

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072522\
 Data File : BN020829.D
 Acq On : 25 Jul 2022 16:50
 Operator : CG/JU
 Sample : SSTD1.620
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD1.6220

Quant Time: Jul 25 17:34:43 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 16:51:29 2022
 Response via : Initial Calibration

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

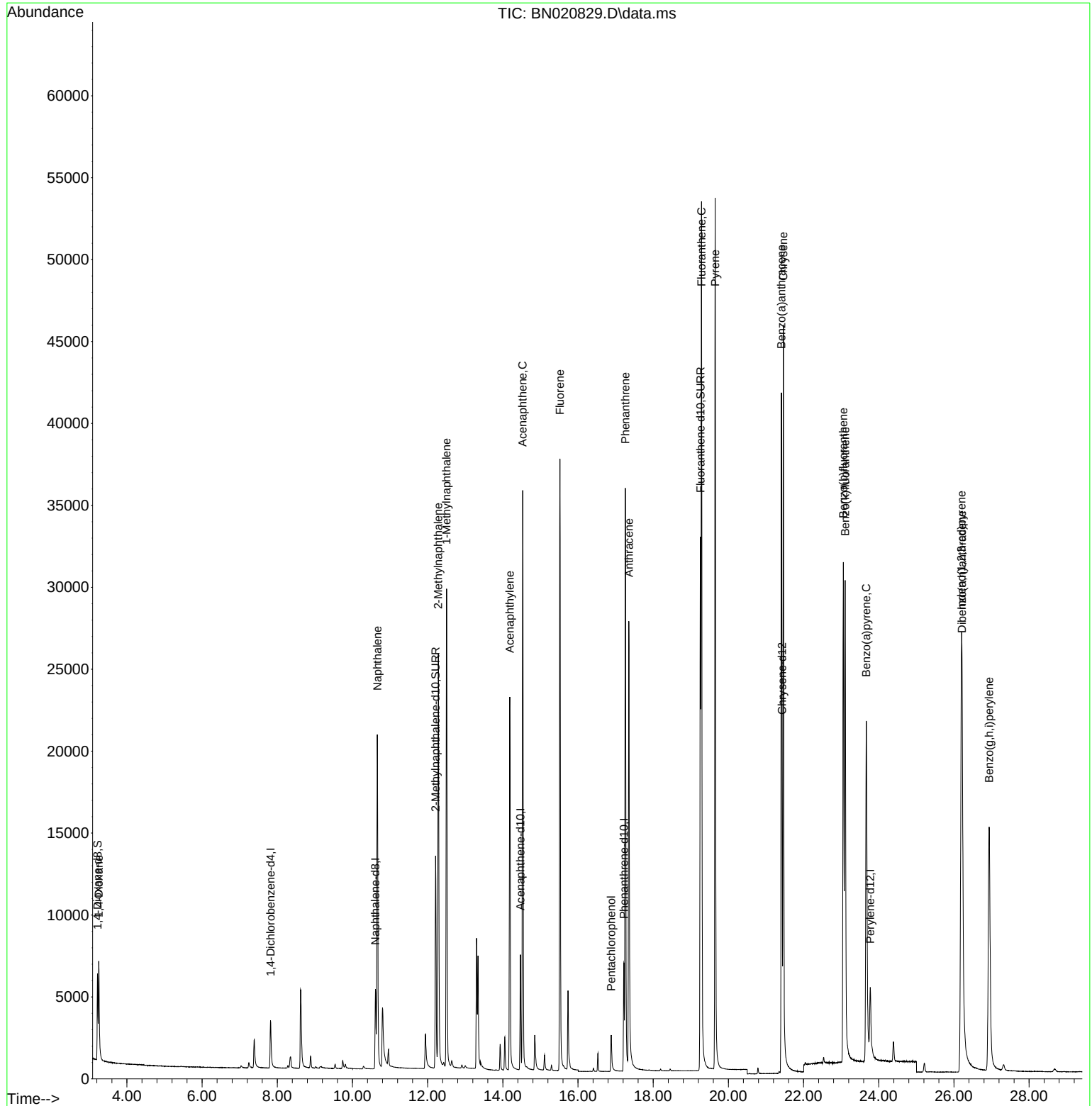
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.821	152	2013	0.400	ng/ul	0.00
4) Naphthalene-d8	10.612	136	7029	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.469	164	4111	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.221	188	8384	0.400	ng/ul	0.00
17) Chrysene-d12	21.426	240	7863	0.400	ng/ul	0.00
23) Perylene-d12	23.773	264	6581	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.218	96	3632	1.557	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.212	152	17973	1.558	ng/ul	0.00
18) Fluoranthene-d10	19.258	212	39118	1.509	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	3795	1.594	ng/ul#	82
5) Naphthalene	10.661	128	30389	1.401	ng/ul	98
7) 2-Methylnaphthalene	12.284	142	19990	1.376	ng/ul	99
8) 1-Methylnaphthalene	12.504	142	21489	1.561	ng/ul	100
10) Acenaphthylene	14.187	152	28753	1.476	ng/ul	98
11) Acenaphthene	14.530	153	21986	1.410	ng/ul	100
12) Fluorene	15.520	166	25267	1.367	ng/ul	99
14) Pentachlorophenol	16.884	266	2028	1.200	ng/ul	98
15) Phenanthrene	17.259	178	41220	1.414	ng/ul	99
16) Anthracene	17.352	178	36201	1.439	ng/ul	99
19) Fluoranthene	19.285	202	48549	1.352	ng/ul	97
20) Pyrene	19.648	202	48126	1.292	ng/ul	100
21) Benzo(a)anthracene	21.411	228	38374	1.359	ng/ul	99
22) Chrysene	21.461	228	43913	1.397	ng/ul	99
24) Benzo(b)fluoranthene	23.057	252	41970	1.378	ng/ul	94
25) Benzo(k)fluoranthene	23.107	252	42959	1.397	ng/ul	95
26) Benzo(a)pyrene	23.668	252	38395	1.388	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.198	276	41731	1.515	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.218	278	32836	1.476	ng/ul	95
29) Benzo(g,h,i)perylene	26.936	276	36079	1.526	ng/ul	97

