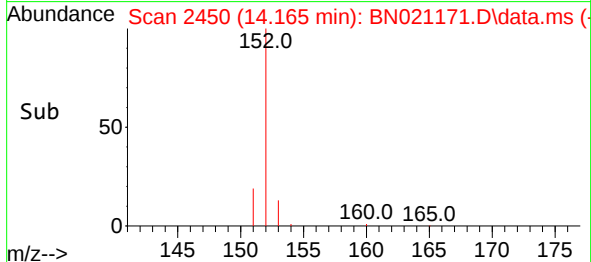
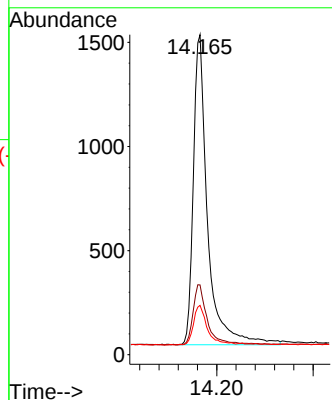
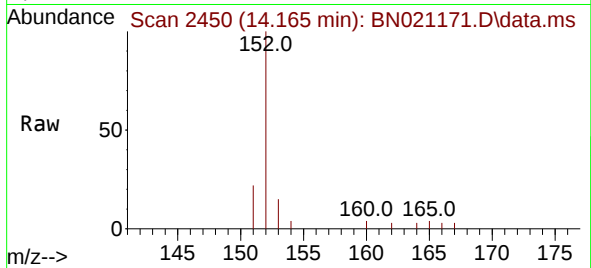




#10
Acenaphthylene
Concen: 0.144 ng/ul
RT: 14.165 min Scan# 2449
Delta R.T. 0.010 min
Lab File: BN021171.D
Acq: 12 Aug 2022 13:22

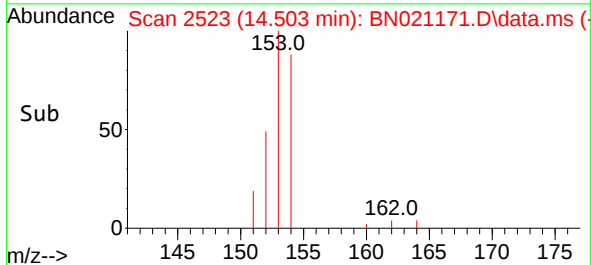
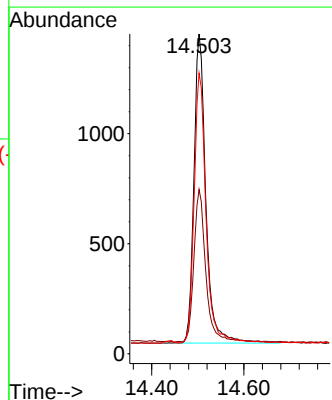
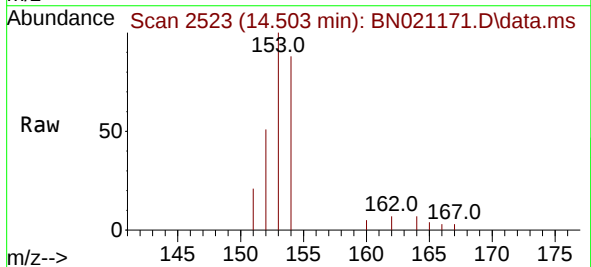
Instrument :
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ClientSampleId :
SLCS950

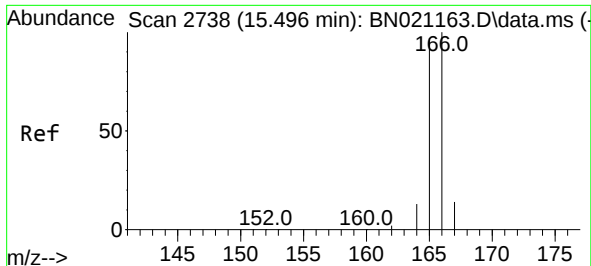
Tgt Ion:152 Resp: 3055
Ion Ratio Lower Upper
152 100
151 21.8 16.9 25.3
153 15.4 11.2 16.8



#11
Acenaphthene
Concen: 0.144 ng/ul
RT: 14.503 min Scan# 2523
Delta R.T. 0.001 min
Lab File: BN021171.D
Acq: 12 Aug 2022 13:22

Tgt Ion:153 Resp: 2525
Ion Ratio Lower Upper
153 100
152 51.4 40.2 60.4
154 87.8 70.7 106.1

