

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027024.D
 Acq On : 22 Aug 2023 11:34
 Operator : MA/JU
 Sample : PB154830BS
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS830

Quant Time: Aug 22 12:03:30 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 18 13:11:26 2023
 Response via : Initial Calibration

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

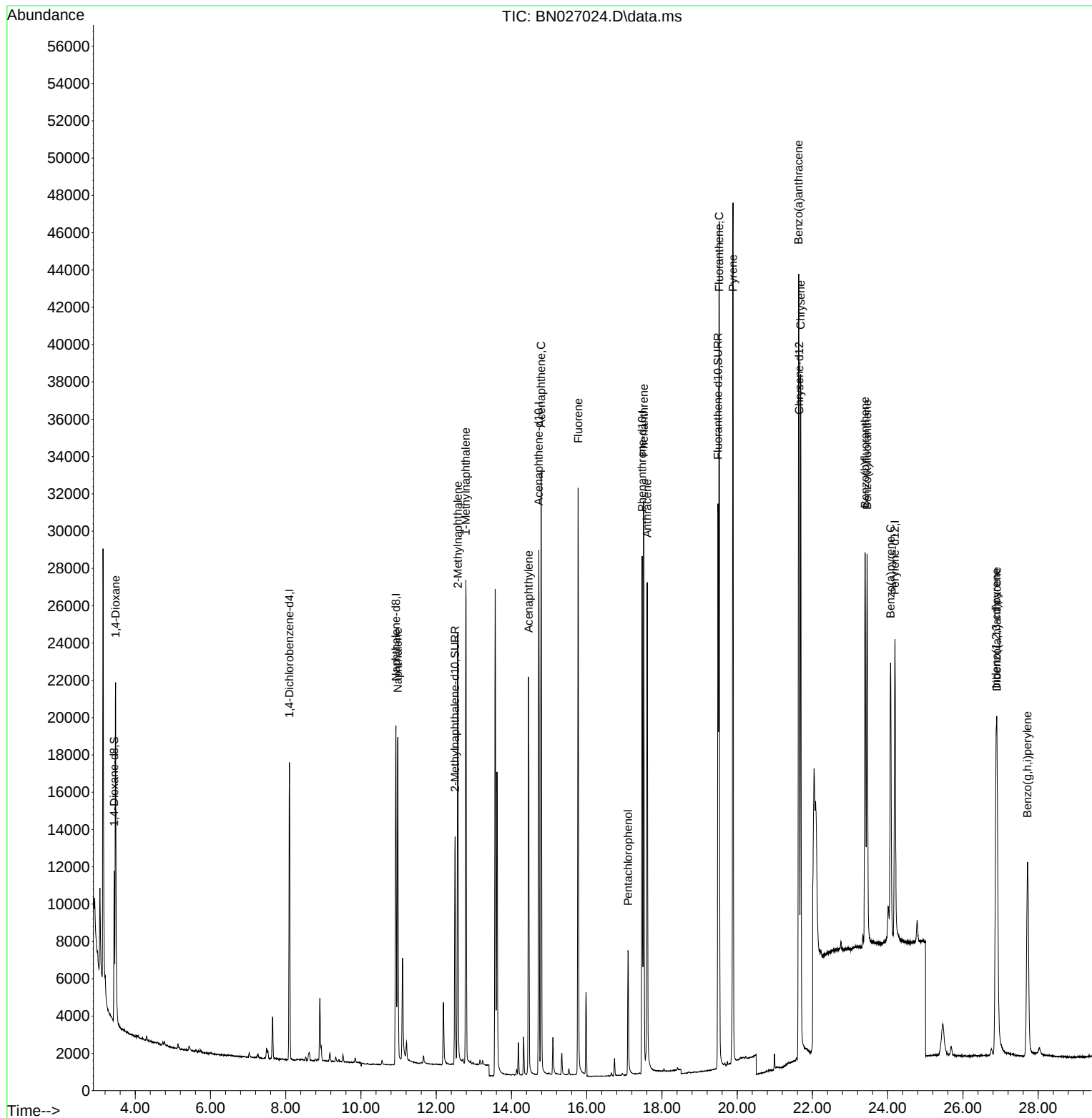
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.097	152	8180	0.400	ng/ul	0.00
4) Naphthalene-d8	10.927	136	26414	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.726	164	16157	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.472	188	33958	0.400	ng/ul	0.00
17) Chrysene-d12	21.647	240	26422	0.400	ng/ul	0.00
23) Perylene-d12	24.190	264	23985	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	5848	0.602	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.500	152	16121	0.415	ng/ul	0.00
18) Fluoranthene-d10	19.487	212	34673	0.416	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.477	88	13589	1.371	ng/ul#	94
5) Naphthalene	10.977	128	24299	0.326	ng/ul	100
7) 2-Methylnaphthalene	12.572	142	16514	0.365	ng/ul	100
8) 1-Methylnaphthalene	12.786	142	18109	0.383	ng/ul	100
10) Acenaphthylene	14.458	152	25229	0.279	ng/ul	100
11) Acenaphthene	14.791	153	18972	0.303	ng/ul	99
12) Fluorene	15.772	166	20733	0.293	ng/ul	98
14) Pentachlorophenol	17.097	266	4919	0.512	ng/ul	100
15) Phenanthrene	17.515	178	33269	0.298	ng/ul	100
16) Anthracene	17.608	178	30112	0.299	ng/ul	99
19) Fluoranthene	19.520	202	39139	0.357	ng/ul	98
20) Pyrene	19.887	202	40823	0.349	ng/ul	98
21) Benzo(a)anthracene	21.630	228	34630	0.330	ng/ul	100
22) Chrysene	21.685	228	34259	0.330	ng/ul	99
24) Benzo(b)fluoranthene	23.398	252	31426	0.346	ng/ul	91
25) Benzo(k)fluoranthene	23.454	252	31241	0.349	ng/ul#	90
26) Benzo(a)pyrene	24.076	252	26163	0.320	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.881	276	31451	0.294	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.904	278	25329	0.297	ng/ul	95
29) Benzo(g,h,i)perylene	27.716	276	26592	0.298	ng/ul	96

