

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080222\
 Data File : BN020940.D
 Acq On : 02 Aug 2022 13:16
 Operator : CG/JU
 Sample : SP5565
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP5565

Quant Time: Aug 02 22:33:31 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

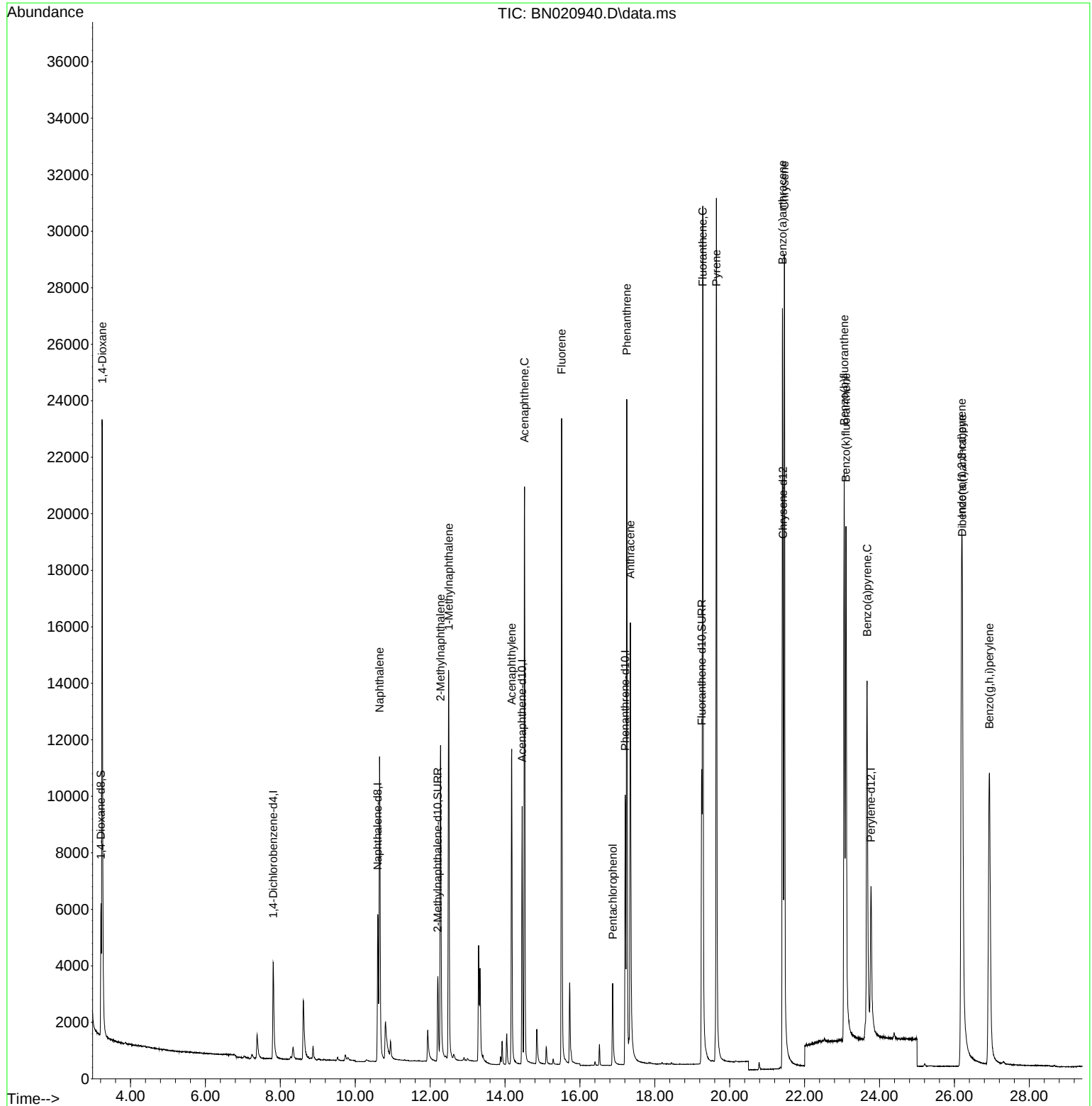
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.809	152	2534	0.400	ng/ul	0.00
4) Naphthalene-d8	10.602	136	8125	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.456	164	4987	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.209	188	11671	0.400	ng/ul	0.00
17) Chrysene-d12	21.424	240	10363	0.400	ng/ul	0.00
23) Perylene-d12	23.774	264	8263	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	2942	0.952	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.207	152	4678	0.390	ng/ul	0.00
18) Fluoranthene-d10	19.254	212	12783	0.403	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.244	88	14737	4.429	ng/ul#	82
5) Naphthalene	10.651	128	16809	0.757	ng/ul	98
7) 2-Methylnaphthalene	12.279	142	9559	0.707	ng/ul	99
8) 1-Methylnaphthalene	12.499	142	11054	0.740	ng/ul	100
10) Acenaphthylene	14.179	152	14503	0.711	ng/ul	98
11) Acenaphthene	14.521	153	12597	0.739	ng/ul	95
12) Fluorene	15.511	166	16171	0.824	ng/ul	98
14) Pentachlorophenol	16.876	266	2497	1.340	ng/ul	100
15) Phenanthrene	17.252	178	26633	0.673	ng/ul	99
16) Anthracene	17.349	178	21599	0.635	ng/ul	98
19) Fluoranthene	19.282	202	29504	0.633	ng/ul	99
20) Pyrene	19.644	202	30304	0.621	ng/ul	96
21) Benzo(a)anthracene	21.409	228	23418	0.622	ng/ul	100
22) Chrysene	21.462	228	28819	0.619	ng/ul	99
24) Benzo(b)fluoranthene	23.058	252	26964	0.684	ng/ul	97
25) Benzo(k)fluoranthene	23.104	252	28482	0.666	ng/ul	97
26) Benzo(a)pyrene	23.669	252	24118	0.648	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.192	276	28220	0.645	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.212	278	22779	0.636	ng/ul	95
29) Benzo(g,h,i)perylene	26.933	276	25670	0.645	ng/ul	98