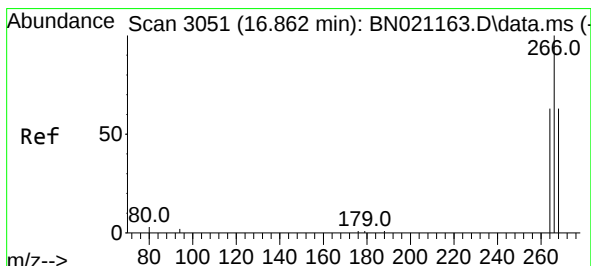
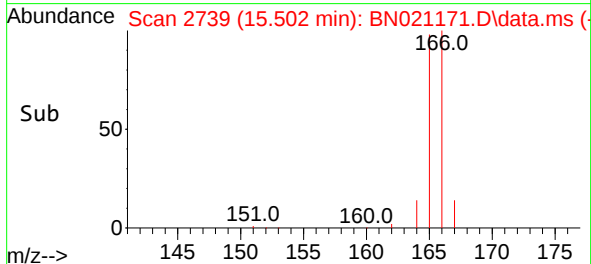
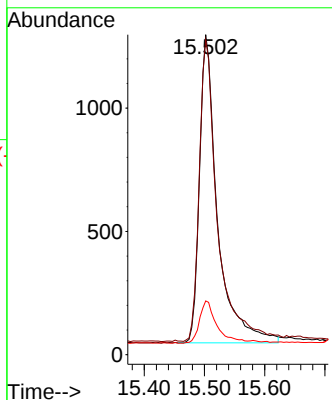
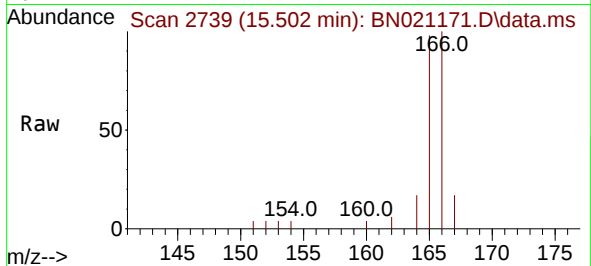




#12
Fluorene
Concen: 0.136 ng/ul
RT: 15.502 min Scan# 21
Delta R.T. 0.010 min
Lab File: BN021171.D
Acq: 12 Aug 2022 13:22

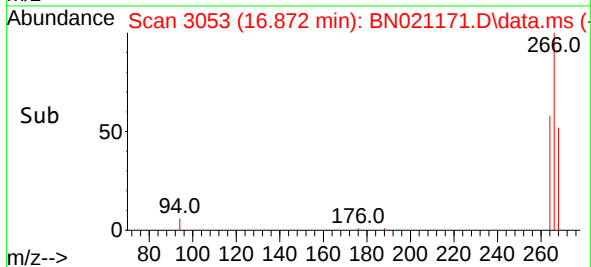
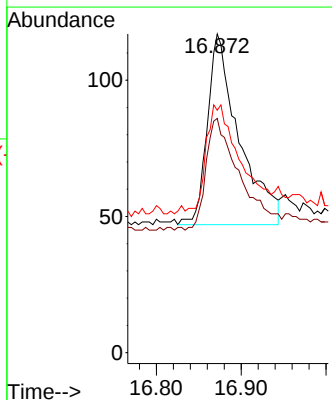
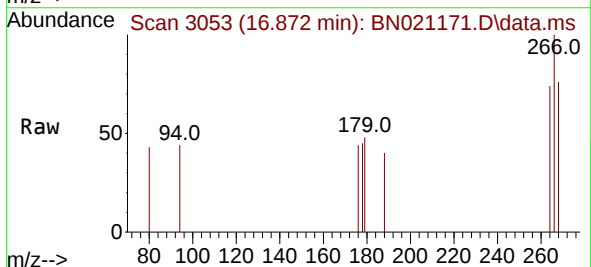
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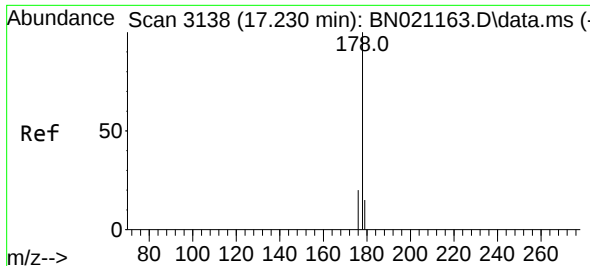
Tgt Ion:166 Resp: 2600
Ion Ratio Lower Upper
166 100
165 98.4 78.6 117.8
167 16.8 11.8 17.6



#14
Pentachlorophenol
Concen: 0.147 ng/ul
RT: 16.872 min Scan# 3053
Delta R.T. 0.018 min
Lab File: BN021171.D
Acq: 12 Aug 2022 13:22