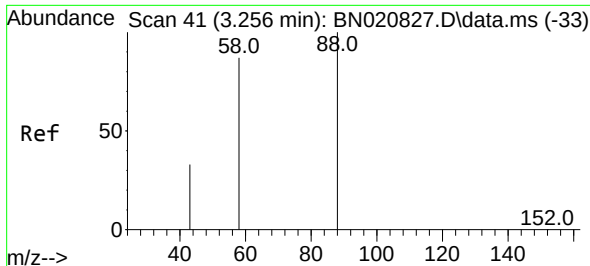
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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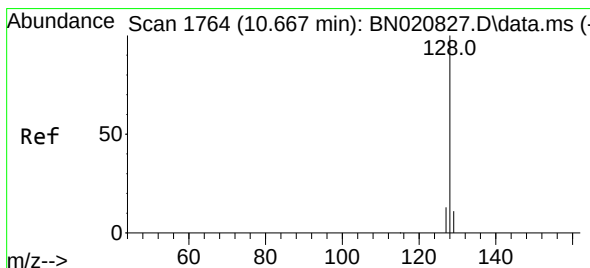
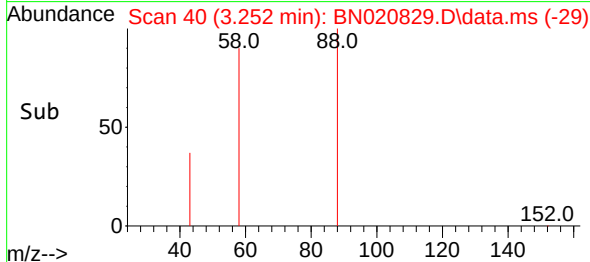
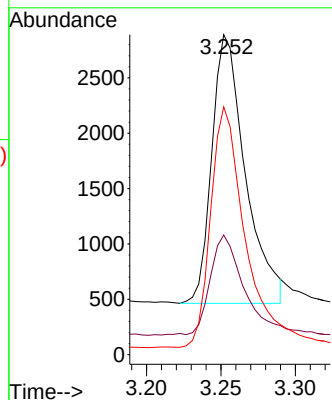
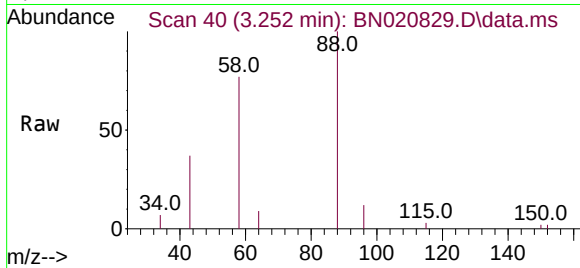




#2
 1,4-Dioxane
 Concen: 1.594 ng/ul
 RT: 3.252 min Scan# 40
 Delta R.T. -0.004 min
 Lab File: BN020829.D
 Acq: 25 Jul 2022 16:50

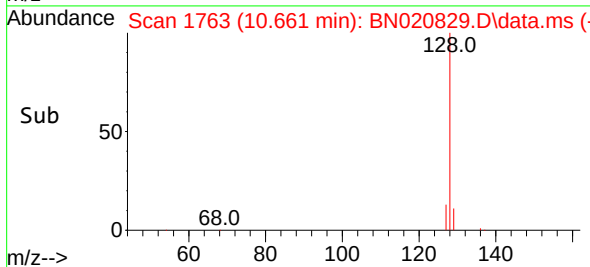
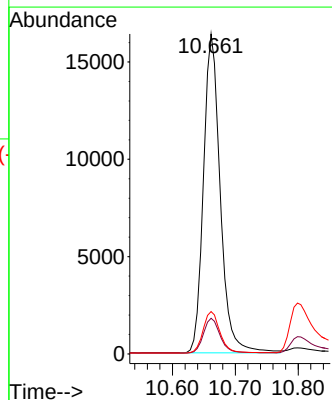
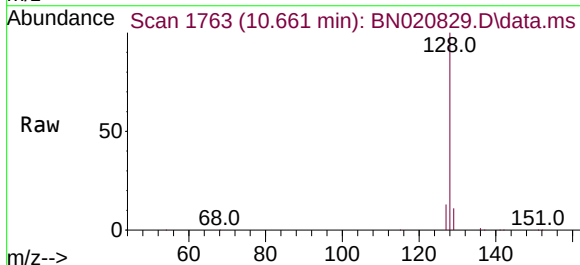
Instrument :
 BNA_N
 ClientSampleId :
 SSTD1.6220

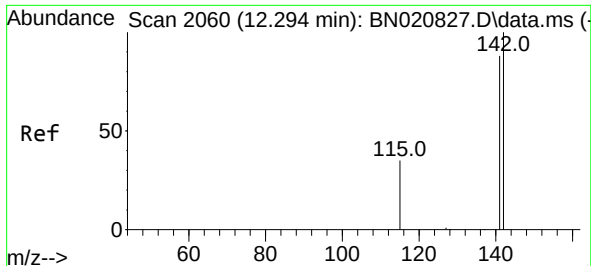
Tgt Ion: 88 Resp: 3795
 Ion Ratio Lower Upper
 88 100
 43 37.4 32.5 48.7
 58 77.5 46.2 69.2#



#5
 Naphthalene
 Concen: 1.401 ng/ul
 RT: 10.661 min Scan# 1763
 Delta R.T. -0.005 min
 Lab File: BN020829.D
 Acq: 25 Jul 2022 16:50

Tgt Ion:128 Resp: 30389
 Ion Ratio Lower Upper
 128 100
 129 11.1 9.5 14.3
 127 13.2 11.3 16.9

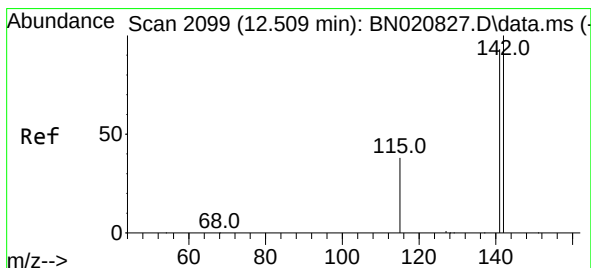
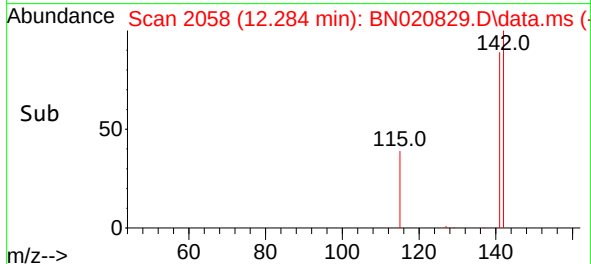
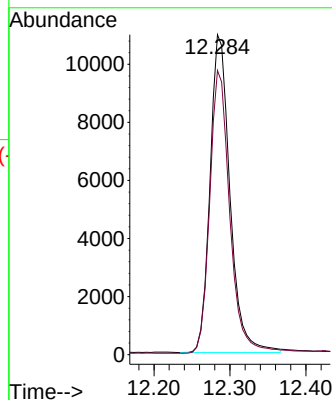
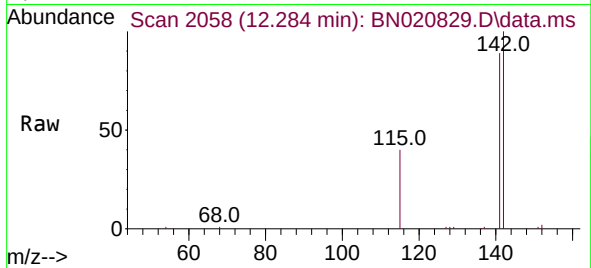




