

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080222\
 Data File : BN020966.D
 Acq On : 03 Aug 2022 06:02
 Operator : CG/JU
 Sample : SP5940
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP5940

Quant Time: Aug 03 07:01:17 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 04:19:04 2022
 Response via : Initial Calibration

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

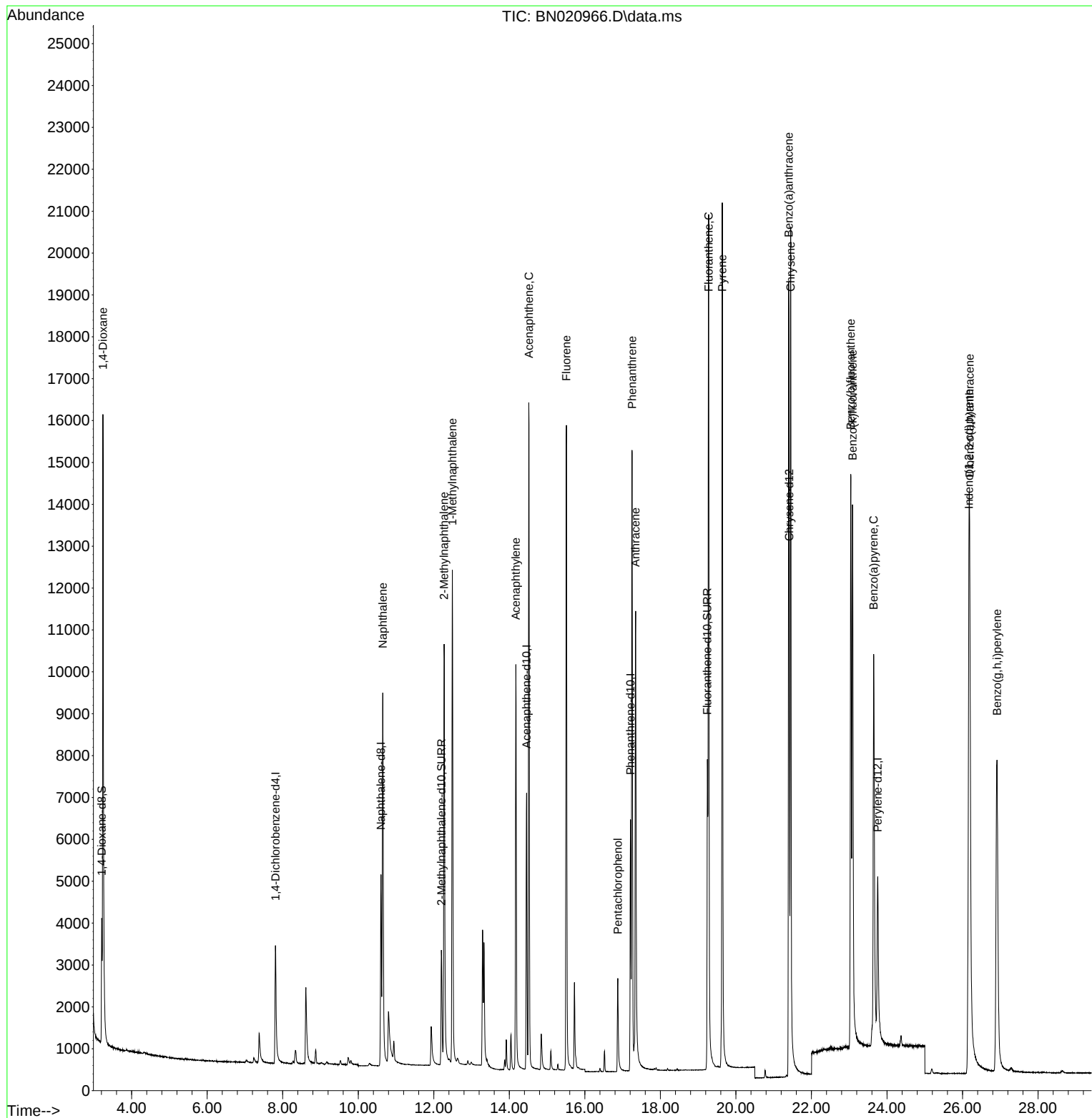
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.809	152	2099	0.400	ng/ul	0.00
4) Naphthalene-d8	10.602	136	6900	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.457	164	3826	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.210	188	7617	0.400	ng/ul	0.00
17) Chrysene-d12	21.412	240	6908	0.400	ng/ul	0.00
23) Perylene-d12	23.757	264	6087	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	2025	0.791	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.202	152	4172	0.410	ng/ul	0.00
18) Fluoranthene-d10	19.245	212	8806	0.417	ng/ul	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.240	88	10207	3.704	ng/ul#	80
5) Naphthalene	10.651	128	14078	0.746	ng/ul	98
7) 2-Methylnaphthalene	12.274	142	8508	0.741	ng/ul	99
8) 1-Methylnaphthalene	12.493	142	9181	0.724	ng/ul	100
10) Acenaphthylene	14.174	152	12086	0.773	ng/ul	99
11) Acenaphthene	14.517	153	9724	0.744	ng/ul	99
12) Fluorene	15.511	166	10896	0.724	ng/ul	99
14) Pentachlorophenol	16.872	266	1870	1.538	ng/ul	100
15) Phenanthrene	17.252	178	17646	0.683	ng/ul	99
16) Anthracene	17.345	178	14918	0.672	ng/ul	99
19) Fluoranthene	19.277	202	19534	0.629	ng/ul	99
20) Pyrene	19.640	202	20292	0.624	ng/ul	99
21) Benzo(a)anthracene	21.398	228	16125	0.643	ng/ul	99
22) Chrysene	21.450	228	19482	0.628	ng/ul	99
24) Benzo(b)fluoranthene	23.040	252	18968	0.653	ng/ul	96
25) Benzo(k)fluoranthene	23.087	252	19390	0.616	ng/ul	97
26) Benzo(a)pyrene	23.648	252	17570	0.641	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.169	276	20339	0.631	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.189	278	16476	0.624	ng/ul	94
29) Benzo(g,h,i)perylene	26.913	276	17869	0.609	ng/ul	98

