

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071922\
 Data File : BN020781.D
 Acq On : 19 Jul 2022 19:01
 Operator : CG/JU
 Sample : PB146235BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS235

Quant Time: Jul 20 01:05:33 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 01:02:30 2022
 Response via : Initial Calibration

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

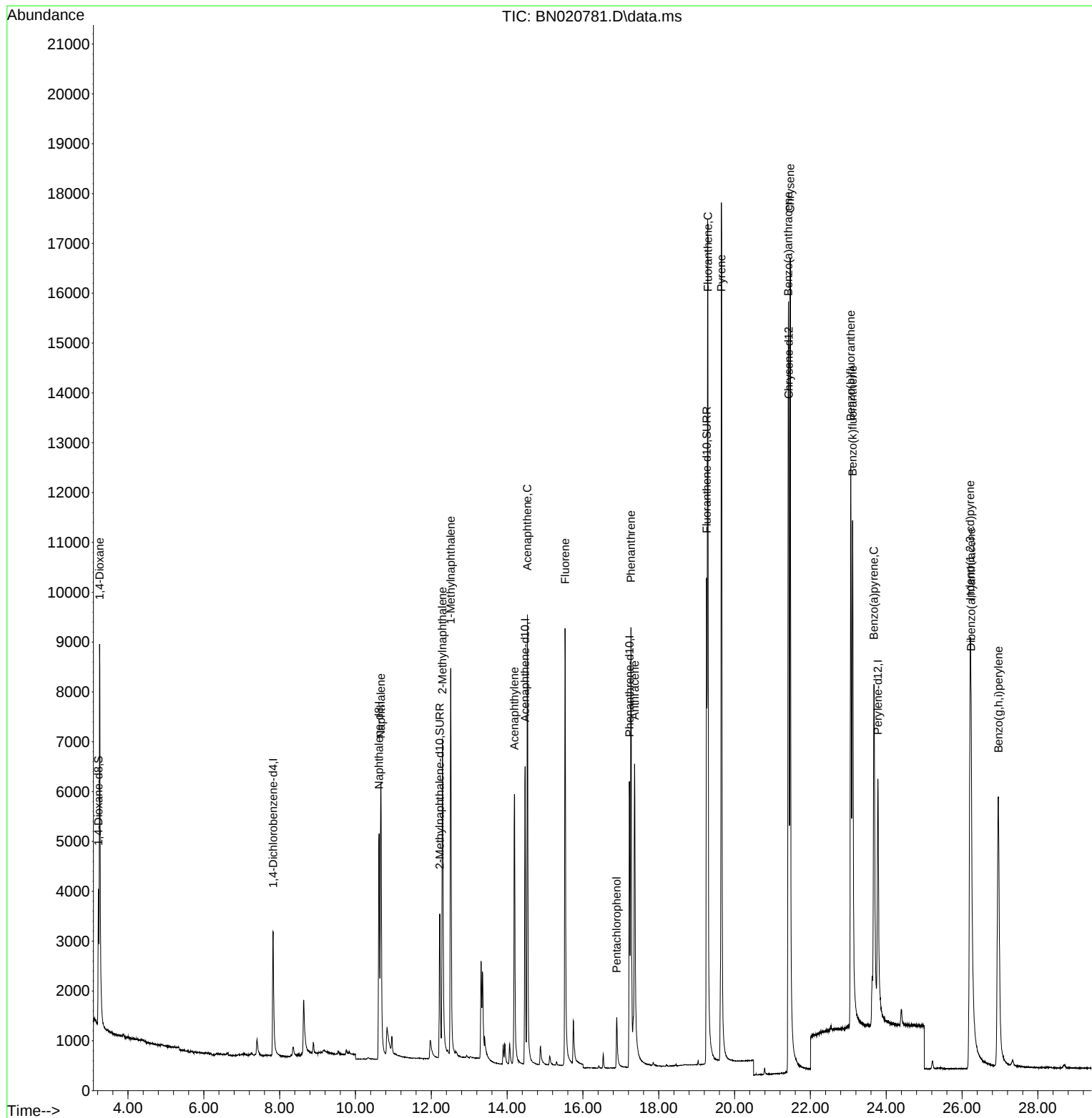
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.830	152	1870	0.400	ng/ul	0.00
4) Naphthalene-d8	10.623	136	7449	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.474	164	3779	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.226	188	7710	0.400	ng/ul	0.00
17) Chrysene-d12	21.432	240	9171	0.400	ng/ul	0.00
23) Perylene-d12	23.779	264	7462	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	1922	0.887	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.223	152	4791	0.392	ng/ul	0.00
18) Fluoranthene-d10	19.262	212	12167	0.402	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	5062	2.288	ng/ul#	82
5) Naphthalene	10.672	128	9449	0.411	ng/ul	100
7) 2-Methylnaphthalene	12.295	142	5970	0.388	ng/ul	99
8) 1-Methylnaphthalene	12.515	142	6399	0.439	ng/ul	99
10) Acenaphthylene	14.192	152	7849	0.438	ng/ul	100
11) Acenaphthene	14.534	153	6053	0.422	ng/ul	100
12) Fluorene	15.529	166	6993	0.412	ng/ul	99
14) Pentachlorophenol	16.892	266	947	0.609	ng/ul	99
15) Phenanthrene	17.268	178	11141	0.416	ng/ul	100
16) Anthracene	17.365	178	9260	0.400	ng/ul	100
19) Fluoranthene	19.295	202	16936	0.404	ng/ul	100
20) Pyrene	19.653	202	17492	0.403	ng/ul	97
21) Benzo(a)anthracene	21.417	228	12873	0.391	ng/ul	100
22) Chrysene	21.467	228	16719	0.456	ng/ul	98
24) Benzo(b)fluoranthene	23.066	252	15417	0.446	ng/ul	98
25) Benzo(k)fluoranthene	23.112	252	16644	0.477	ng/ul	99
26) Benzo(a)pyrene	23.677	252	13770	0.439	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.215	276	15431	0.494	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.238	278	11959	0.474	ng/ul	99
29) Benzo(g,h,i)perylene	26.959	276	13985	0.522	ng/ul	99