#7
2-Methylnaphthalene
Concen: 1.376 ng/ul
RT: 12.284 min Scan# 2058
Delta R.T. -0.011 min
Lab File: BN020829.D
Acq: 25 Jul 2022 16:50

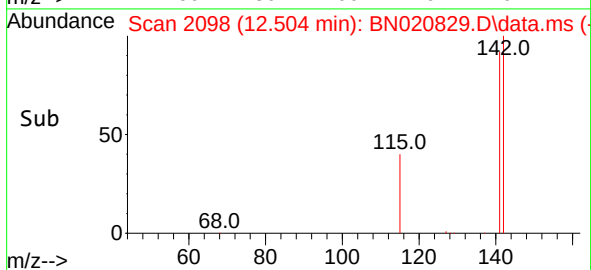
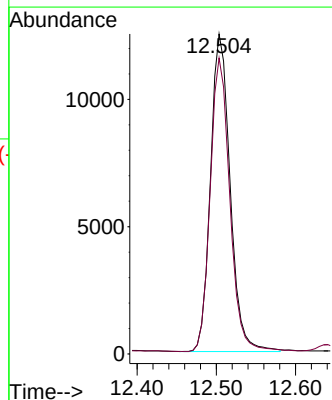
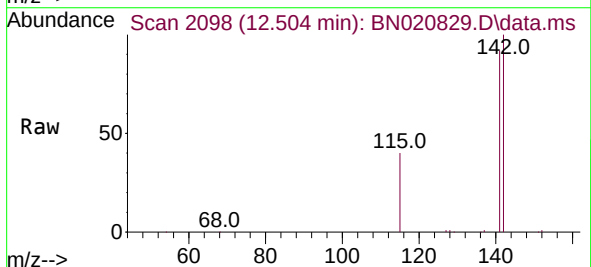
Instrument :
BNA_N
ClientSampleId :
SSTD1.6220

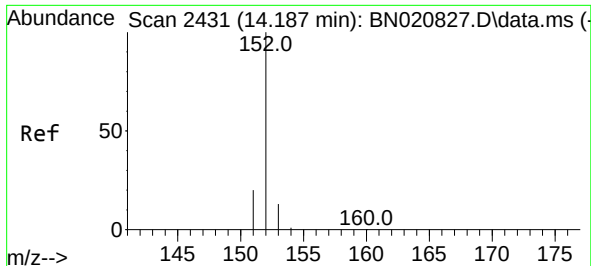
Tgt Ion:142 Resp: 19990
Ion Ratio Lower Upper
142 100
141 89.2 72.1 108.1



#8
1-Methylnaphthalene
Concen: 1.561 ng/ul
RT: 12.504 min Scan# 2098
Delta R.T. -0.005 min
Lab File: BN020829.D
Acq: 25 Jul 2022 16:50

Tgt Ion:142 Resp: 21489
Ion Ratio Lower Upper
142 100
141 92.3 73.7 110.5

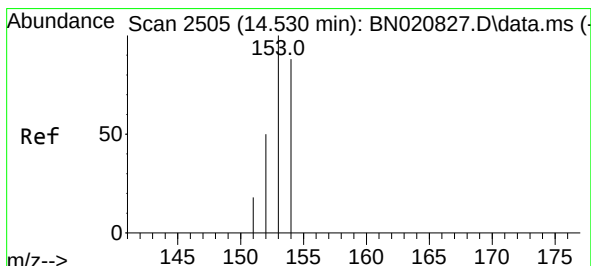
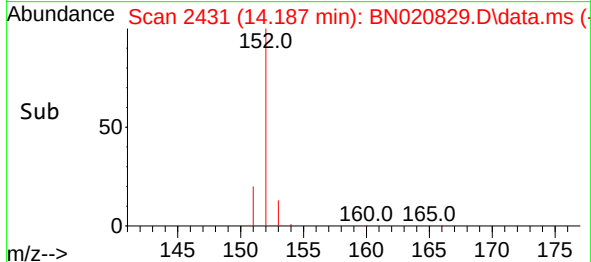
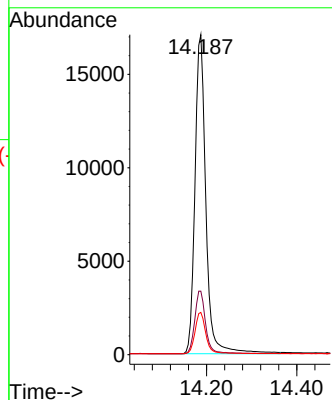
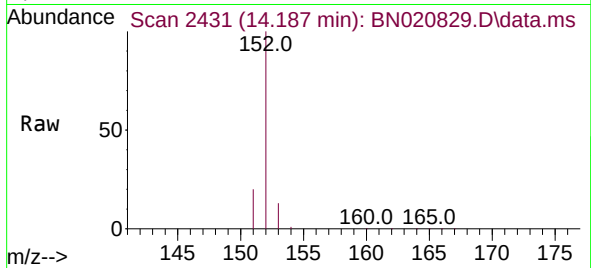




#10
Acenaphthylene
Concen: 1.476 ng/ul
RT: 14.187 min Scan# 2431
Delta R.T. 0.000 min
Lab File: BN020829.D
Acq: 25 Jul 2022 16:50

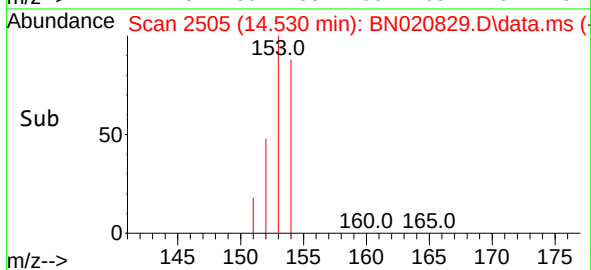
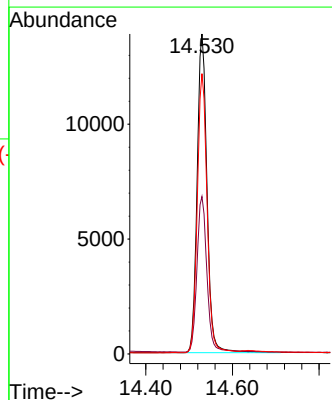
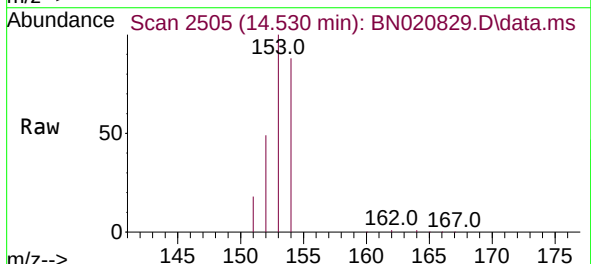
Instrument :
BNA_N
ClientSampleId :
SSTD1.6220

