

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052022\
 Data File : BN019863.D
 Acq On : 20 May 2022 10:54
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4358

Quant Time: May 21 01:53:03 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 01:41:05 2022
 Response via : Initial Calibration

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

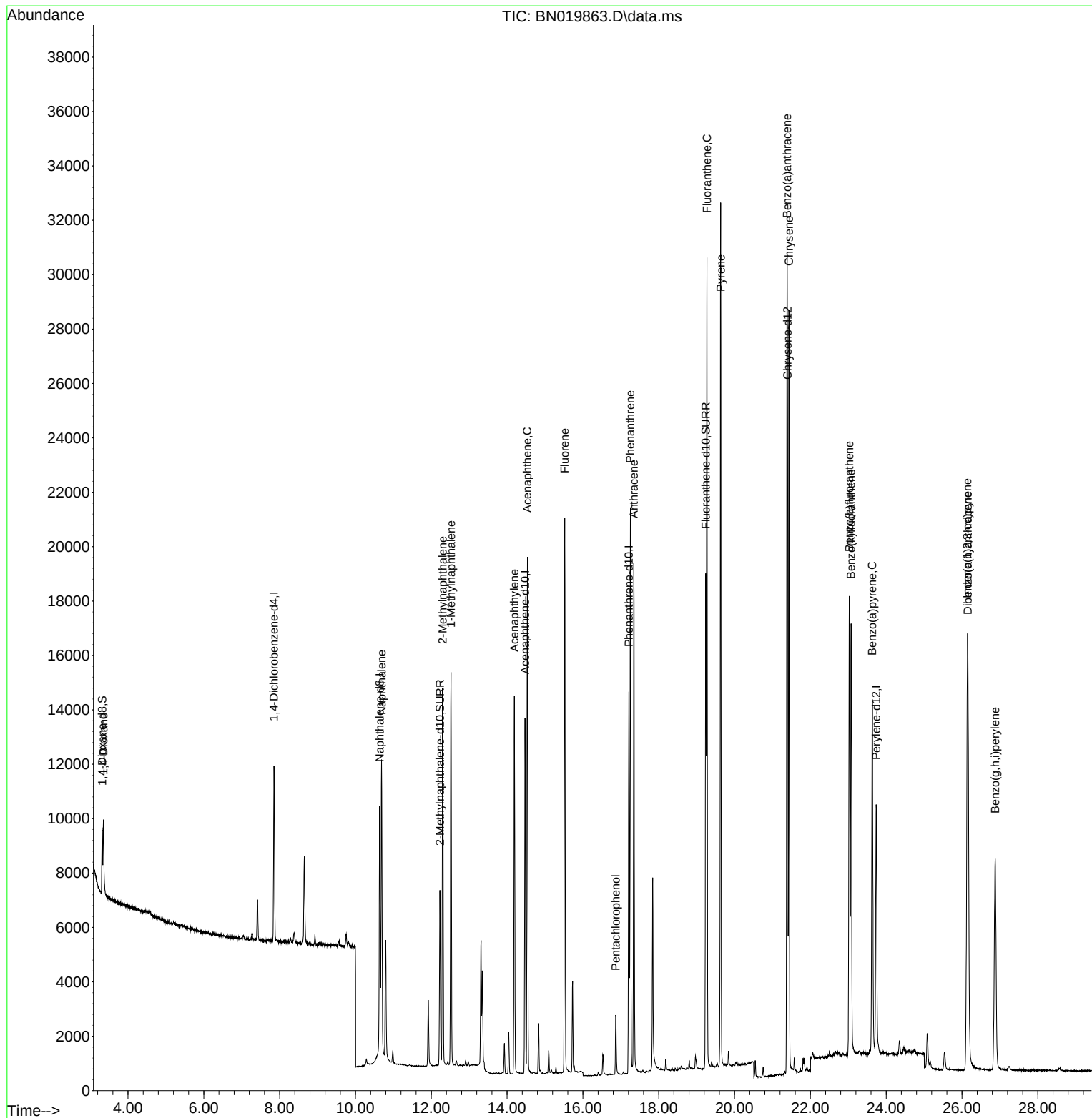
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.850	152	3434	0.400	ng/ul	0.00
4) Naphthalene-d8	10.639	136	11902	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.474	164	7456	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.212	188	16092	0.400	ng/ul	0.00
17) Chrysene-d12	21.398	240	15813	0.400	ng/ul	0.00
23) Perylene-d12	23.736	264	13332	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	1678	0.413	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.228	152	8448	0.469	ng/ul	0.00
18) Fluoranthene-d10	19.239	212	20166	0.403	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	1714	0.397	ng/ul#	1
5) Naphthalene	10.688	128	19550	0.507	ng/ul	99
7) 2-Methylnaphthalene	12.300	142	10006	0.426	ng/ul#	100
8) 1-Methylnaphthalene	12.520	142	10098	0.464	ng/ul#	100
10) Acenaphthylene	14.191	152	15937	0.432	ng/ul	100
11) Acenaphthene	14.534	153	11177	0.377	ng/ul	98
12) Fluorene	15.519	166	13503	0.415	ng/ul	100
14) Pentachlorophenol	16.866	266	1620	0.468	ng/ul	91
15) Phenanthrene	17.250	178	22862	0.386	ng/ul	99
16) Anthracene	17.343	178	20717	0.429	ng/ul	98
19) Fluoranthene	19.271	202	25859	0.357	ng/ul	99
20) Pyrene	19.634	202	26920	0.373	ng/ul	100
21) Benzo(a)anthracene	21.383	228	24141	0.408	ng/ul	99
22) Chrysene	21.433	228	24254	0.348	ng/ul	100
24) Benzo(b)fluoranthene	23.026	252	22639	0.335	ng/ul	91
25) Benzo(k)fluoranthene	23.073	252	21274	0.326	ng/ul	97
26) Benzo(a)pyrene	23.631	252	20831	0.362	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	26.142	276	20719	0.288	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.156	278	16991	0.283	ng/ul#	81
29) Benzo(g,h,i)perylene	26.873	276	17195	0.262	ng/ul	97