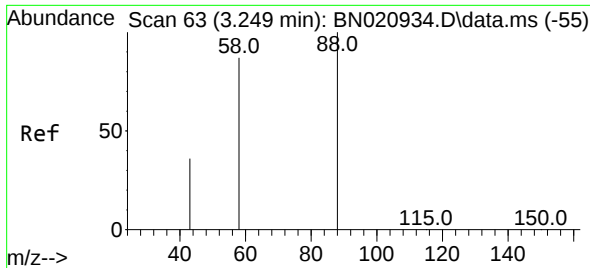
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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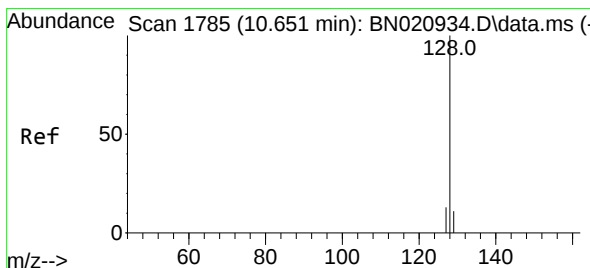
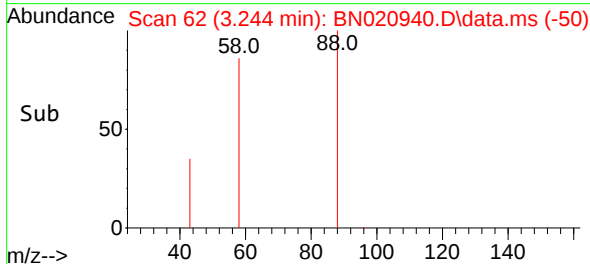
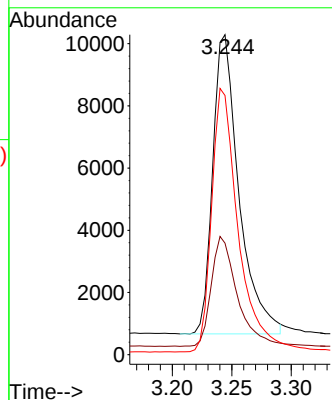
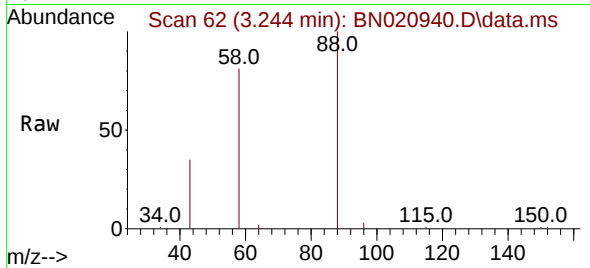




#2
 1,4-Dioxane
 Concen: 4.429 ng/ul
 RT: 3.244 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN020940.D
 Acq: 02 Aug 2022 13:16

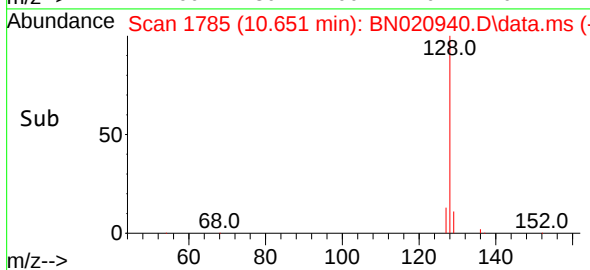
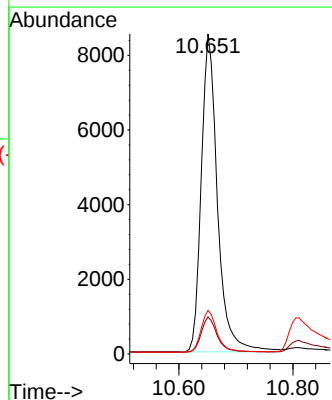
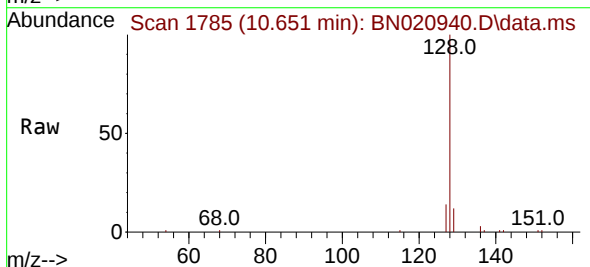
Instrument :
 BNA_N
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 SP5565

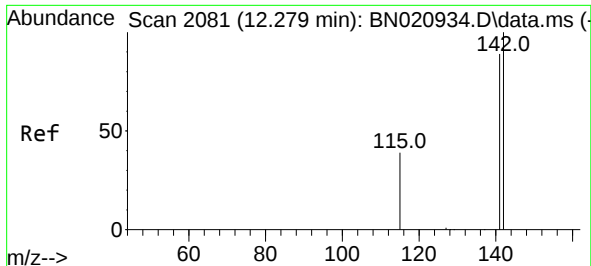
Tgt Ion: 88 Resp: 14737
 Ion Ratio Lower Upper
 88 100
 43 34.9 31.4 47.0
 58 81.0 49.0 73.6#



#5
 Naphthalene
 Concen: 0.757 ng/ul
 RT: 10.651 min Scan# 1785
 Delta R.T. -0.006 min
 Lab File: BN020940.D
 Acq: 02 Aug 2022 13:16

Tgt Ion: 128 Resp: 16809
 Ion Ratio Lower Upper
 128 100
 129 11.6 9.8 14.6
 127 13.6 11.6 17.4

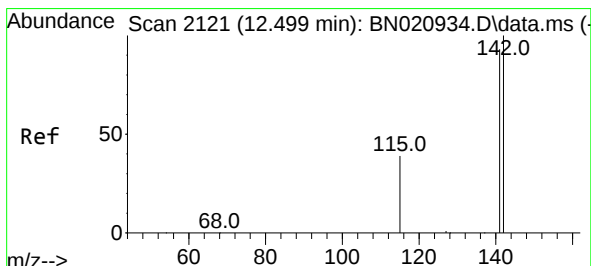
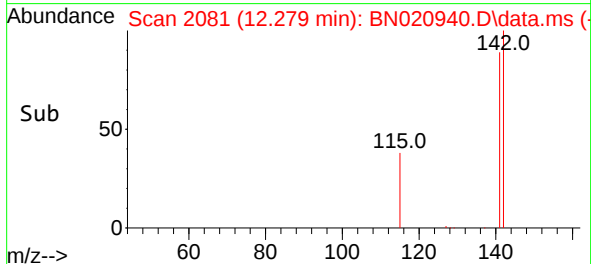
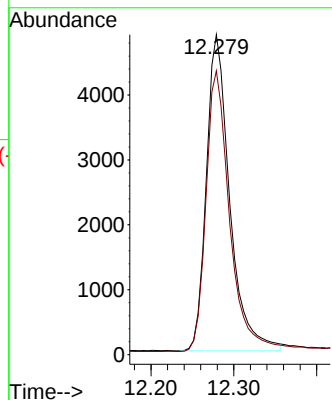
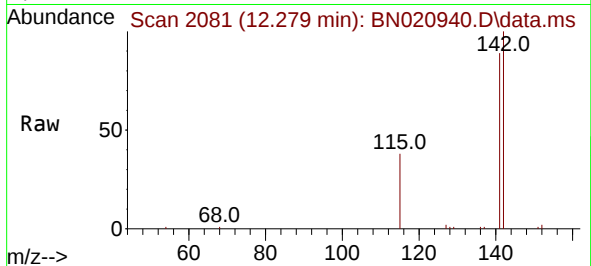




