

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080422\
 Data File : BN021008.D
 Acq On : 05 Aug 2022 02:55
 Operator : CG/JU
 Sample : PB146574BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS574

Quant Time: Aug 05 03:25:42 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 : Wed Aug 03 16:31:11 2022
 Response via : Initial Calibration

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

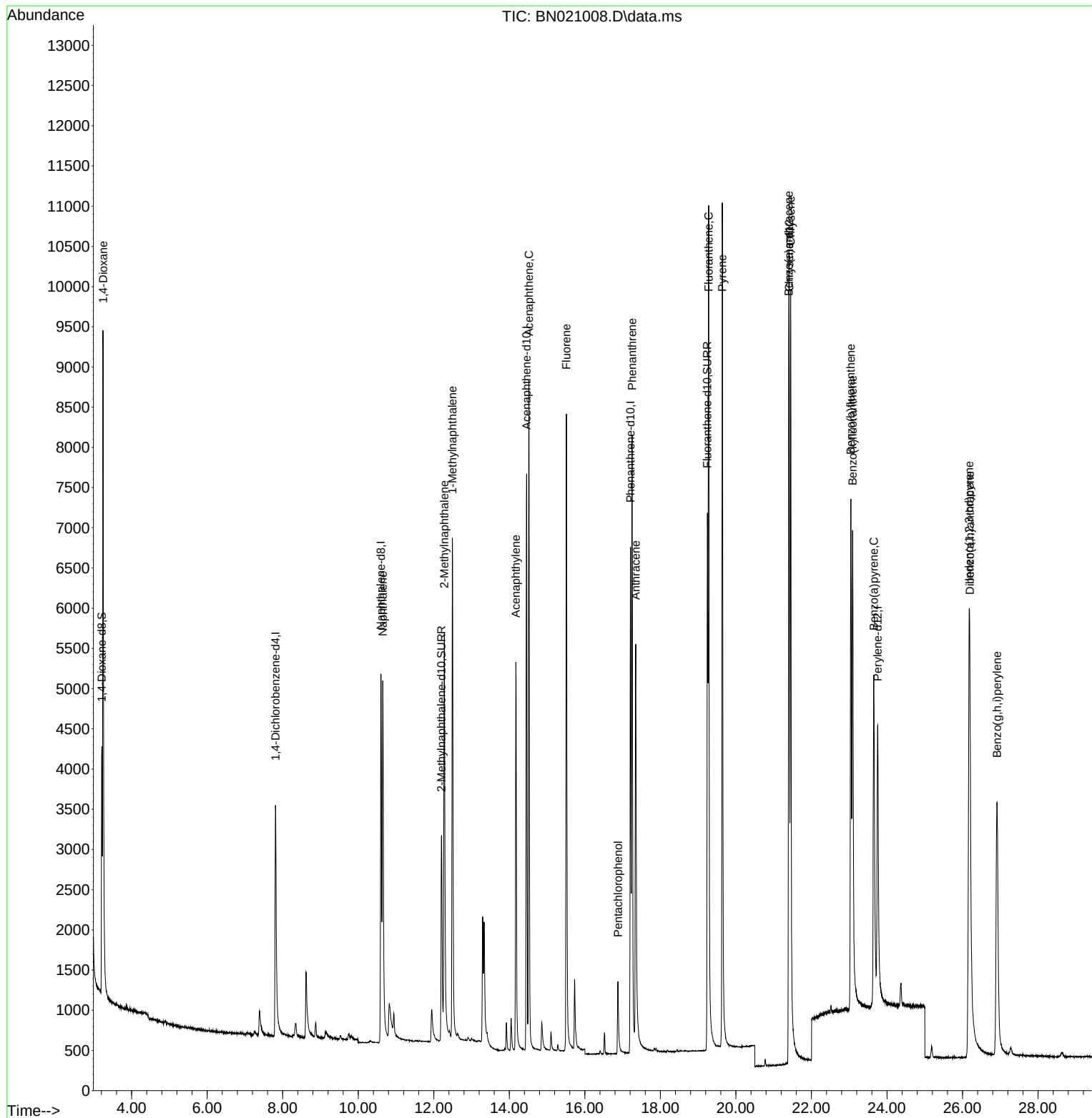
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.809	152	2315	0.400	ng/ul	0.00
4) Naphthalene-d8	10.601	136	7412	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.456	164	4172	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.209	188	8031	0.400	ng/ul	0.00
17) Chrysene-d12	21.412	240	6587	0.400	ng/ul	0.00
23) Perylene-d12	23.756	264	5586	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.210	96	2084	0.704	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.202	152	4257	0.392	ng/ul	0.00
18) Fluoranthene-d10	19.244	212	8615	0.424	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.244	88	5674	1.860	ng/ul#	84
5) Naphthalene	10.651	128	7605	0.334	ng/ul	100
7) 2-Methylnaphthalene	12.279	142	4636	0.336	ng/ul	100
8) 1-Methylnaphthalene	12.493	142	5083	0.368	ng/ul	100
10) Acenaphthylene	14.174	152	6542	0.335	ng/ul	99
11) Acenaphthene	14.516	153	5374	0.333	ng/ul	99
12) Fluorene	15.511	166	5834	0.331	ng/ul	99
14) Pentachlorophenol	16.876	266	834	0.673	ng/ul	99
15) Phenanthrene	17.251	178	9411	0.328	ng/ul	100
16) Anthracene	17.349	178	7634	0.343	ng/ul	99
19) Fluoranthene	19.277	202	10334	0.354	ng/ul	99
20) Pyrene	19.639	202	10644	0.354	ng/ul	97
21) Benzo(a)anthracene	21.397	228	7861	0.366	ng/ul	99
22) Chrysene	21.450	228	9811	0.347	ng/ul	100
24) Benzo(b)fluoranthene	23.043	252	9147	0.354	ng/ul	98
25) Benzo(k)fluoranthene	23.090	252	9246	0.339	ng/ul	99
26) Benzo(a)pyrene	23.651	252	8290	0.351	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.175	276	9035	0.321	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.192	278	7166	0.322	ng/ul	98
29) Benzo(g,h,i)perylene	26.913	276	8050	0.320	ng/ul	99