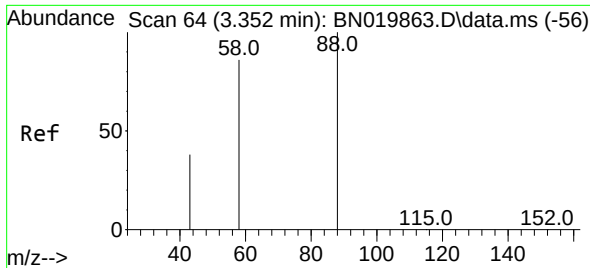
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 17 01:41:05 2022
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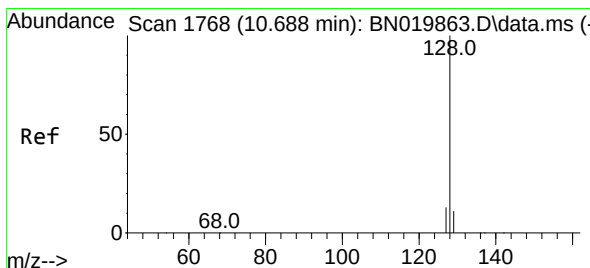
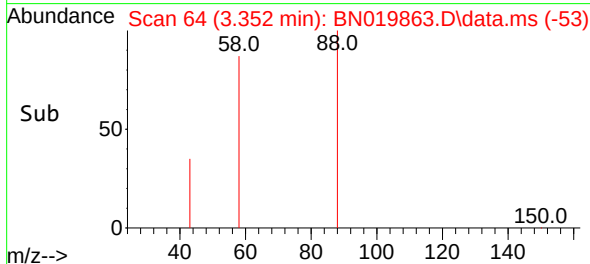
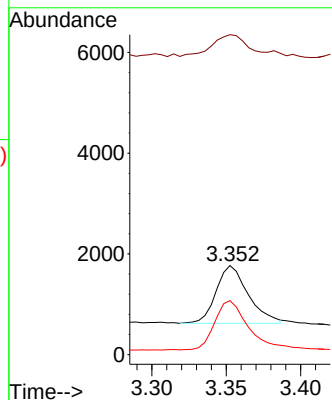
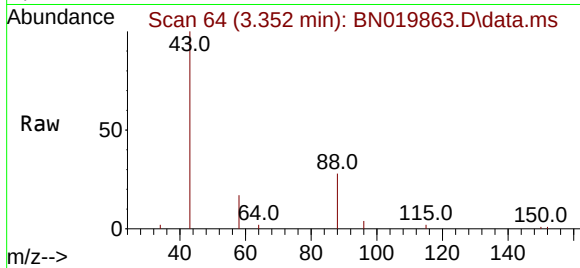




#2
 1,4-Dioxane
 Concen: 0.397 ng/ul
 RT: 3.352 min Scan# 64
 Delta R.T. -0.005 min
 Lab File: BN019863.D
 Acq: 20 May 2022 10:54

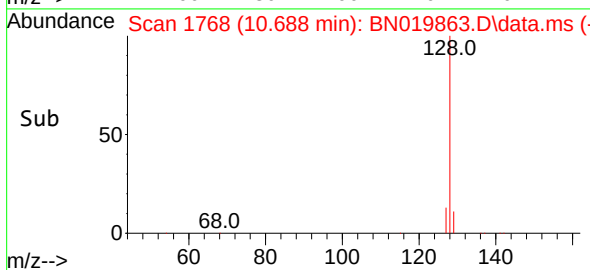
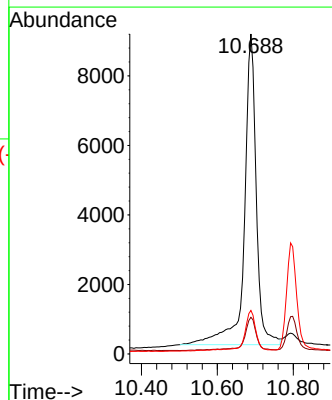
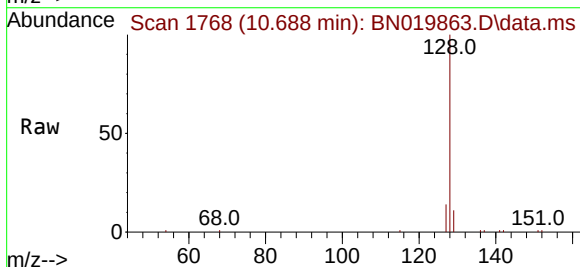
Instrument :
 BNA_N
 ClientSampleId :
 SST00.4358

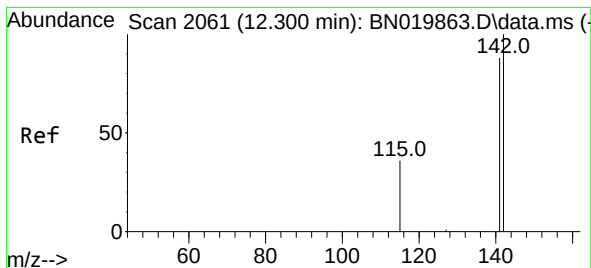
Tgt Ion: 88 Resp: 1714
 Ion Ratio Lower Upper
 88 100
 43 359.1 39.0 58.4#
 58 60.8 39.8 59.8#



#5
 Naphthalene
 Concen: 0.507 ng/ul
 RT: 10.688 min Scan# 1768
 Delta R.T. -0.006 min
 Lab File: BN019863.D
 Acq: 20 May 2022 10:54

Tgt Ion: 128 Resp: 19550
 Ion Ratio Lower Upper
 128 100
 129 11.4 9.5 14.3
 127 13.6 11.0 16.4

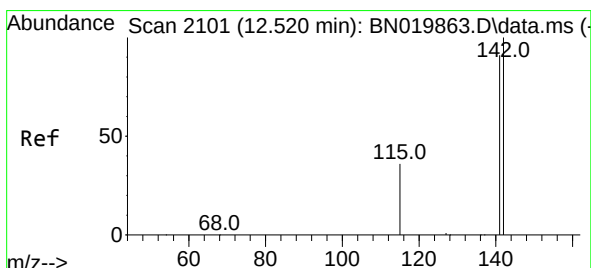
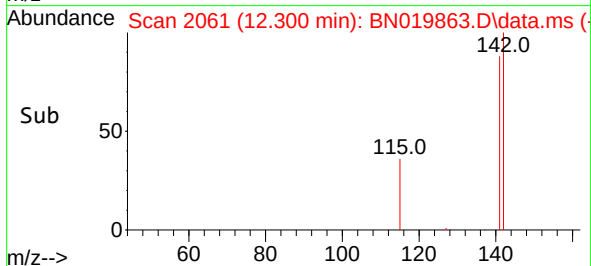
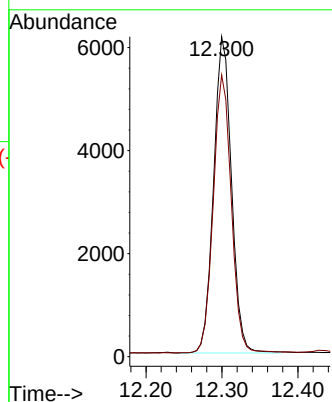
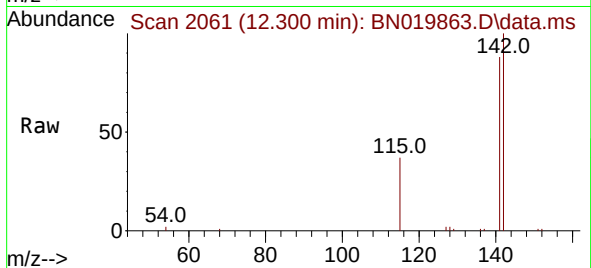