#7
2-Methylnaphthalene
Concen: 0.707 ng/ul
RT: 12.279 min Scan# 2081
Delta R.T. -0.006 min
Lab File: BN020940.D
Acq: 02 Aug 2022 13:16

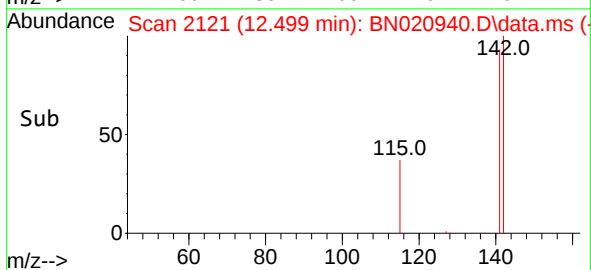
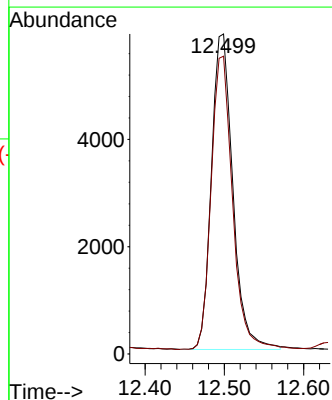
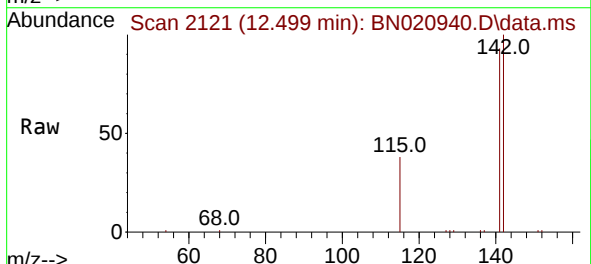
Instrument :
BNA_N
ClientSampleId :
SP5565

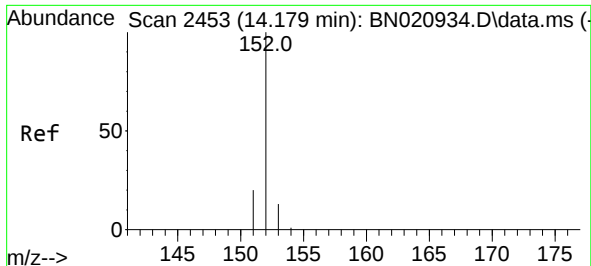
Tgt Ion:142 Resp: 9559
Ion Ratio Lower Upper
142 100
141 89.4 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.740 ng/ul
RT: 12.499 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BN020940.D
Acq: 02 Aug 2022 13:16

Tgt Ion:142 Resp: 11054
Ion Ratio Lower Upper
142 100
141 92.4 73.9 110.9

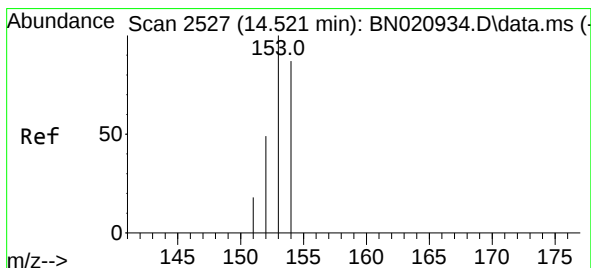
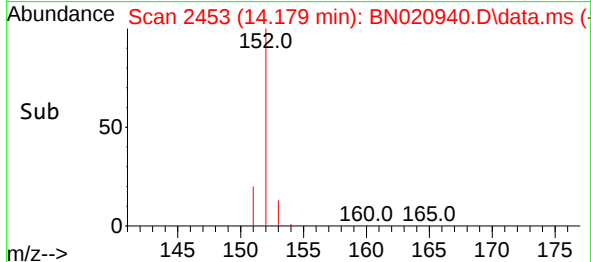
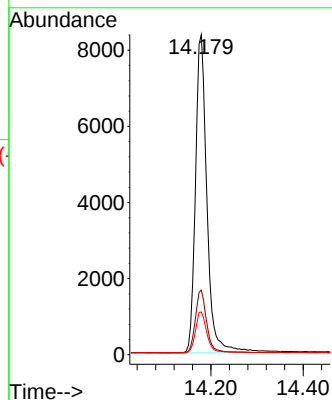
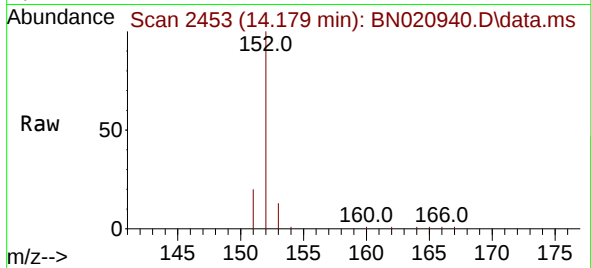




#10
Acenaphthylene
Concen: 0.711 ng/ul
RT: 14.179 min Scan# 2453
Delta R.T. -0.000 min
Lab File: BN020940.D
Acq: 02 Aug 2022 13:16

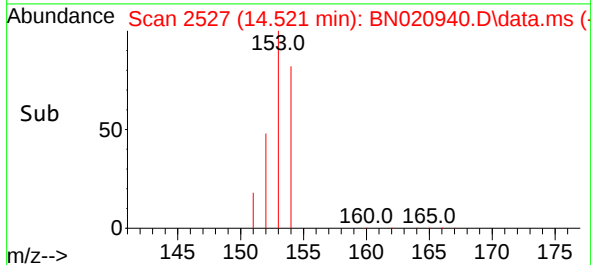
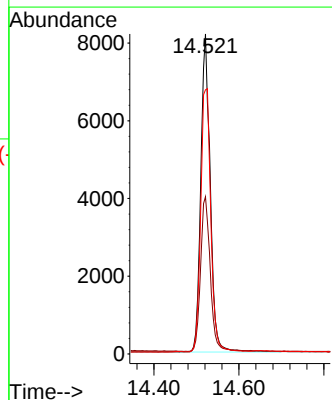
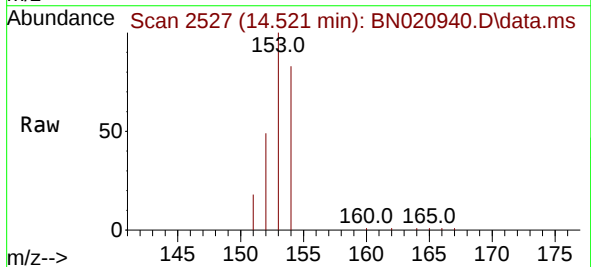
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BNA_N
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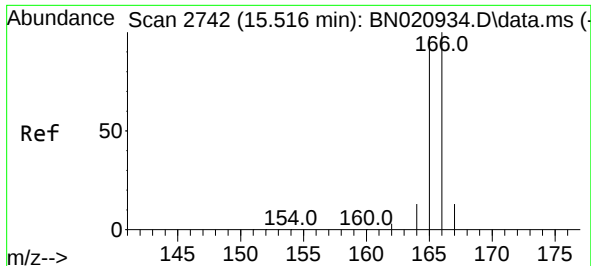
Tgt Ion:152 Resp: 14503
Ion Ratio Lower Upper
152 100
151 20.2 16.9 25.3
153 13.4 11.2 16.8