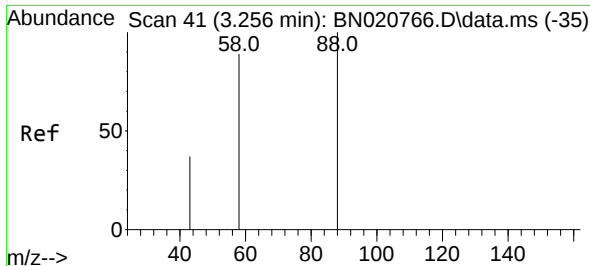
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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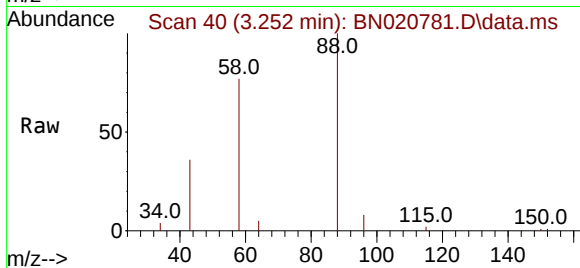
Quant Time: Jul 20 01:05:33 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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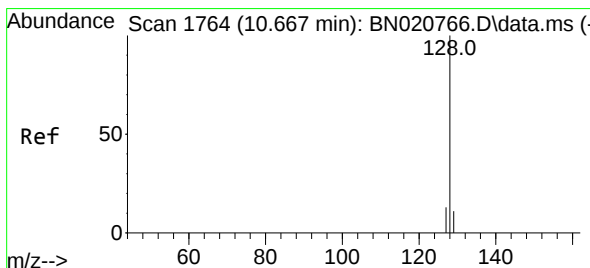
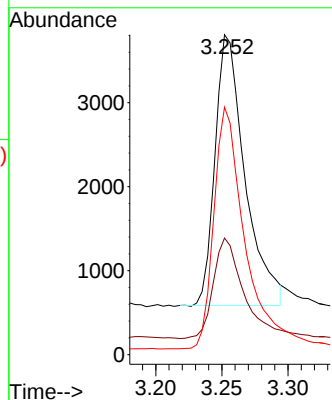
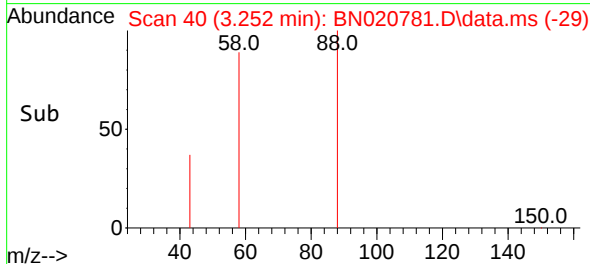


#2
 1,4-Dioxane
 Concen: 2.288 ng/ul
 RT: 3.252 min Scan# 40
 Delta R.T. -0.004 min
 Lab File: BN020781.D
 Acq: 19 Jul 2022 19:01

Instrument :
 BNA_N
 ClientSampleId :
 SLCS235

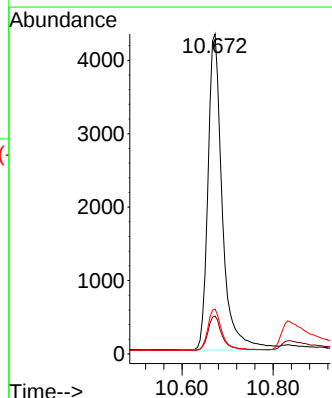
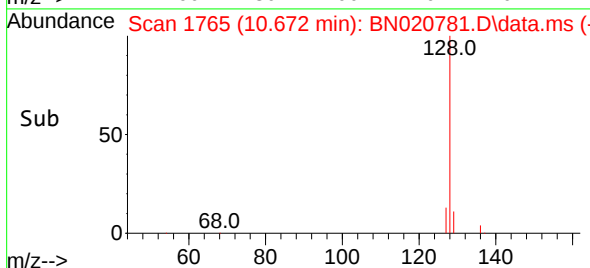
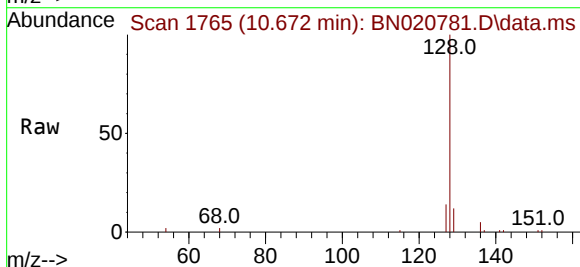


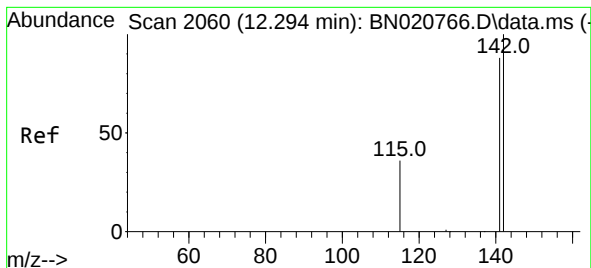
Tgt Ion: 88 Resp: 5062
 Ion Ratio Lower Upper
 88 100
 43 36.5 32.5 48.7
 58 77.4 46.2 69.2#



#5
 Naphthalene
 Concen: 0.411 ng/ul
 RT: 10.672 min Scan# 1765
 Delta R.T. 0.006 min
 Lab File: BN020781.D
 Acq: 19 Jul 2022 19:01

Tgt Ion: 128 Resp: 9449
 Ion Ratio Lower Upper
 128 100
 129 11.8 9.5 14.3
 127 14.0 11.3 16.9

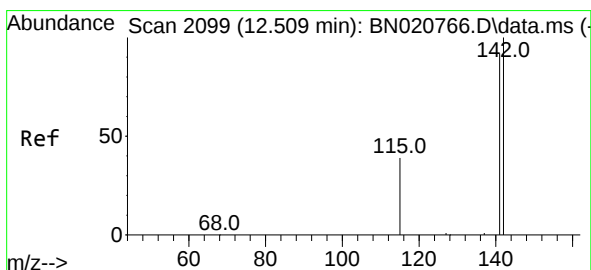
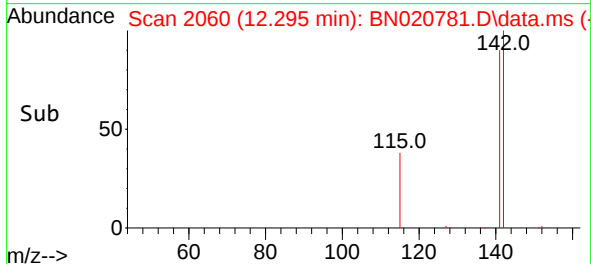
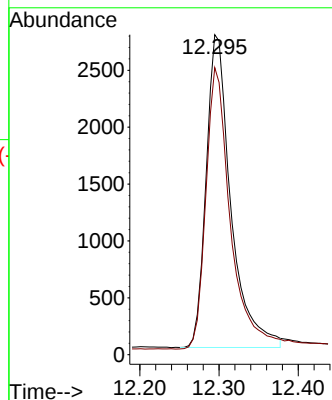
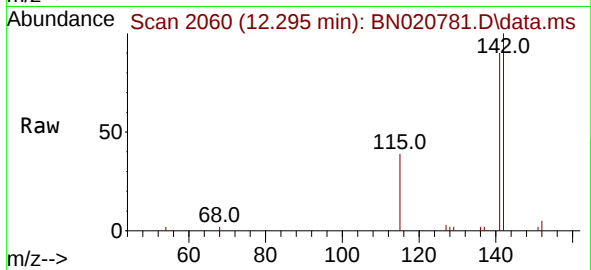