Tgt Ion:266 Resp: 182
Ion Ratio Lower Upper
266 100
264 61.5 49.8 74.8
268 56.0 50.6 75.8

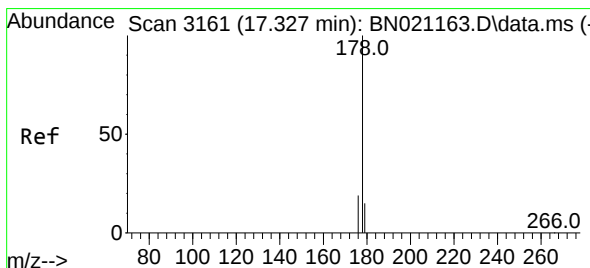
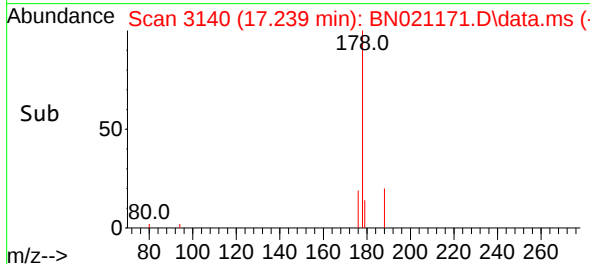
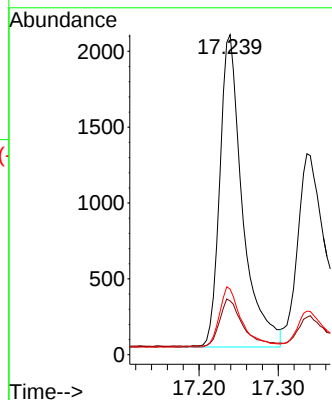
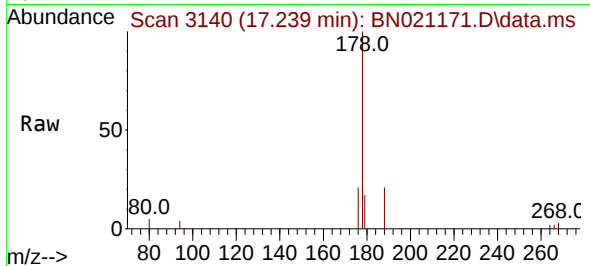




#15
Phenanthrene
Concen: 0.143 ng/u1
RT: 17.239 min Scan# 3138
Delta R.T. 0.010 min
Lab File: BN021171.D
Acq: 12 Aug 2022 13:22

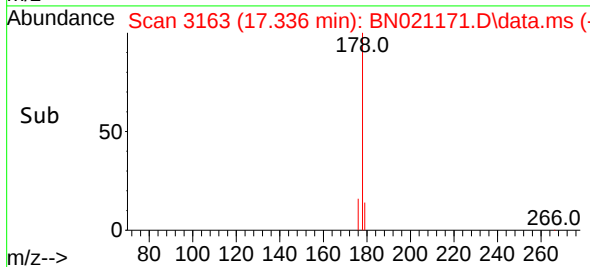
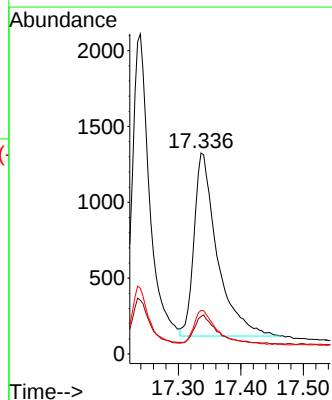
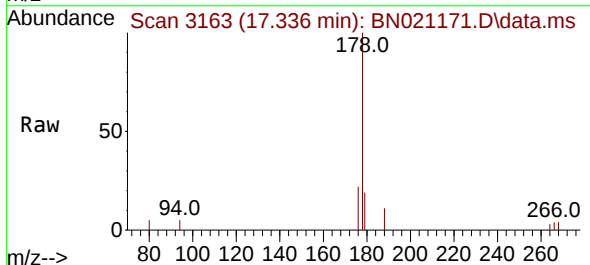
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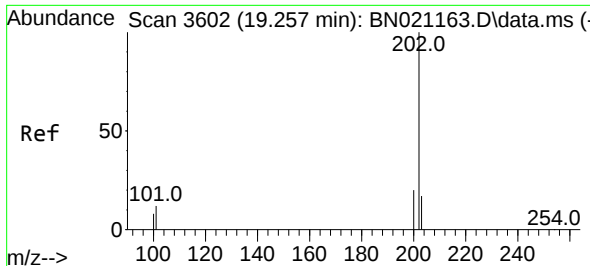
Tgt Ion:178 Resp: 4104
Ion Ratio Lower Upper
178 100
179 16.8 12.8 19.2
176 20.5 15.9 23.9