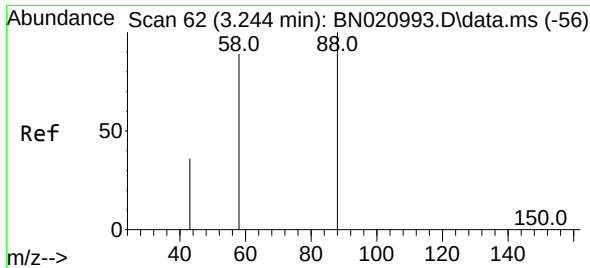
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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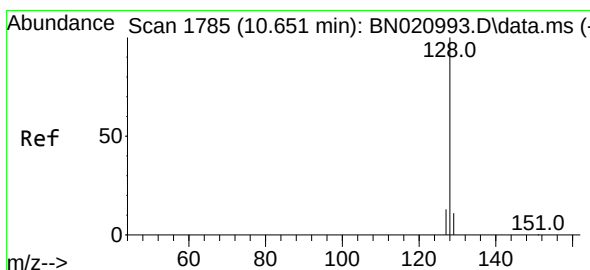
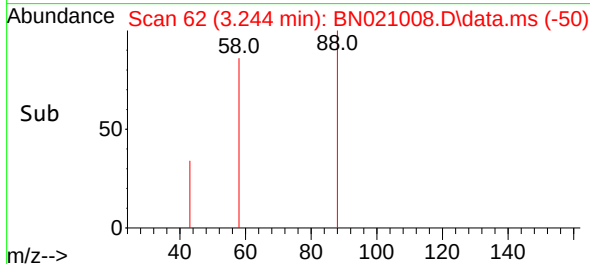
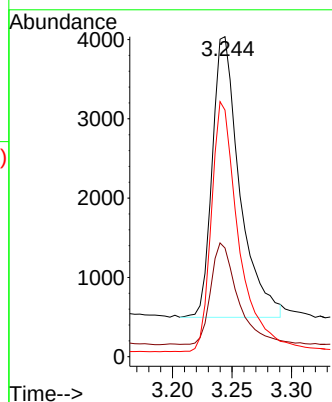
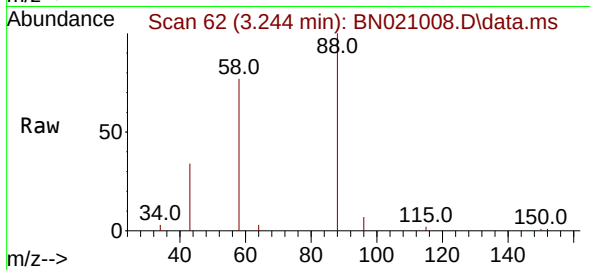




#2
 1,4-Dioxane
 Concen: 1.860 ng/ul
 RT: 3.244 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN021008.D
 Acq: 05 Aug 2022 02:55

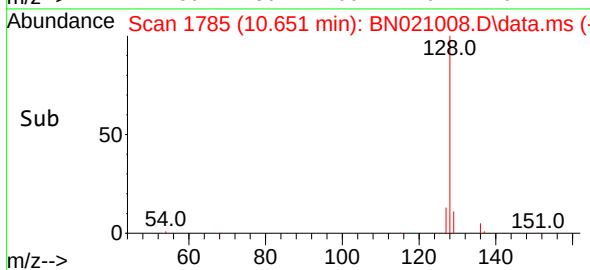
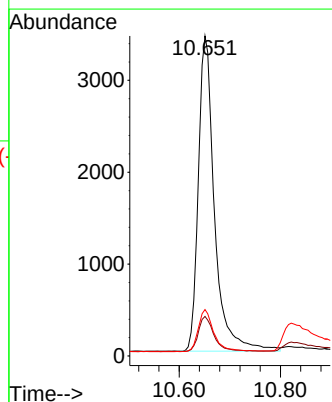
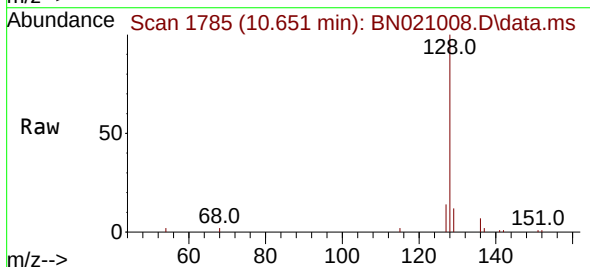
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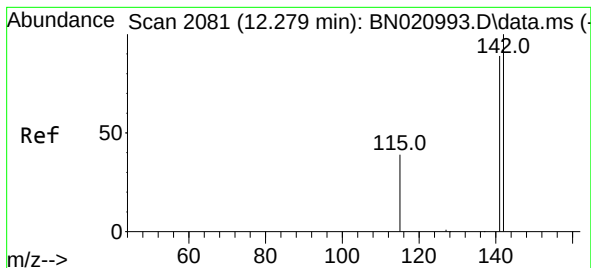
Tgt Ion: 88 Resp: 5674
 Ion Ratio Lower Upper
 88 100
 43 33.9 31.4 47.0
 58 77.1 49.0 73.6#



#5
 Naphthalene
 Concen: 0.334 ng/ul
 RT: 10.651 min Scan# 1785
 Delta R.T. -0.000 min
 Lab File: BN021008.D
 Acq: 05 Aug 2022 02:55

Tgt Ion: 128 Resp: 7605
 Ion Ratio Lower Upper
 128 100
 129 12.3 9.8 14.6
 127 14.5 11.6 17.4

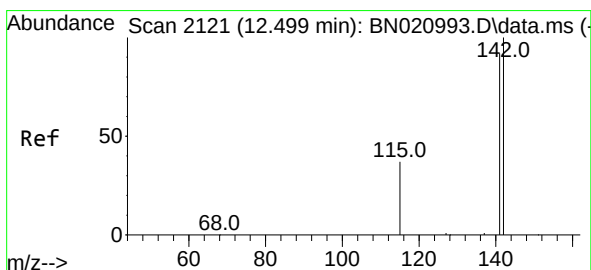
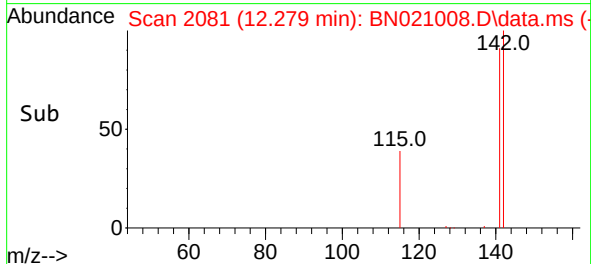
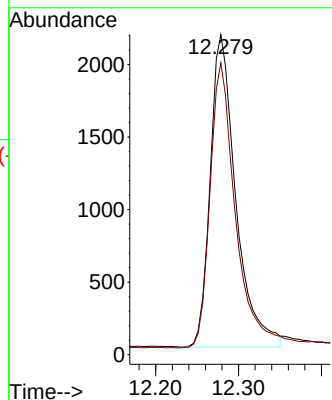
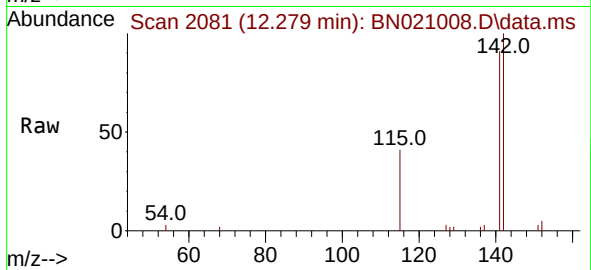