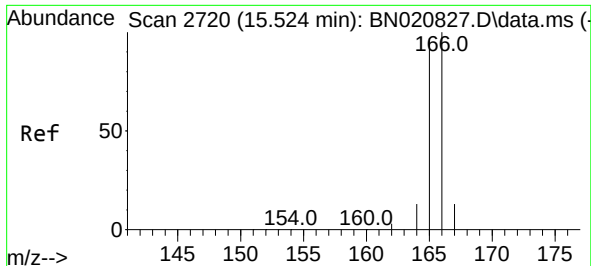
Tgt Ion:152 Resp: 28753
Ion Ratio Lower Upper
152 100
151 19.9 16.5 24.7
153 13.2 11.1 16.7



#11
Acenaphthene
Concen: 1.410 ng/ul
RT: 14.530 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BN020829.D
Acq: 25 Jul 2022 16:50

Tgt Ion:153 Resp: 21986
Ion Ratio Lower Upper
153 100
152 49.2 40.0 60.0
154 87.6 70.0 105.0

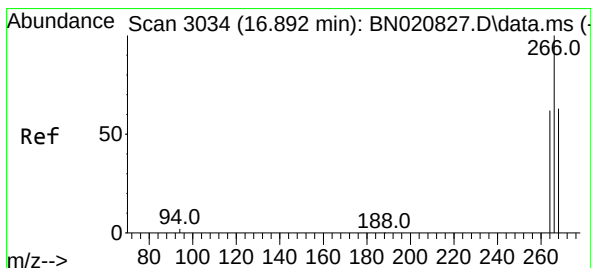
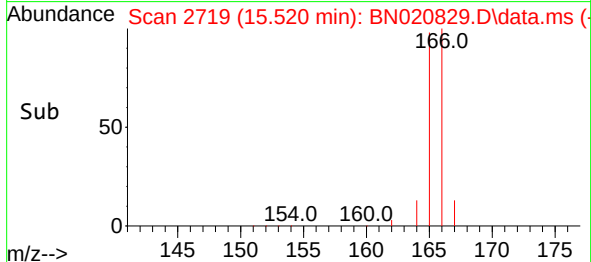
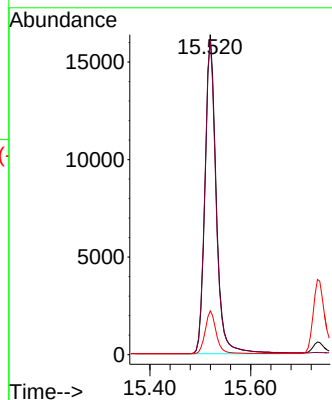
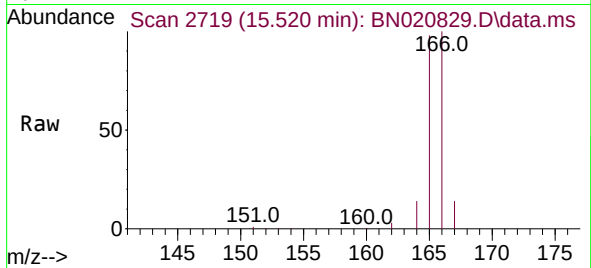




#12
Fluorene
Concen: 1.367 ng/ul
RT: 15.520 min Scan# 2719
Delta R.T. -0.005 min
Lab File: BN020829.D
Acq: 25 Jul 2022 16:50

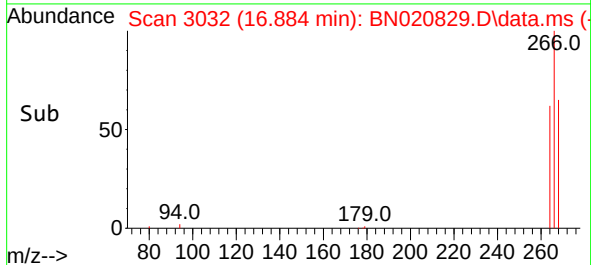
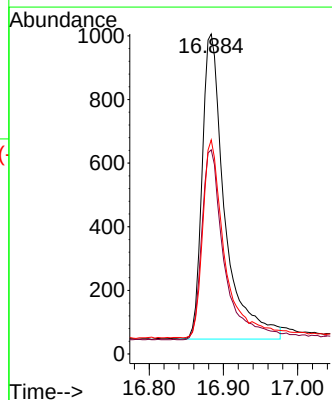
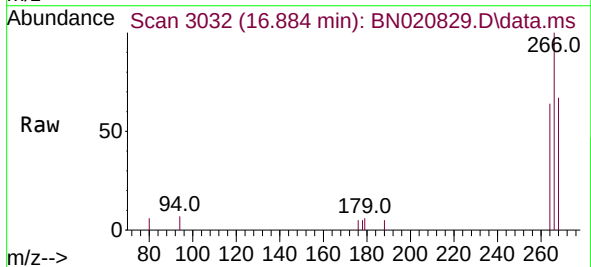
Instrument :
BNA_N
ClientSampleId :
SSTD1.6220

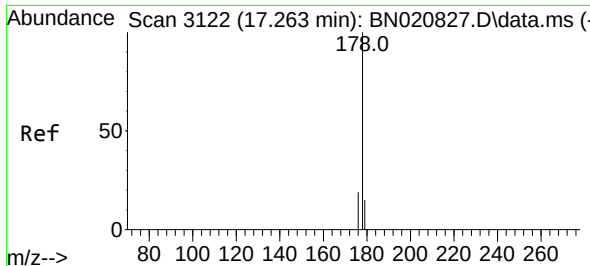
Tgt Ion:166 Resp: 25267
Ion Ratio Lower Upper
166 100
165 98.3 78.2 117.2
167 13.7 11.3 16.9



#14
Pentachlorophenol
Concen: 1.200 ng/ul
RT: 16.884 min Scan# 3032
Delta R.T. -0.008 min
Lab File: BN020829.D
Acq: 25 Jul 2022 16:50

Tgt Ion:266 Resp: 2028
Ion Ratio Lower Upper
266 100
264 62.4 51.6 77.4
268 63.2 51.5 77.3