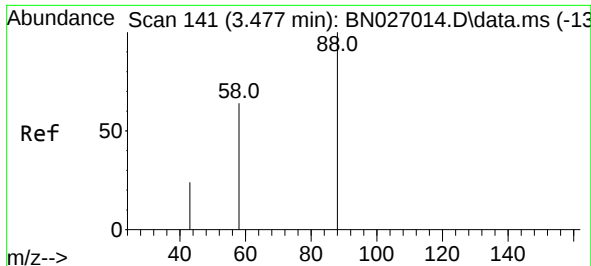
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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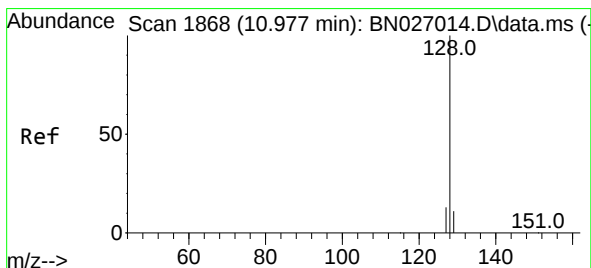
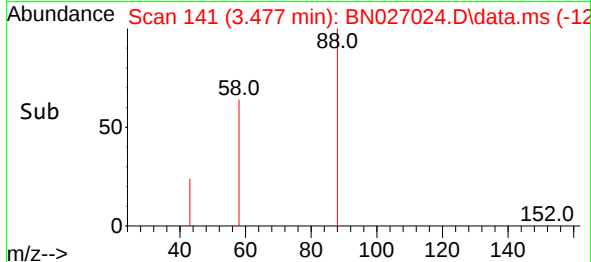
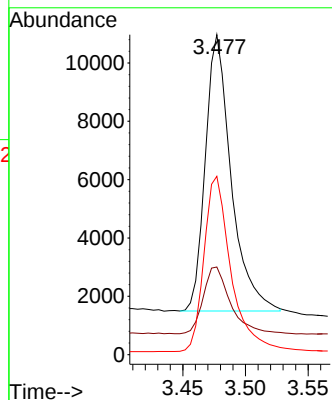
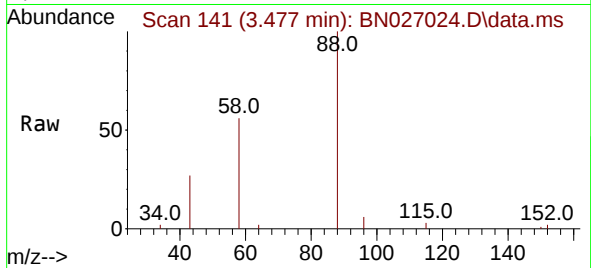




#2
1,4-Dioxane
Concen: 1.371 ng/ul
RT: 3.477 min Scan# 141
Delta R.T. -0.000 min
Lab File: BN027024.D
Acq: 22 Aug 2023 11:34

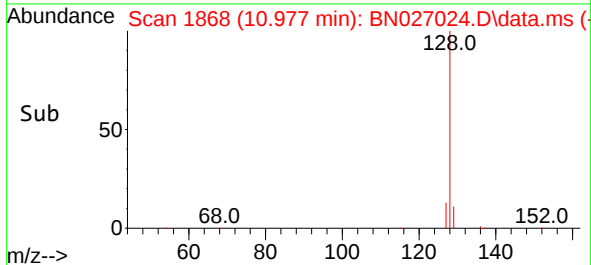
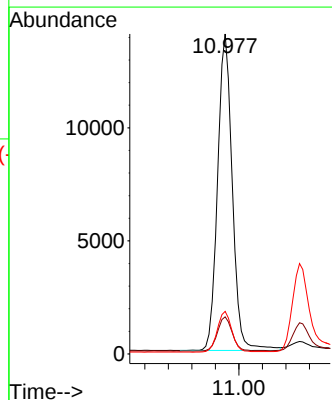
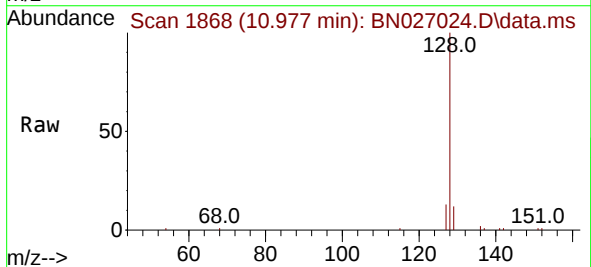
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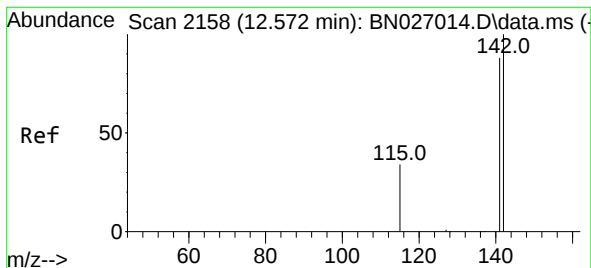
Tgt Ion: 88 Resp: 13589
Ion Ratio Lower Upper
88 100
43 27.4 28.0 42.0#
58 55.7 46.0 69.0



#5
Naphthalene
Concen: 0.326 ng/ul
RT: 10.977 min Scan# 1868
Delta R.T. -0.006 min
Lab File: BN027024.D
Acq: 22 Aug 2023 11:34

Tgt Ion: 128 Resp: 24299
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.3 10.5 15.7

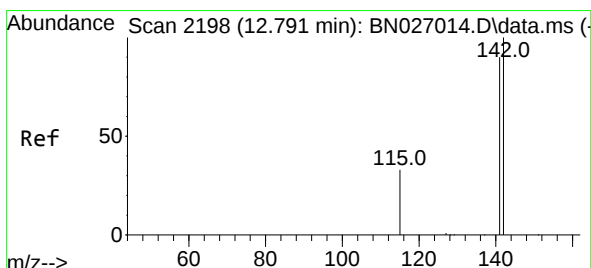
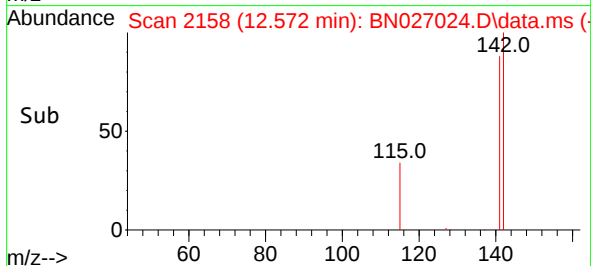
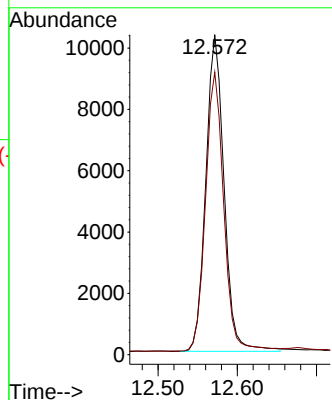
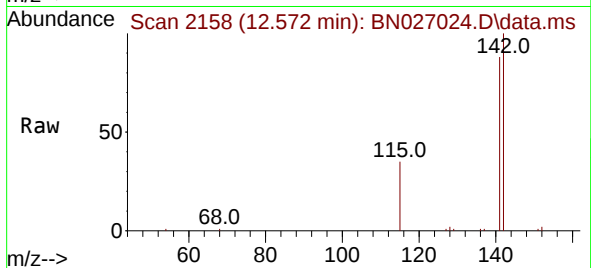