#7
2-Methylnaphthalene
Concen: 0.336 ng/ul
RT: 12.279 min Scan# 2081
Delta R.T. -0.000 min
Lab File: BN021008.D
Acq: 05 Aug 2022 02:55

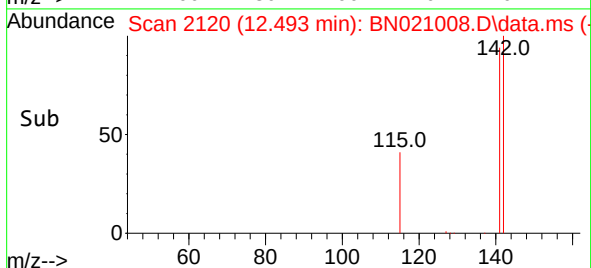
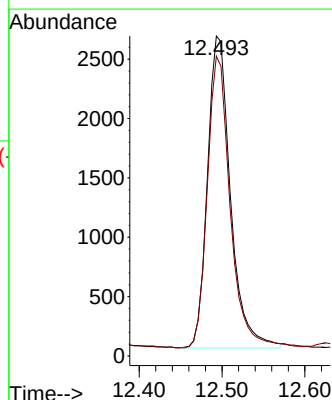
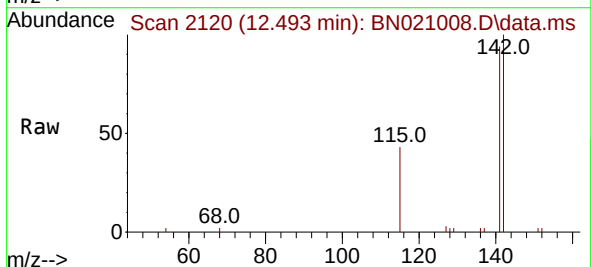
Instrument :
BNA_N
ClientSampleId :
SLCS574

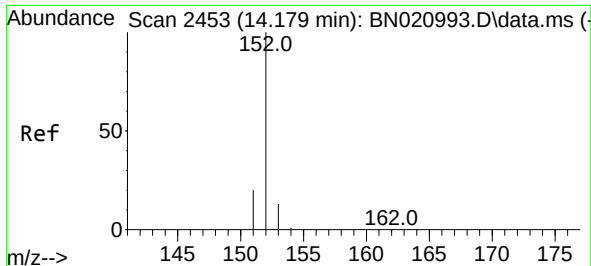
Tgt Ion:142 Resp: 4636
Ion Ratio Lower Upper
142 100
141 90.1 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.368 ng/ul
RT: 12.493 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BN021008.D
Acq: 05 Aug 2022 02:55

Tgt Ion:142 Resp: 5083
Ion Ratio Lower Upper
142 100
141 92.5 73.9 110.9

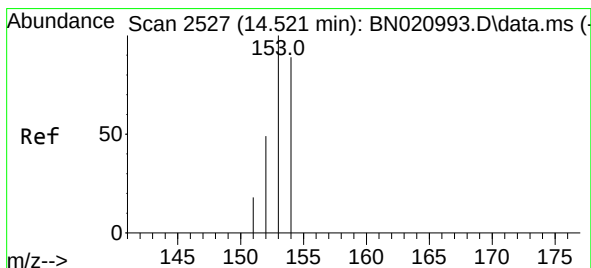
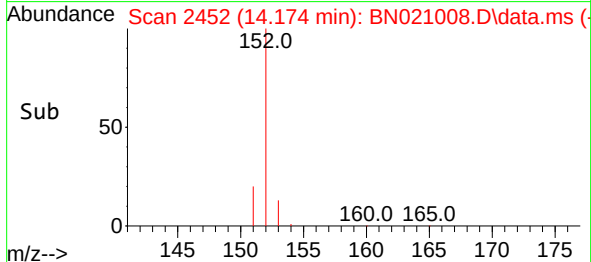
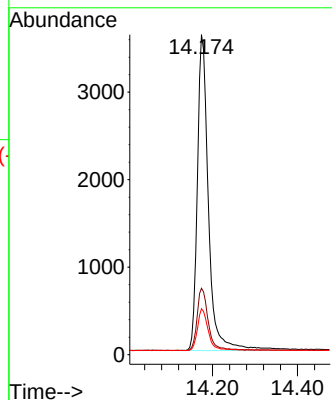
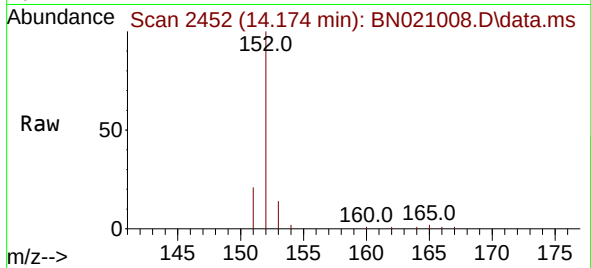




#10
Acenaphthylene
Concen: 0.335 ng/ul
RT: 14.174 min Scan# 2452
Delta R.T. -0.005 min
Lab File: BN021008.D
Acq: 05 Aug 2022 02:55

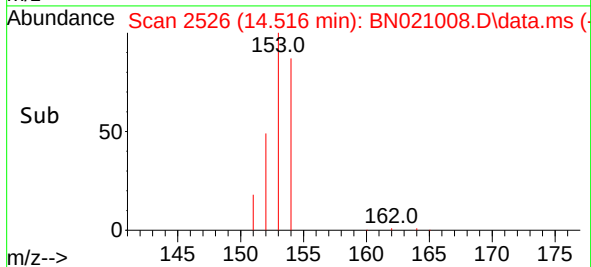
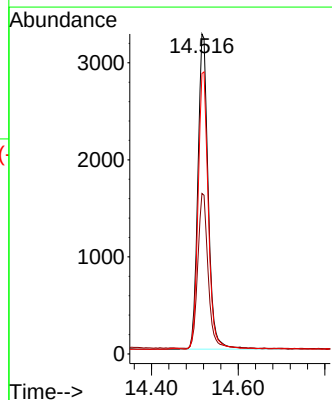
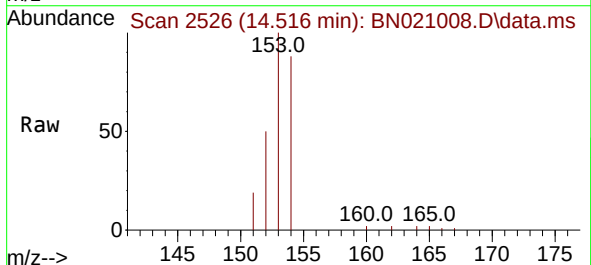
Instrument :
BNA_N
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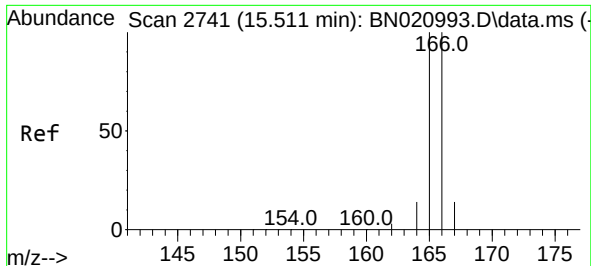
Tgt Ion:152 Resp: 6542
Ion Ratio Lower Upper
152 100
151 20.8 16.9 25.3
153 14.4 11.2 16.8