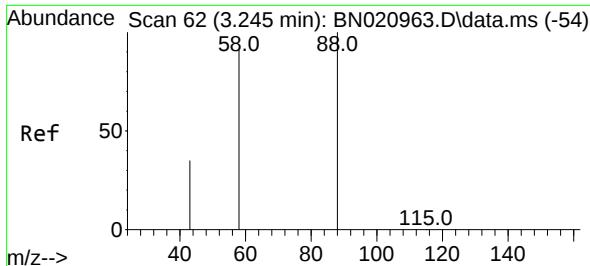
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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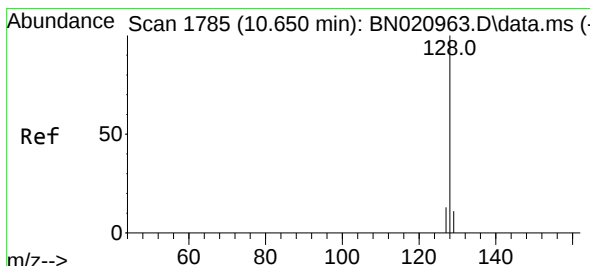
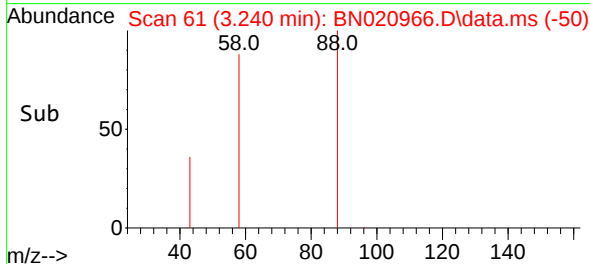
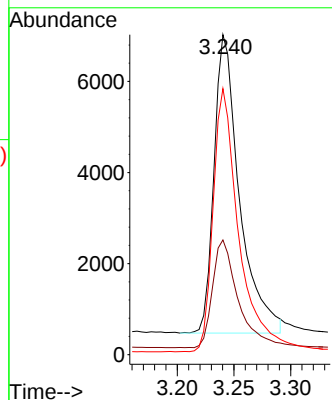
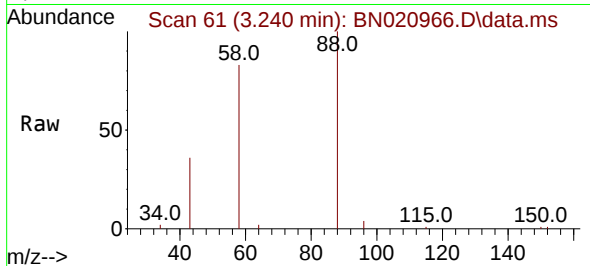




#2
1,4-Dioxane
Concen: 3.704 ng/ul
RT: 3.240 min Scan# 61
Delta R.T. -0.004 min
Lab File: BN020966.D
Acq: 03 Aug 2022 06:02

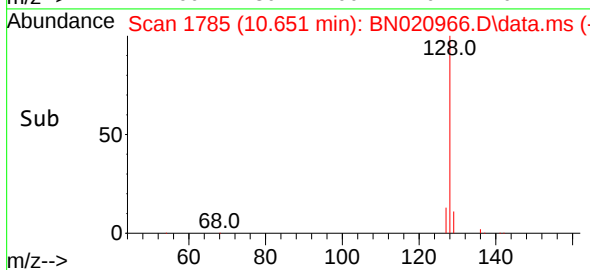
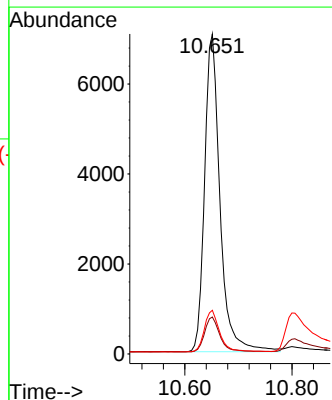
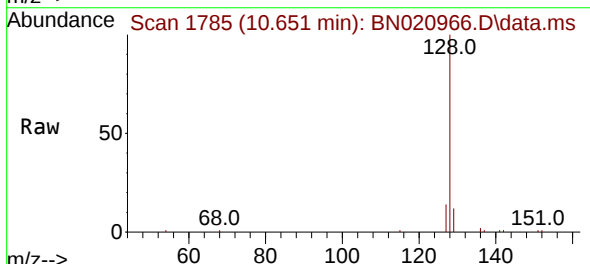
Instrument :
BNA_N
ClientSampleId :
SP5940

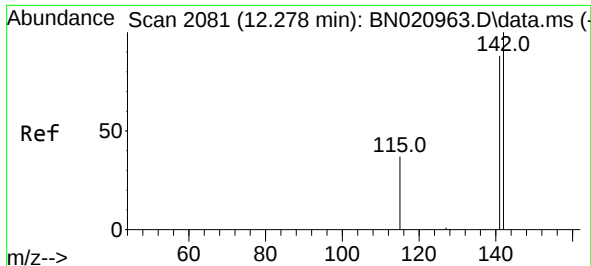
Tgt Ion: 88 Resp: 10207
Ion Ratio Lower Upper
88 100
43 35.9 31.4 47.0
58 83.2 49.0 73.6#



#5
Naphthalene
Concen: 0.746 ng/ul
RT: 10.651 min Scan# 1785
Delta R.T. -0.006 min
Lab File: BN020966.D
Acq: 03 Aug 2022 06:02

Tgt Ion: 128 Resp: 14078
Ion Ratio Lower Upper
128 100
129 11.6 9.8 14.6
127 13.7 11.6 17.4

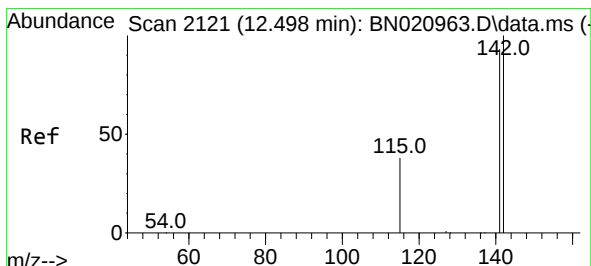
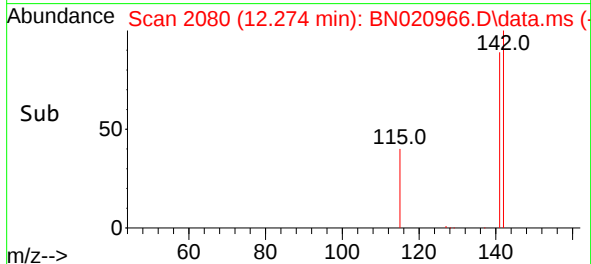
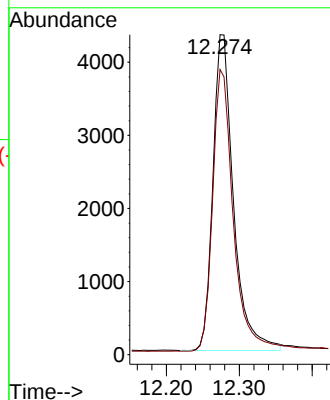
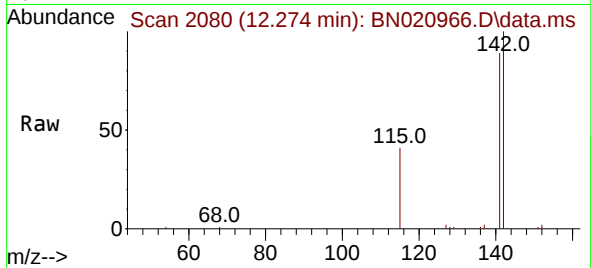