#7
2-Methylnaphthalene
Concen: 0.365 ng/ul
RT: 12.572 min Scan# 2158
Delta R.T. -0.006 min
Lab File: BN027024.D
Acq: 22 Aug 2023 11:34

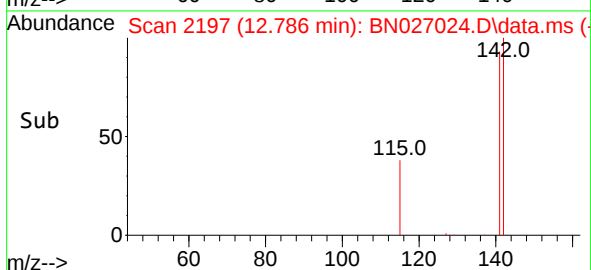
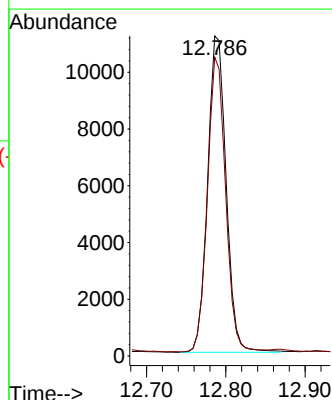
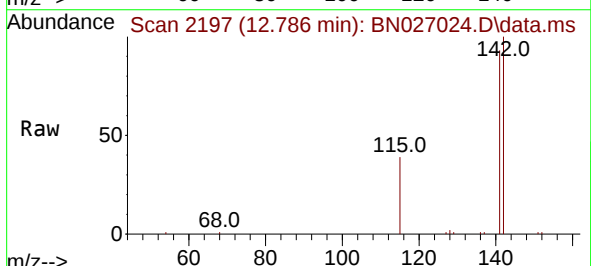
Instrument :
BNA_N
ClientSampleId :
SLCS830

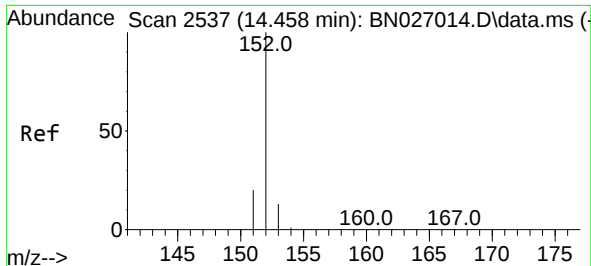
Tgt Ion:142 Resp: 16514
Ion Ratio Lower Upper
142 100
141 88.5 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.383 ng/ul
RT: 12.786 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BN027024.D
Acq: 22 Aug 2023 11:34

Tgt Ion:142 Resp: 18109
Ion Ratio Lower Upper
142 100
141 91.1 73.2 109.8

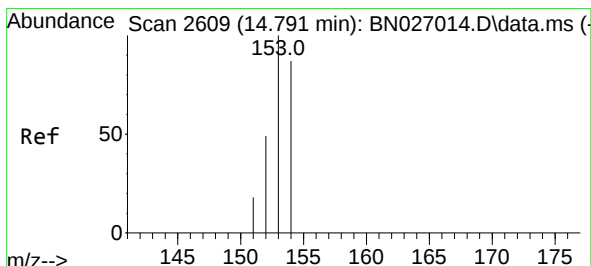
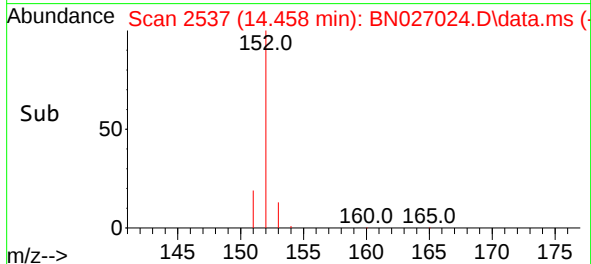
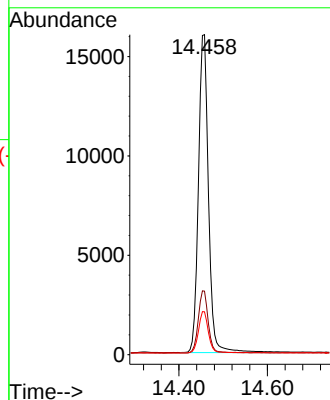
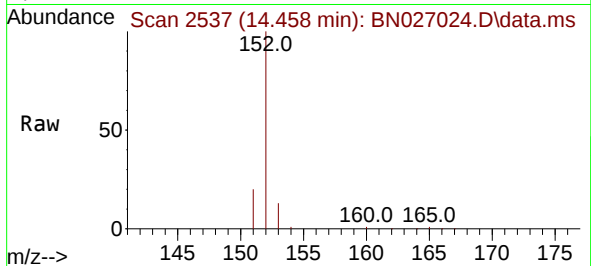




#10
Acenaphthylene
Concen: 0.279 ng/ul
RT: 14.458 min Scan# 2537
Delta R.T. -0.000 min
Lab File: BN027024.D
Acq: 22 Aug 2023 11:34

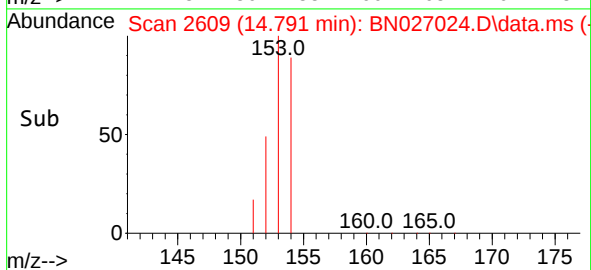
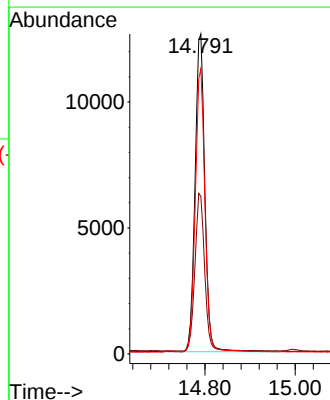
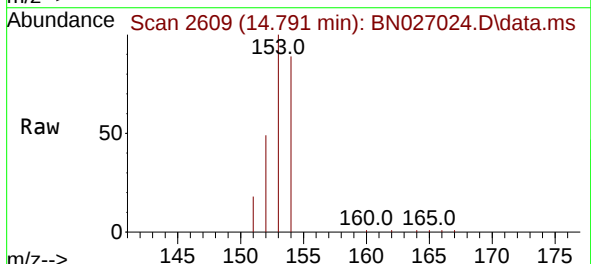
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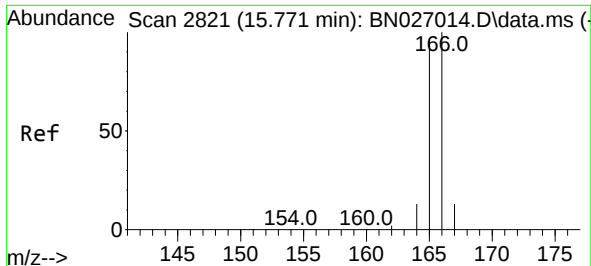
Tgt Ion:152	Resp:	25229
Ion Ratio	Lower	Upper
152	100	
151	19.9	15.9 23.9
153	13.4	11.0 16.6