#11
Acenaphthene
Concen: 0.333 ng/ul
RT: 14.516 min Scan# 2526
Delta R.T. -0.005 min
Lab File: BN021008.D
Acq: 05 Aug 2022 02:55

Tgt Ion:153 Resp: 5374
Ion Ratio Lower Upper
153 100
152 50.1 40.2 60.4
154 87.7 70.7 106.1

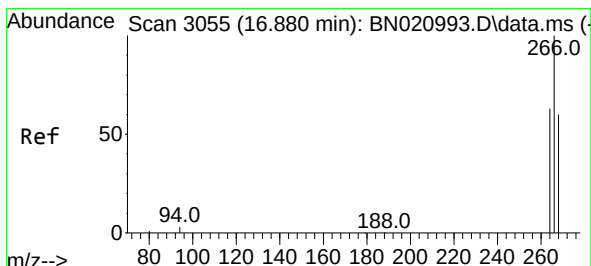
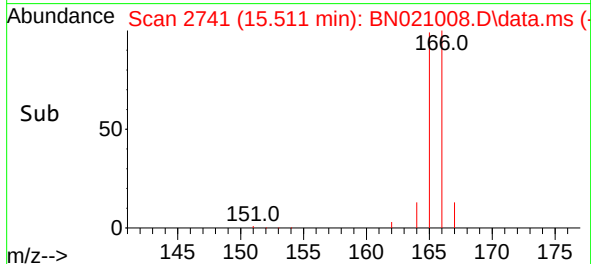
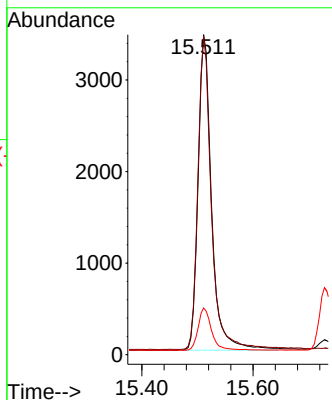
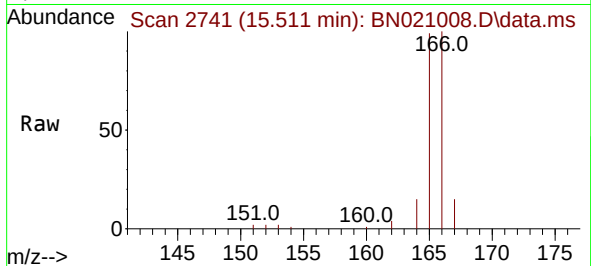




#12
Fluorene
Concen: 0.331 ng/ul
RT: 15.511 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN021008.D
Acq: 05 Aug 2022 02:55

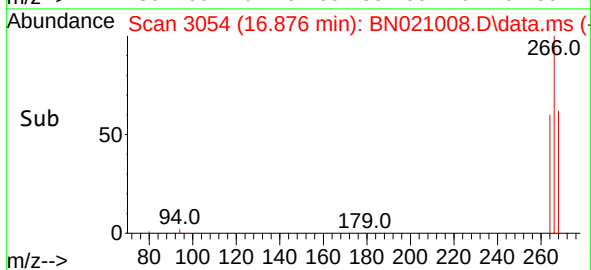
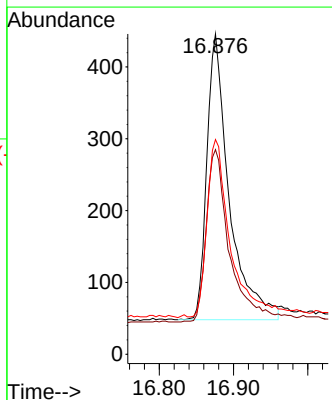
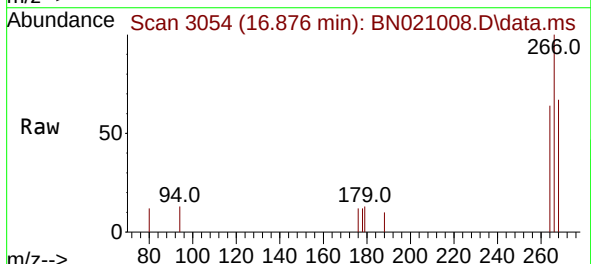
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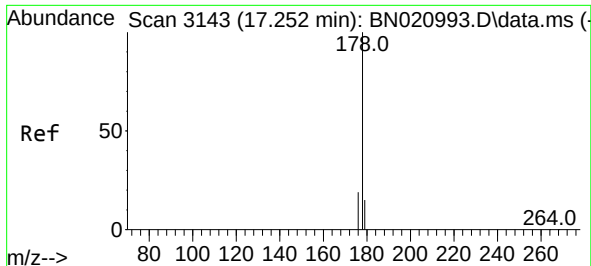
Tgt Ion:166 Resp: 5834
Ion Ratio Lower Upper
166 100
165 99.4 78.6 117.8
167 14.6 11.8 17.6



#14
Pentachlorophenol
Concen: 0.673 ng/ul
RT: 16.876 min Scan# 3054
Delta R.T. -0.004 min
Lab File: BN021008.D
Acq: 05 Aug 2022 02:55

Tgt Ion:266 Resp: 834
Ion Ratio Lower Upper
266 100
264 62.8 49.8 74.8
268 64.3 50.6 75.8