#7
2-Methylnaphthalene
Concen: 0.741 ng/ul
RT: 12.274 min Scan# 2081
Delta R.T. -0.011 min
Lab File: BN020966.D
Acq: 03 Aug 2022 06:02

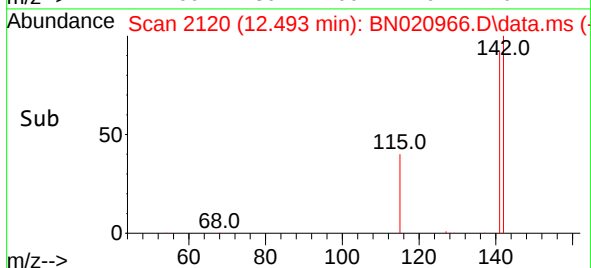
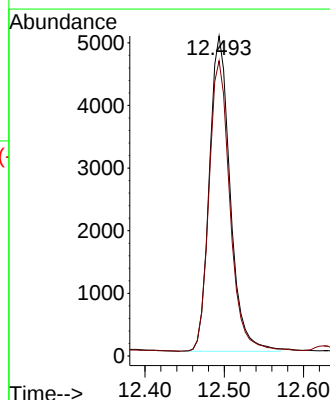
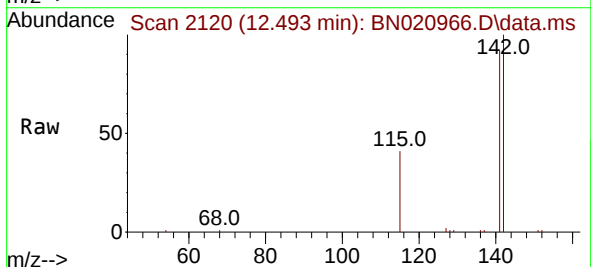
Instrument :
BNA_N
ClientSampleId :
SP5940

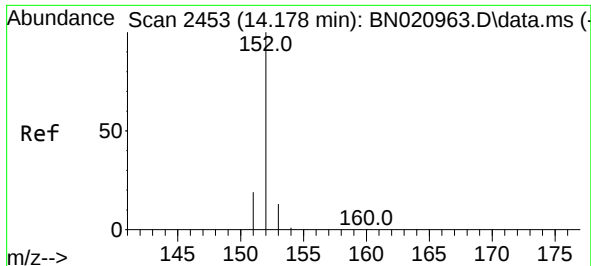
Tgt Ion:142 Resp: 8508
Ion Ratio Lower Upper
142 100
141 89.4 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.724 ng/ul
RT: 12.493 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BN020966.D
Acq: 03 Aug 2022 06:02

Tgt Ion:142 Resp: 9181
Ion Ratio Lower Upper
142 100
141 92.3 73.9 110.9

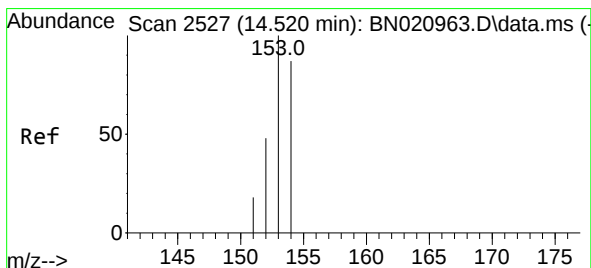
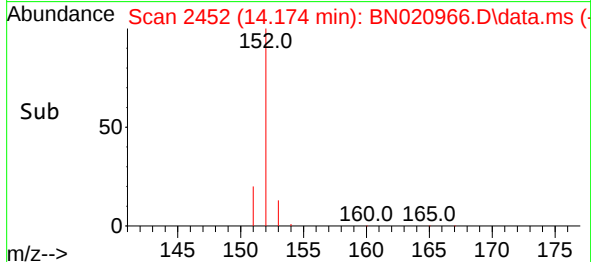
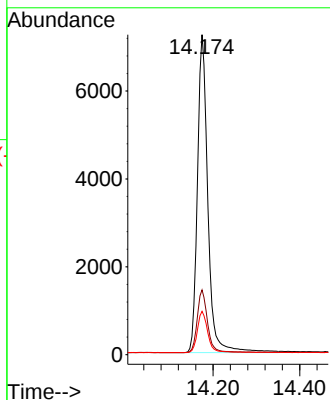
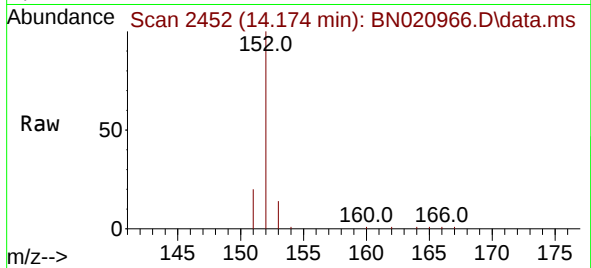




#10
Acenaphthylene
Concen: 0.773 ng/ul
RT: 14.174 min Scan# 2453
Delta R.T. -0.005 min
Lab File: BN020966.D
Acq: 03 Aug 2022 06:02

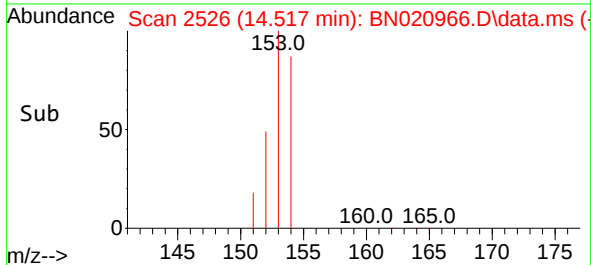
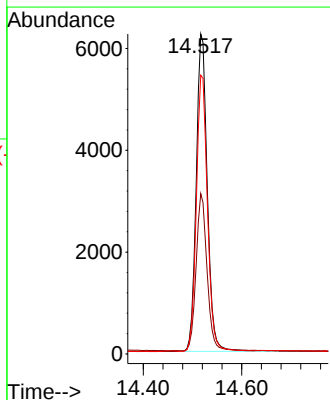
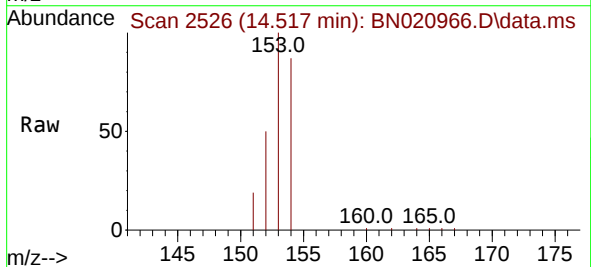
Instrument :
BNA_N
ClientSampleId :
SP5940