#7
2-Methylnaphthalene
Concen: 0.426 ng/ul
RT: 12.300 min Scan# 2061
Delta R.T. -0.006 min
Lab File: BN019863.D
Acq: 20 May 2022 10:54

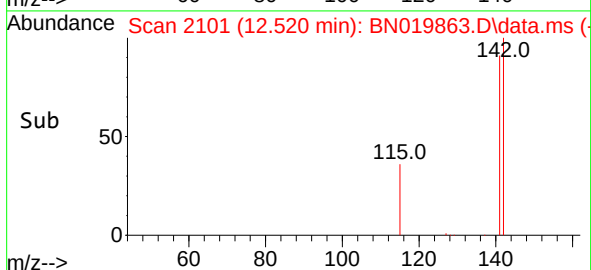
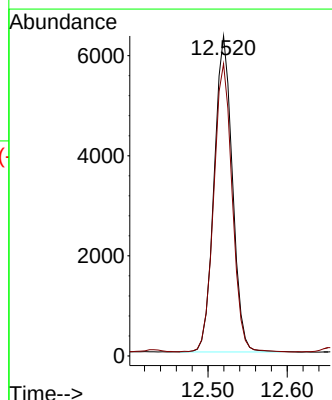
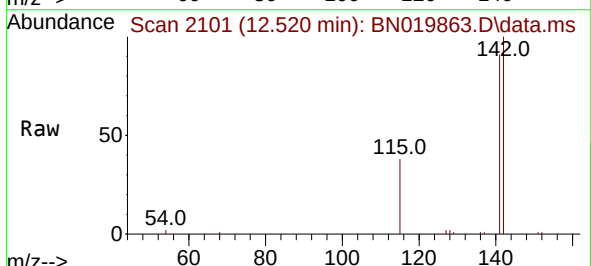
Instrument :
BNA_N
ClientSampleId :
SSTD0.4358

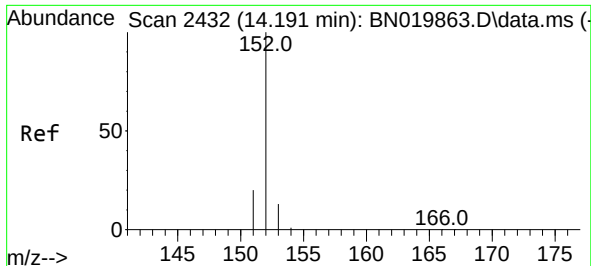
Tgt Ion:142 Resp: 10006
Ion Ratio Lower Upper
142 100
141 88.5 0.0 0.0#



#8
1-Methylnaphthalene
Concen: 0.464 ng/ul
RT: 12.520 min Scan# 2101
Delta R.T. -0.006 min
Lab File: BN019863.D
Acq: 20 May 2022 10:54

Tgt Ion:142 Resp: 10098
Ion Ratio Lower Upper
142 100
141 92.0 0.0 0.0#

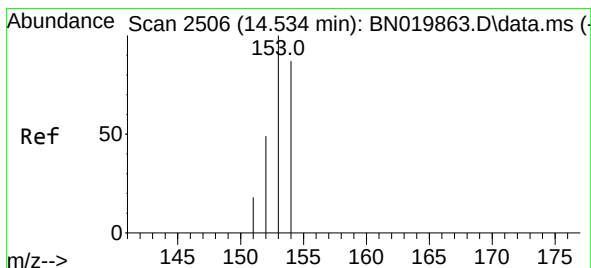
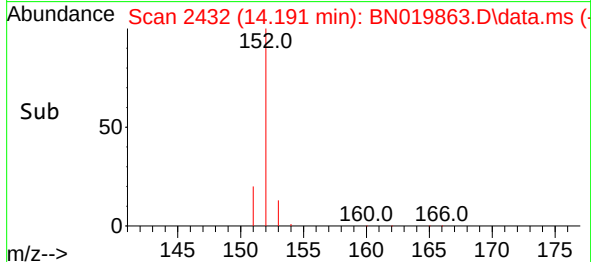
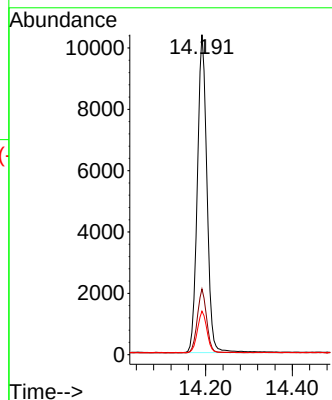
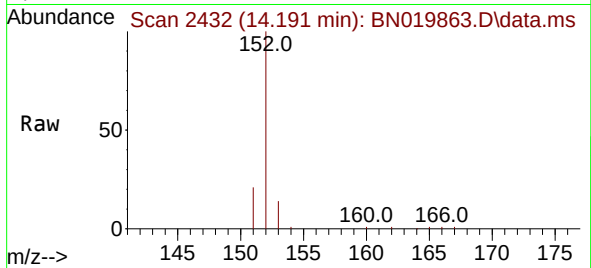




#10
Acenaphthylene
Concen: 0.432 ng/ul
RT: 14.191 min Scan# 2432
Delta R.T. -0.005 min
Lab File: BN019863.D
Acq: 20 May 2022 10:54

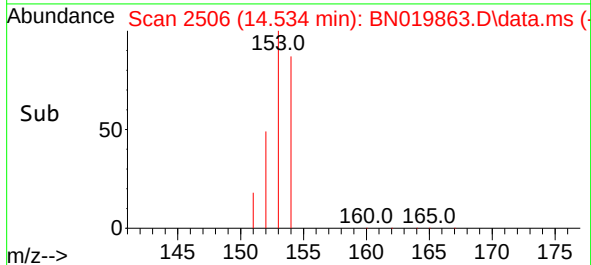
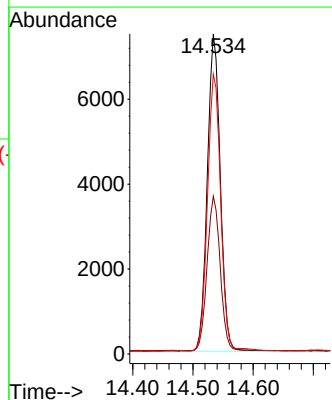
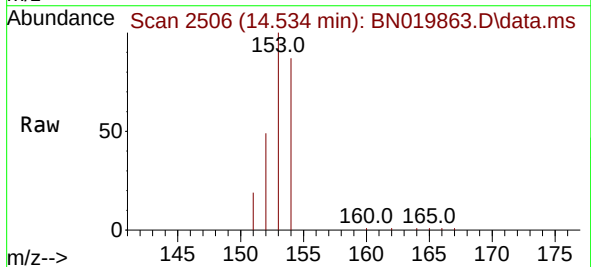
Instrument :
BNA_N
ClientSampleId :
SSTD0.4358

