

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072522\
 Data File : BN020859.D
 Acq On : 26 Jul 2022 13:14
 Operator : CG/JU
 Sample : PB146369BS
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS369

Quant Time: Jul 26 13:52:14 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 18:06:54 2022
 Response via : Initial Calibration

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

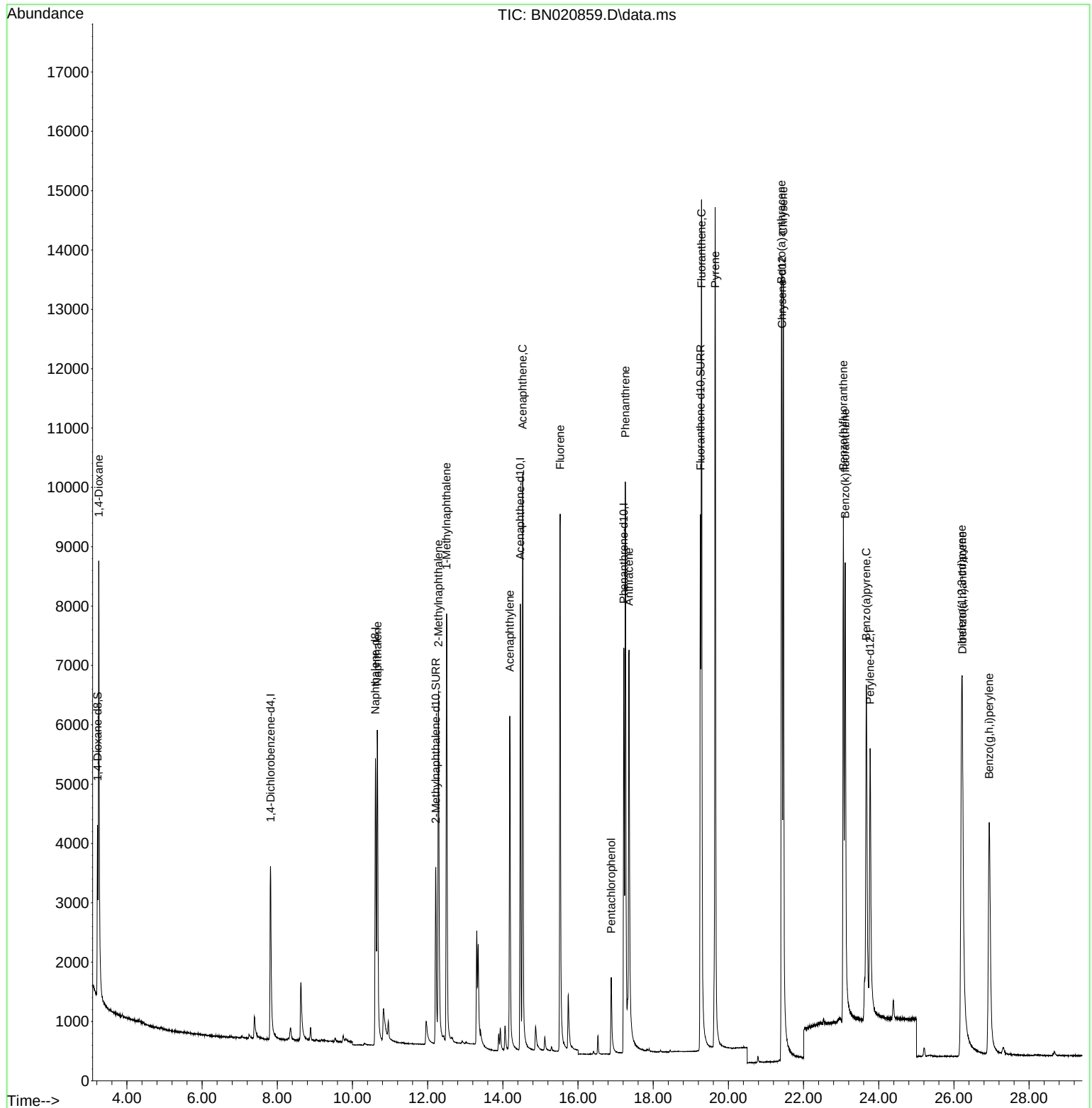
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.821	152	2233	0.400	ng/ul	0.00
4) Naphthalene-d8	10.612	136	7862	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.465	164	4586	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.217	188	9497	0.400	ng/ul	0.00
17) Chrysene-d12	21.426	240	8437	0.400	ng/ul	0.00
23) Perylene-d12	23.770	264	7008	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.218	96	1972	0.735	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.218	152	4816	0.403	ng/ul	0.00
18) Fluoranthene-d10	19.258	212	11439	0.424	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	4772	1.731	ng/ul#	82
5) Naphthalene	10.661	128	8681	0.352	ng/ul	100
7) 2-Methylnaphthalene	12.289	142	5344	0.343	ng/ul	99
8) 1-Methylnaphthalene	12.504	142	5766	0.382	ng/ul	100
10) Acenaphthylene	14.187	152	8049	0.353	ng/ul	100
11) Acenaphthene	14.530	153	6458	0.350	ng/ul	100
12) Fluorene	15.524	166	7209	0.356	ng/ul	99
14) Pentachlorophenol	16.884	266	1231	0.861	ng/ul	99
15) Phenanthrene	17.259	178	12034	0.346	ng/ul	99
16) Anthracene	17.356	178	9966	0.357	ng/ul	99
19) Fluoranthene	19.285	202	13941	0.353	ng/ul	99
20) Pyrene	19.648	202	14403	0.349	ng/ul	99
21) Benzo(a)anthracene	21.411	228	10402	0.373	ng/ul	100
22) Chrysene	21.461	228	12931	0.360	ng/ul	99
24) Benzo(b)fluoranthene	23.060	252	11941	0.360	ng/ul	98
25) Benzo(k)fluoranthene	23.107	252	12508	0.364	ng/ul	98
26) Benzo(a)pyrene	23.671	252	10875	0.355	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	26.205	276	11580	0.359	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.225	278	9072	0.369	ng/ul	99
29) Benzo(g,h,i)perylene	26.936	276	10476	0.361	ng/ul	99