#7
2-Methylnaphthalene
Concen: 0.388 ng/ul
RT: 12.295 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BN020781.D
Acq: 19 Jul 2022 19:01

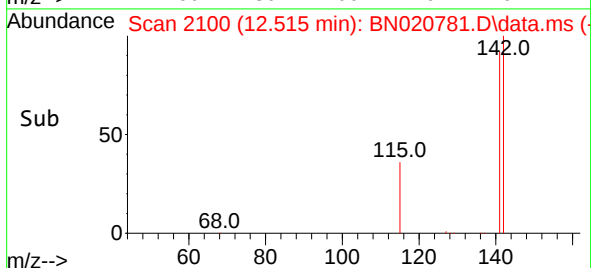
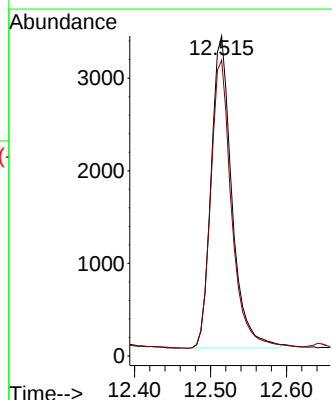
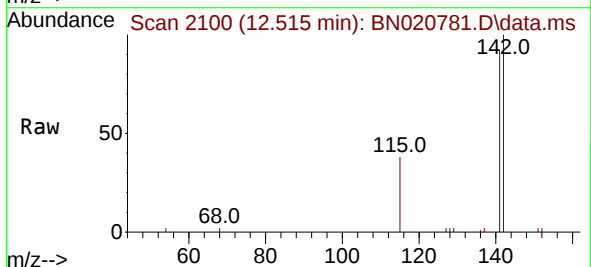
Instrument :
BNA_N
ClientSampleId :
SLCS235

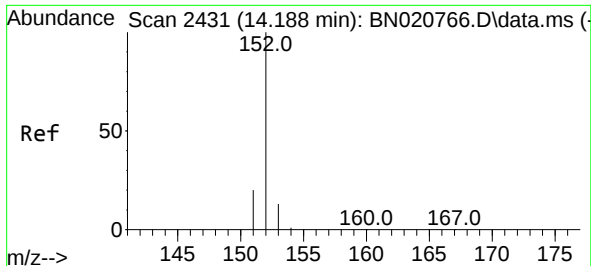
Tgt Ion:142 Resp: 5970
Ion Ratio Lower Upper
142 100
141 89.2 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.439 ng/ul
RT: 12.515 min Scan# 2100
Delta R.T. 0.006 min
Lab File: BN020781.D
Acq: 19 Jul 2022 19:01

Tgt Ion:142 Resp: 6399
Ion Ratio Lower Upper
142 100
141 92.8 73.7 110.5

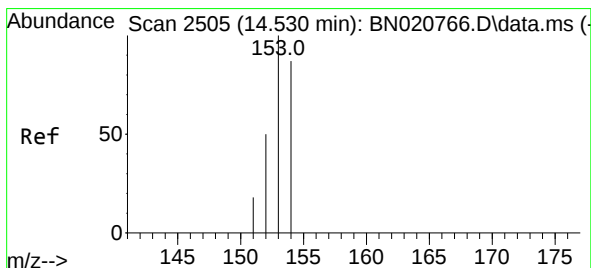
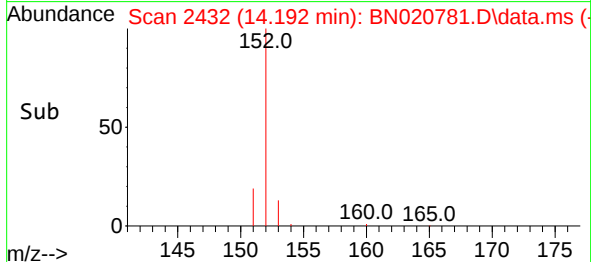
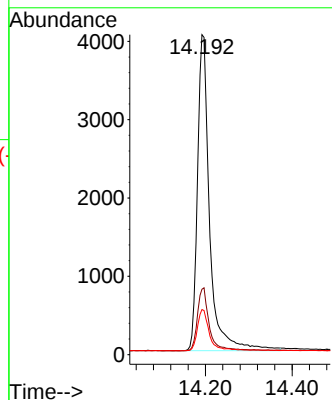
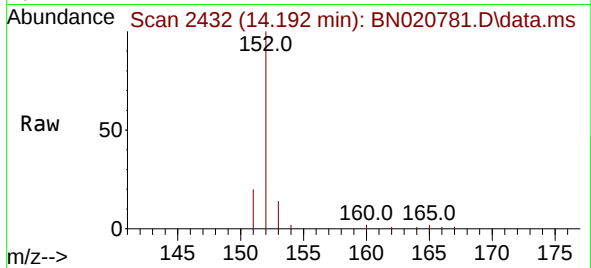




#10
Acenaphthylene
Concen: 0.438 ng/ul
RT: 14.192 min Scan# 2432
Delta R.T. 0.004 min
Lab File: BN020781.D
Acq: 19 Jul 2022 19:01

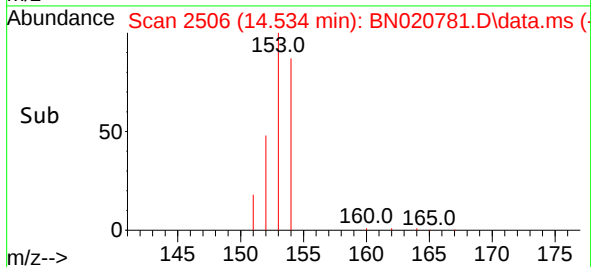
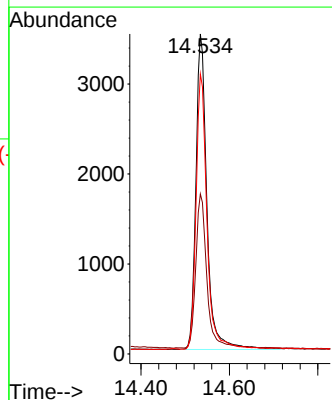
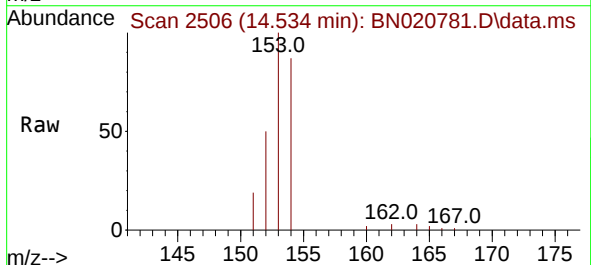
Instrument :
BNA_N
ClientSampleId :
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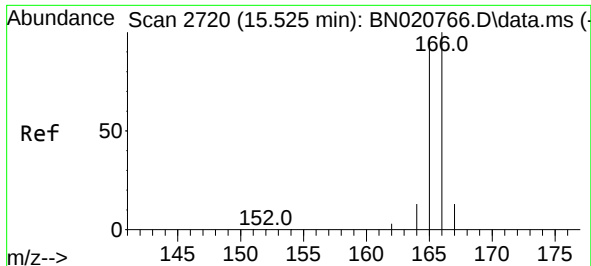
Tgt Ion:152 Resp: 7849
Ion Ratio Lower Upper
152 100
151 20.5 16.5 24.7
153 14.1 11.1 16.7