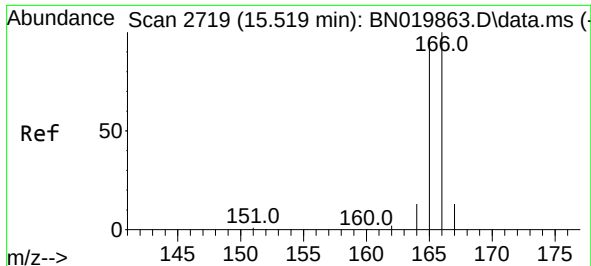
Tgt Ion:152 Resp: 15937
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 13.6 11.1 16.7



#11
Acenaphthene
Concen: 0.377 ng/ul
RT: 14.534 min Scan# 2506
Delta R.T. -0.005 min
Lab File: BN019863.D
Acq: 20 May 2022 10:54

Tgt Ion:153 Resp: 11177
Ion Ratio Lower Upper
153 100
152 49.3 38.6 57.8
154 87.4 71.2 106.8

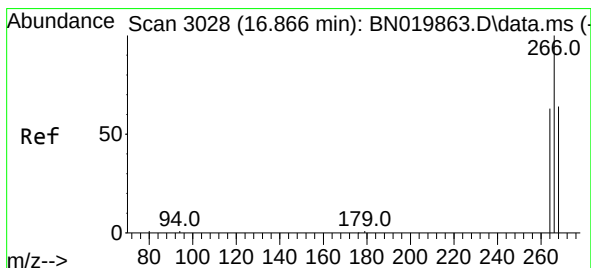
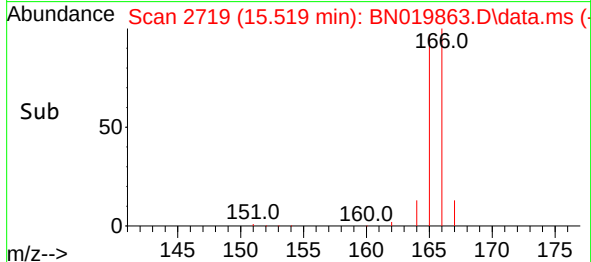
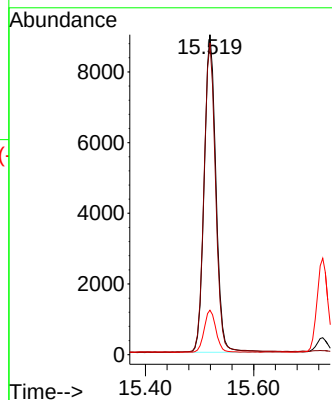
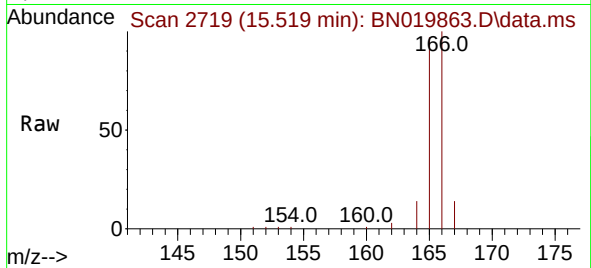




#12
Fluorene
Concen: 0.415 ng/ul
RT: 15.519 min Scan# 2719
Delta R.T. -0.005 min
Lab File: BN019863.D
Acq: 20 May 2022 10:54

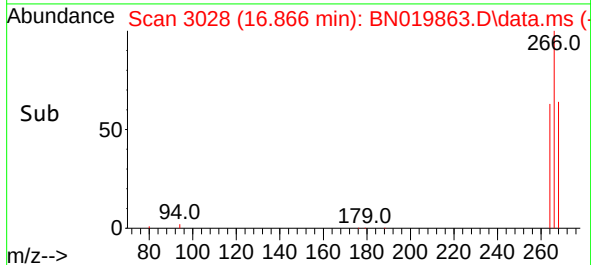
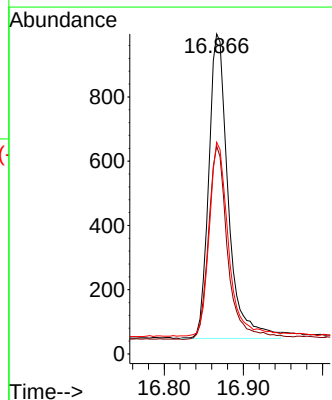
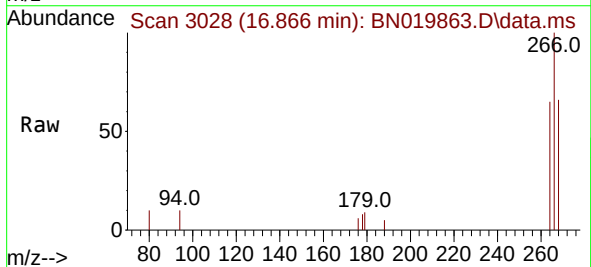
Instrument :
BNA_N
ClientSampleId :
SSTD0.4358

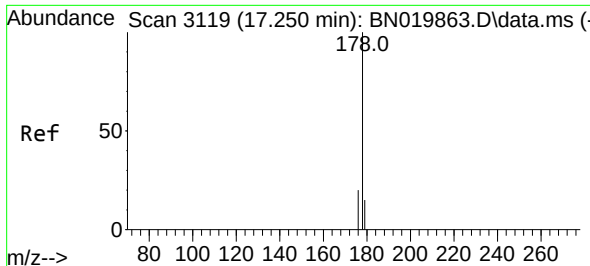
Tgt Ion:166 Resp: 13503
Ion Ratio Lower Upper
166 100
165 97.4 78.2 117.2
167 13.9 11.3 16.9



#14
Pentachlorophenol
Concen: 0.468 ng/ul
RT: 16.866 min Scan# 3028
Delta R.T. -0.000 min
Lab File: BN019863.D
Acq: 20 May 2022 10:54

Tgt Ion:266 Resp: 1620
Ion Ratio Lower Upper
266 100
264 63.0 44.9 67.3
268 62.5 44.6 67.0