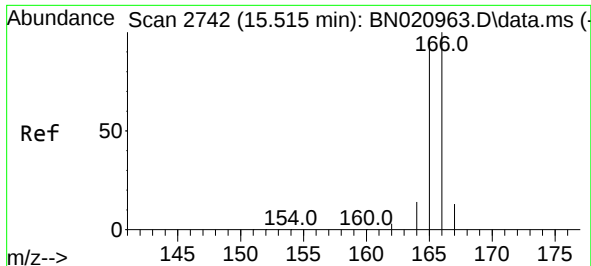
Tgt Ion:152 Resp: 12086
Ion Ratio Lower Upper
152 100
151 20.3 16.9 25.3
153 13.6 11.2 16.8



#11
Acenaphthene
Concen: 0.744 ng/ul
RT: 14.517 min Scan# 2526
Delta R.T. -0.005 min
Lab File: BN020966.D
Acq: 03 Aug 2022 06:02

Tgt Ion:153 Resp: 9724
Ion Ratio Lower Upper
153 100
152 50.1 40.2 60.4
154 87.1 70.7 106.1

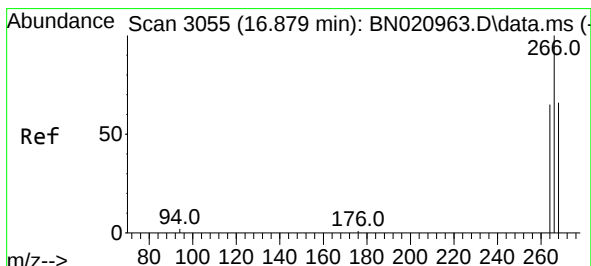
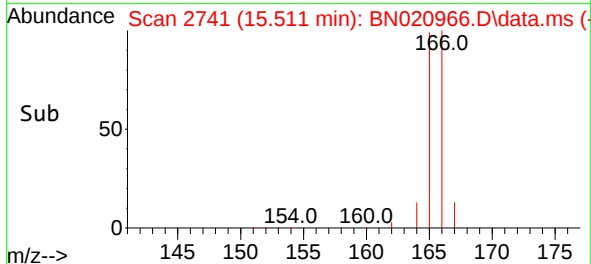
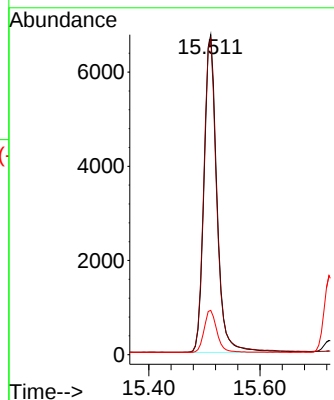
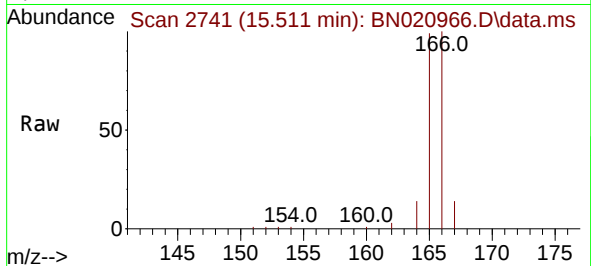




#12
Fluorene
Concen: 0.724 ng/ul
RT: 15.511 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN020966.D
Acq: 03 Aug 2022 06:02

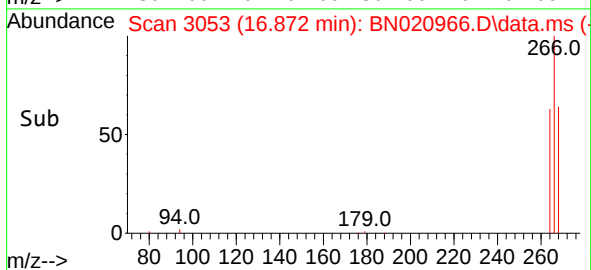
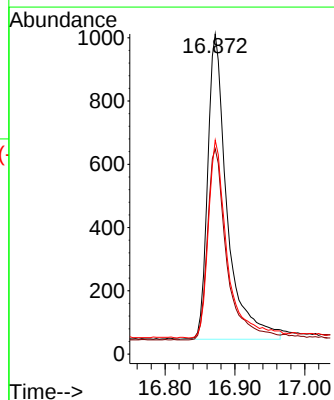
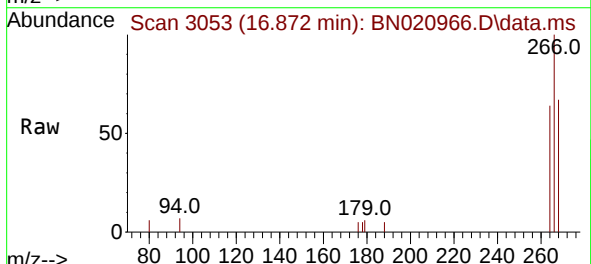
Instrument :
BNA_N
ClientSampleId :
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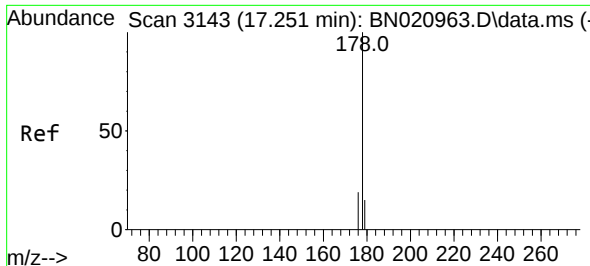
Tgt Ion:166 Resp: 10896
Ion Ratio Lower Upper
166 100
165 98.7 78.6 117.8
167 13.9 11.8 17.6



#14
Pentachlorophenol
Concen: 1.538 ng/ul
RT: 16.872 min Scan# 3053
Delta R.T. -0.013 min
Lab File: BN020966.D
Acq: 03 Aug 2022 06:02

Tgt Ion:266 Resp: 1870
Ion Ratio Lower Upper
266 100
264 62.7 49.8 74.8
268 63.2 50.6 75.8