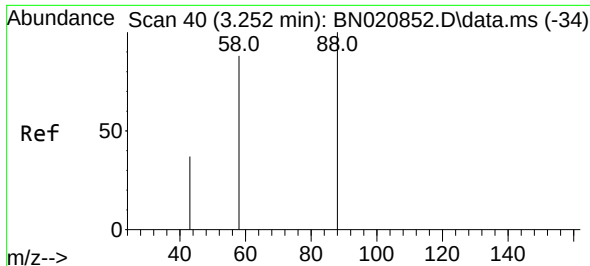
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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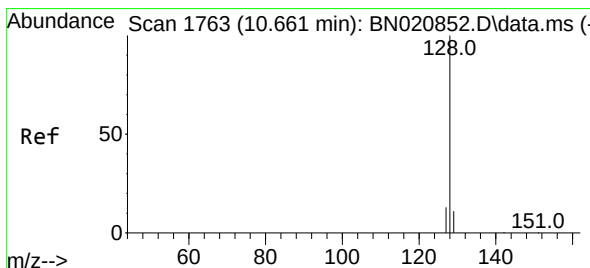
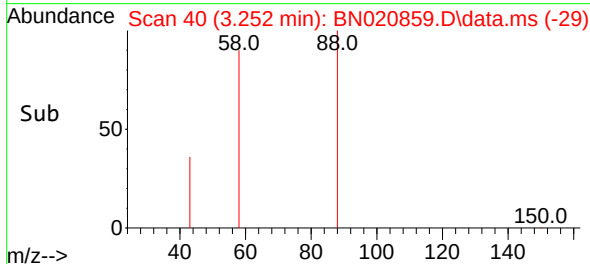
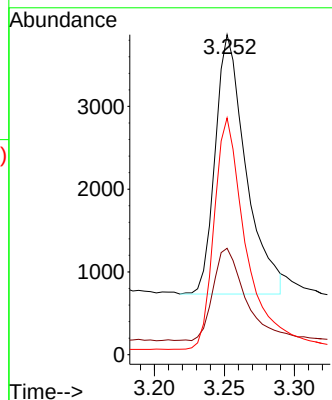
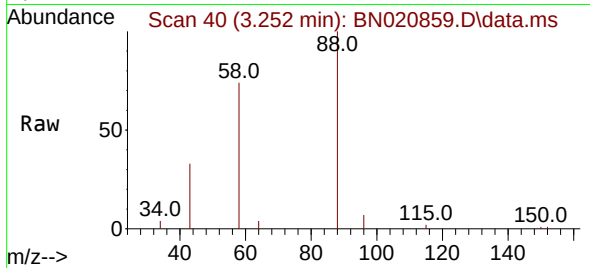




#2
 1,4-Dioxane
 Concen: 1.731 ng/ul
 RT: 3.252 min Scan# 40
 Delta R.T. -0.004 min
 Lab File: BN020859.D
 Acq: 26 Jul 2022 13:14