#11
Acenaphthene
Concen: 0.739 ng/ul
RT: 14.521 min Scan# 2527
Delta R.T. -0.000 min
Lab File: BN020940.D
Acq: 02 Aug 2022 13:16

Tgt Ion:153 Resp: 12597
Ion Ratio Lower Upper
153 100
152 49.1 40.2 60.4
154 82.6 70.7 106.1

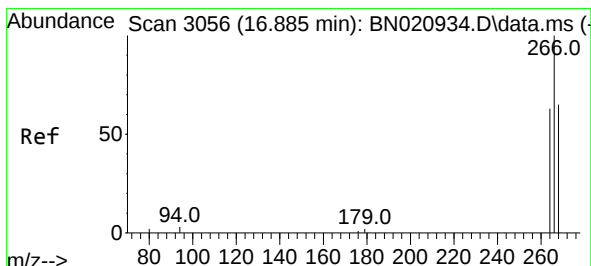
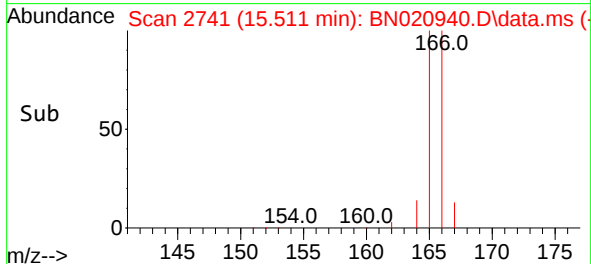
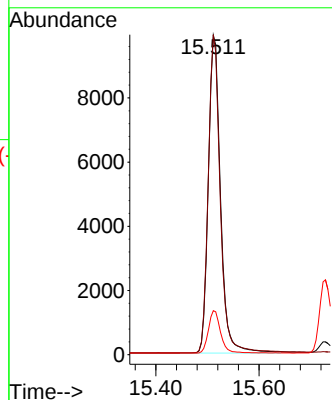
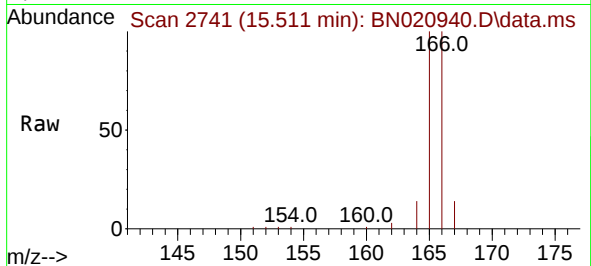




#12
Fluorene
Concen: 0.824 ng/ul
RT: 15.511 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN020940.D
Acq: 02 Aug 2022 13:16

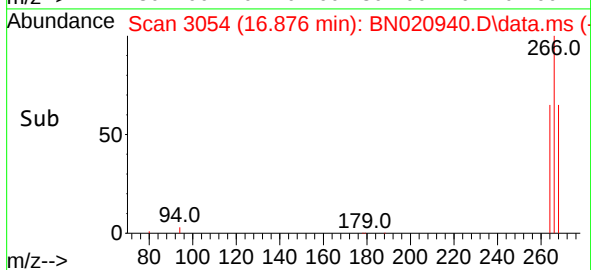
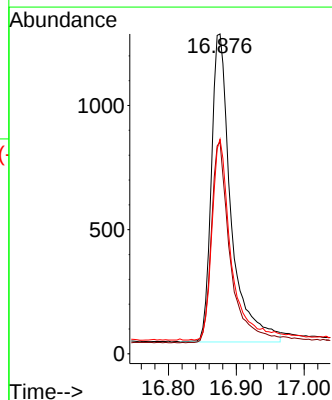
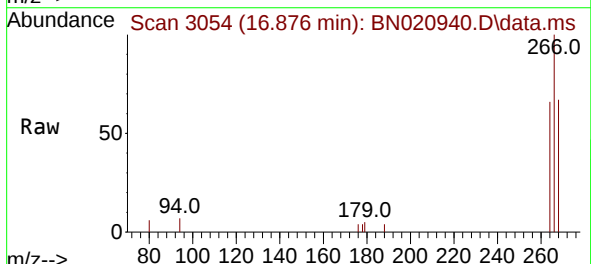
Instrument :
BNA_N
ClientSampleId :
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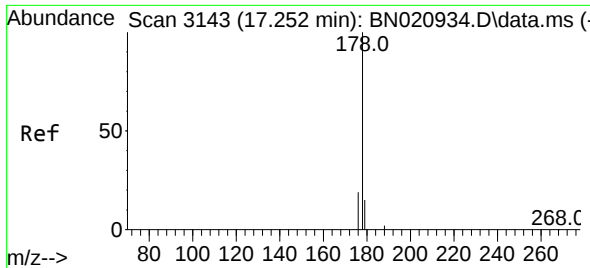
Tgt Ion:166 Resp: 16171
Ion Ratio Lower Upper
166 100
165 100.2 78.6 117.8
167 13.8 11.8 17.6



#14
Pentachlorophenol
Concen: 1.340 ng/ul
RT: 16.876 min Scan# 3054
Delta R.T. -0.009 min
Lab File: BN020940.D
Acq: 02 Aug 2022 13:16

Tgt Ion:266 Resp: 2497
Ion Ratio Lower Upper
266 100
264 62.9 49.8 74.8
268 63.3 50.6 75.8