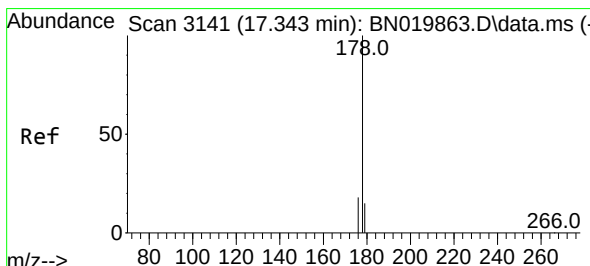
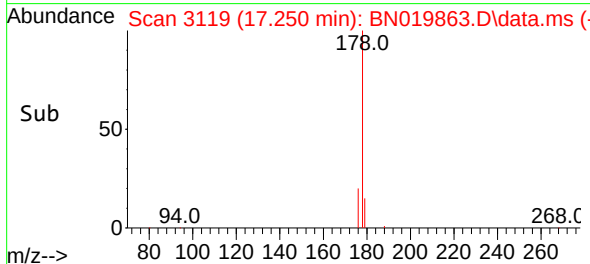
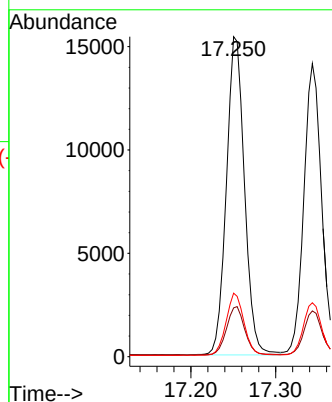
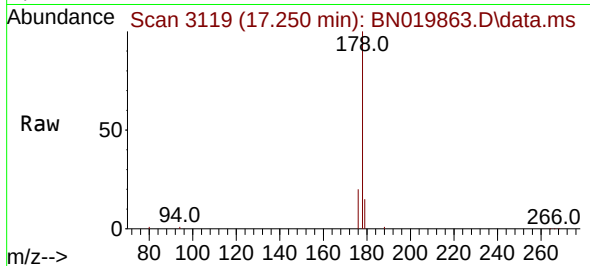




#15
Phenanthrene
Concen: 0.386 ng/ul
RT: 17.250 min Scan# 3119
Delta R.T. -0.005 min
Lab File: BN019863.D
Acq: 20 May 2022 10:54

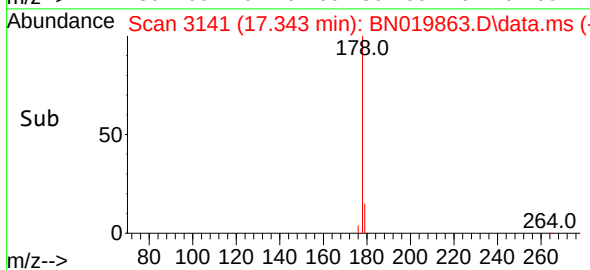
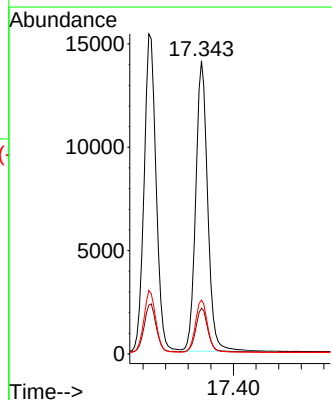
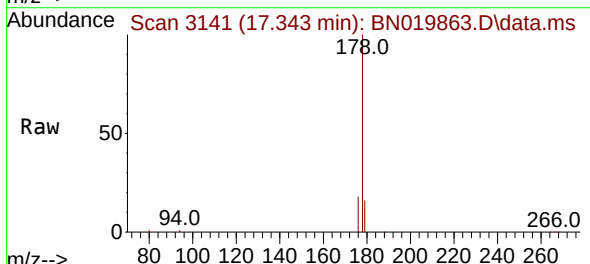
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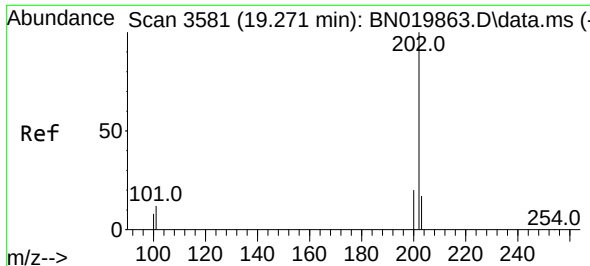
Tgt Ion:178 Resp: 22862
Ion Ratio Lower Upper
178 100
179 15.3 12.9 19.3
176 19.9 15.5 23.3



#16
Anthracene
Concen: 0.429 ng/ul
RT: 17.343 min Scan# 3141
Delta R.T. -0.005 min
Lab File: BN019863.D
Acq: 20 May 2022 10:54

Tgt Ion:178 Resp: 20717
Ion Ratio Lower Upper
178 100
179 15.6 13.1 19.7
176 18.4 15.3 22.9

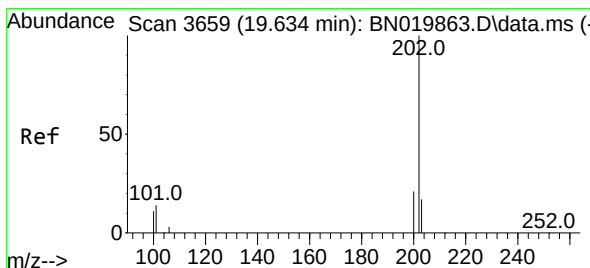
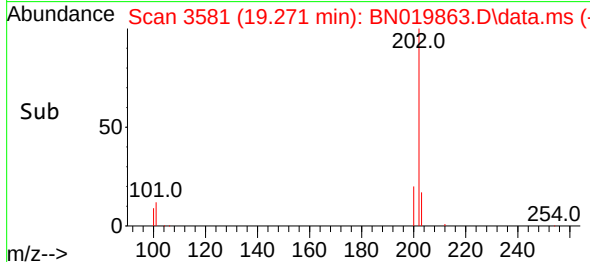
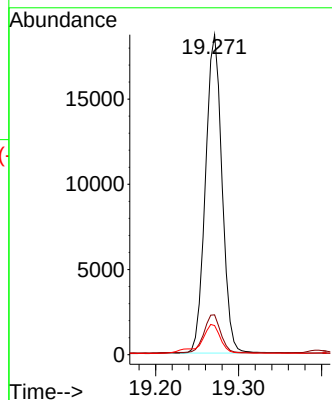
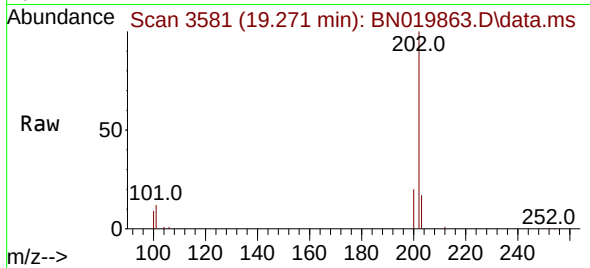