#16
Anthracene
Concen: 0.140 ng/u1
RT: 17.336 min Scan# 3163
Delta R.T. 0.014 min
Lab File: BN021171.D
Acq: 12 Aug 2022 13:22

Tgt Ion:178 Resp: 3116
Ion Ratio Lower Upper
178 100
179 18.6 12.9 19.3
176 21.7 15.9 23.9

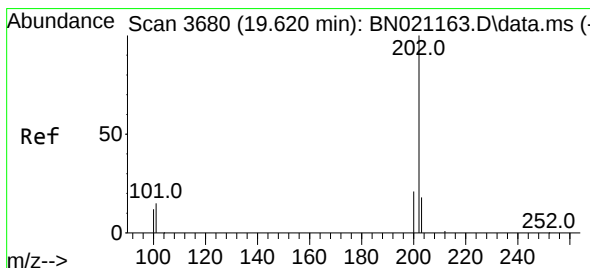
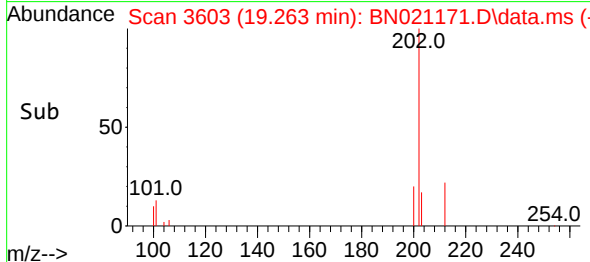
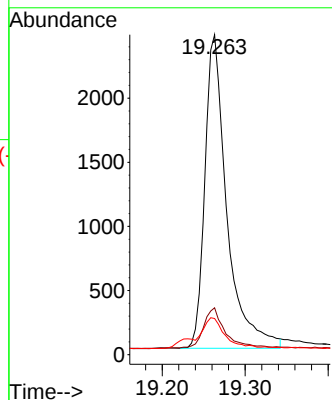
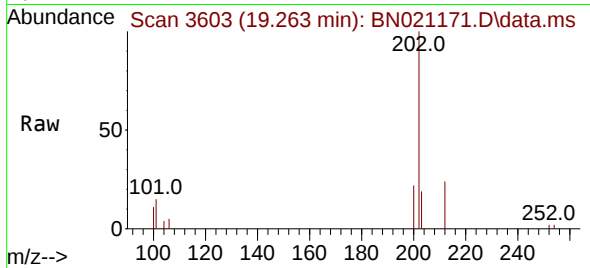




#19
Fluoranthene
Concen: 0.190 ng/u1
RT: 19.263 min Scan# 3603
Delta R.T. 0.001 min
Lab File: BN021171.D
Acq: 12 Aug 2022 13:22

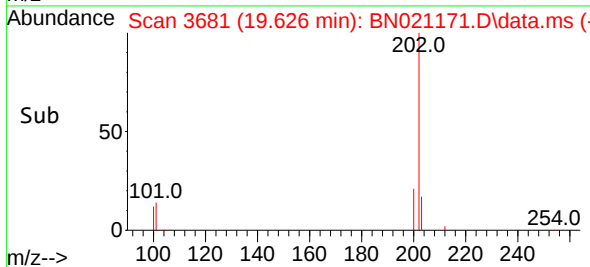
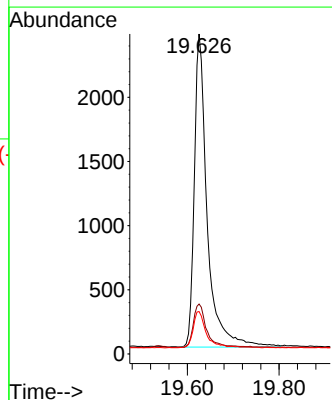
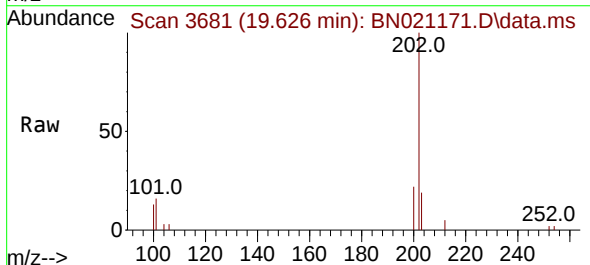
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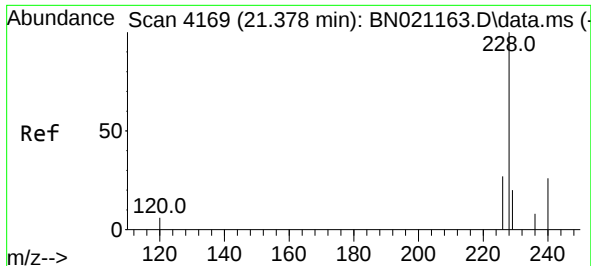
Tgt Ion:202 Resp: 4511
Ion Ratio Lower Upper
202 100
101 14.6 10.0 15.0
100 11.3 8.0 12.0