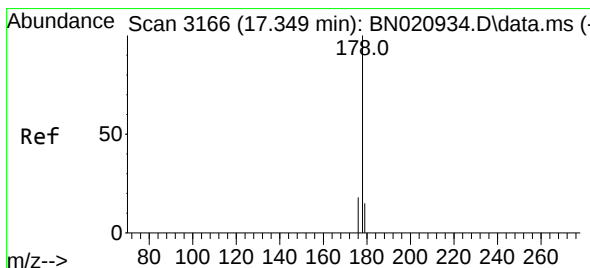
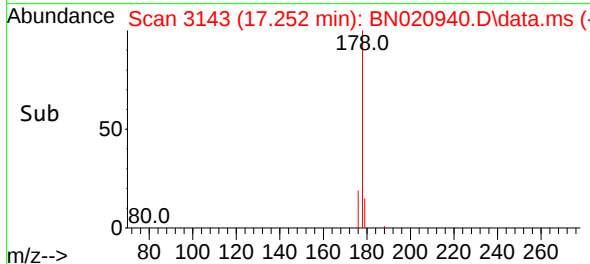
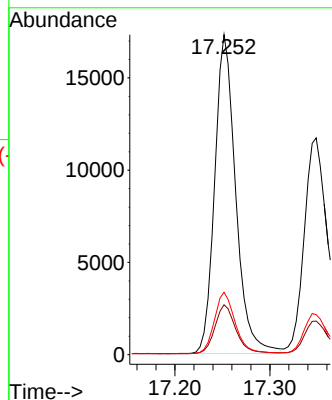
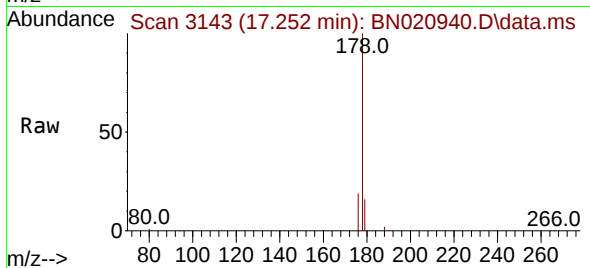




#15
Phenanthrene
Concen: 0.673 ng/ul
RT: 17.252 min Scan# 3143
Delta R.T. -0.004 min
Lab File: BN020940.D
Acq: 02 Aug 2022 13:16

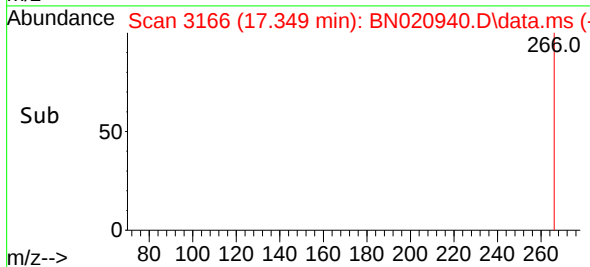
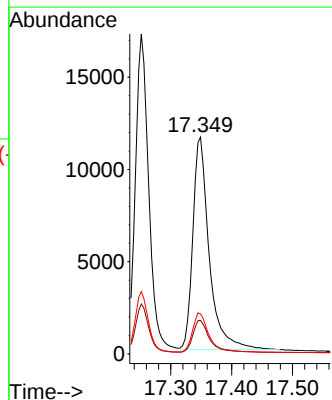
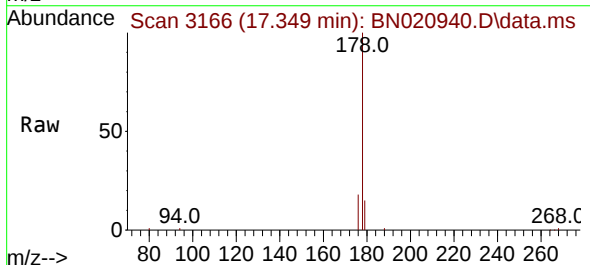
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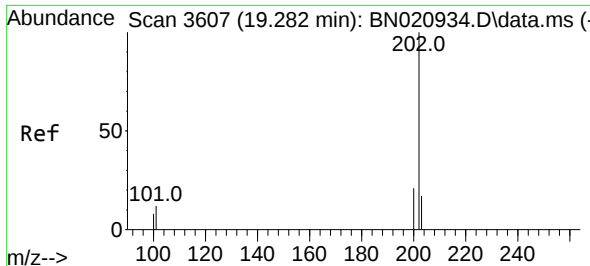
Tgt Ion:	178	Resp:	26633
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.8	19.2
176	19.5	15.9	23.9



#16
Anthracene
Concen: 0.635 ng/ul
RT: 17.349 min Scan# 3166
Delta R.T. -0.000 min
Lab File: BN020940.D
Acq: 02 Aug 2022 13:16

Tgt Ion:	178	Resp:	21599
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.9	19.3
176	18.5	15.9	23.9

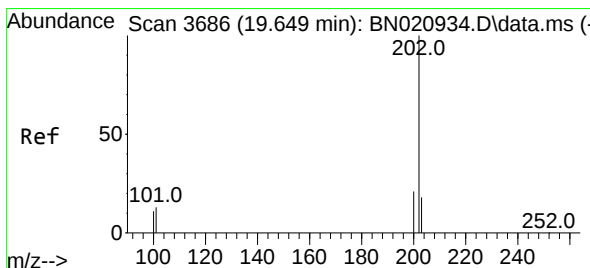
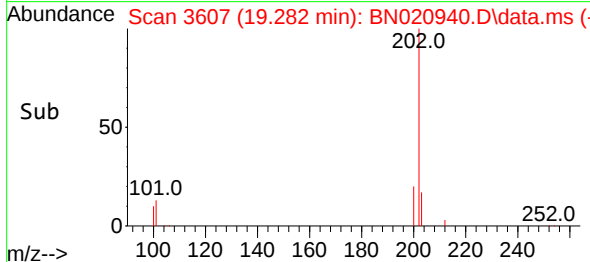
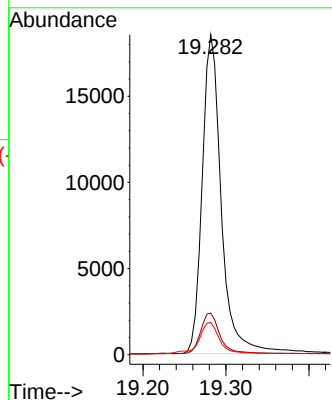
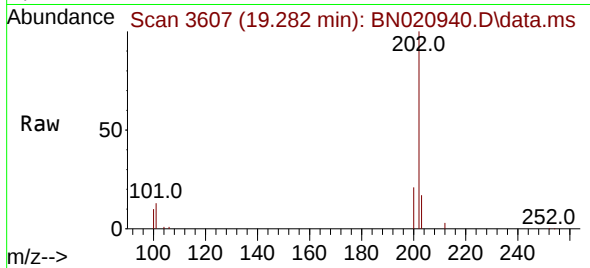




#19
Fluoranthene
Concen: 0.633 ng/ul
RT: 19.282 min Scan# 3607
Delta R.T. -0.000 min
Lab File: BN020940.D
Acq: 02 Aug 2022 13:16