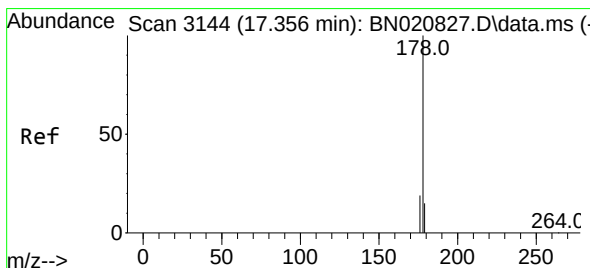
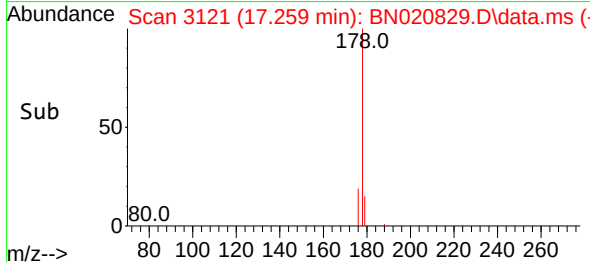
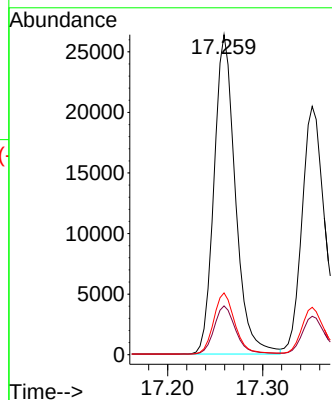
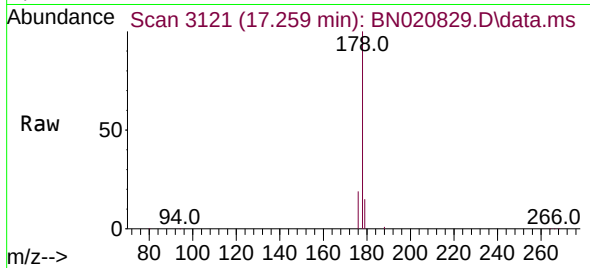




#15
Phenanthrene
Concen: 1.414 ng/ul
RT: 17.259 min Scan# 3121
Delta R.T. -0.004 min
Lab File: BN020829.D
Acq: 25 Jul 2022 16:50

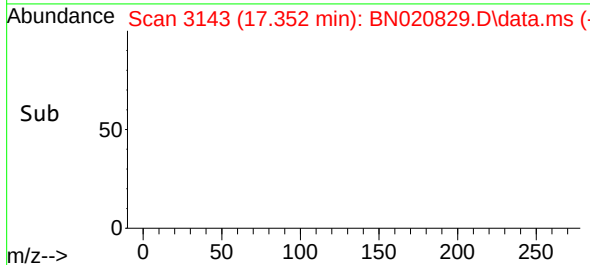
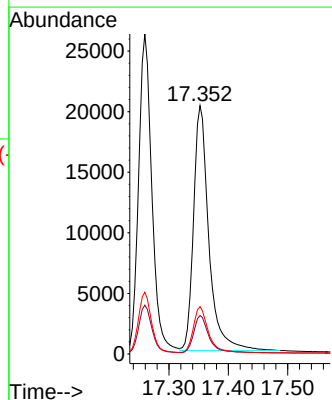
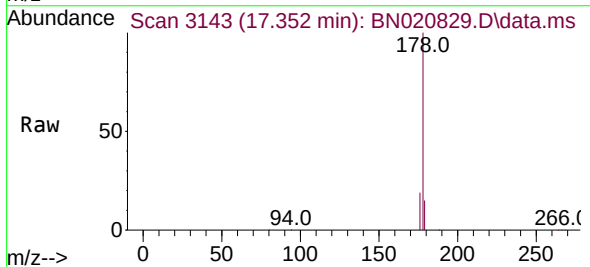
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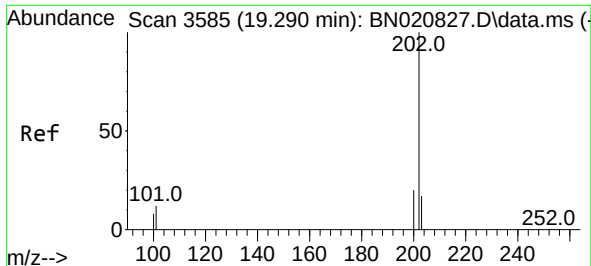
Tgt Ion:178 Resp: 41220
Ion Ratio Lower Upper
178 100
179 15.2 12.6 18.8
176 19.3 15.8 23.6



#16
Anthracene
Concen: 1.439 ng/ul
RT: 17.352 min Scan# 3143
Delta R.T. -0.004 min
Lab File: BN020829.D
Acq: 25 Jul 2022 16:50

Tgt Ion:178 Resp: 36201
Ion Ratio Lower Upper
178 100
179 15.5 12.8 19.2
176 19.0 15.2 22.8

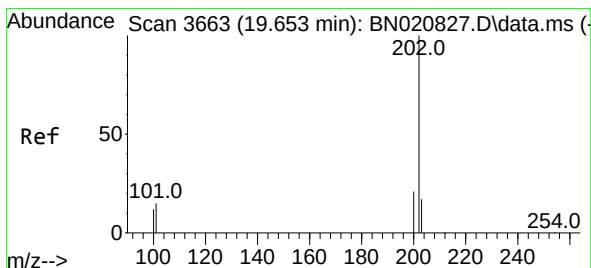
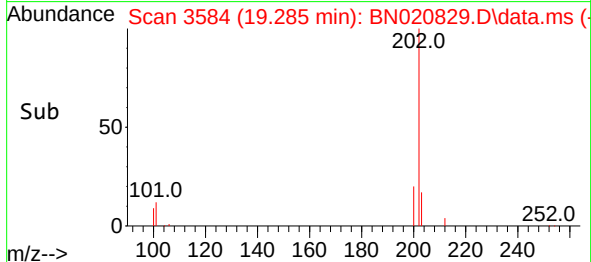
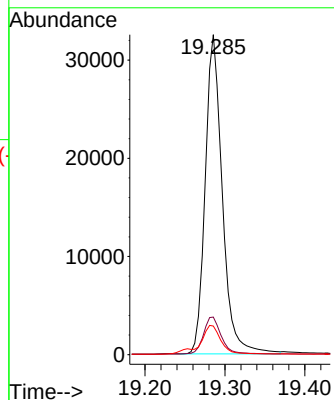
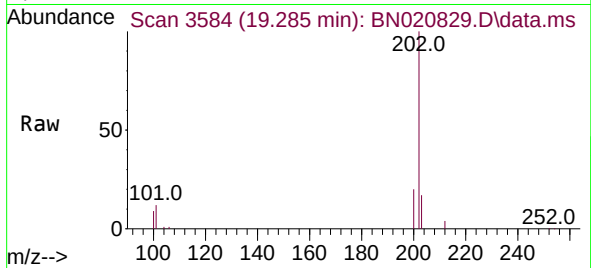




#19
Fluoranthene
Concen: 1.352 ng/ul
RT: 19.285 min Scan# 3584
Delta R.T. -0.005 min
Lab File: BN020829.D
Acq: 25 Jul 2022 16:50