#20
Pyrene
Concen: 0.194 ng/u1
RT: 19.626 min Scan# 3681
Delta R.T. 0.001 min
Lab File: BN021171.D
Acq: 12 Aug 2022 13:22

Tgt Ion:202 Resp: 4762
Ion Ratio Lower Upper
202 100
101 15.6 11.3 16.9
100 13.2 9.0 13.4

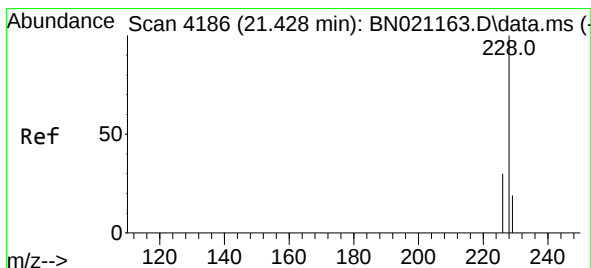
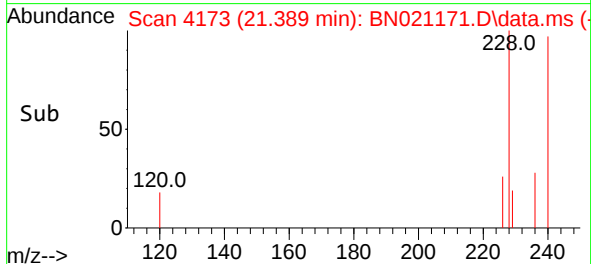
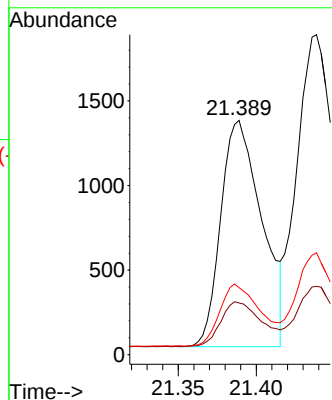
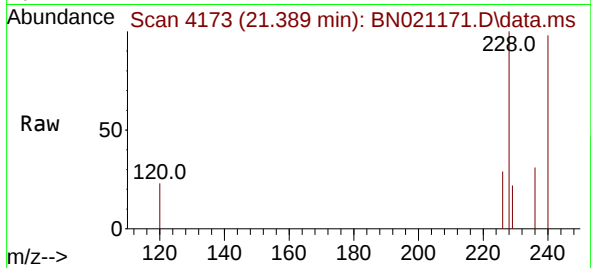




#21
Benzo(a)anthracene
Concen: 0.140 ng/ul
RT: 21.389 min Scan# 4169
Delta R.T. 0.002 min
Lab File: BN021171.D
Acq: 12 Aug 2022 13:22

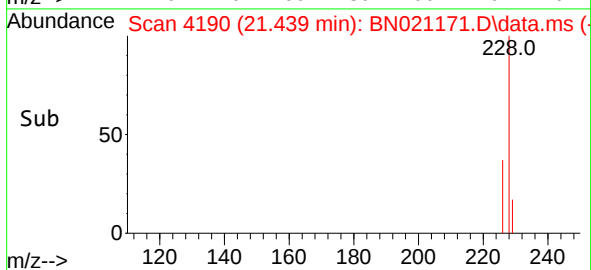
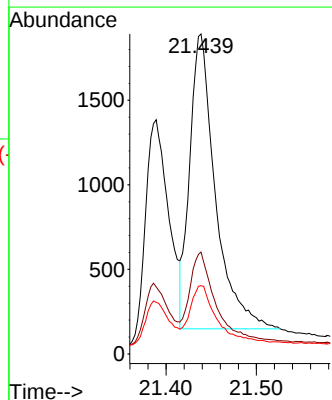
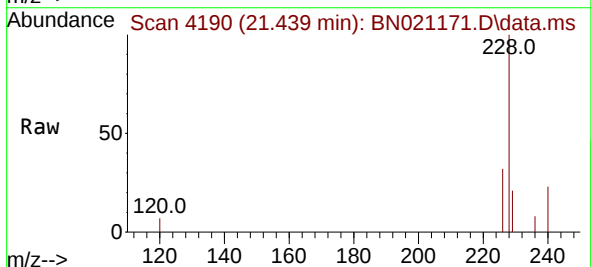
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ClientSampleId :
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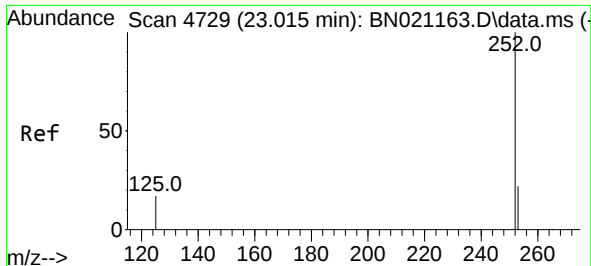
Tgt Ion:228 Resp: 2459
Ion Ratio Lower Upper
228 100
229 22.0 16.0 24.0
226 28.6 21.9 32.9