#11
Acenaphthene
Concen: 0.303 ng/ul
RT: 14.791 min Scan# 2609
Delta R.T. -0.000 min
Lab File: BN027024.D
Acq: 22 Aug 2023 11:34

Tgt Ion:153	Resp:	18972
Ion Ratio	Lower	Upper
153	100	
152	49.3	41.1 61.7
154	89.2	71.6 107.4

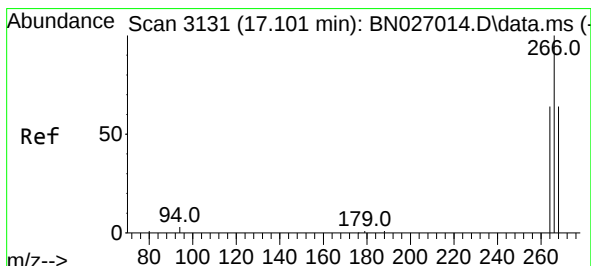
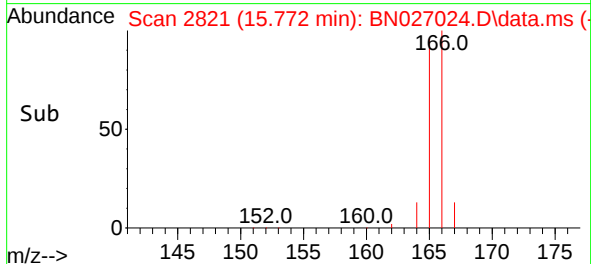
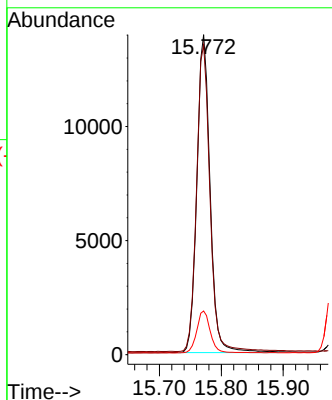
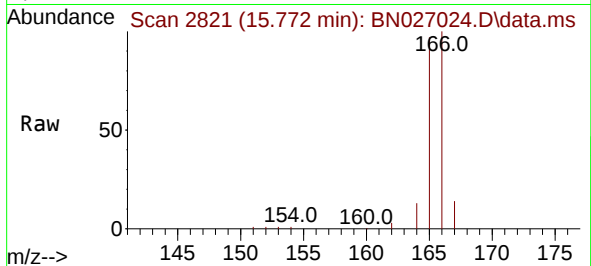




#12
Fluorene
Concen: 0.293 ng/ul
RT: 15.772 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN027024.D
Acq: 22 Aug 2023 11:34

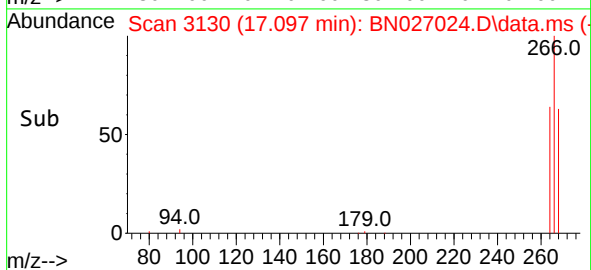
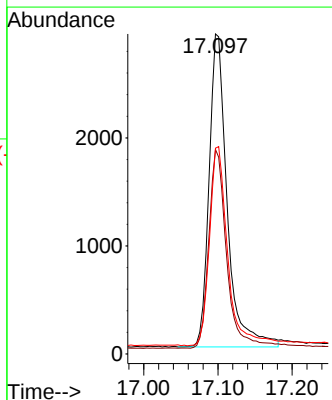
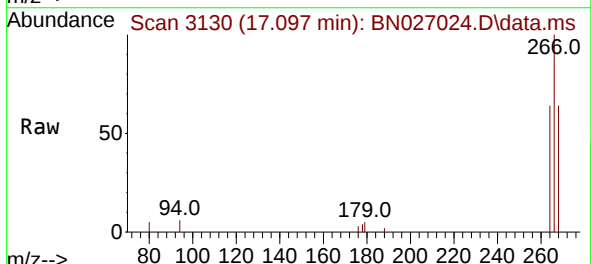
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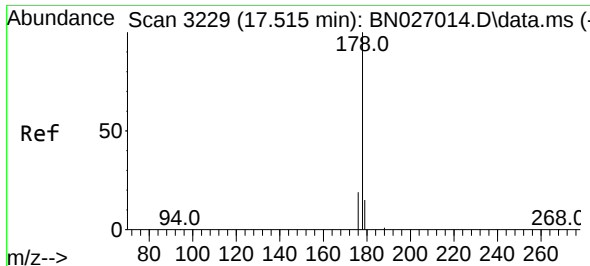
Tgt Ion:166 Resp: 20733
Ion Ratio Lower Upper
166 100
165 96.9 79.1 118.7
167 13.6 11.4 17.0



#14
Pentachlorophenol
Concen: 0.512 ng/ul
RT: 17.097 min Scan# 3130
Delta R.T. -0.004 min
Lab File: BN027024.D
Acq: 22 Aug 2023 11:34

Tgt Ion:266 Resp: 4919
Ion Ratio Lower Upper
266 100
264 62.6 50.4 75.6
268 64.3 51.2 76.8