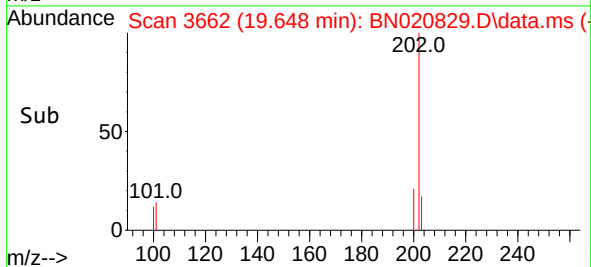
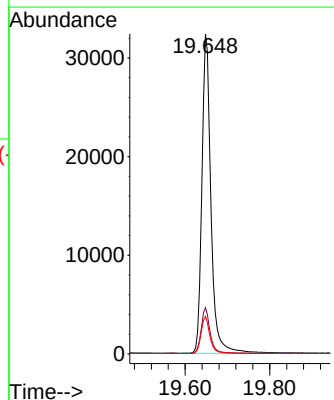
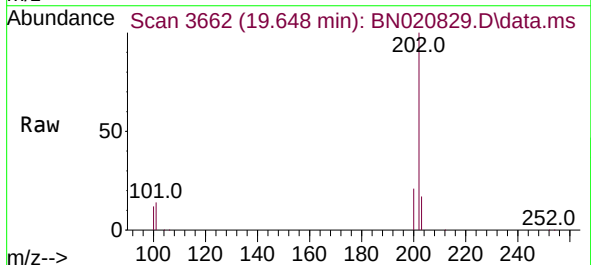
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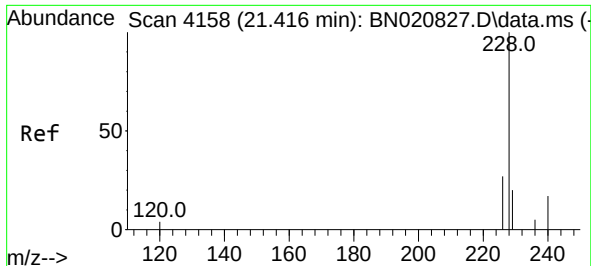
Tgt Ion:202 Resp: 48549
Ion Ratio Lower Upper
202 100
101 11.7 10.3 15.5
100 9.0 7.8 11.6



#20
Pyrene
Concen: 1.292 ng/ul
RT: 19.648 min Scan# 3662
Delta R.T. -0.005 min
Lab File: BN020829.D
Acq: 25 Jul 2022 16:50

Tgt Ion:202 Resp: 48126
Ion Ratio Lower Upper
202 100
101 14.5 11.6 17.4
100 11.8 9.2 13.8

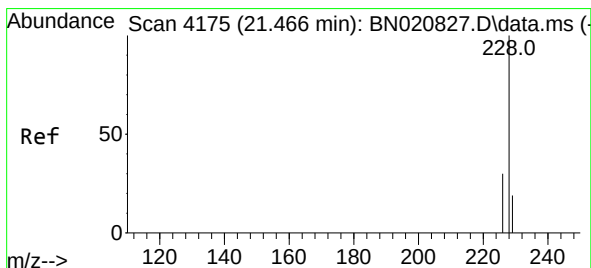
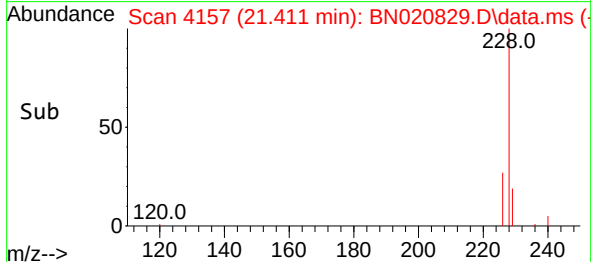
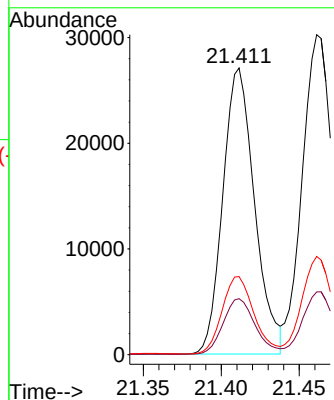
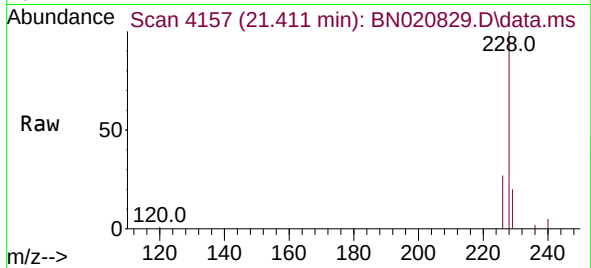




#21
Benzo(a)anthracene
Concen: 1.359 ng/ul
RT: 21.411 min Scan# 4157
Delta R.T. -0.005 min
Lab File: BN020829.D
Acq: 25 Jul 2022 16:50

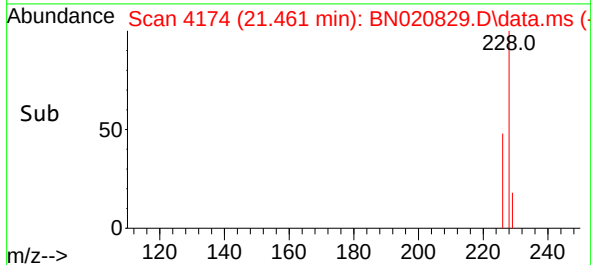
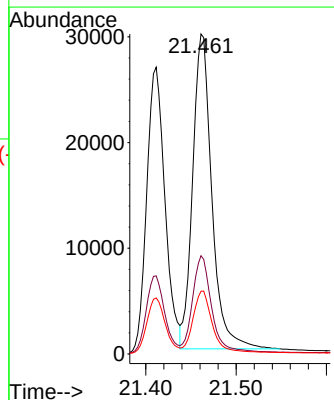
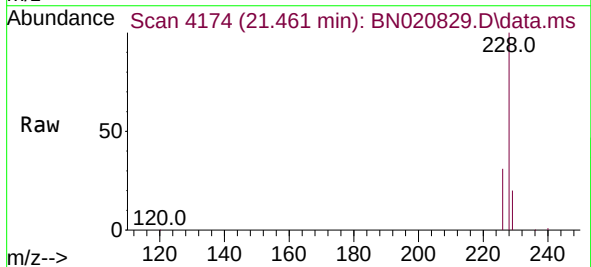
Instrument :
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SSTD1.6220

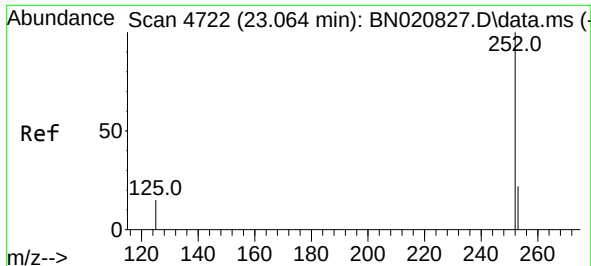
Tgt Ion:228 Resp: 38374
Ion Ratio Lower Upper
228 100
229 19.5 15.9 23.9
226 27.2 22.2 33.2