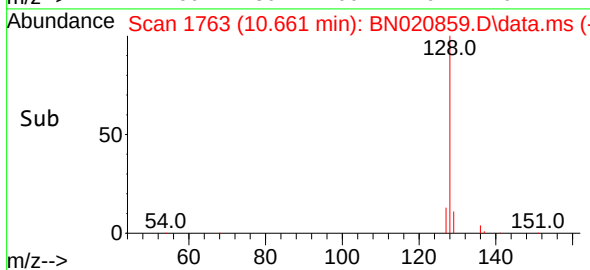
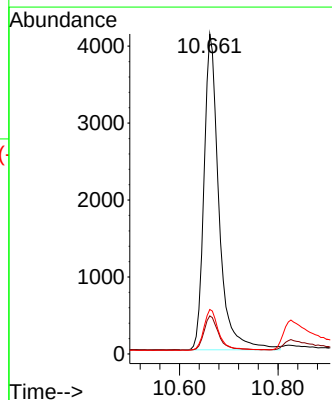
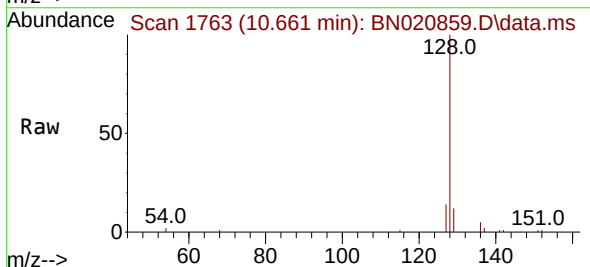
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 BNA_N
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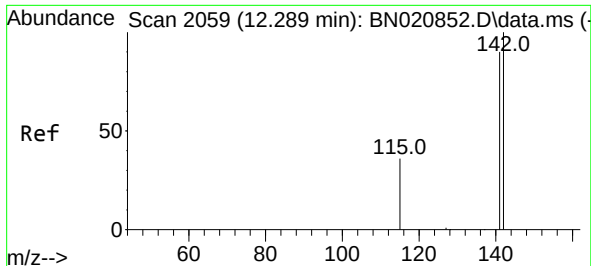
Tgt Ion: 88 Resp: 4772
 Ion Ratio Lower Upper
 88 100
 43 33.2 32.5 48.7
 58 74.0 46.2 69.2#



#5
 Naphthalene
 Concen: 0.352 ng/ul
 RT: 10.661 min Scan# 1763
 Delta R.T. -0.005 min
 Lab File: BN020859.D
 Acq: 26 Jul 2022 13:14

Tgt Ion: 128 Resp: 8681
 Ion Ratio Lower Upper
 128 100
 129 11.9 9.5 14.3
 127 13.9 11.3 16.9

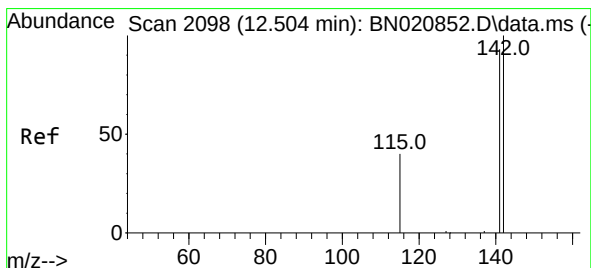
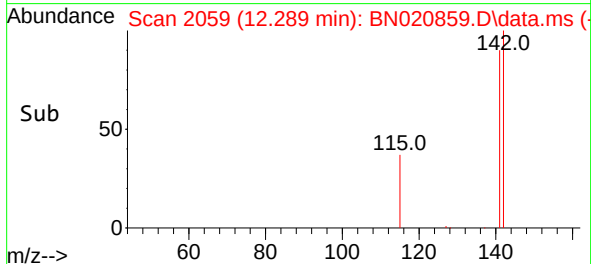
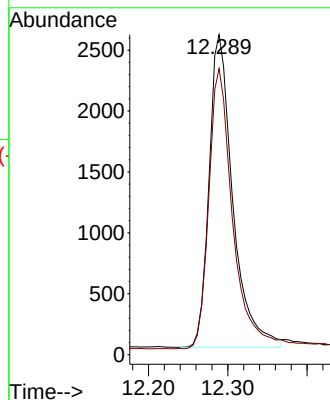
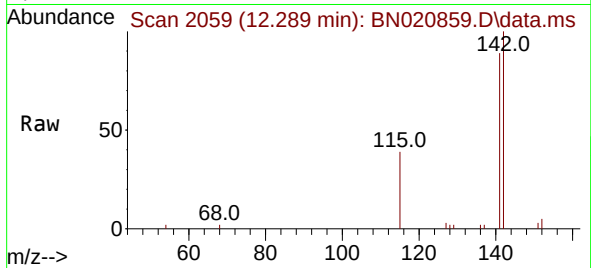




#7
2-Methylnaphthalene
Concen: 0.343 ng/ul
RT: 12.289 min Scan# 2059
Delta R.T. -0.005 min
Lab File: BN020859.D
Acq: 26 Jul 2022 13:14