#19
Fluoranthene
Concen: 0.357 ng/ul
RT: 19.271 min Scan# 3581
Delta R.T. -0.000 min
Lab File: BN019863.D
Acq: 20 May 2022 10:54

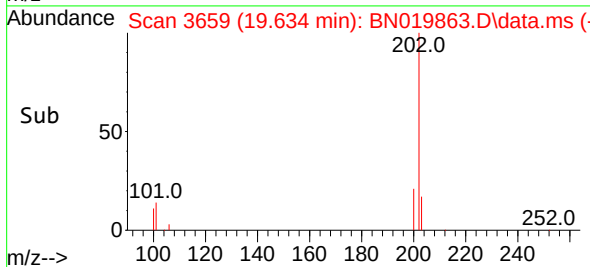
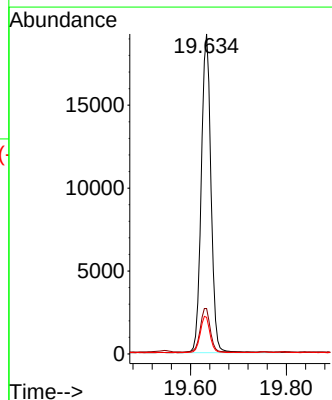
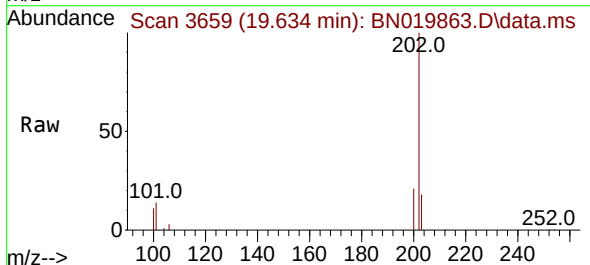
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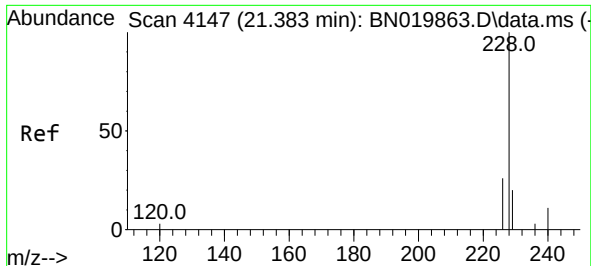
Tgt Ion:202 Resp: 25859
Ion Ratio Lower Upper
202 100
101 12.5 9.7 14.5
100 9.1 7.4 11.2



#20
Pyrene
Concen: 0.373 ng/ul
RT: 19.634 min Scan# 3659
Delta R.T. -0.000 min
Lab File: BN019863.D
Acq: 20 May 2022 10:54

Tgt Ion:202 Resp: 26920
Ion Ratio Lower Upper
202 100
101 14.2 11.4 17.0
100 11.4 9.0 13.4

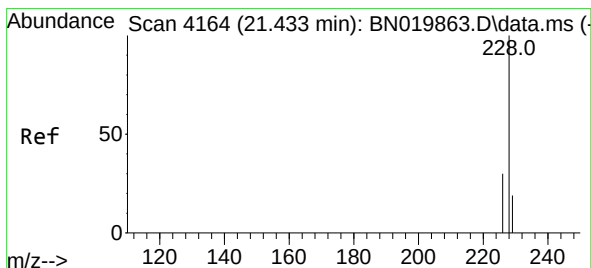
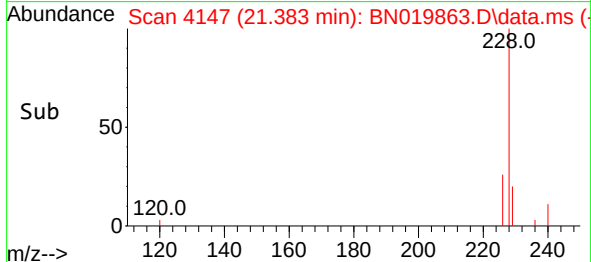
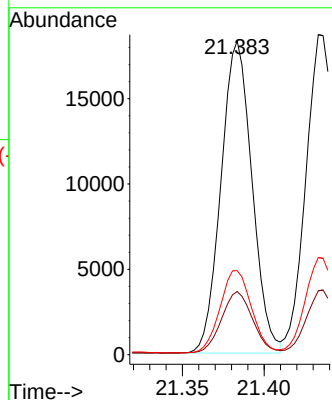
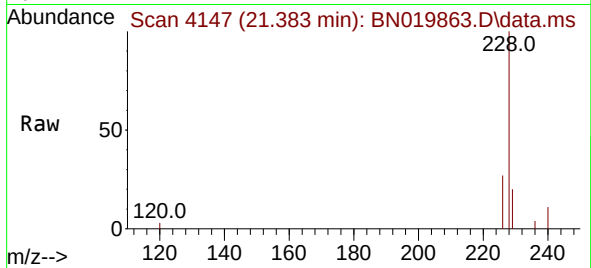




#21
Benzo(a)anthracene
Concen: 0.408 ng/ul
RT: 21.383 min Scan# 4147
Delta R.T. -0.005 min
Lab File: BN019863.D
Acq: 20 May 2022 10:54

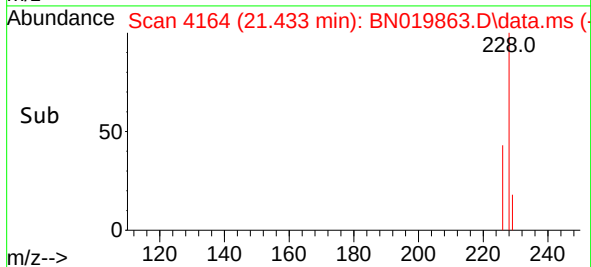
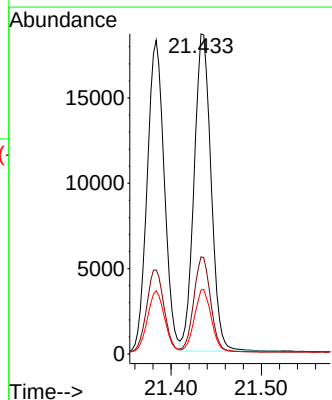
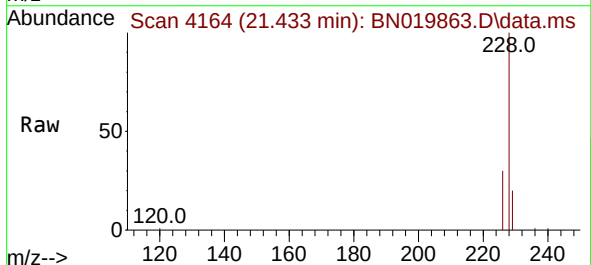
Instrument :
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SSTD0.4358