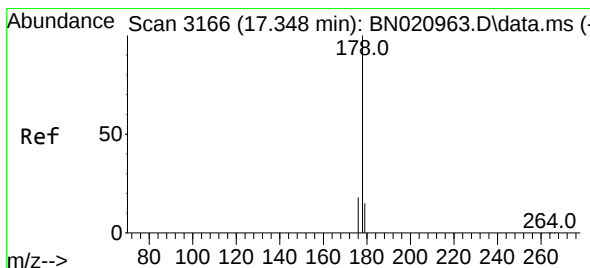
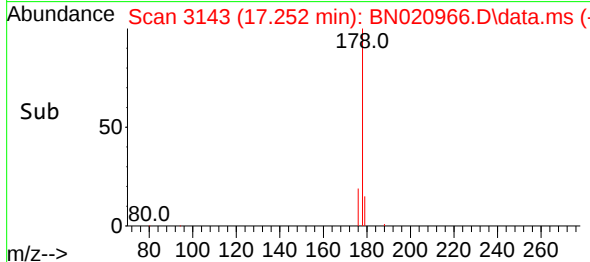
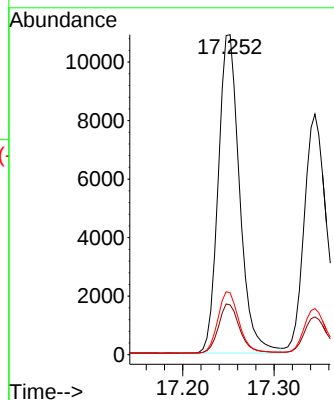
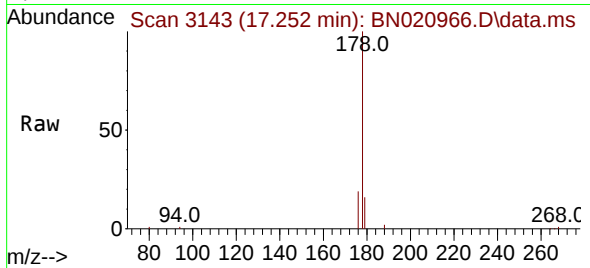




#15
Phenanthrene
Concen: 0.683 ng/u1
RT: 17.252 min Scan# 3143
Delta R.T. -0.004 min
Lab File: BN020966.D
Acq: 03 Aug 2022 06:02

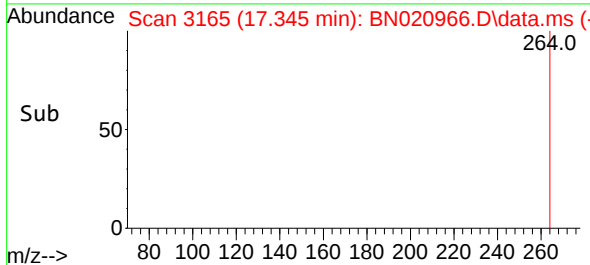
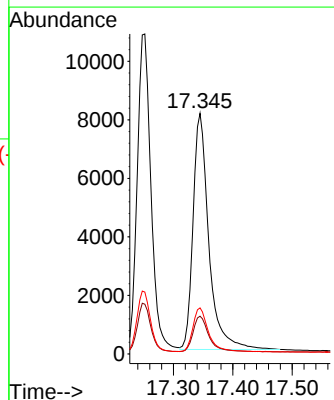
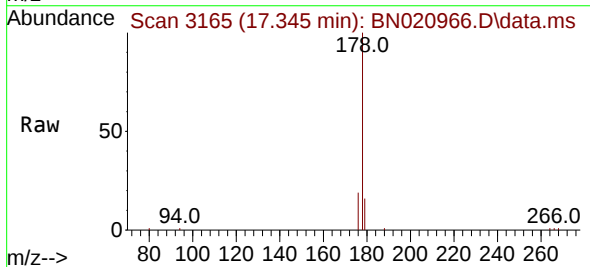
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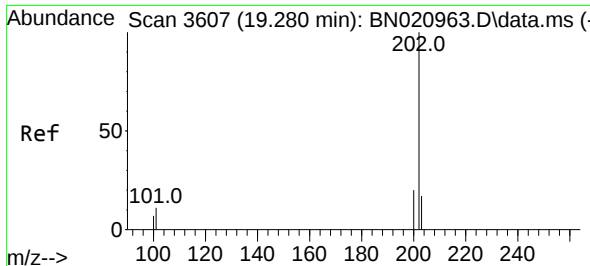
Tgt Ion:178 Resp: 17646
Ion Ratio Lower Upper
178 100
179 15.5 12.8 19.2
176 19.4 15.9 23.9



#16
Anthracene
Concen: 0.672 ng/u1
RT: 17.345 min Scan# 3165
Delta R.T. -0.004 min
Lab File: BN020966.D
Acq: 03 Aug 2022 06:02

Tgt Ion:178 Resp: 14918
Ion Ratio Lower Upper
178 100
179 15.7 12.9 19.3
176 19.1 15.9 23.9

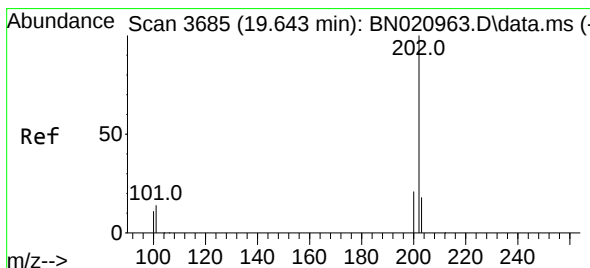
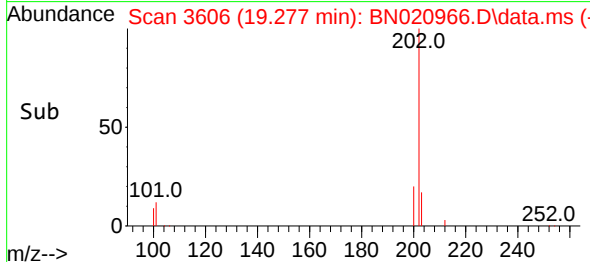
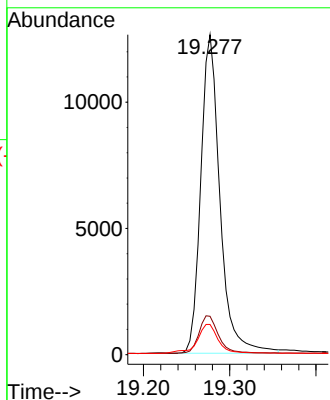
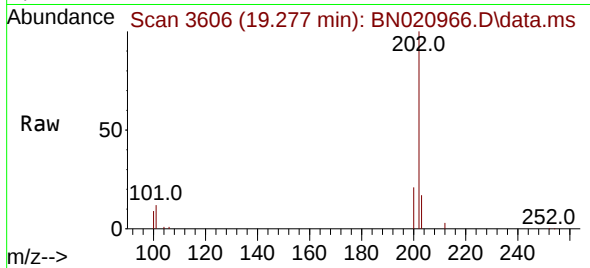




#19
Fluoranthene
Concen: 0.629 ng/ul
RT: 19.277 min Scan# 3606
Delta R.T. -0.005 min
Lab File: BN020966.D
Acq: 03 Aug 2022 06:02