#11
Acenaphthene
Concen: 0.422 ng/ul
RT: 14.534 min Scan# 2506
Delta R.T. 0.004 min
Lab File: BN020781.D
Acq: 19 Jul 2022 19:01

Tgt Ion:153 Resp: 6053
Ion Ratio Lower Upper
153 100
152 50.0 40.0 60.0
154 87.5 70.0 105.0

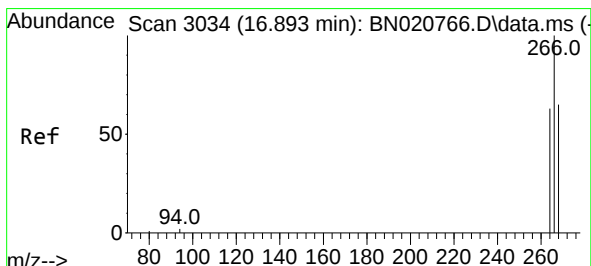
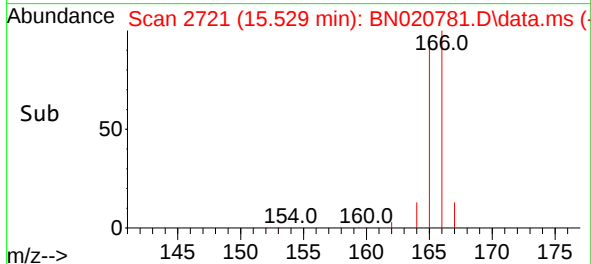
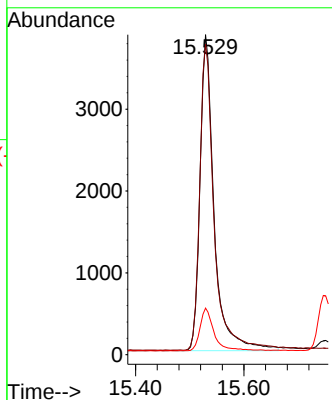
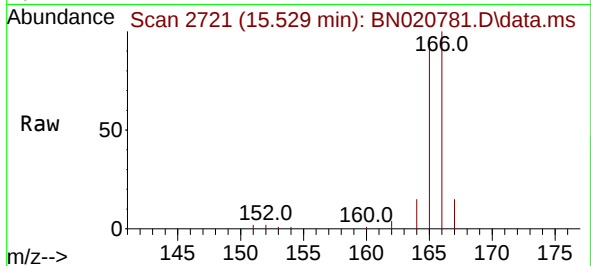




#12
Fluorene
Concen: 0.412 ng/ul
RT: 15.529 min Scan# 21
Delta R.T. 0.004 min
Lab File: BN020781.D
Acq: 19 Jul 2022 19:01

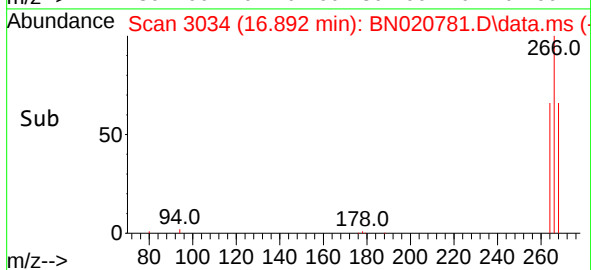
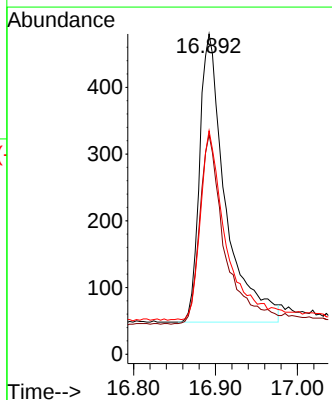
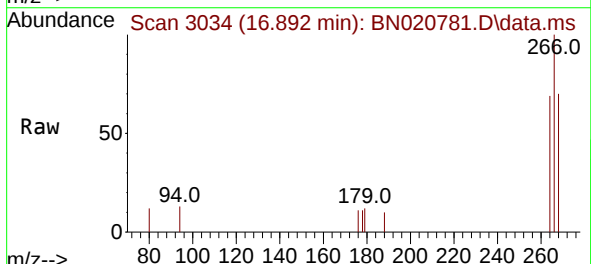
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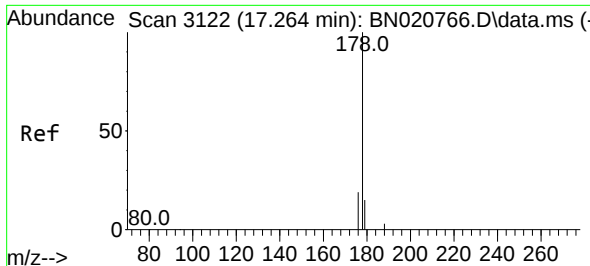
Tgt Ion:166 Resp: 6993
Ion Ratio Lower Upper
166 100
165 97.0 78.2 117.2
167 14.6 11.3 16.9



#14
Pentachlorophenol
Concen: 0.609 ng/ul
RT: 16.892 min Scan# 3034
Delta R.T. -0.001 min
Lab File: BN020781.D
Acq: 19 Jul 2022 19:01

Tgt Ion:266 Resp: 947
Ion Ratio Lower Upper
266 100
264 64.2 51.6 77.4
268 65.4 51.5 77.3