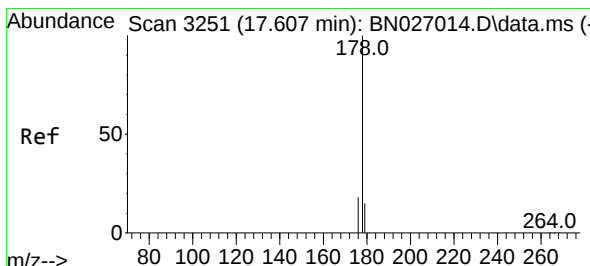
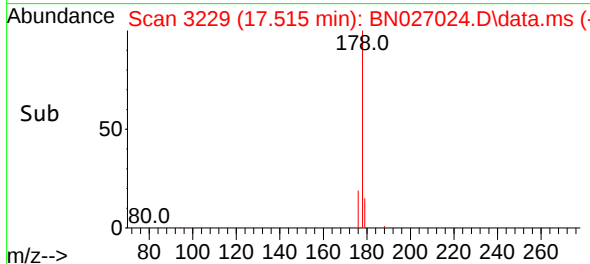
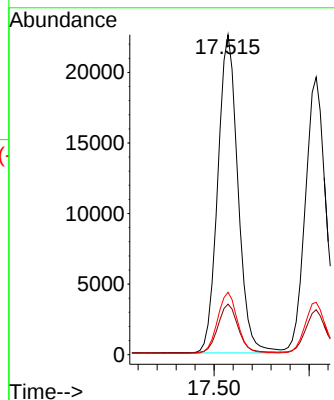
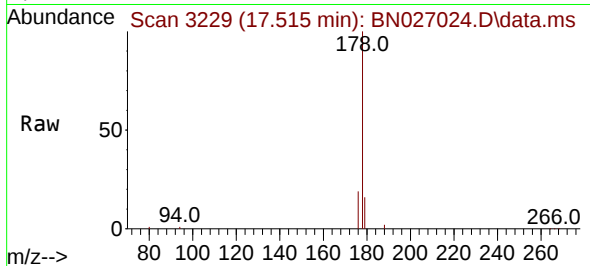




#15
Phenanthrene
Concen: 0.298 ng/ul
RT: 17.515 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN027024.D
Acq: 22 Aug 2023 11:34

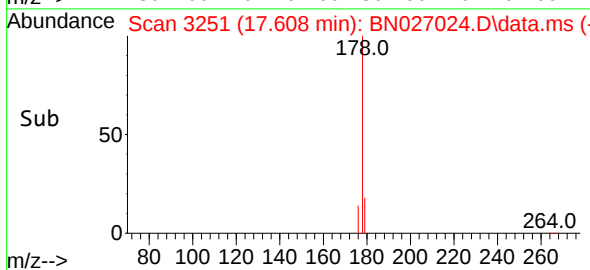
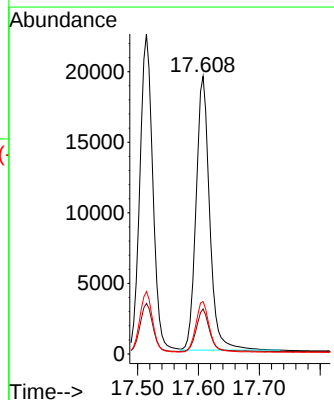
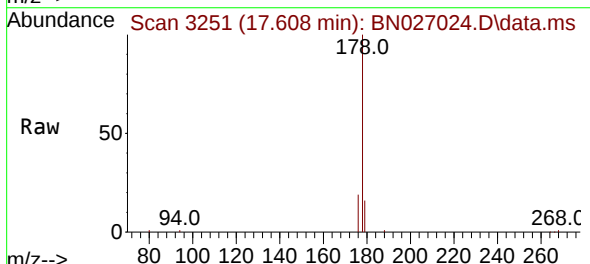
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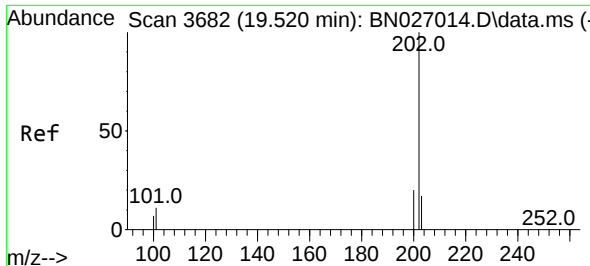
Tgt Ion:178 Resp: 33269
Ion Ratio Lower Upper
178 100
179 15.8 12.6 18.8
176 19.5 15.4 23.2



#16
Anthracene
Concen: 0.299 ng/ul
RT: 17.608 min Scan# 3251
Delta R.T. -0.000 min
Lab File: BN027024.D
Acq: 22 Aug 2023 11:34

Tgt Ion:178 Resp: 30112
Ion Ratio Lower Upper
178 100
179 16.2 12.6 19.0
176 18.9 15.0 22.6

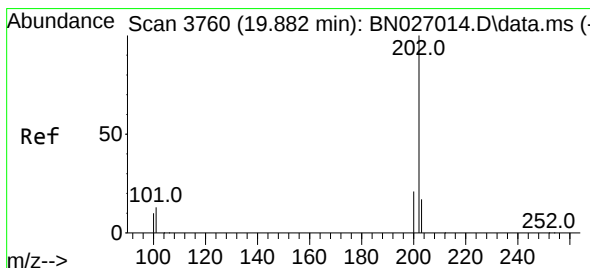
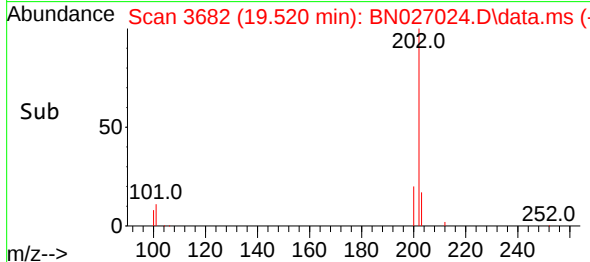
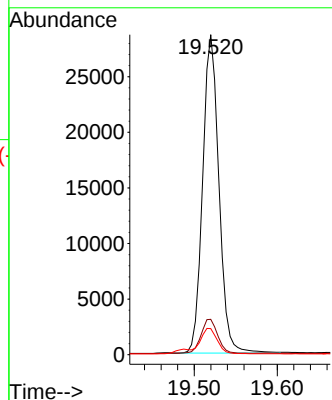
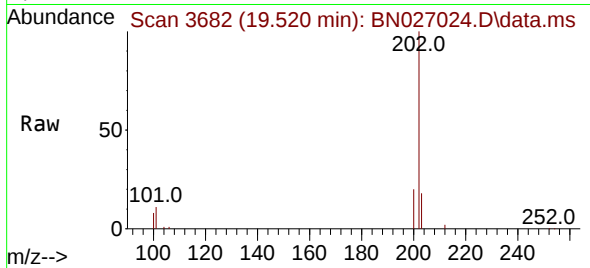




#19
Fluoranthene
Concen: 0.357 ng/ul
RT: 19.520 min Scan# 3682
Delta R.T. -0.005 min
Lab File: BN027024.D
Acq: 22 Aug 2023 11:34