#22
Chrysene
Concen: 0.149 ng/ul
RT: 21.439 min Scan# 4190
Delta R.T. -0.004 min
Lab File: BN021171.D
Acq: 12 Aug 2022 13:22

Tgt Ion:228 Resp: 3447
Ion Ratio Lower Upper
228 100
226 31.8 24.6 37.0
229 21.4 15.8 23.8

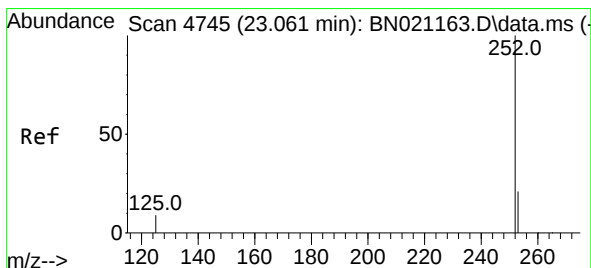
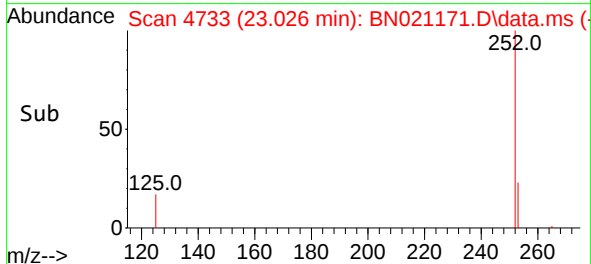
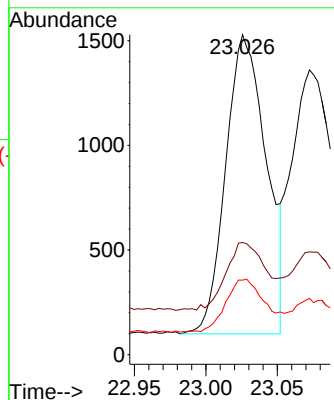
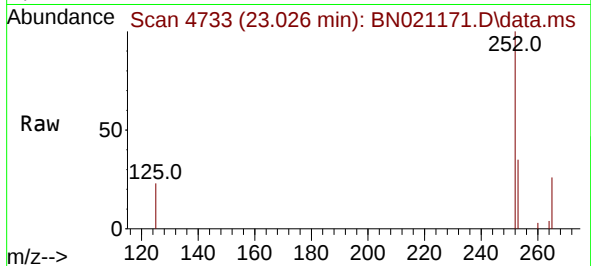




#24
Benzo(b)fluoranthene
Concen: 0.148 ng/ul
RT: 23.026 min Scan# 4733
Delta R.T. -0.004 min
Lab File: BN021171.D
Acq: 12 Aug 2022 13:22

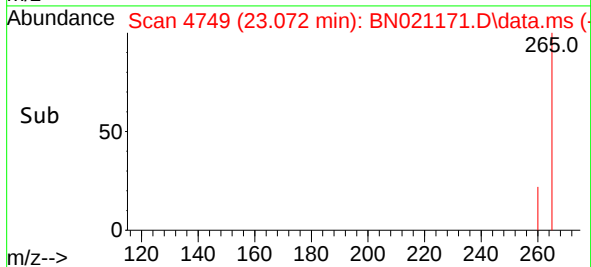
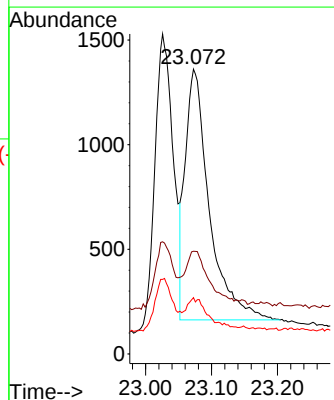
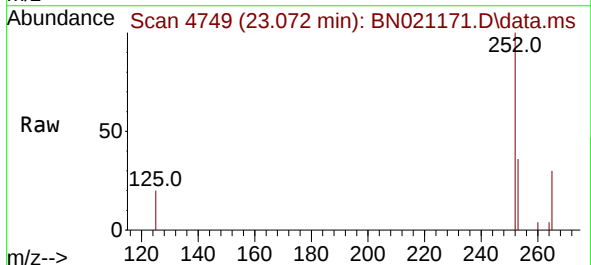
Instrument :
BNA_N
ClientSampleId :
SLCS950