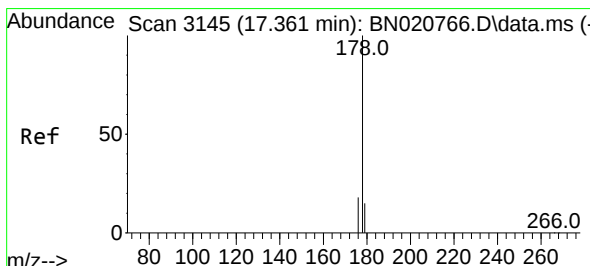
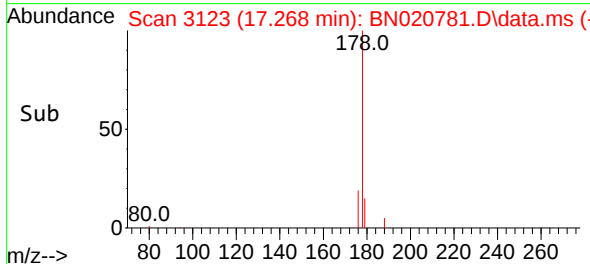
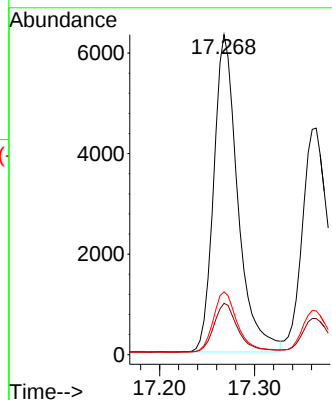
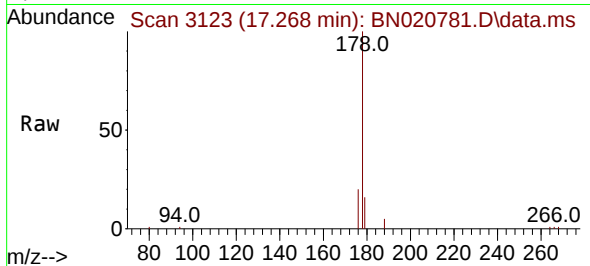




#15
Phenanthrene
Concen: 0.416 ng/ul
RT: 17.268 min Scan# 3122
Delta R.T. 0.004 min
Lab File: BN020781.D
Acq: 19 Jul 2022 19:01

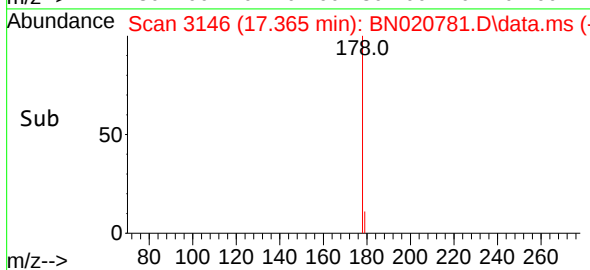
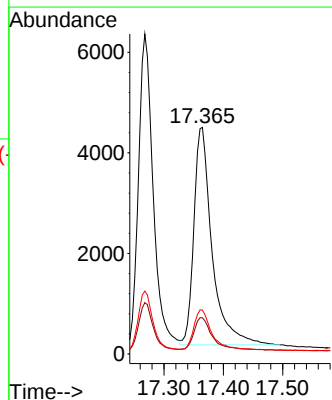
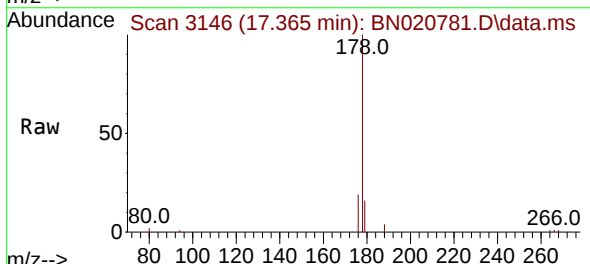
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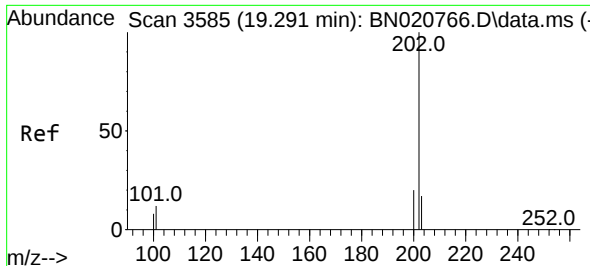
Tgt Ion:178 Resp: 11141
Ion Ratio Lower Upper
178 100
179 16.0 12.6 18.8
176 19.6 15.8 23.6



#16
Anthracene
Concen: 0.400 ng/ul
RT: 17.365 min Scan# 3146
Delta R.T. 0.004 min
Lab File: BN020781.D
Acq: 19 Jul 2022 19:01

Tgt Ion:178 Resp: 9260
Ion Ratio Lower Upper
178 100
179 16.0 12.8 19.2
176 19.4 15.2 22.8

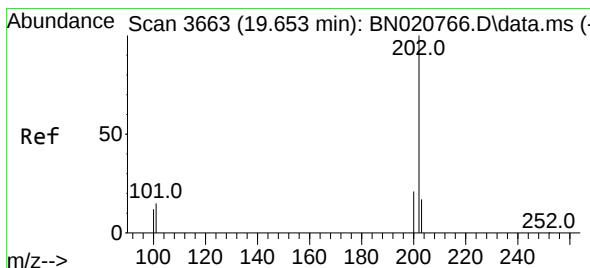
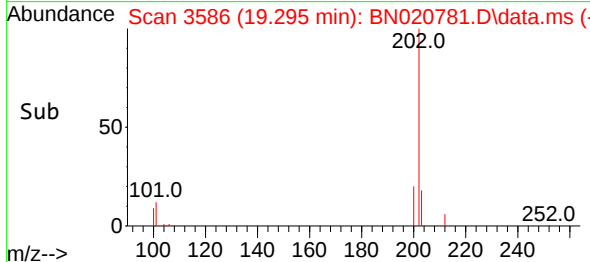
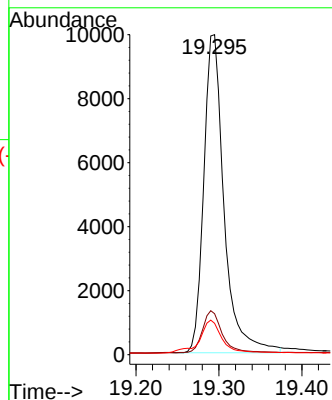
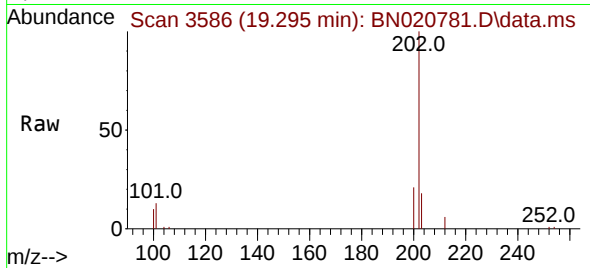




#19
Fluoranthene
Concen: 0.404 ng/ul
RT: 19.295 min Scan# 3585
Delta R.T. 0.004 min
Lab File: BN020781.D
Acq: 19 Jul 2022 19:01