#22
Chrysene
Concen: 1.397 ng/ul
RT: 21.461 min Scan# 4174
Delta R.T. -0.005 min
Lab File: BN020829.D
Acq: 25 Jul 2022 16:50

Tgt Ion:228 Resp: 43913
Ion Ratio Lower Upper
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226 30.7 23.9 35.9
229 19.6 15.8 23.8

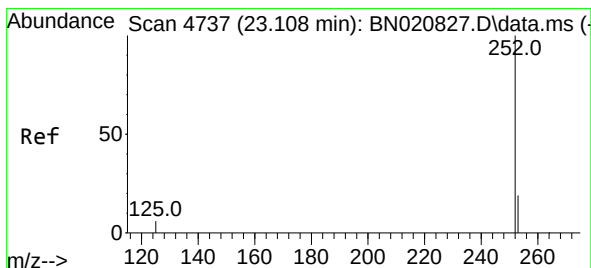
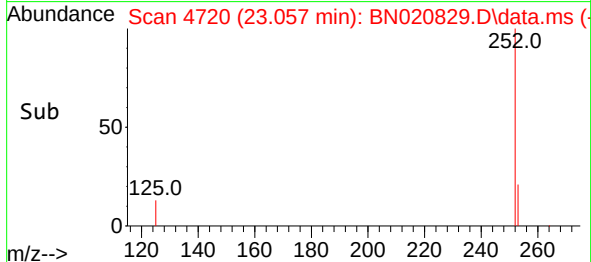
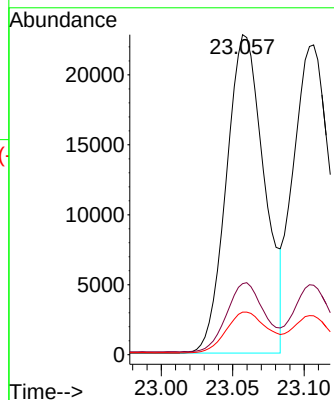
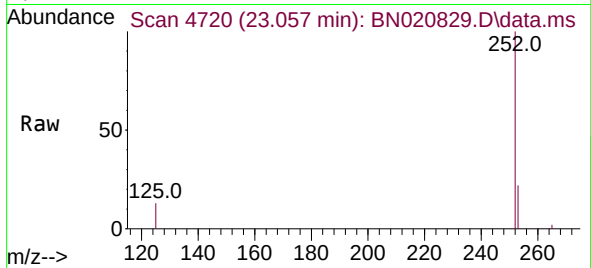




#24
Benzo(b)fluoranthene
Concen: 1.378 ng/ul
RT: 23.057 min Scan# 4720
Delta R.T. -0.007 min
Lab File: BN020829.D
Acq: 25 Jul 2022 16:50

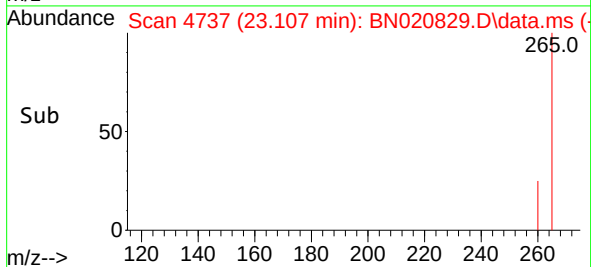
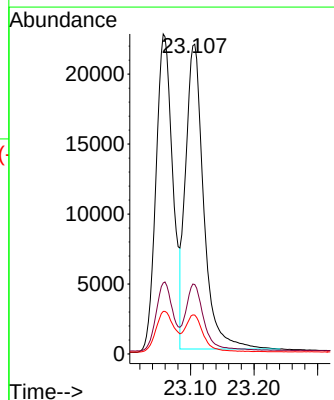
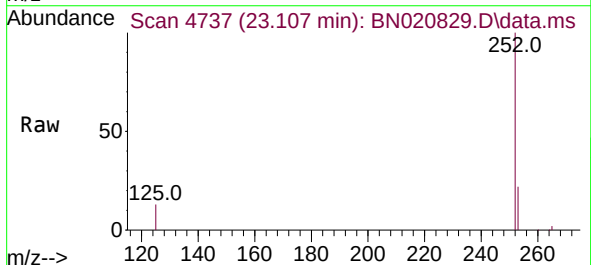
Instrument :
BNA_N
ClientSampleId :
SSTD1.6220

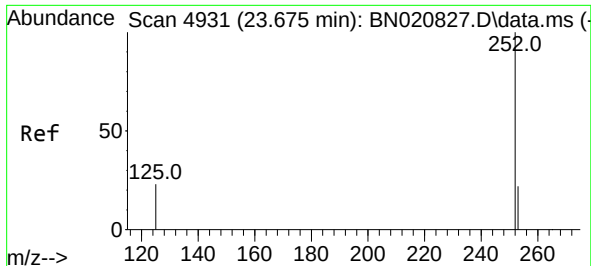
Tgt Ion:252 Resp: 41970
Ion Ratio Lower Upper
252 100
253 22.2 0.0 48.6
125 13.3 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 1.397 ng/ul
RT: 23.107 min Scan# 4737
Delta R.T. -0.002 min
Lab File: BN020829.D
Acq: 25 Jul 2022 16:50

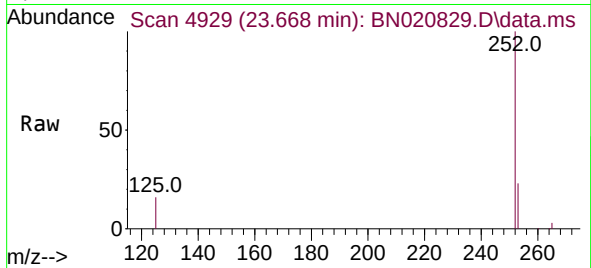
Tgt Ion:252 Resp: 42959
Ion Ratio Lower Upper
252 100
253 22.4 19.7 29.5
125 12.6 12.0 18.0