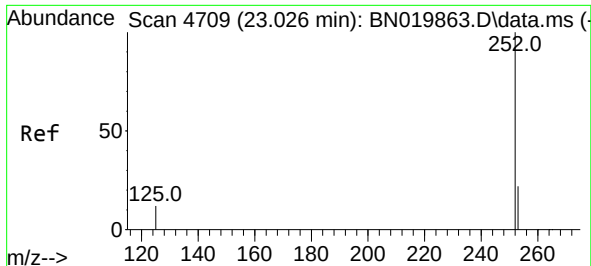
Tgt Ion:228 Resp: 24141
Ion Ratio Lower Upper
228 100
229 20.1 16.1 24.1
226 26.8 22.1 33.1



#22
Chrysene
Concen: 0.348 ng/ul
RT: 21.433 min Scan# 4164
Delta R.T. -0.007 min
Lab File: BN019863.D
Acq: 20 May 2022 10:54

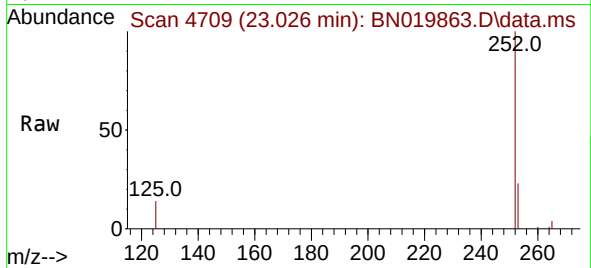
Tgt Ion:228 Resp: 24254
Ion Ratio Lower Upper
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226 30.3 24.2 36.2
229 20.0 16.0 24.0



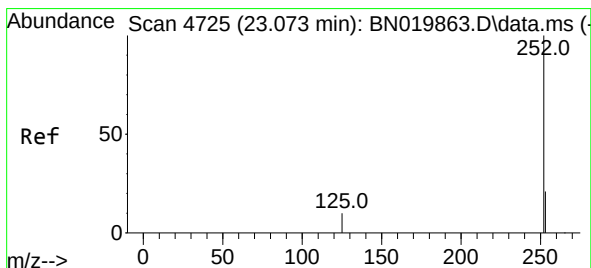
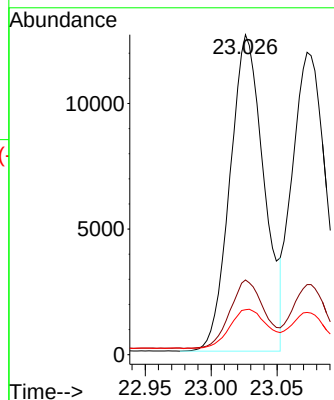


#24
Benzo(b)fluoranthene
Concen: 0.335 ng/ul
RT: 23.026 min Scan# 4709
Delta R.T. -0.007 min
Lab File: BN019863.D
Acq: 20 May 2022 10:54

Instrument :
BNA_N
ClientSampleId :
SSTD0.4358

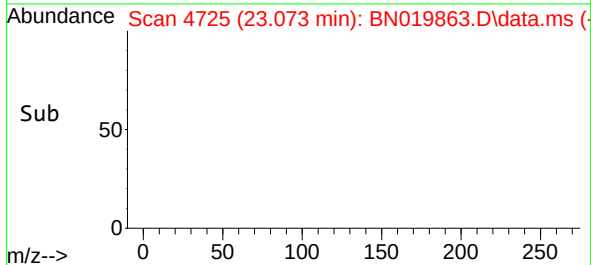
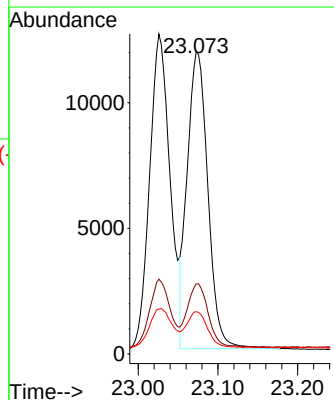
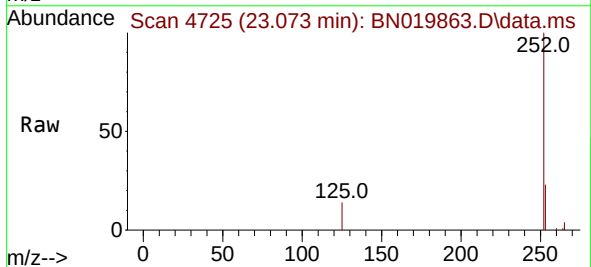


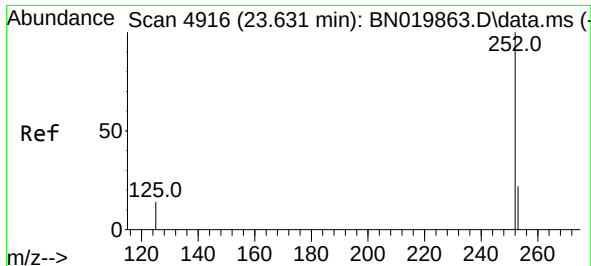
Tgt Ion:252 Resp: 22639
Ion Ratio Lower Upper
252 100
253 23.4 0.0 52.0
125 14.1 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 0.326 ng/ul
RT: 23.073 min Scan# 4725
Delta R.T. -0.007 min
Lab File: BN019863.D
Acq: 20 May 2022 10:54

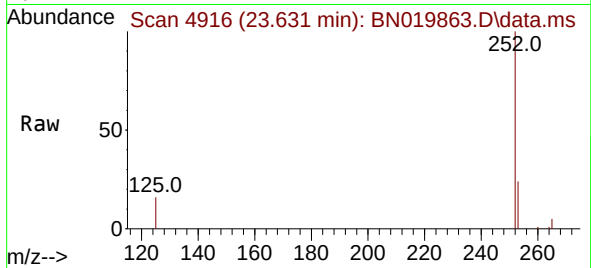
Tgt Ion:252 Resp: 21274
Ion Ratio Lower Upper
252 100
253 23.2 20.2 30.2
125 14.0 11.0 16.6