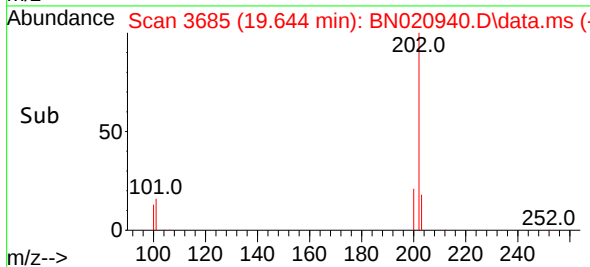
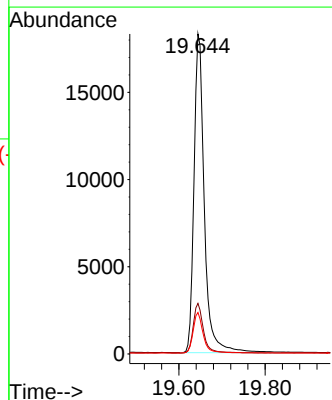
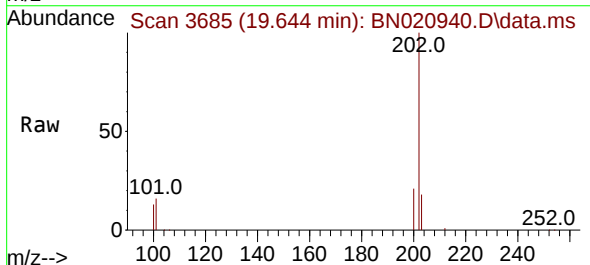
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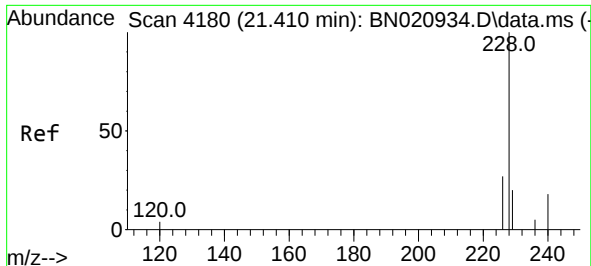
Tgt Ion:202 Resp: 29504
Ion Ratio Lower Upper
202 100
101 13.0 10.0 15.0
100 10.1 8.0 12.0



#20
Pyrene
Concen: 0.621 ng/ul
RT: 19.644 min Scan# 3685
Delta R.T. -0.005 min
Lab File: BN020940.D
Acq: 02 Aug 2022 13:16

Tgt Ion:202 Resp: 30304
Ion Ratio Lower Upper
202 100
101 15.8 11.3 16.9
100 13.0 9.0 13.4

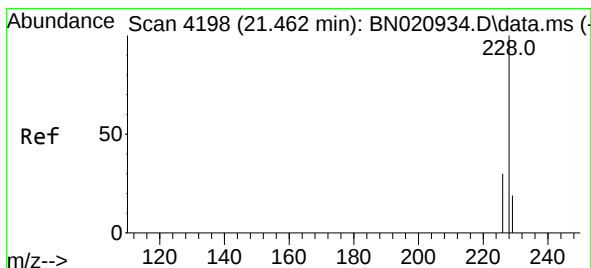
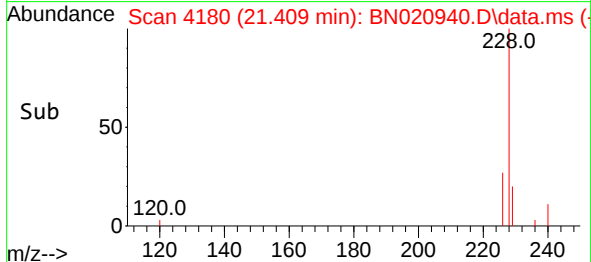
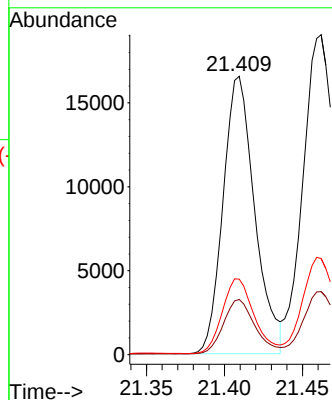
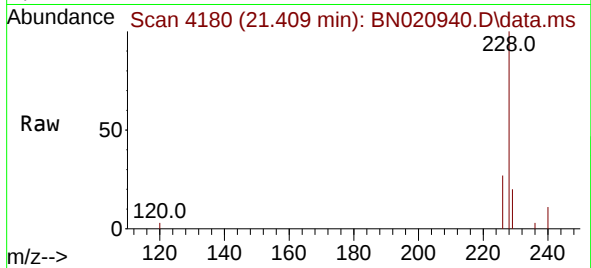




#21
Benzo(a)anthracene
Concen: 0.622 ng/ul
RT: 21.409 min Scan# 4180
Delta R.T. 0.003 min
Lab File: BN020940.D
Acq: 02 Aug 2022 13:16

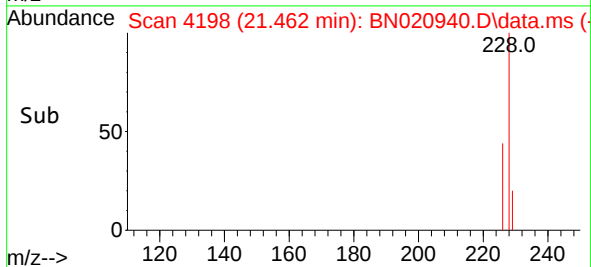
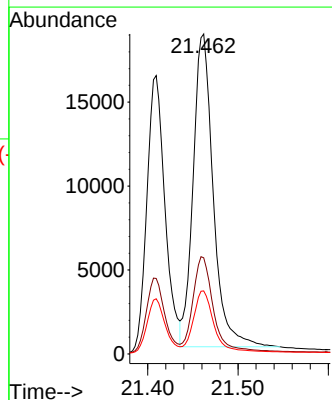
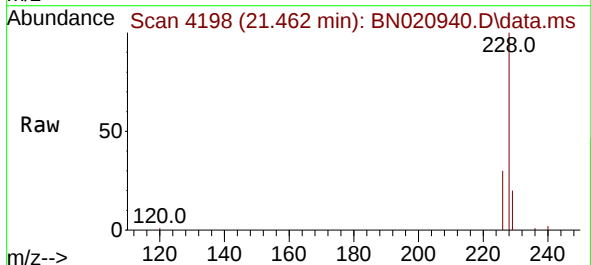
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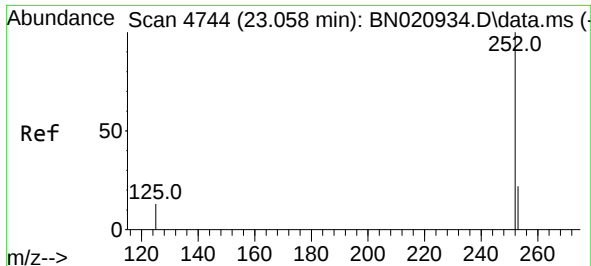
Tgt Ion:228 Resp: 23418
Ion Ratio Lower Upper
228 100
229 19.8 16.0 24.0
226 27.1 21.9 32.9