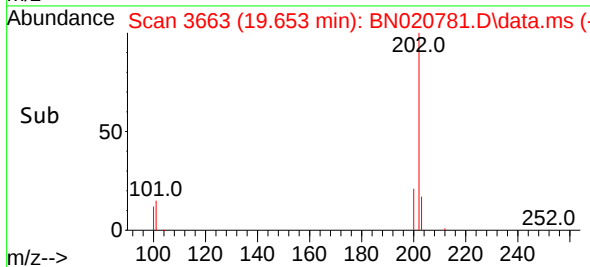
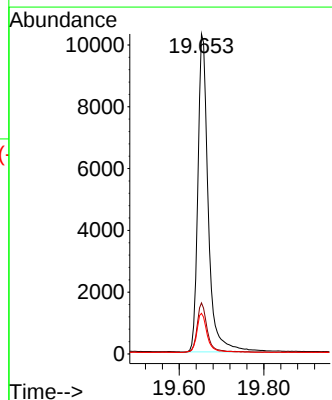
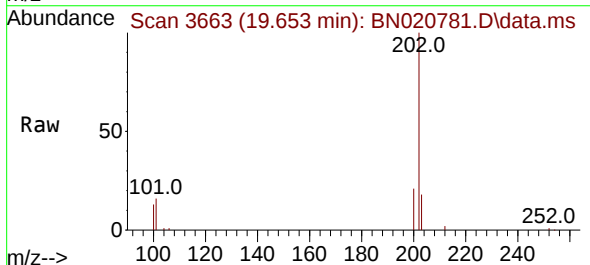
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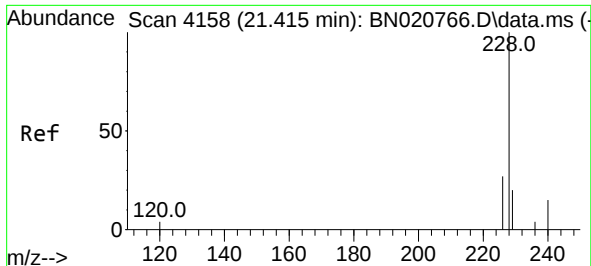
Tgt Ion:202 Resp: 16936
Ion Ratio Lower Upper
202 100
101 12.8 10.3 15.5
100 9.8 7.8 11.6



#20
Pyrene
Concen: 0.403 ng/ul
RT: 19.653 min Scan# 3663
Delta R.T. -0.001 min
Lab File: BN020781.D
Acq: 19 Jul 2022 19:01

Tgt Ion:202 Resp: 17492
Ion Ratio Lower Upper
202 100
101 15.9 11.6 17.4
100 12.7 9.2 13.8

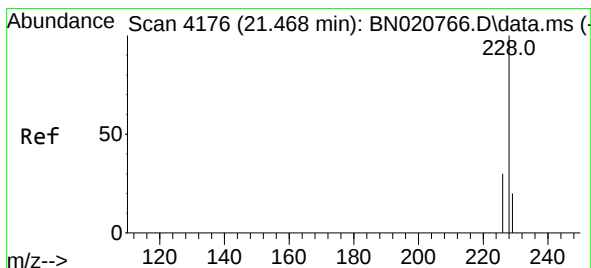
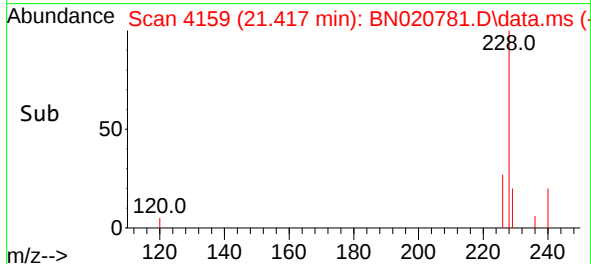
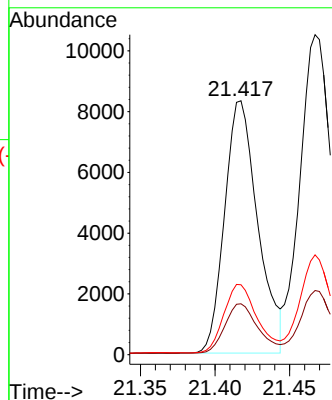
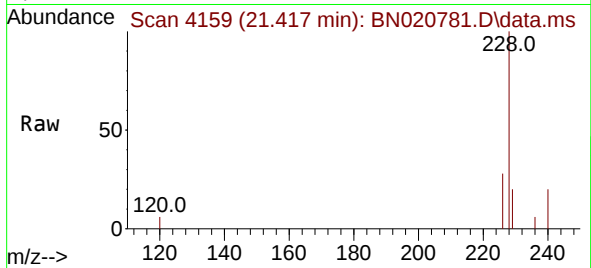




#21
Benzo(a)anthracene
Concen: 0.391 ng/ul
RT: 21.417 min Scan# 4158
Delta R.T. 0.002 min
Lab File: BN020781.D
Acq: 19 Jul 2022 19:01

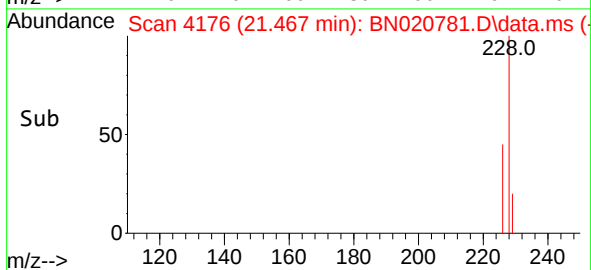
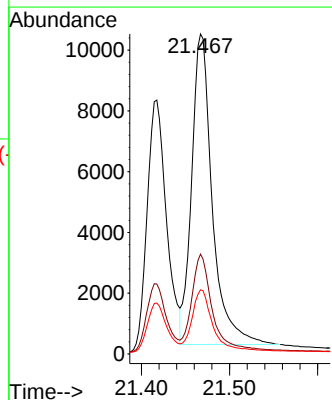
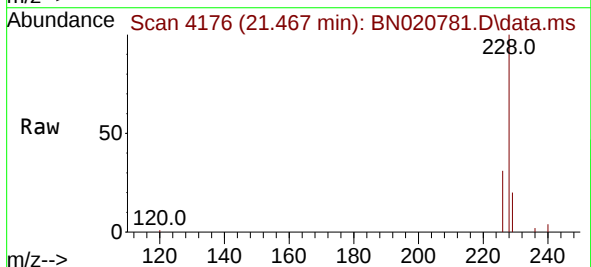
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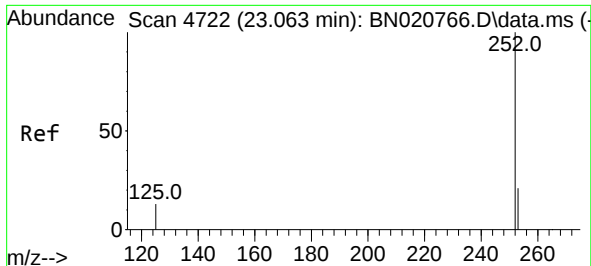
Tgt Ion:228 Resp: 12873
Ion Ratio Lower Upper
228 100
229 20.0 15.9 23.9
226 27.6 22.2 33.2