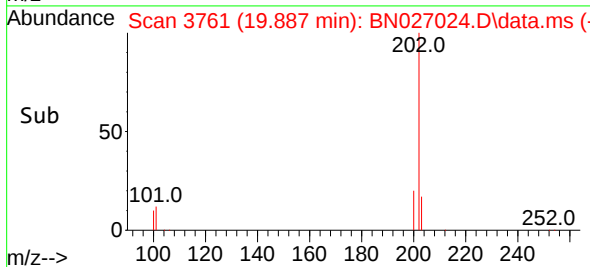
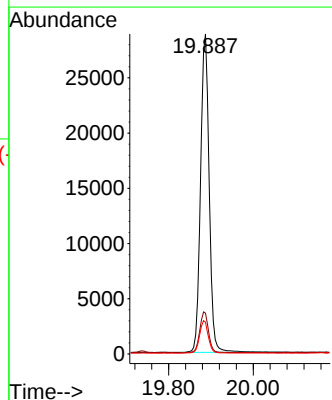
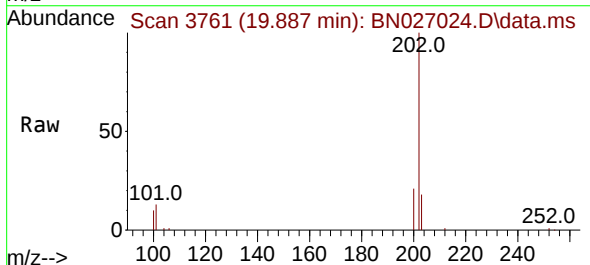
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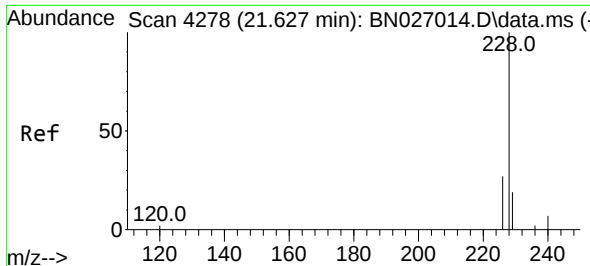
Tgt Ion:202 Resp: 39139
Ion Ratio Lower Upper
202 100
101 11.1 8.3 12.5
100 8.2 6.2 9.2



#20
Pyrene
Concen: 0.349 ng/ul
RT: 19.887 min Scan# 3761
Delta R.T. -0.000 min
Lab File: BN027024.D
Acq: 22 Aug 2023 11:34

Tgt Ion:202 Resp: 40823
Ion Ratio Lower Upper
202 100
101 12.8 10.7 16.1
100 9.9 8.5 12.7

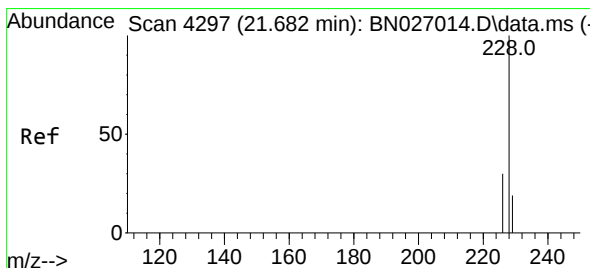
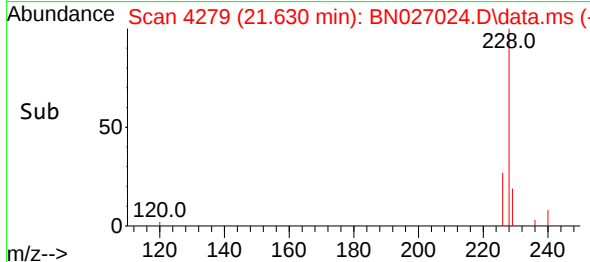
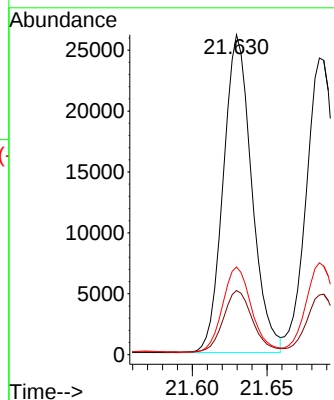
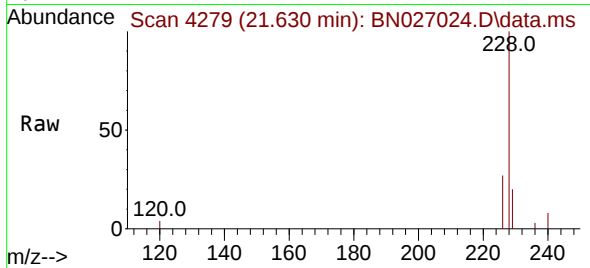




#21
Benzo(a)anthracene
Concen: 0.330 ng/ul
RT: 21.630 min Scan# 4279
Delta R.T. -0.003 min
Lab File: BN027024.D
Acq: 22 Aug 2023 11:34

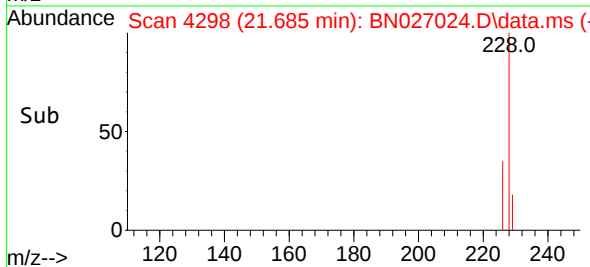
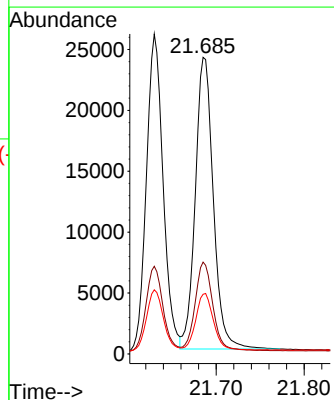
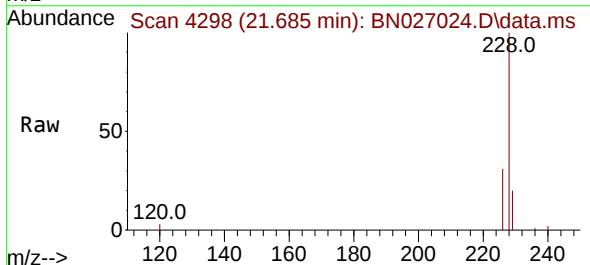
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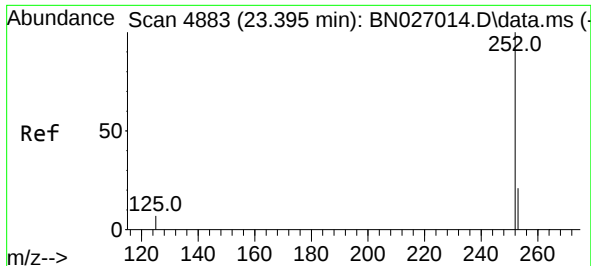
Tgt Ion:228 Resp: 34630
Ion Ratio Lower Upper
228 100
229 20.1 16.0 24.0
226 27.4 22.2 33.2