#22
Chrysene
Concen: 0.619 ng/ul
RT: 21.462 min Scan# 4198
Delta R.T. 0.006 min
Lab File: BN020940.D
Acq: 02 Aug 2022 13:16

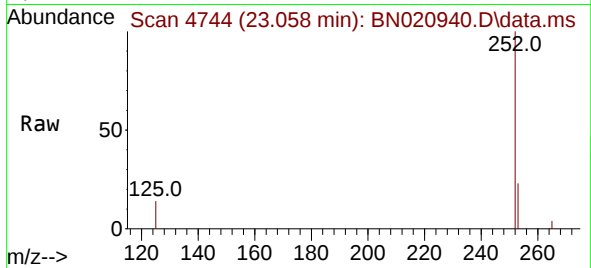
Tgt Ion:228 Resp: 28819
Ion Ratio Lower Upper
228 100
226 30.1 24.6 37.0
229 19.7 15.8 23.8



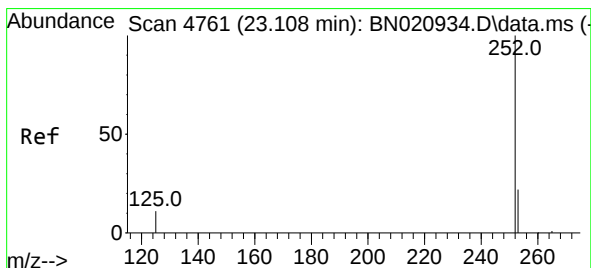
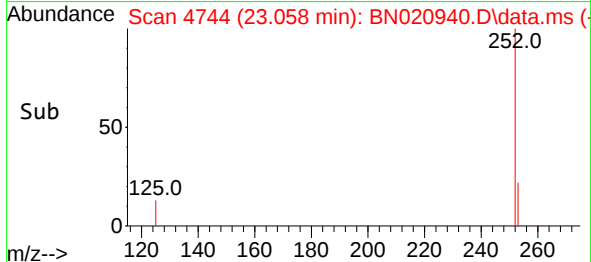
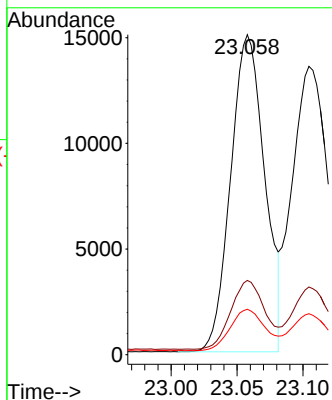


#24
Benzo(b)fluoranthene
Concen: 0.684 ng/ul
RT: 23.058 min Scan# 41
Delta R.T. 0.003 min
Lab File: BN020940.D
Acq: 02 Aug 2022 13:16

Instrument :
BNA_N
ClientSampleId :
SP5565

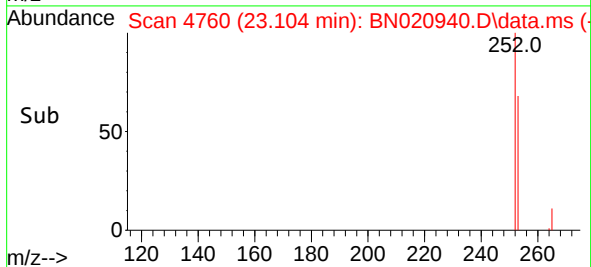
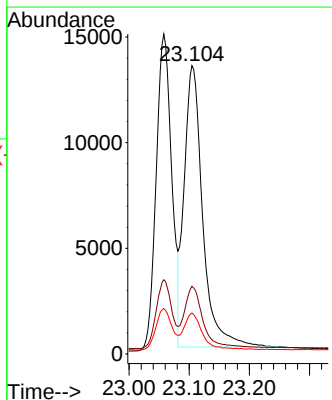
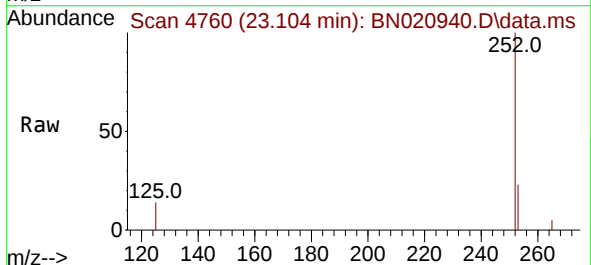


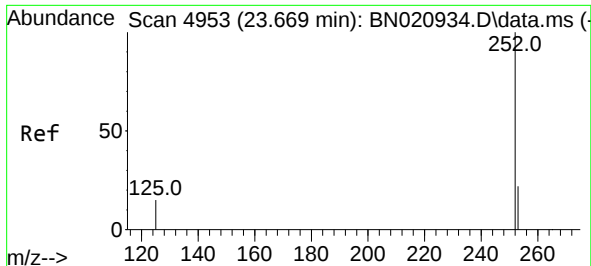
Tgt Ion:252 Resp: 26964
Ion Ratio Lower Upper
252 100
253 23.2 0.0 50.8
125 14.2 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.666 ng/ul
RT: 23.104 min Scan# 4760
Delta R.T. 0.003 min
Lab File: BN020940.D
Acq: 02 Aug 2022 13:16

Tgt Ion:252 Resp: 28482
Ion Ratio Lower Upper
252 100
253 23.5 20.6 31.0
125 14.2 11.8 17.6

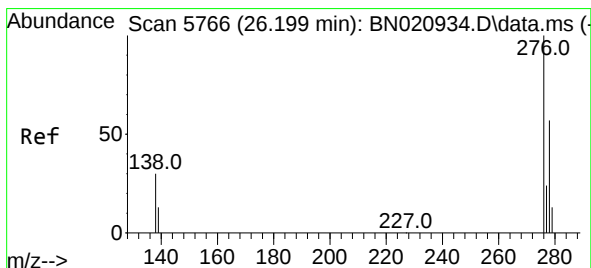
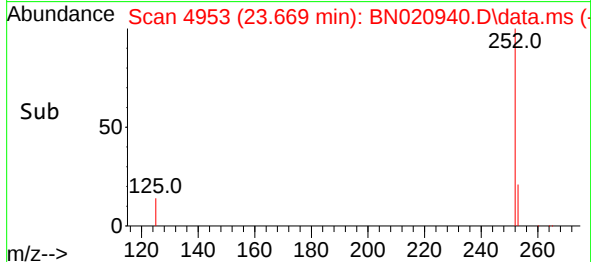
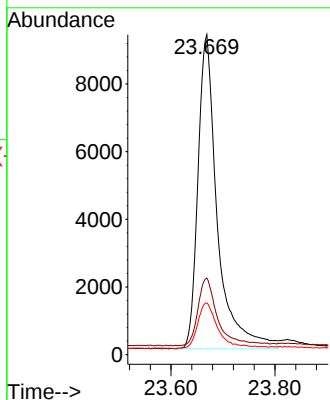
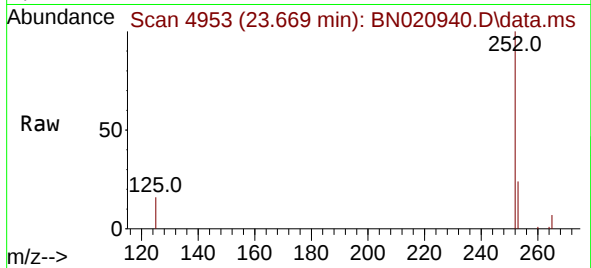