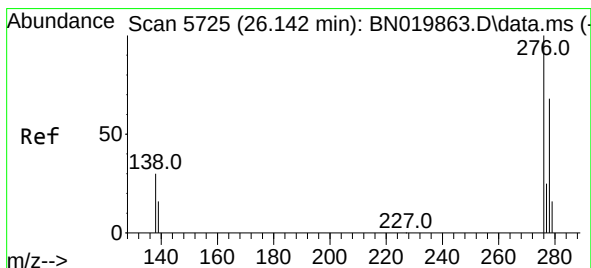
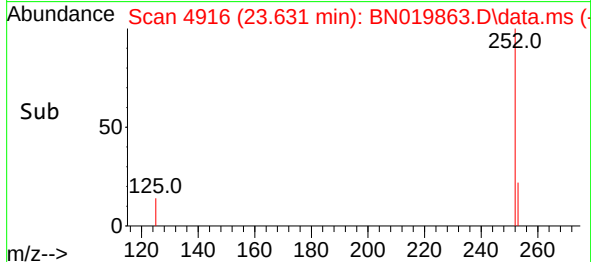
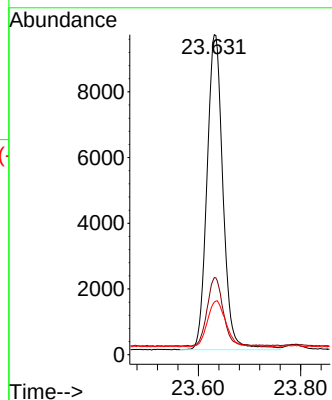


#26
Benzo(a)pyrene
Concen: 0.362 ng/ul
RT: 23.631 min Scan# 4916
Delta R.T. -0.007 min
Lab File: BN019863.D
Acq: 20 May 2022 10:54

Instrument :
BNA_N
ClientSampleId :
SSTD0.4358

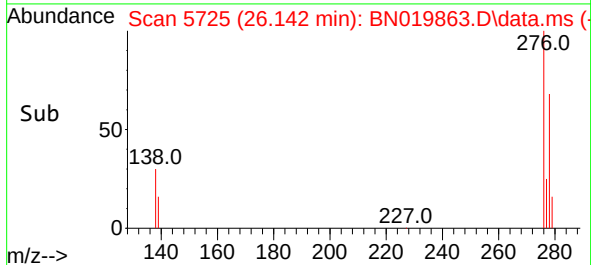
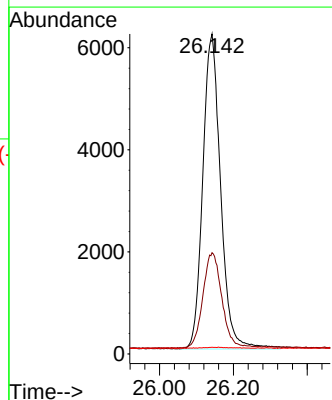
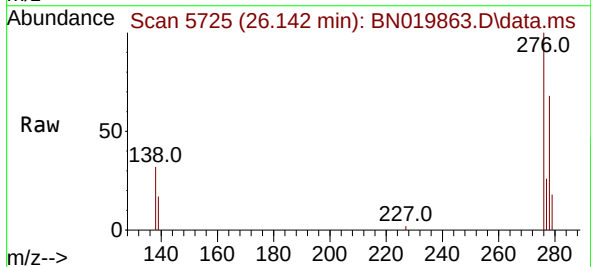


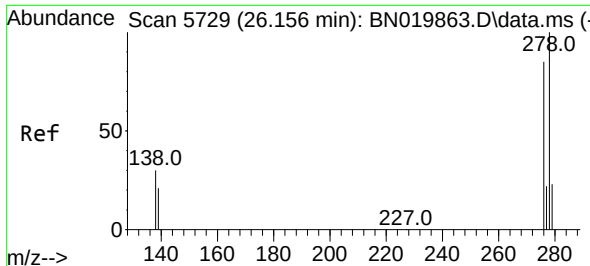
Tgt Ion:252 Resp: 20831
Ion Ratio Lower Upper
252 100
253 24.1 23.4 35.0
125 16.4 28.3 42.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.288 ng/ul
RT: 26.142 min Scan# 5725
Delta R.T. -0.005 min
Lab File: BN019863.D
Acq: 20 May 2022 10:54

Tgt Ion:276 Resp: 20719
Ion Ratio Lower Upper
276 100
138 32.4 23.6 35.4
227 0.1 0.0 0.0#

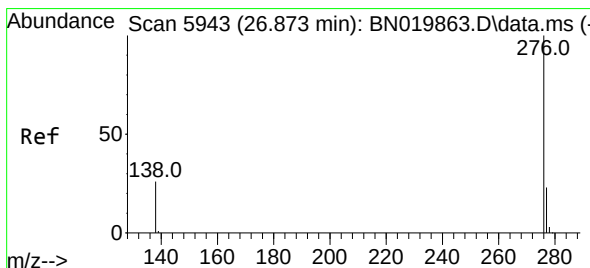
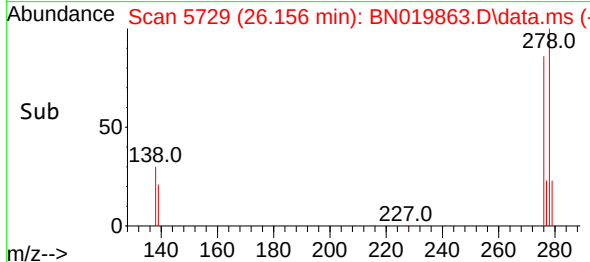
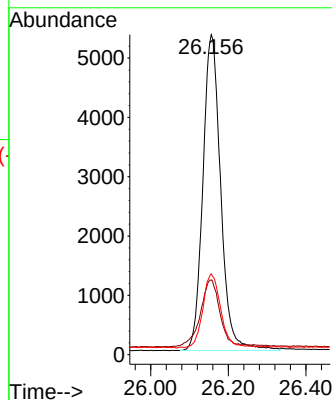
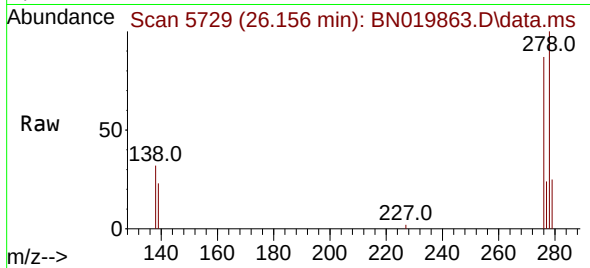




#28
Dibenzo(a,h)anthracene
Concen: 0.283 ng/ul
RT: 26.156 min Scan# 51
Delta R.T. -0.009 min
Lab File: BN019863.D
Acq: 20 May 2022 10:54

Instrument :
BNA_N
ClientSampleId :
SSTD0.4358

Tgt Ion:278 Resp: 16991
Ion Ratio Lower Upper
278 100
139 23.4 18.6 28.0
279 25.3 35.1 52.7#



#29
Benzo(g,h,i)perylene
Concen: 0.262 ng/ul
RT: 26.873 min Scan# 5943
Delta R.T. -0.005 min
Lab File: BN019863.D
Acq: 20 May 2022 10:54

Tgt Ion:276 Resp: 17195
Ion Ratio Lower Upper
276 100
138 27.9 20.9 31.3
277 24.4 20.4 30.6