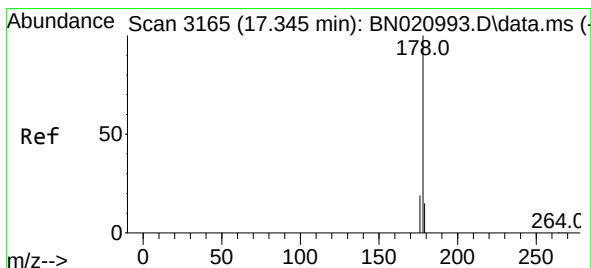
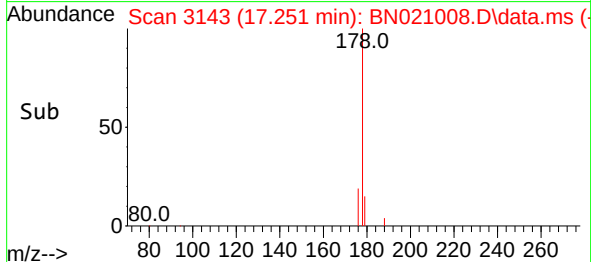
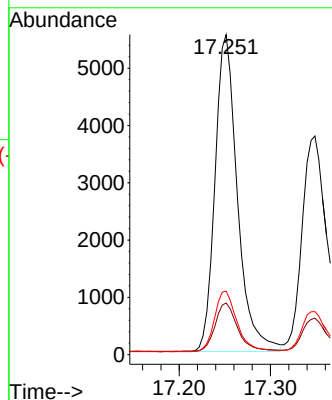
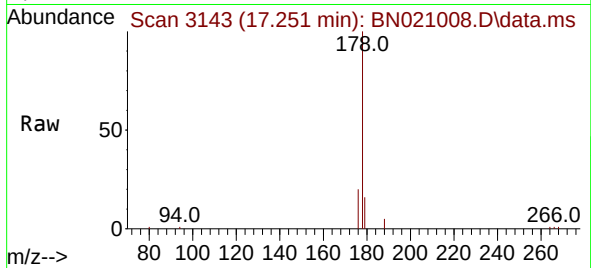




#15
Phenanthrene
Concen: 0.328 ng/ul
RT: 17.251 min Scan# 3143
Delta R.T. -0.000 min
Lab File: BN021008.D
Acq: 05 Aug 2022 02:55

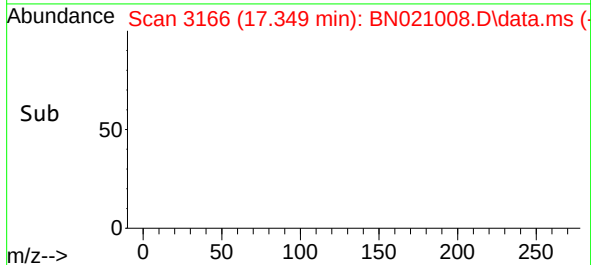
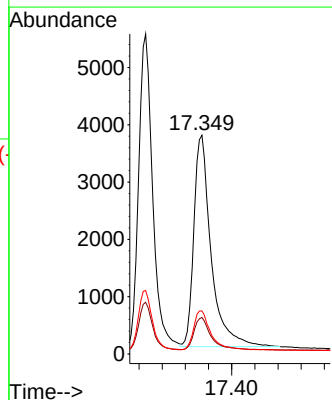
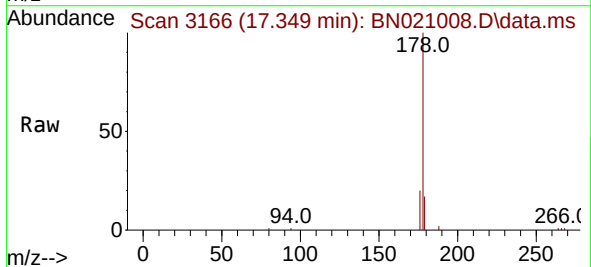
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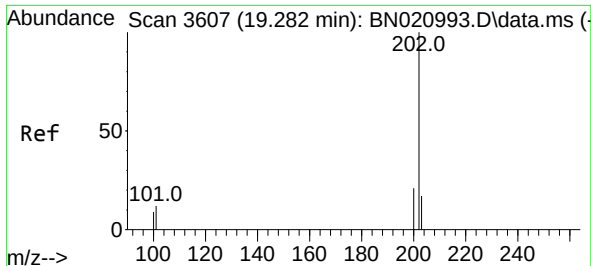
Tgt Ion:178 Resp: 9411
Ion Ratio Lower Upper
178 100
179 16.2 12.8 19.2
176 19.8 15.9 23.9



#16
Anthracene
Concen: 0.343 ng/ul
RT: 17.349 min Scan# 3166
Delta R.T. -0.000 min
Lab File: BN021008.D
Acq: 05 Aug 2022 02:55

Tgt Ion:178 Resp: 7634
Ion Ratio Lower Upper
178 100
179 16.7 12.9 19.3
176 19.7 15.9 23.9

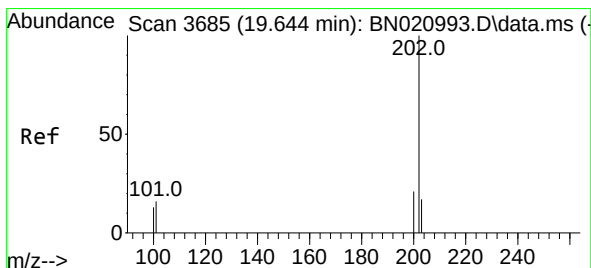
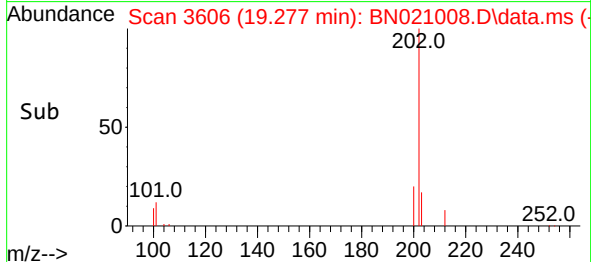
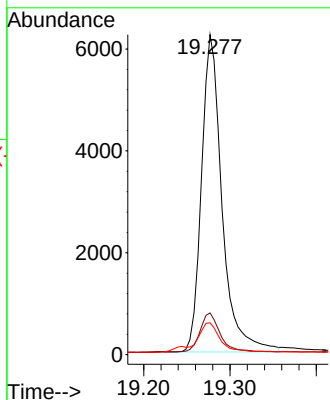
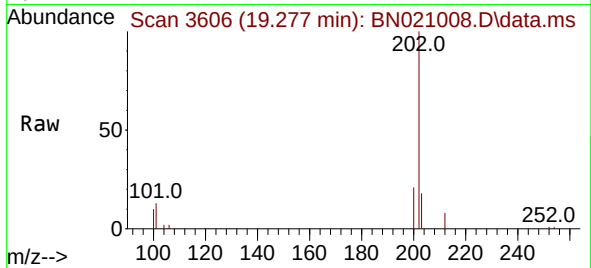




#19
Fluoranthene
Concen: 0.354 ng/ul
RT: 19.277 min Scan# 3606
Delta R.T. -0.005 min
Lab File: BN021008.D
Acq: 05 Aug 2022 02:55