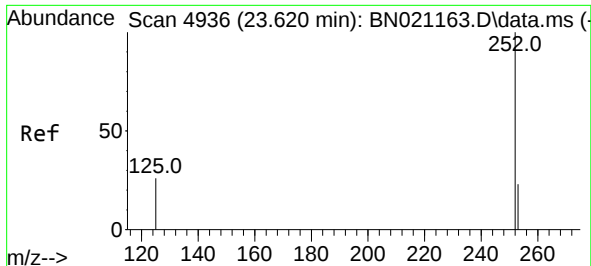
Tgt Ion:252 Resp: 2821
Ion Ratio Lower Upper
252 100
253 35.1 0.0 50.8
125 23.3 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.151 ng/ul
RT: 23.072 min Scan# 4749
Delta R.T. -0.004 min
Lab File: BN021171.D
Acq: 12 Aug 2022 13:22

Tgt Ion:252 Resp: 3037
Ion Ratio Lower Upper
252 100
253 36.1 20.6 31.0#
125 19.8 11.8 17.6#

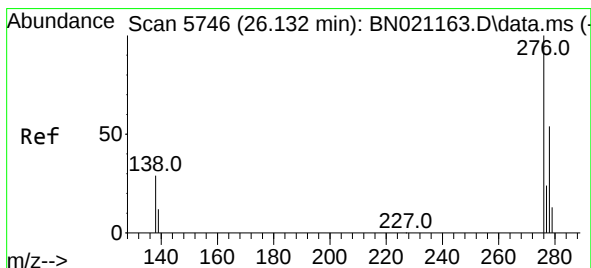
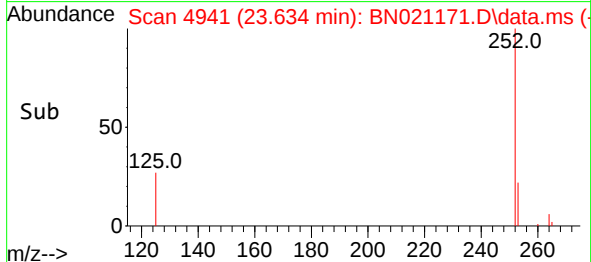
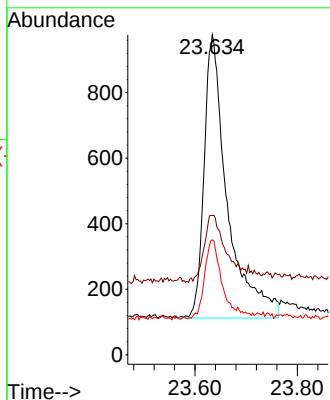
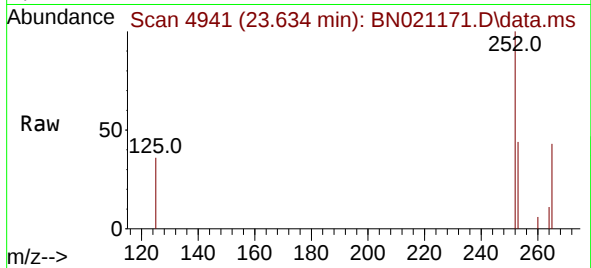




#26
Benzo(a)pyrene
Concen: 0.157 ng/ul
RT: 23.634 min Scan# 4936
Delta R.T. -0.001 min
Lab File: BN021171.D
Acq: 12 Aug 2022 13:22

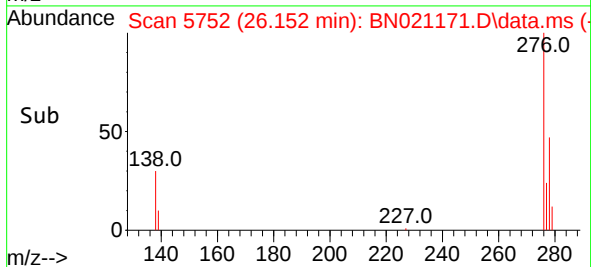
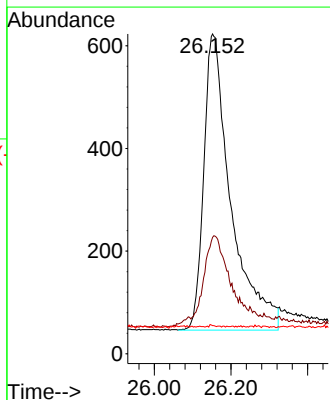
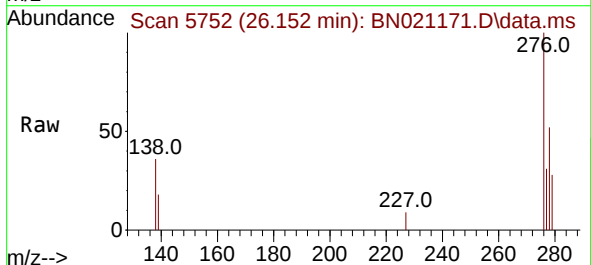
Instrument :
BNA_N
ClientSampleId :
SLCS950