#22
Chrysene
Concen: 0.456 ng/ul
RT: 21.467 min Scan# 4176
Delta R.T. -0.001 min
Lab File: BN020781.D
Acq: 19 Jul 2022 19:01

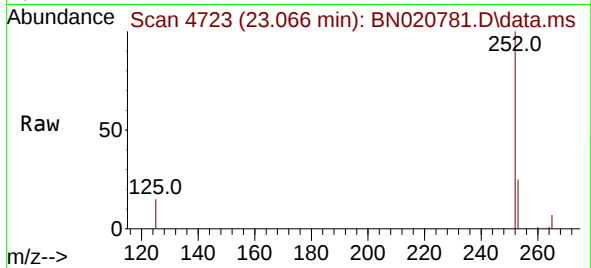
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Ion Ratio Lower Upper
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226 31.2 23.9 35.9
229 20.0 15.8 23.8



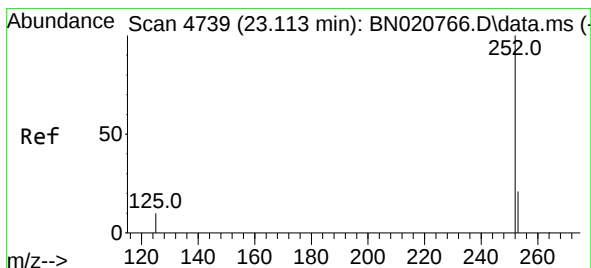
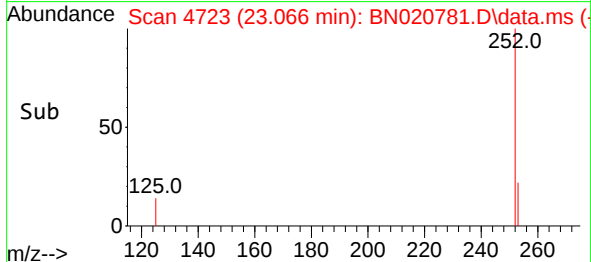
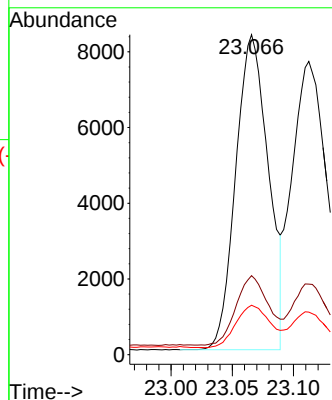


#24
Benzo(b)fluoranthene
Concen: 0.446 ng/ul
RT: 23.066 min Scan# 4723
Delta R.T. 0.002 min
Lab File: BN020781.D
Acq: 19 Jul 2022 19:01

Instrument :
BNA_N
ClientSampleId :
SLCS235

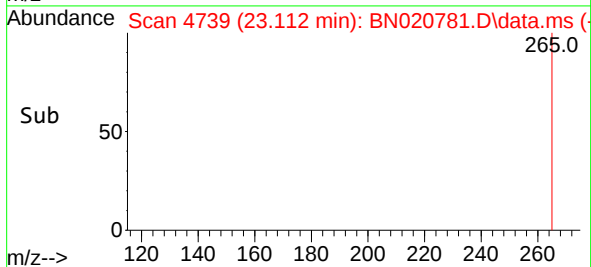
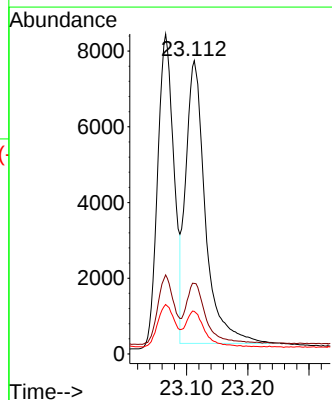
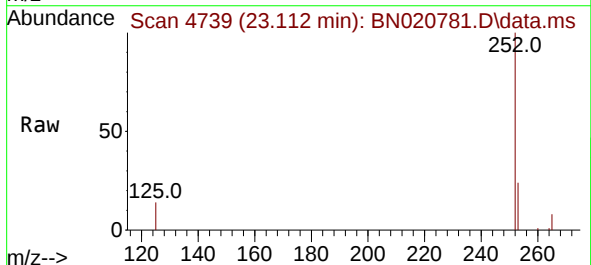


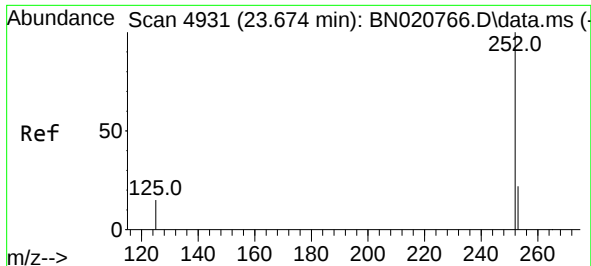
Tgt Ion:252 Resp: 15417
Ion Ratio Lower Upper
252 100
253 24.7 0.0 48.6
125 15.4 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.477 ng/ul
RT: 23.112 min Scan# 4739
Delta R.T. -0.001 min
Lab File: BN020781.D
Acq: 19 Jul 2022 19:01

Tgt Ion:252 Resp: 16644
Ion Ratio Lower Upper
252 100
253 24.0 19.7 29.5
125 14.5 12.0 18.0

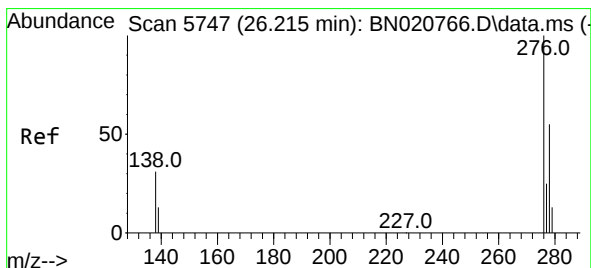
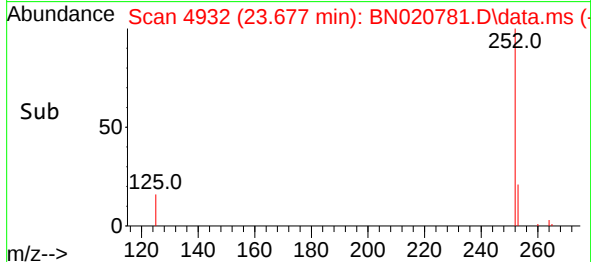
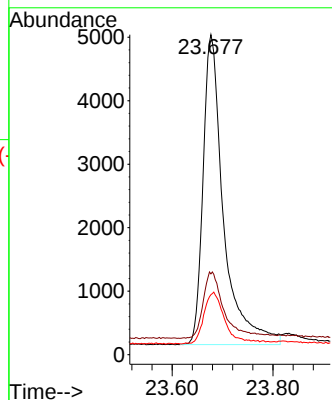
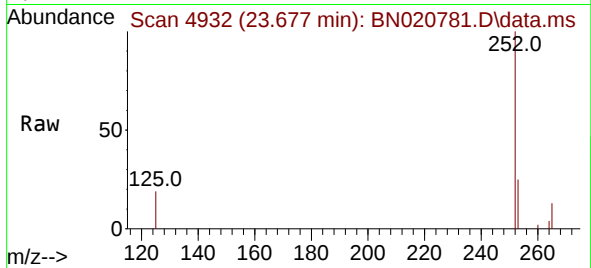