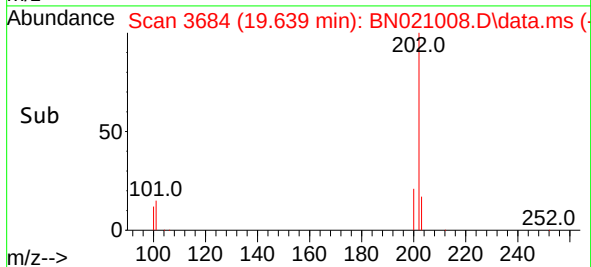
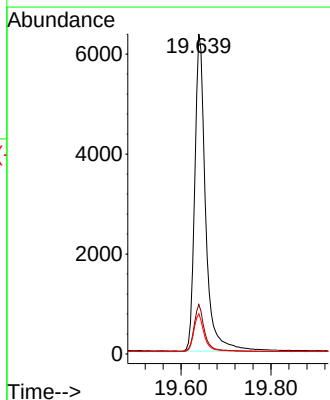
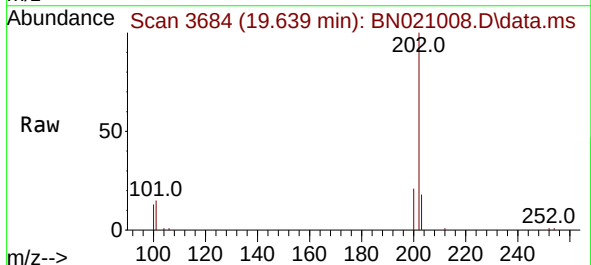
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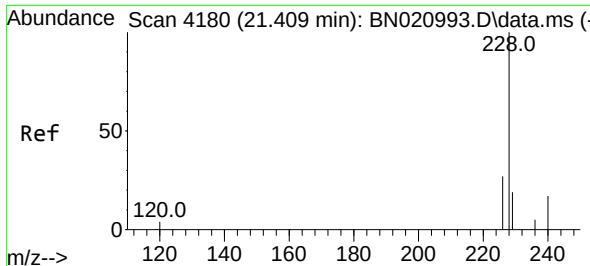
Tgt Ion:202 Resp: 10334
Ion Ratio Lower Upper
202 100
101 13.1 10.0 15.0
100 10.0 8.0 12.0



#20
Pyrene
Concen: 0.354 ng/ul
RT: 19.639 min Scan# 3684
Delta R.T. -0.005 min
Lab File: BN021008.D
Acq: 05 Aug 2022 02:55

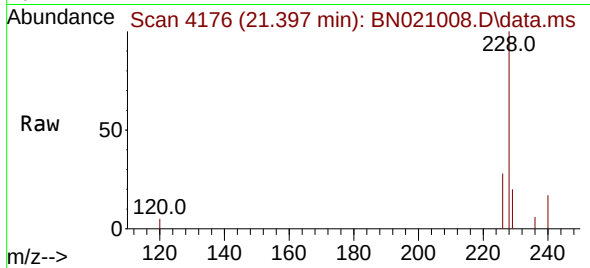
Tgt Ion:202 Resp: 10644
Ion Ratio Lower Upper
202 100
101 15.5 11.3 16.9
100 12.6 9.0 13.4



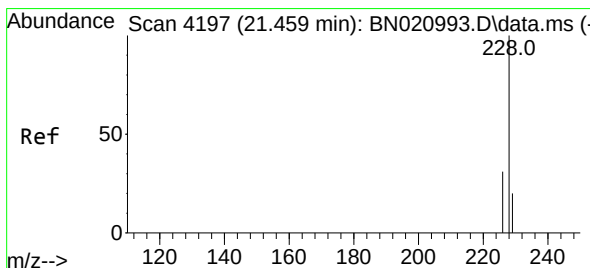
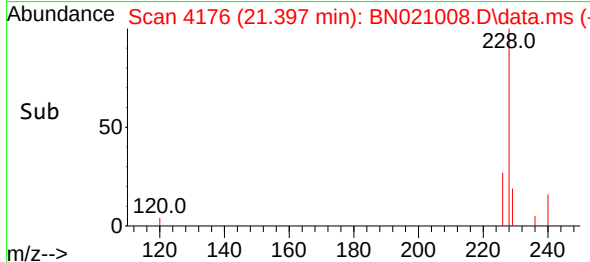
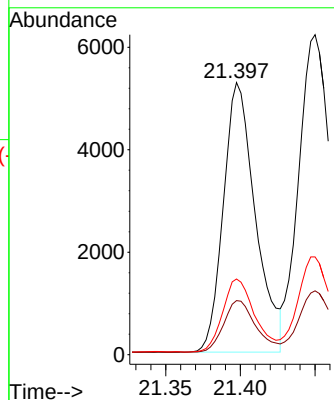


#21
Benzo(a)anthracene
Concen: 0.366 ng/ul
RT: 21.397 min Scan# 4176
Delta R.T. -0.009 min
Lab File: BN021008.D
Acq: 05 Aug 2022 02:55

Instrument :
BNA_N
ClientSampleId :
SLCS574

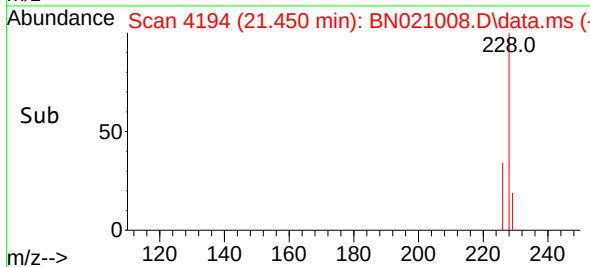
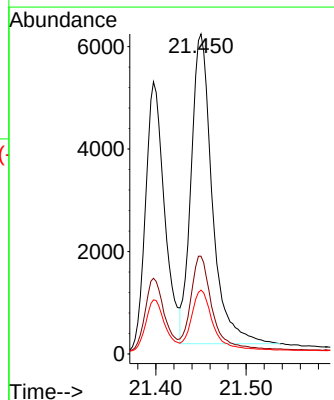
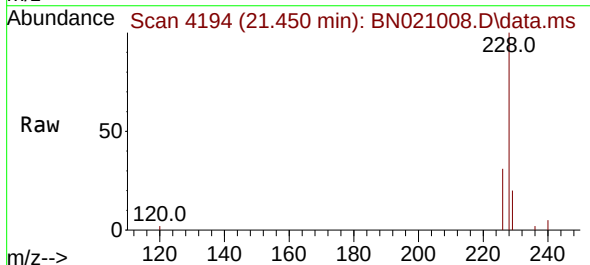


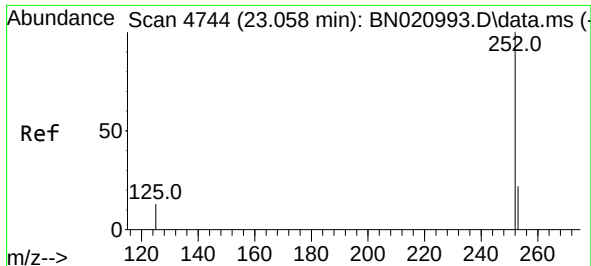
Tgt Ion:228 Resp: 7861
Ion Ratio Lower Upper
228 100
229 19.9 16.0 24.0
226 27.8 21.9 32.9