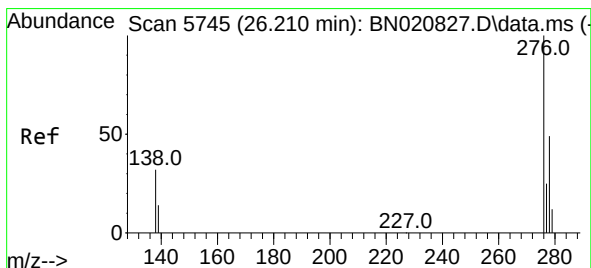
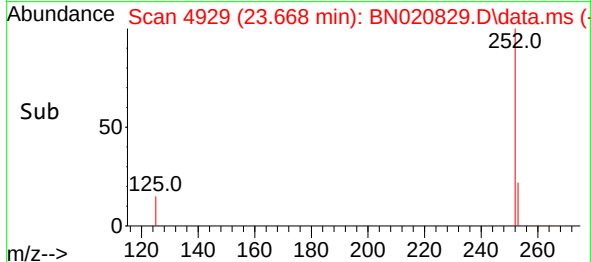
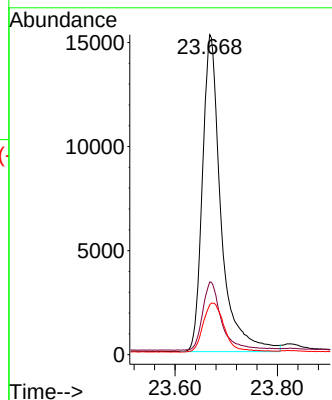


#26
Benzo(a)pyrene
Concen: 1.388 ng/ul
RT: 23.668 min Scan# 4929
Delta R.T. -0.007 min
Lab File: BN020829.D
Acq: 25 Jul 2022 16:50

Instrument :
BNA_N
ClientSampleId :
SSTD1.6220

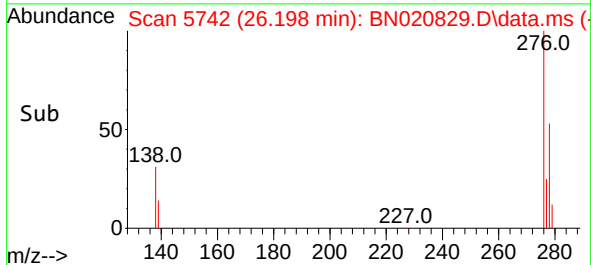
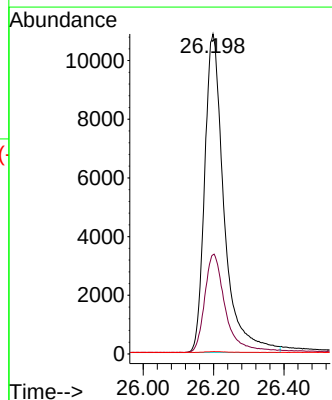
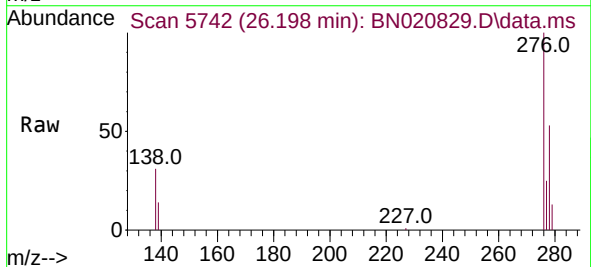


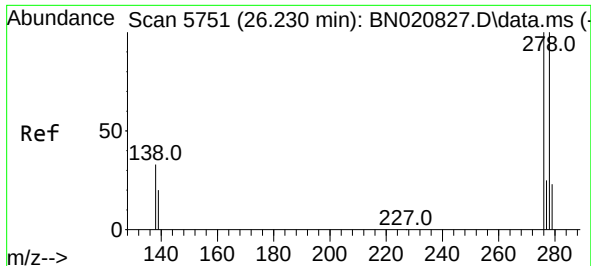
Tgt Ion:252 Resp: 38395
Ion Ratio Lower Upper
252 100
253 22.8 21.0 31.4
125 15.7 18.8 28.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.515 ng/ul
RT: 26.198 min Scan# 5742
Delta R.T. -0.012 min
Lab File: BN020829.D
Acq: 25 Jul 2022 16:50

Tgt Ion:276 Resp: 41731
Ion Ratio Lower Upper
276 100
138 32.9 27.4 41.2
227 0.3 0.2 0.2#

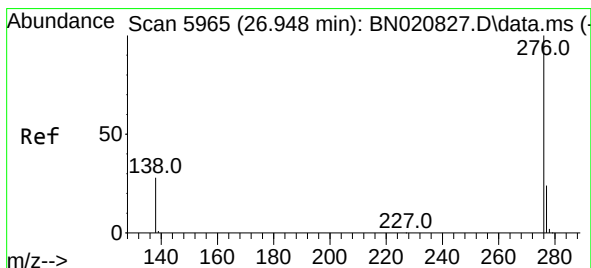
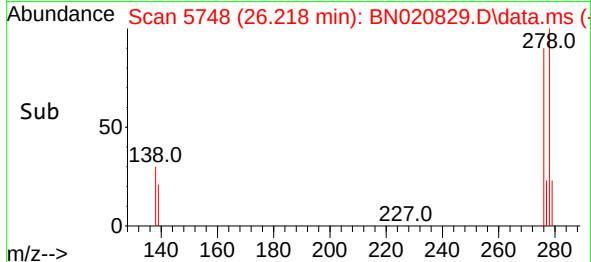
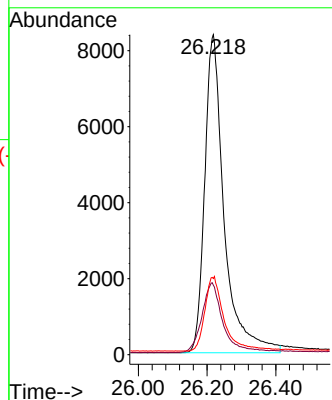
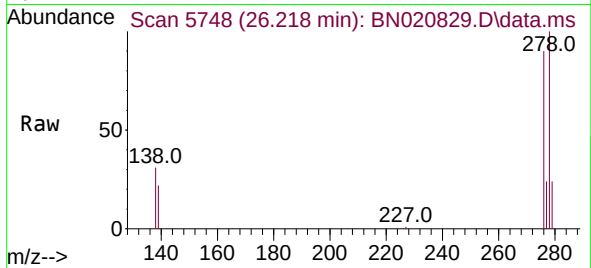




#28
 Dibenzo(a,h)anthracene
 Concen: 1.476 ng/ul
 RT: 26.218 min Scan# 51
 Delta R.T. -0.012 min
 Lab File: BN020829.D
 Acq: 25 Jul 2022 16:50

Instrument :
 BNA_N
 ClientSampleId :
 SSTD1.6220

Tgt Ion:278 Resp: 32836
 Ion Ratio Lower Upper
 278 100
 139 21.8 18.8 28.2
 279 23.8 21.4 32.0



#29
 Benzo(g,h,i)perylene
 Concen: 1.526 ng/ul
 RT: 26.936 min Scan# 5962
 Delta R.T. -0.012 min
 Lab File: BN020829.D
 Acq: 25 Jul 2022 16:50

Tgt Ion:276 Resp: 36079
 Ion Ratio Lower Upper
 276 100
 138 27.8 23.5 35.3
 277 23.8 20.1 30.1