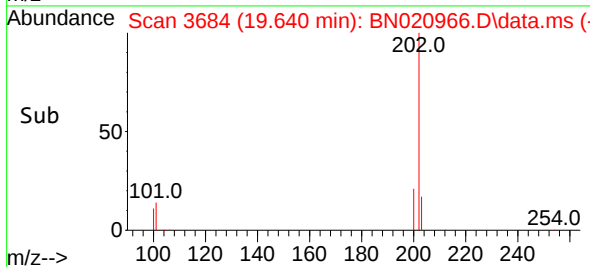
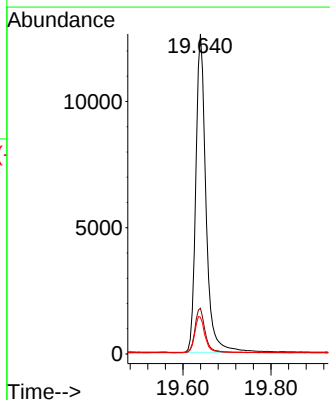
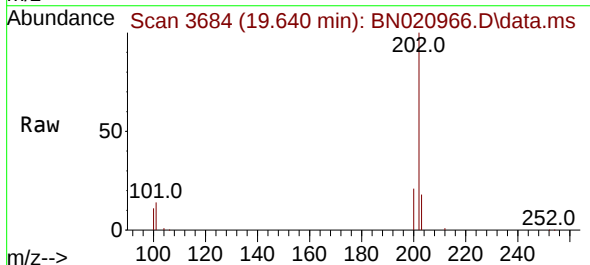
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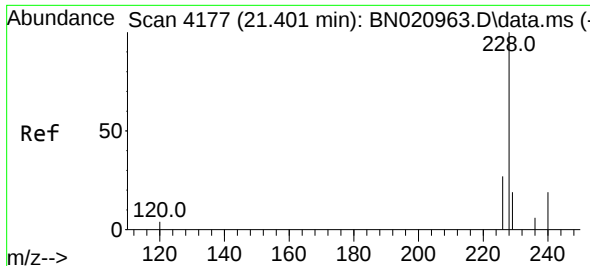
Tgt Ion:202 Resp: 19534
Ion Ratio Lower Upper
202 100
101 12.0 10.0 15.0
100 9.5 8.0 12.0



#20
Pyrene
Concen: 0.624 ng/ul
RT: 19.640 min Scan# 3684
Delta R.T. -0.009 min
Lab File: BN020966.D
Acq: 03 Aug 2022 06:02

Tgt Ion:202 Resp: 20292
Ion Ratio Lower Upper
202 100
101 14.3 11.3 16.9
100 11.5 9.0 13.4

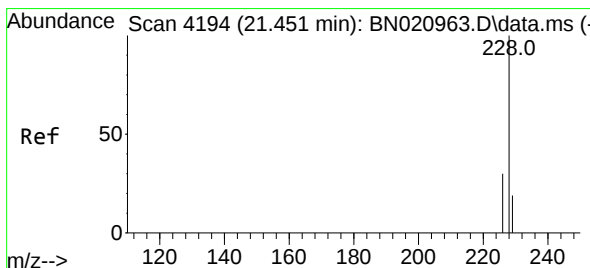
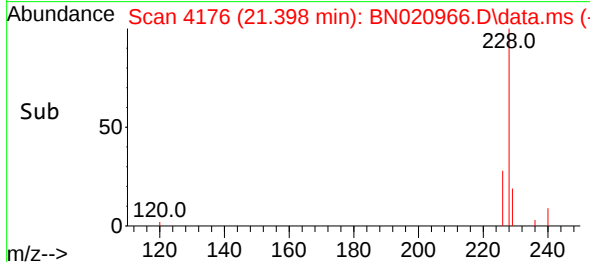
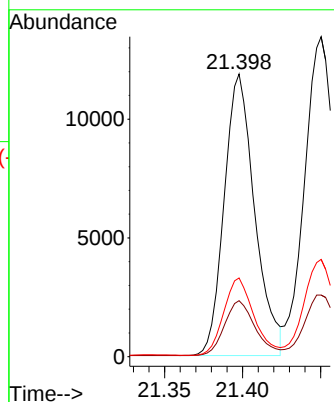
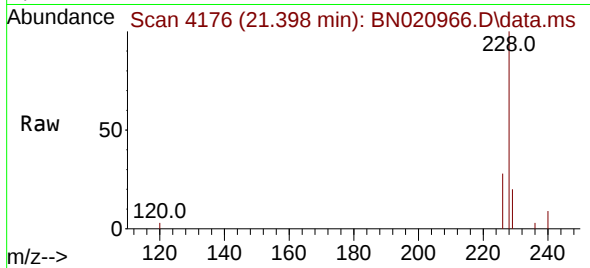




#21
Benzo(a)anthracene
Concen: 0.643 ng/ul
RT: 21.398 min Scan# 4177
Delta R.T. -0.009 min
Lab File: BN020966.D
Acq: 03 Aug 2022 06:02

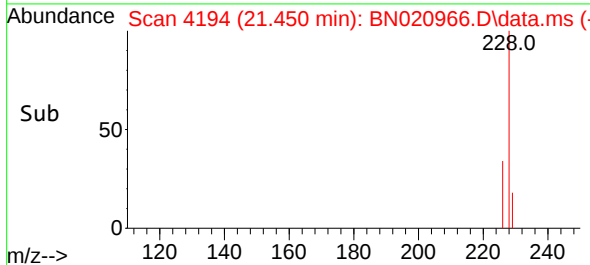
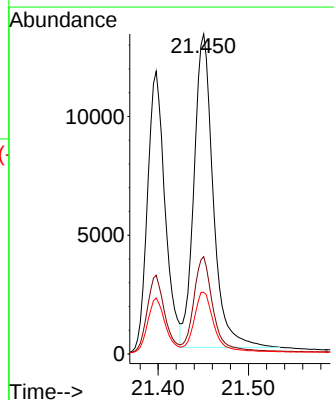
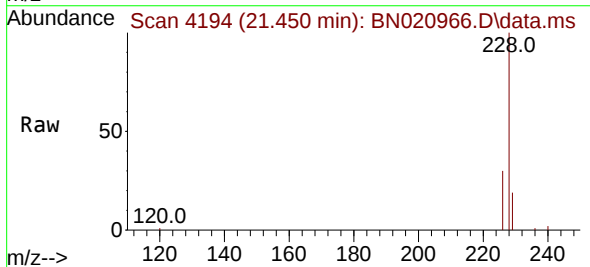
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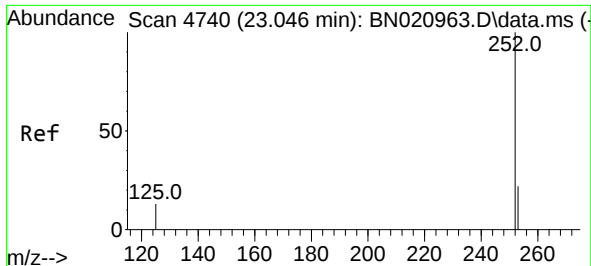
Tgt Ion:228 Resp: 16125
Ion Ratio Lower Upper
228 100
229 19.8 16.0 24.0
226 27.9 21.9 32.9