#22
Chrysene
Concen: 0.330 ng/ul
RT: 21.685 min Scan# 4298
Delta R.T. -0.006 min
Lab File: BN027024.D
Acq: 22 Aug 2023 11:34

Tgt Ion:228 Resp: 34259
Ion Ratio Lower Upper
228 100
226 31.0 24.6 36.8
229 20.1 15.8 23.6

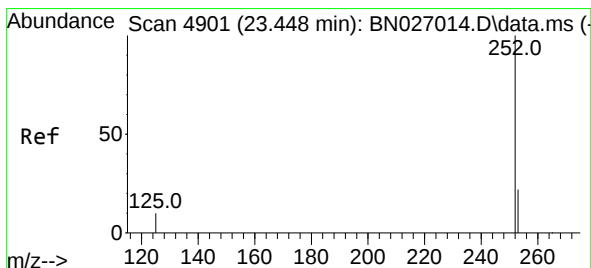
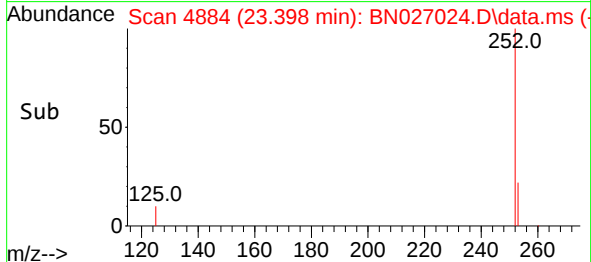
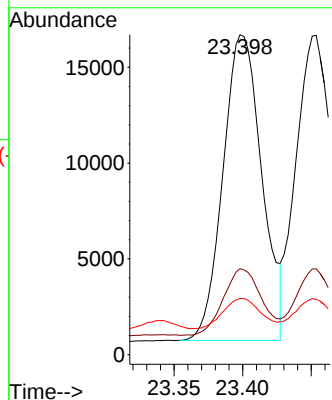
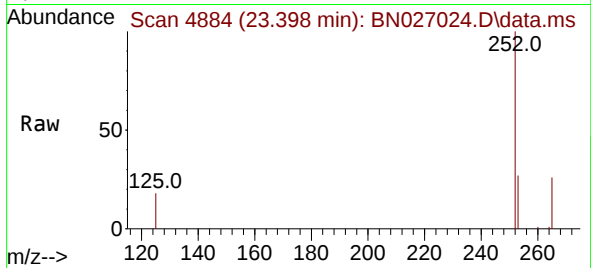




#24
Benzo(b)fluoranthene
Concen: 0.346 ng/ul
RT: 23.398 min Scan# 4883
Delta R.T. -0.009 min
Lab File: BN027024.D
Acq: 22 Aug 2023 11:34

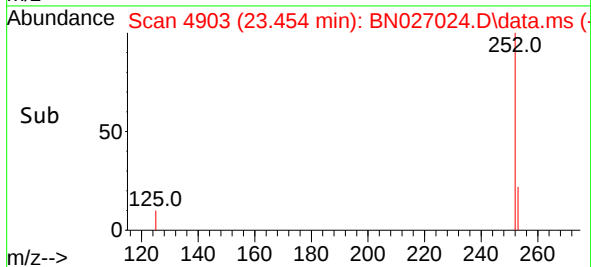
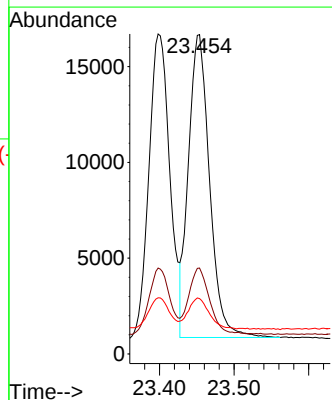
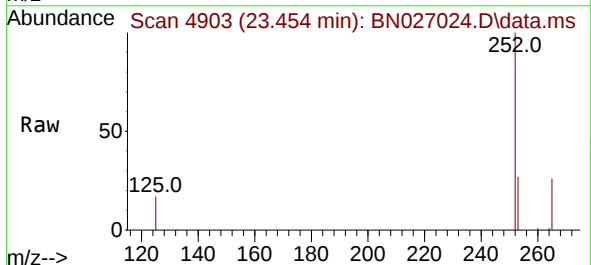
Instrument :
BNA_N
ClientSampleId :
SLCS830

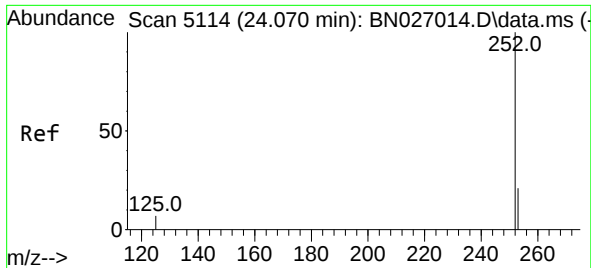
Tgt Ion:252 Resp: 31426
Ion Ratio Lower Upper
252 100
253 26.8 0.0 46.8
125 17.5 0.0 25.2



#25
Benzo(k)fluoranthene
Concen: 0.349 ng/ul
RT: 23.454 min Scan# 4903
Delta R.T. -0.006 min
Lab File: BN027024.D
Acq: 22 Aug 2023 11:34

Tgt Ion:252 Resp: 31241
Ion Ratio Lower Upper
252 100
253 26.9 18.2 27.4
125 17.3 9.9 14.9#

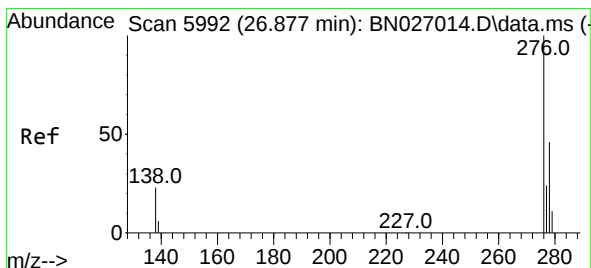
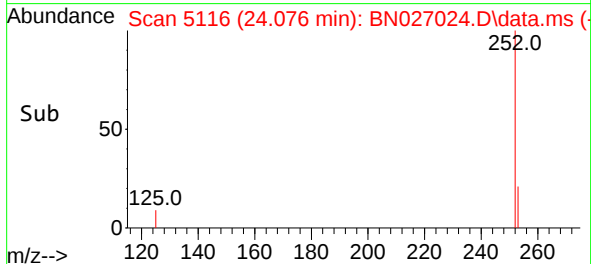
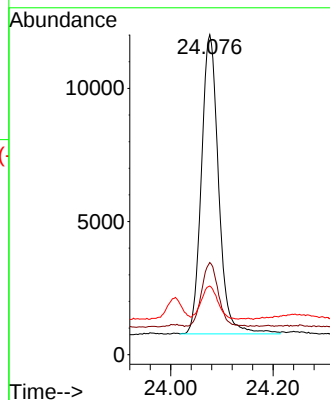
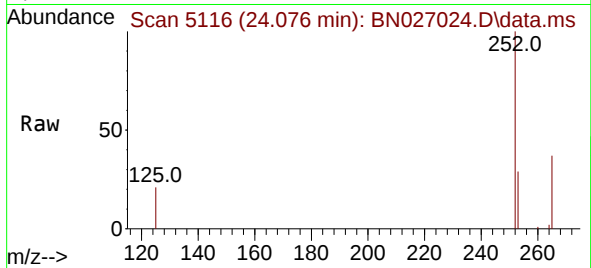