#22
Chrysene
Concen: 0.347 ng/ul
RT: 21.450 min Scan# 4194
Delta R.T. -0.009 min
Lab File: BN021008.D
Acq: 05 Aug 2022 02:55

Tgt Ion:228 Resp: 9811
Ion Ratio Lower Upper
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226 30.5 24.6 37.0
229 20.0 15.8 23.8

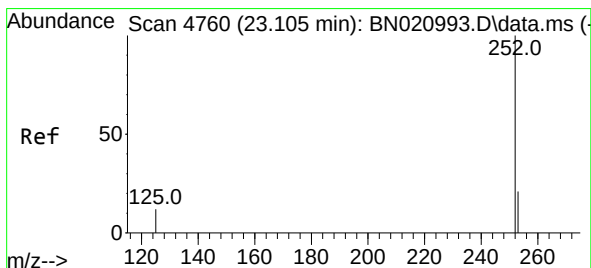
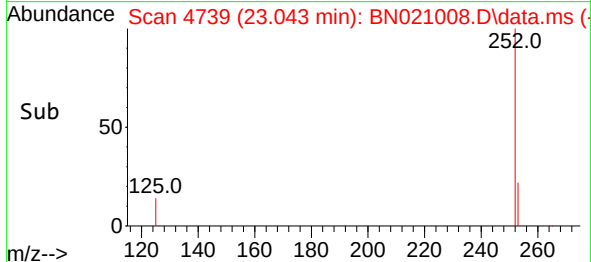
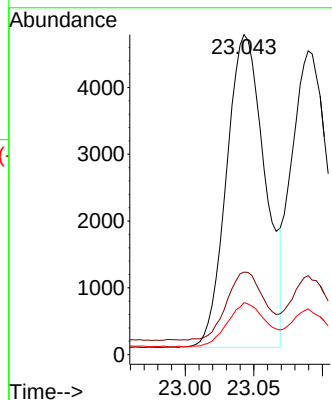
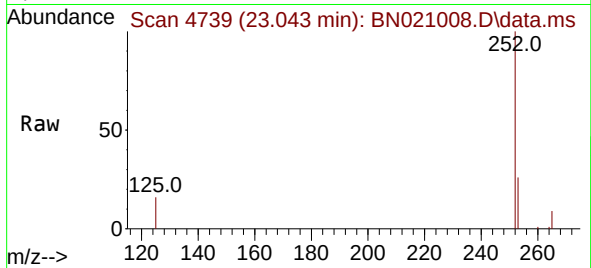




#24
Benzo(b)fluoranthene
Concen: 0.354 ng/ul
RT: 23.043 min Scan# 4744
Delta R.T. -0.009 min
Lab File: BN021008.D
Acq: 05 Aug 2022 02:55

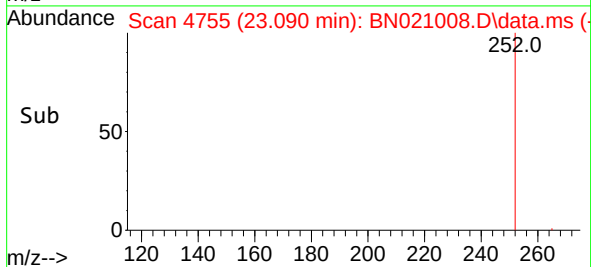
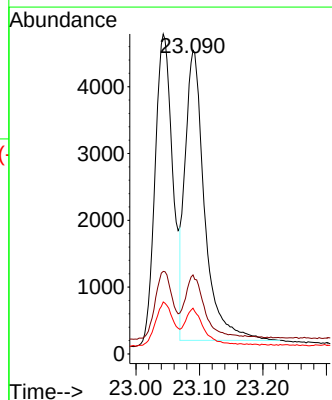
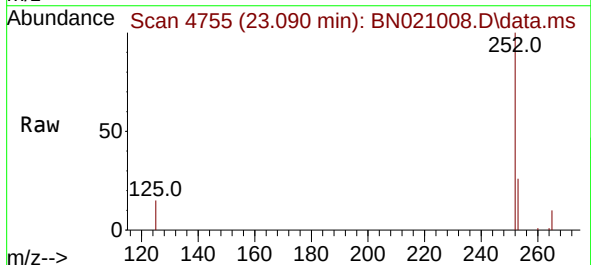
Instrument :
BNA_N
ClientSampleId :
SLCS574

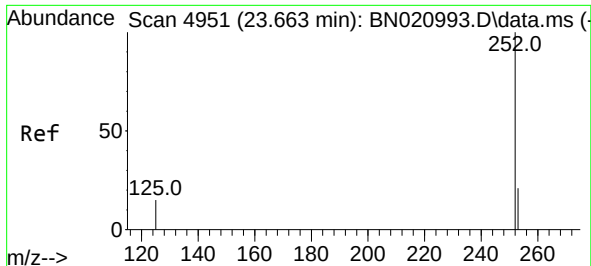
Tgt Ion:252 Resp: 9147
Ion Ratio Lower Upper
252 100
253 25.8 0.0 50.8
125 16.3 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.339 ng/ul
RT: 23.090 min Scan# 4755
Delta R.T. -0.009 min
Lab File: BN021008.D
Acq: 05 Aug 2022 02:55

Tgt Ion:252 Resp: 9246
Ion Ratio Lower Upper
252 100
253 26.0 20.6 31.0
125 15.1 11.8 17.6

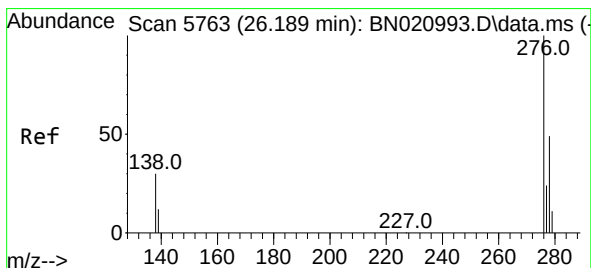
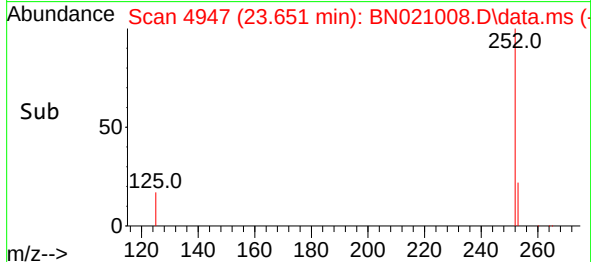
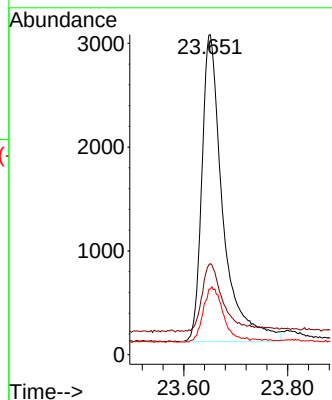
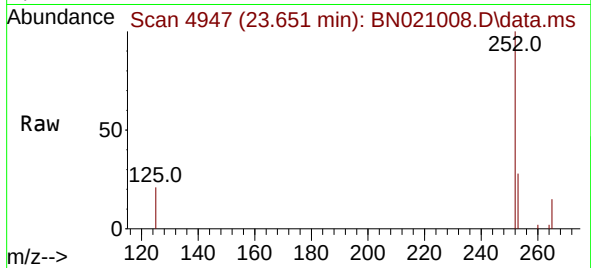