#22
Chrysene
Concen: 0.628 ng/ul
RT: 21.450 min Scan# 4194
Delta R.T. -0.006 min
Lab File: BN020966.D
Acq: 03 Aug 2022 06:02

Tgt Ion:228 Resp: 19482
Ion Ratio Lower Upper
228 100
226 30.4 24.6 37.0
229 19.3 15.8 23.8

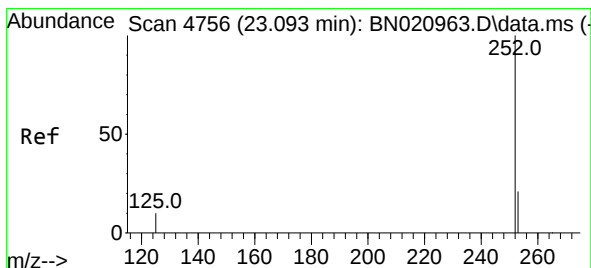
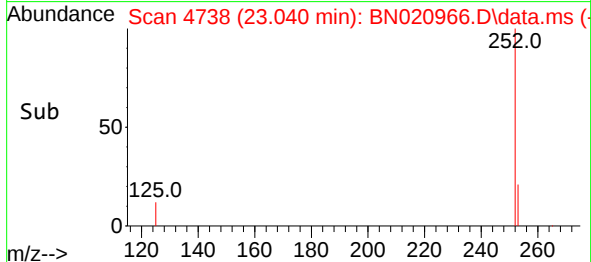
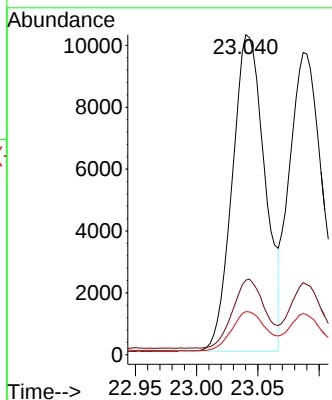
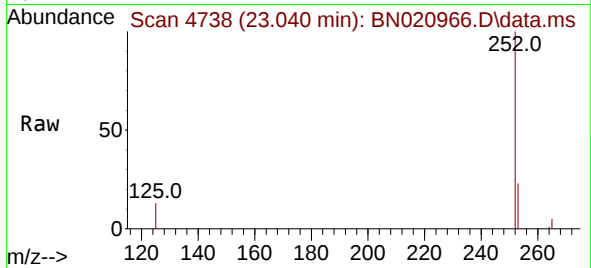




#24
Benzo(b)fluoranthene
Concen: 0.653 ng/ul
RT: 23.040 min Scan# 4738
Delta R.T. -0.015 min
Lab File: BN020966.D
Acq: 03 Aug 2022 06:02

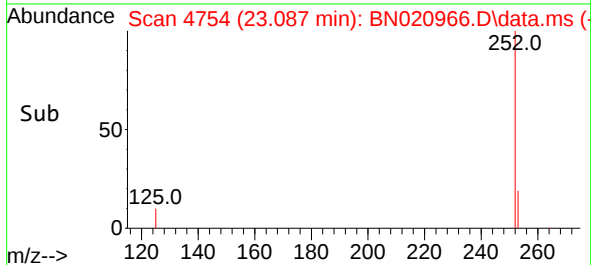
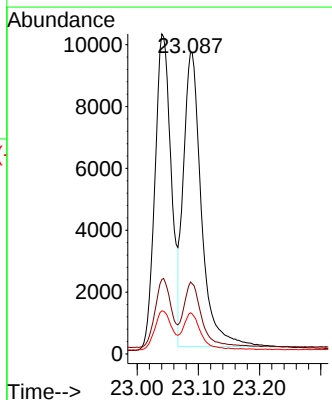
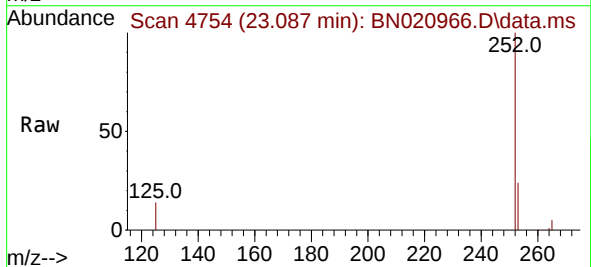
Instrument :
BNA_N
ClientSampleId :
SP5940

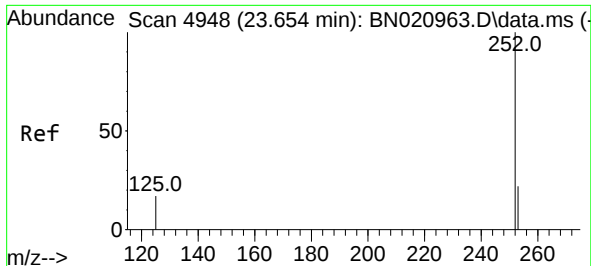
Tgt Ion:252 Resp: 18968
Ion Ratio Lower Upper
252 100
253 23.3 0.0 50.8
125 13.5 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.616 ng/ul
RT: 23.087 min Scan# 4754
Delta R.T. -0.015 min
Lab File: BN020966.D
Acq: 03 Aug 2022 06:02

Tgt Ion:252 Resp: 19390
Ion Ratio Lower Upper
252 100
253 23.8 20.6 31.0
125 13.6 11.8 17.6

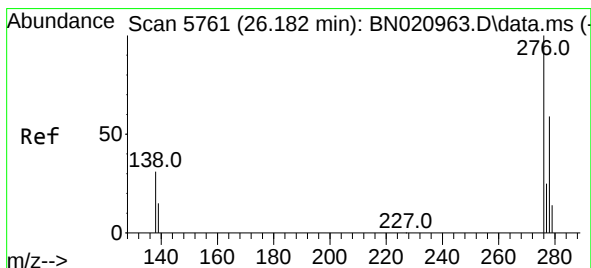
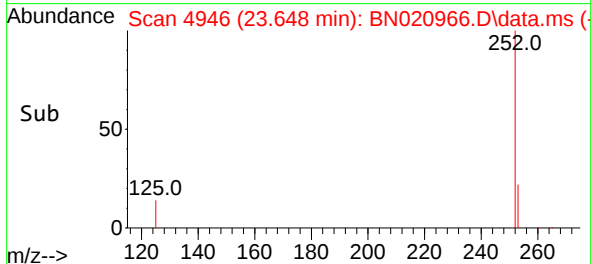
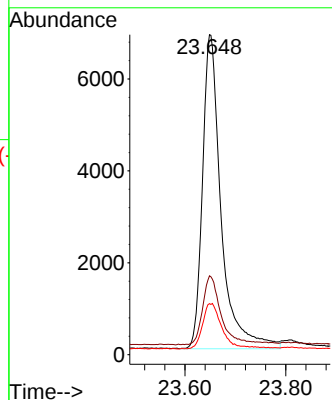
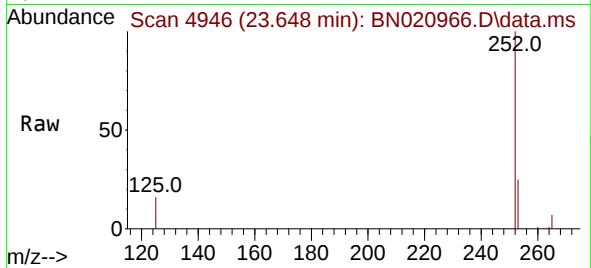