#26
Benzo(a)pyrene
Concen: 0.320 ng/ul
RT: 24.076 min Scan# 5114
Delta R.T. -0.009 min
Lab File: BN027024.D
Acq: 22 Aug 2023 11:34

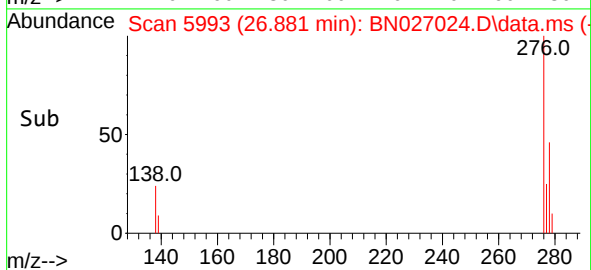
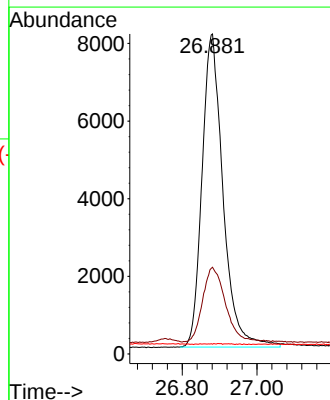
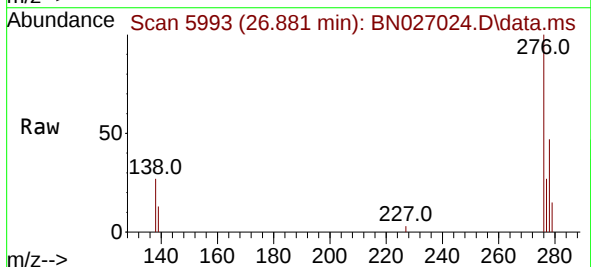
Instrument :
BNA_N
ClientSampleId :
SLCS830

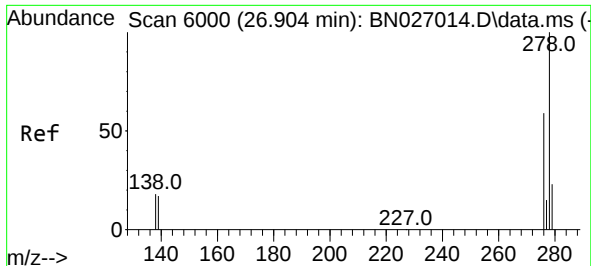
Tgt Ion:252 Resp: 26163
Ion Ratio Lower Upper
252 100
253 28.8 19.0 28.6#
125 21.5 11.4 17.0#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.294 ng/ul
RT: 26.881 min Scan# 5993
Delta R.T. -0.004 min
Lab File: BN027024.D
Acq: 22 Aug 2023 11:34

Tgt Ion:276 Resp: 31451
Ion Ratio Lower Upper
276 100
138 26.0 21.6 32.4
227 0.0 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.297 ng/ul

RT: 26.904 min Scan# 6000

Delta R.T. -0.017 min

Lab File: BN027024.D

Acq: 22 Aug 2023 11:34

Instrument :

BNA_N

ClientSampleId :

SLCS830

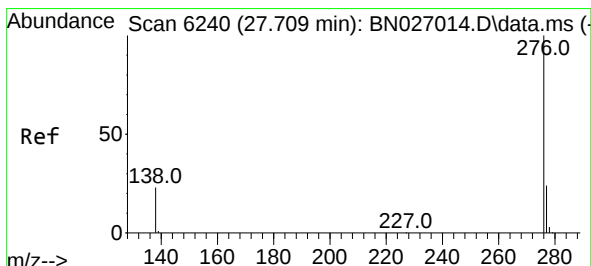
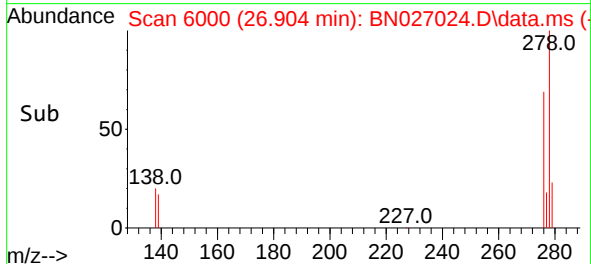
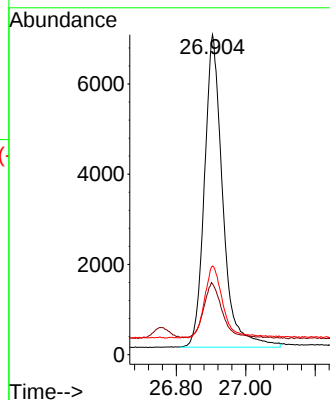
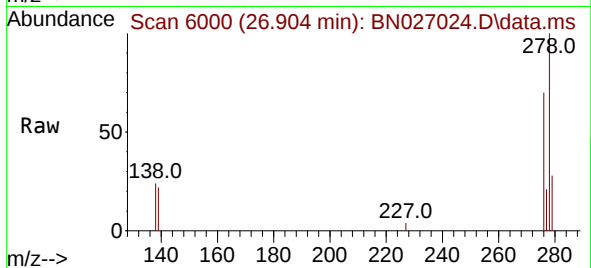
Tgt Ion:278 Resp: 25329

Ion Ratio Lower Upper

278 100

139 22.1 15.7 23.5

279 27.7 20.2 30.4



#29

Benzo(g,h,i)perylene

Concen: 0.298 ng/ul

RT: 27.716 min Scan# 6242

Delta R.T. -0.007 min

Lab File: BN027024.D

Acq: 22 Aug 2023 11:34

Tgt Ion:276 Resp: 26592

Ion Ratio Lower Upper

276 100

138 26.2 19.3 28.9

277 26.2 19.8 29.8