#26
Benzo(a)pyrene
Concen: 0.351 ng/ul
RT: 23.651 min Scan# 4951
Delta R.T. -0.009 min
Lab File: BN021008.D
Acq: 05 Aug 2022 02:55

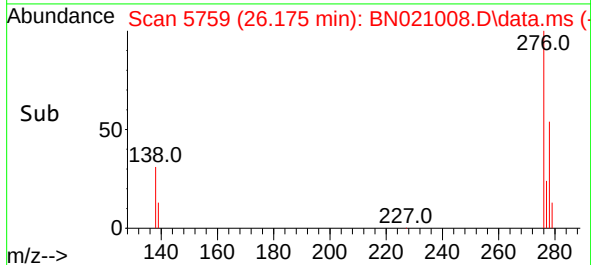
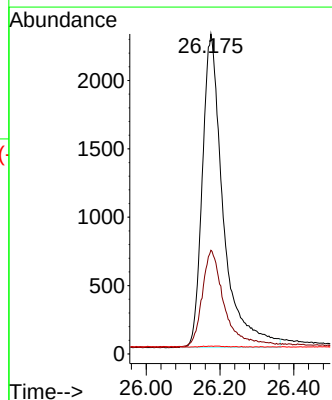
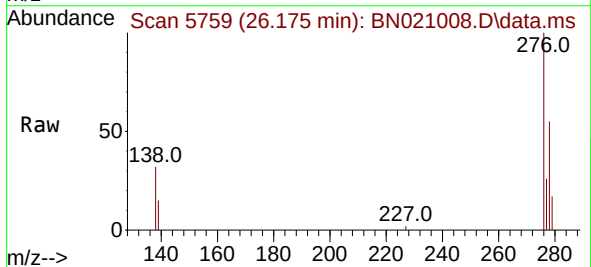
Instrument :
BNA_N
ClientSampleId :
SLCS574

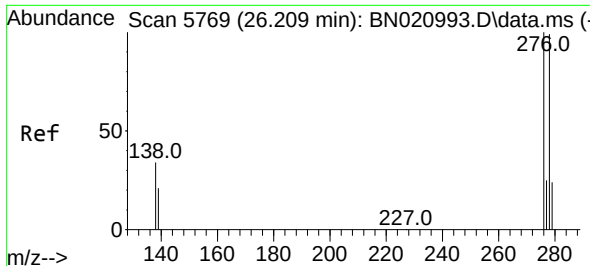
Tgt Ion:252 Resp: 8290
Ion Ratio Lower Upper
252 100
253 28.4 22.1 33.1
125 20.6 14.7 22.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.321 ng/ul
RT: 26.175 min Scan# 5759
Delta R.T. -0.010 min
Lab File: BN021008.D
Acq: 05 Aug 2022 02:55

Tgt Ion:276 Resp: 9035
Ion Ratio Lower Upper
276 100
138 32.5 26.1 39.1
227 0.1 0.1 0.1#

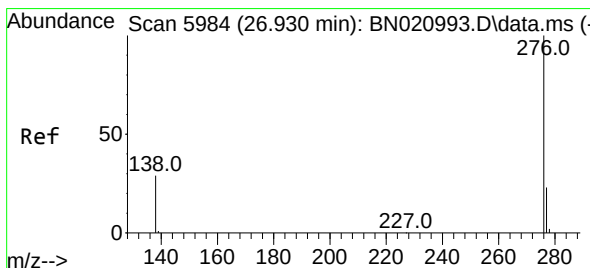
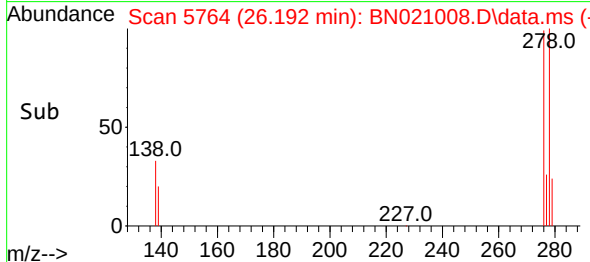
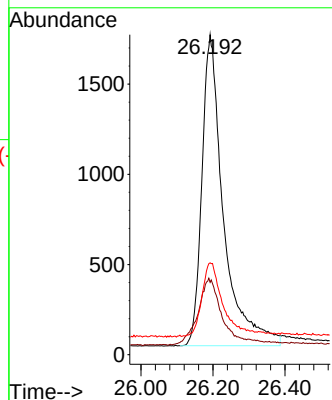
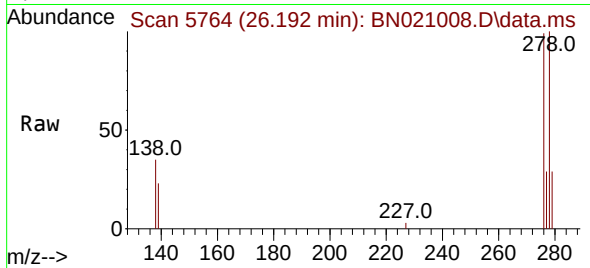




#28
Dibenzo(a,h)anthracene
Concen: 0.322 ng/ul
RT: 26.192 min Scan# 51
Delta R.T. -0.017 min
Lab File: BN021008.D
Acq: 05 Aug 2022 02:55

Instrument :
BNA_N
ClientSampleId :
SLCS574

Tgt Ion:278 Resp: 7166
Ion Ratio Lower Upper
278 100
139 22.6 18.3 27.5
279 28.7 23.9 35.9



#29
Benzo(g,h,i)perylene
Concen: 0.320 ng/ul
RT: 26.913 min Scan# 5979
Delta R.T. -0.017 min
Lab File: BN021008.D
Acq: 05 Aug 2022 02:55

Tgt Ion:276 Resp: 8050
Ion Ratio Lower Upper
276 100
138 29.2 22.6 34.0
277 25.5 20.2 30.2