#26
Benzo(a)pyrene
Concen: 0.641 ng/ul
RT: 23.648 min Scan# 4948
Delta R.T. -0.015 min
Lab File: BN020966.D
Acq: 03 Aug 2022 06:02

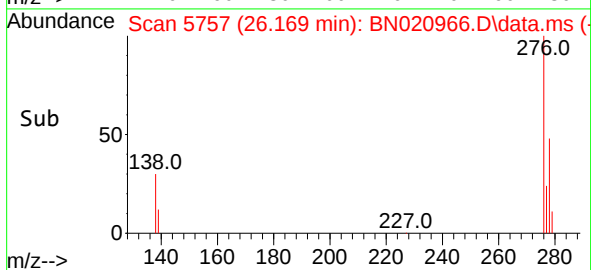
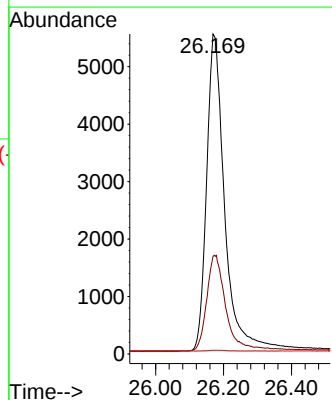
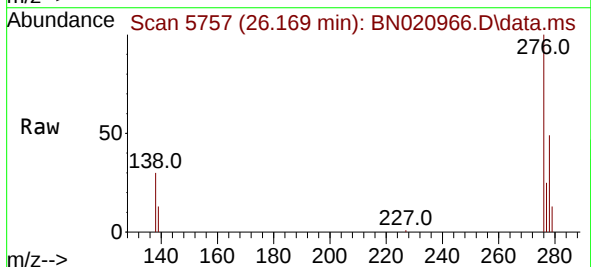
Instrument :
BNA_N
ClientSampleId :
SP5940

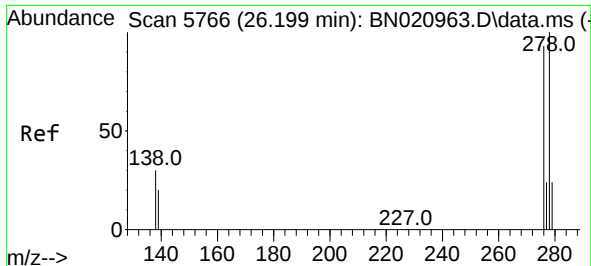
Tgt Ion:252 Resp: 17570
Ion Ratio Lower Upper
252 100
253 24.6 22.1 33.1
125 15.9 14.7 22.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.631 ng/ul
RT: 26.169 min Scan# 5757
Delta R.T. -0.020 min
Lab File: BN020966.D
Acq: 03 Aug 2022 06:02

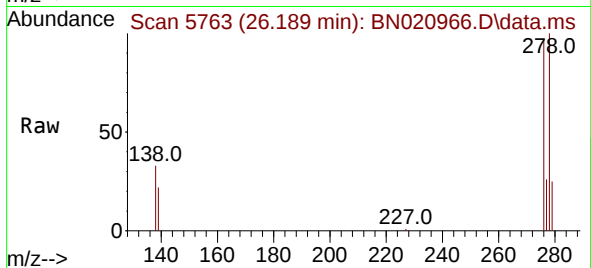
Tgt Ion:276 Resp: 20339
Ion Ratio Lower Upper
276 100
138 32.2 26.1 39.1
227 0.2 0.1 0.1#



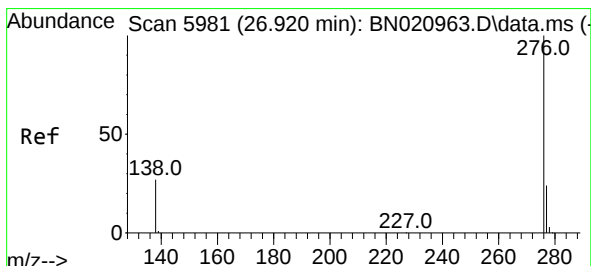
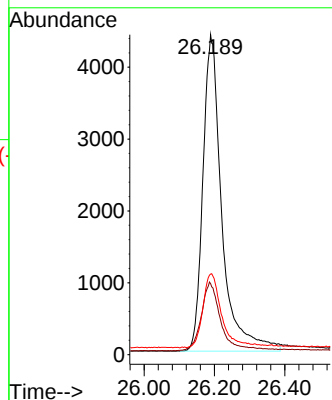
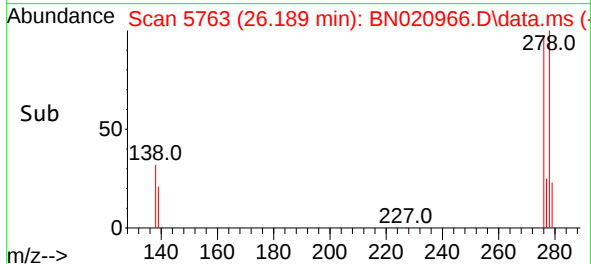


#28
 Dibenzo(a,h)anthracene
 Concen: 0.624 ng/ul
 RT: 26.189 min Scan# 51
 Delta R.T. -0.024 min
 Lab File: BN020966.D
 Acq: 03 Aug 2022 06:02

Instrument :
 BNA_N
 ClientSampleId :
 SP5940



Tgt Ion:278 Resp: 16476
 Ion Ratio Lower Upper
 278 100
 139 22.2 18.3 27.5
 279 25.2 23.9 35.9



#29
 Benzo(g,h,i)perylene
 Concen: 0.609 ng/ul
 RT: 26.913 min Scan# 5979
 Delta R.T. -0.020 min
 Lab File: BN020966.D
 Acq: 03 Aug 2022 06:02

Tgt Ion:276 Resp: 17869
 Ion Ratio Lower Upper
 276 100
 138 27.5 22.6 34.0
 277 24.0 20.2 30.2