#26
Benzo(a)pyrene
Concen: 0.648 ng/ul
RT: 23.669 min Scan# 4953
Delta R.T. 0.006 min
Lab File: BN020940.D
Acq: 02 Aug 2022 13:16

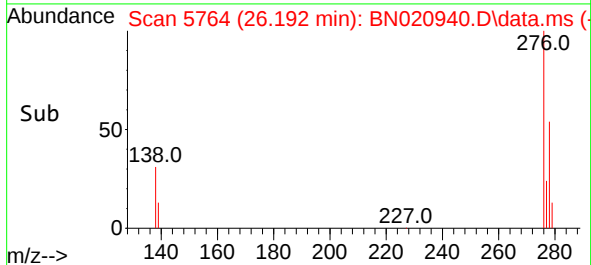
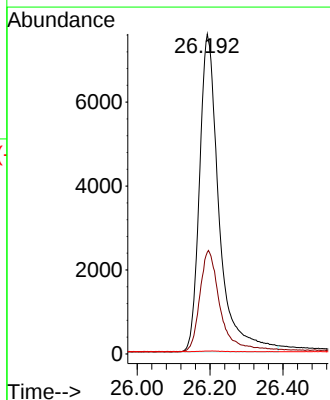
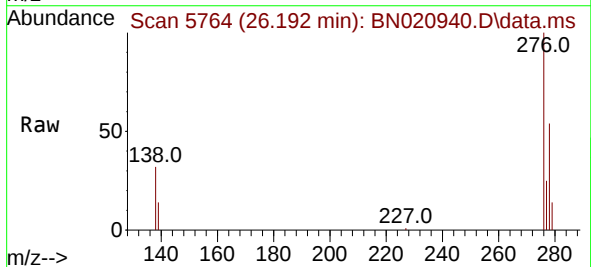
Instrument :
BNA_N
ClientSampleId :
SP5565

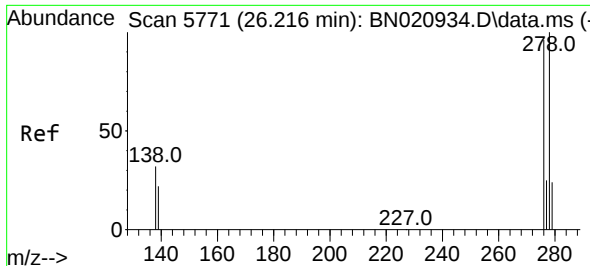
Tgt Ion:252 Resp: 24118
Ion Ratio Lower Upper
252 100
253 23.9 22.1 33.1
125 16.2 14.7 22.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.645 ng/ul
RT: 26.192 min Scan# 5764
Delta R.T. 0.003 min
Lab File: BN020940.D
Acq: 02 Aug 2022 13:16

Tgt Ion:276 Resp: 28220
Ion Ratio Lower Upper
276 100
138 33.6 26.1 39.1
227 0.2 0.1 0.1#

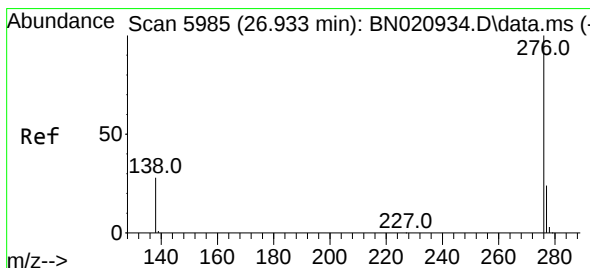
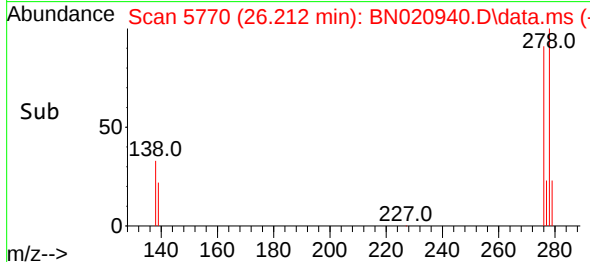
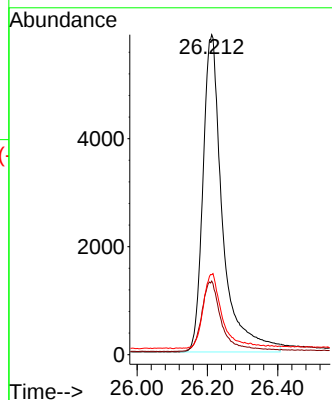
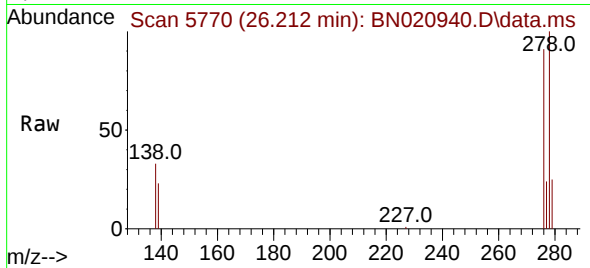




#28
 Dibenzo(a,h)anthracene
 Concen: 0.636 ng/ul
 RT: 26.212 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: BN020940.D
 Acq: 02 Aug 2022 13:16

Instrument :
 BNA_N
 ClientSampleId :
 SP5565

Tgt Ion:278 Resp: 22779
 Ion Ratio Lower Upper
 278 100
 139 23.0 18.3 27.5
 279 25.0 23.9 35.9



#29
 Benzo(g,h,i)perylene
 Concen: 0.645 ng/ul
 RT: 26.933 min Scan# 5985
 Delta R.T. -0.000 min
 Lab File: BN020940.D
 Acq: 02 Aug 2022 13:16

Tgt Ion:276 Resp: 25670
 Ion Ratio Lower Upper
 276 100
 138 28.9 22.6 34.0
 277 23.6 20.2 30.2