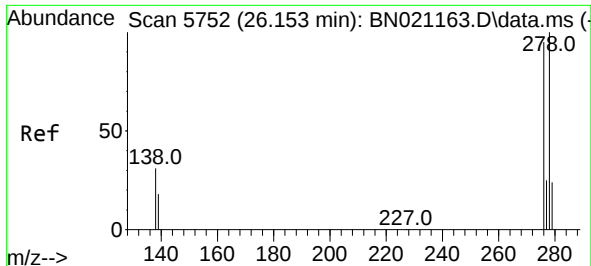
Tgt Ion:252 Resp: 2726
Ion Ratio Lower Upper
252 100
253 43.5 22.1 33.1#
125 35.9 14.7 22.1#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.137 ng/ul
RT: 26.152 min Scan# 5752
Delta R.T. 0.003 min
Lab File: BN021171.D
Acq: 12 Aug 2022 13:22

Tgt Ion:276 Resp: 2833
Ion Ratio Lower Upper
276 100
138 28.7 26.1 39.1
227 0.1 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.132 ng/ul

RT: 26.172 min Scan# 51

Delta R.T. 0.006 min

Lab File: BN021171.D

Acq: 12 Aug 2022 13:22

Instrument :

BNA_N

ClientSampleId :

SLCS950

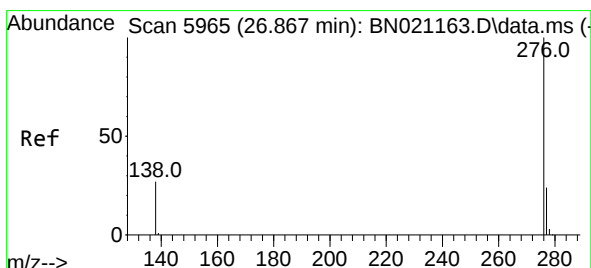
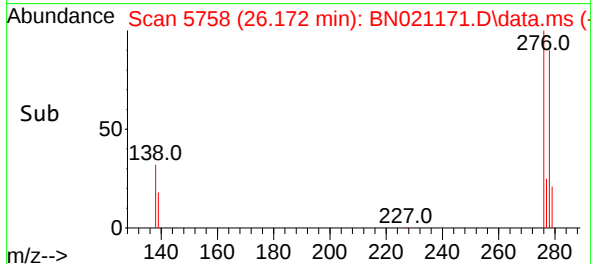
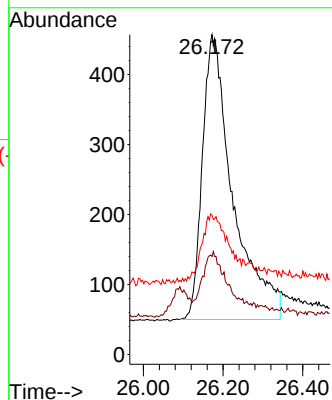
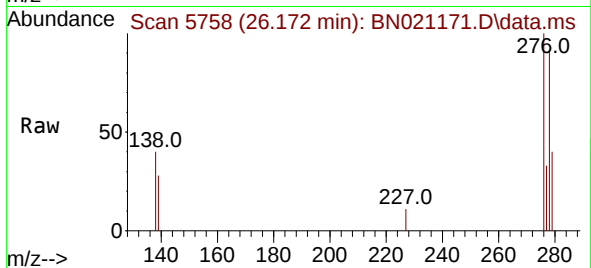
Tgt Ion:278 Resp: 2169

Ion Ratio Lower Upper

278 100

139 30.6 18.3 27.5#

279 43.5 23.9 35.9#



#29

Benzo(g,h,i)perylene

Concen: 0.149 ng/ul

RT: 26.883 min Scan# 5970

Delta R.T. -0.004 min

Lab File: BN021171.D

Acq: 12 Aug 2022 13:22

Tgt Ion:276 Resp: 2756

Ion Ratio Lower Upper

276 100

138 33.8 22.6 34.0

277 30.5 20.2 30.2#