#26
Benzo(a)pyrene
Concen: 0.439 ng/ul
RT: 23.677 min Scan# 4931
Delta R.T. 0.002 min
Lab File: BN020781.D
Acq: 19 Jul 2022 19:01

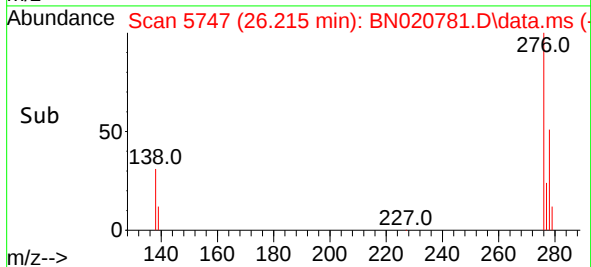
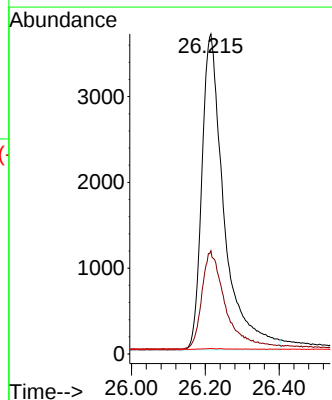
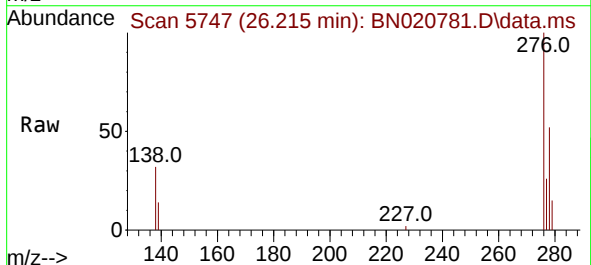
Instrument :
BNA_N
ClientSampleId :
SLCS235

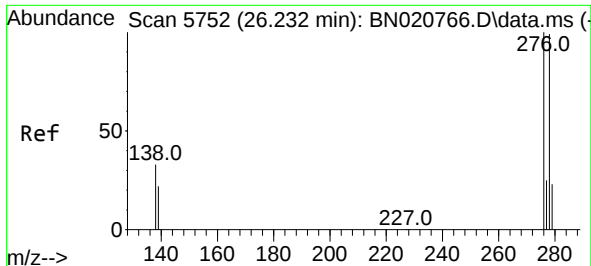
Tgt Ion:252 Resp: 13770
Ion Ratio Lower Upper
252 100
253 25.2 21.0 31.4
125 18.8 18.8 28.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.494 ng/ul
RT: 26.215 min Scan# 5747
Delta R.T. -0.001 min
Lab File: BN020781.D
Acq: 19 Jul 2022 19:01

Tgt Ion:276 Resp: 15431
Ion Ratio Lower Upper
276 100
138 33.2 27.4 41.2
227 0.1 0.2 0.2#

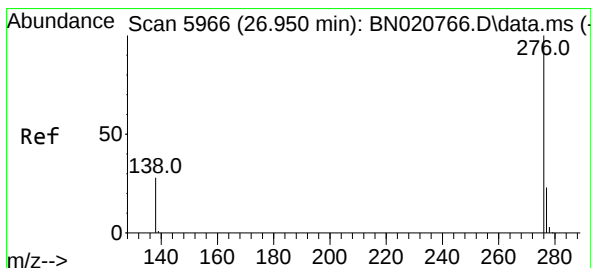
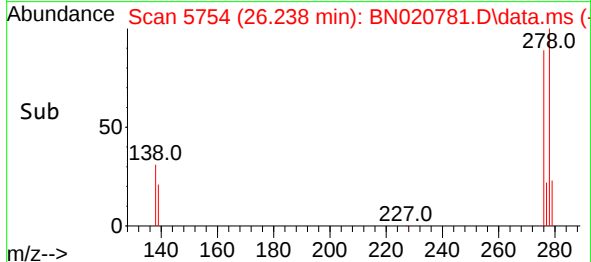
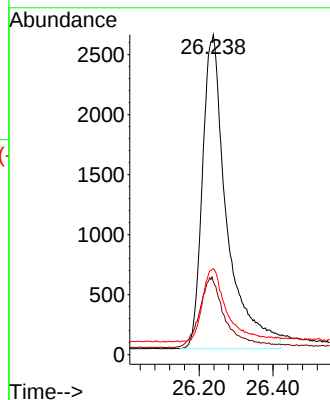
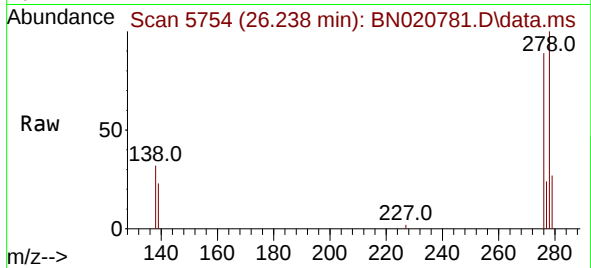




#28
Dibenzo(a,h)anthracene
Concen: 0.474 ng/ul
RT: 26.238 min Scan# 51
Delta R.T. 0.006 min
Lab File: BN020781.D
Acq: 19 Jul 2022 19:01

Instrument :
BNA_N
ClientSampleId :
SLCS235

Tgt Ion:278 Resp: 11959
Ion Ratio Lower Upper
278 100
139 22.9 18.8 28.2
279 26.9 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.522 ng/ul
RT: 26.959 min Scan# 5969
Delta R.T. 0.009 min
Lab File: BN020781.D
Acq: 19 Jul 2022 19:01

Tgt Ion:276 Resp: 13985
Ion Ratio Lower Upper
276 100
138 29.1 23.5 35.3
277 24.4 20.1 30.1