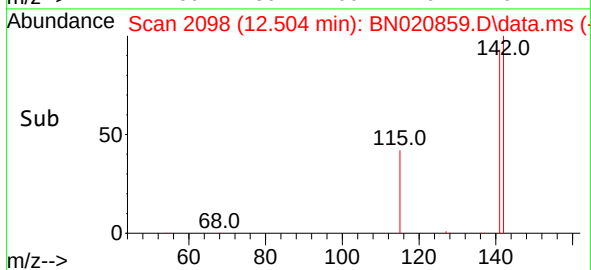
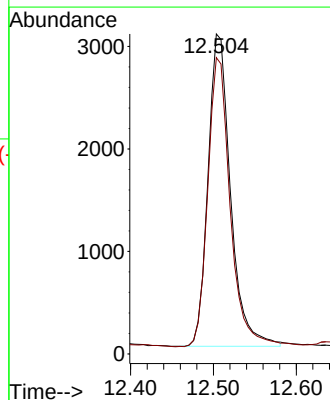
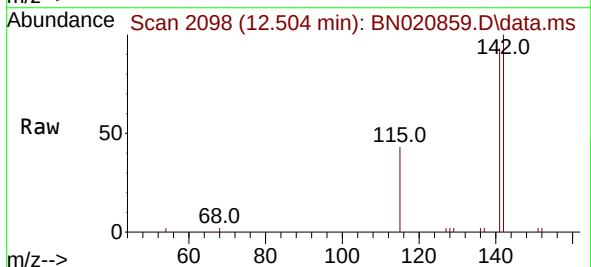
Instrument :
BNA_N
ClientSampleId :
SLCS369

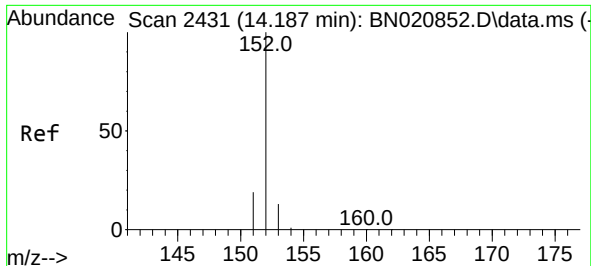
Tgt Ion:142 Resp: 5344
Ion Ratio Lower Upper
142 100
141 89.4 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.382 ng/ul
RT: 12.504 min Scan# 2098
Delta R.T. -0.005 min
Lab File: BN020859.D
Acq: 26 Jul 2022 13:14

Tgt Ion:142 Resp: 5766
Ion Ratio Lower Upper
142 100
141 92.3 73.7 110.5

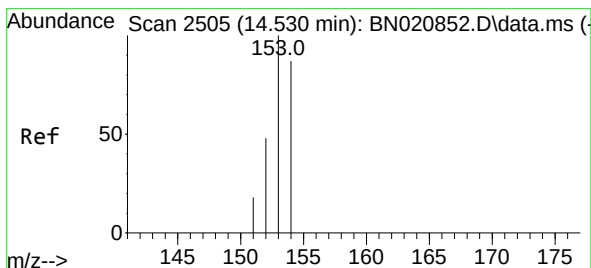
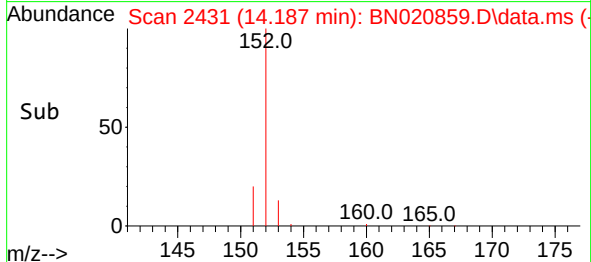
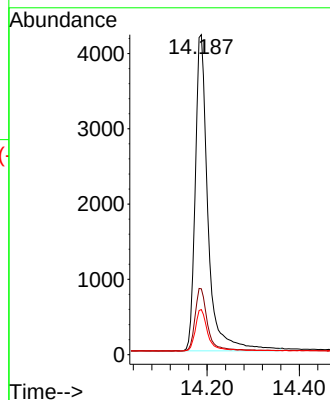
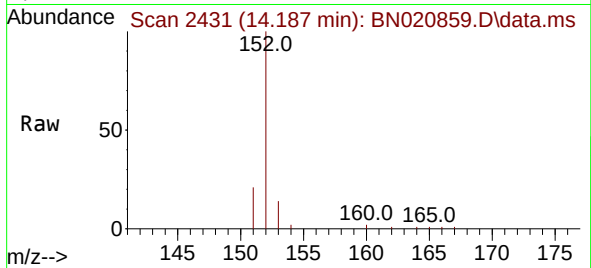




#10
Acenaphthylene
Concen: 0.353 ng/ul
RT: 14.187 min Scan# 2431
Delta R.T. 0.000 min
Lab File: BN020859.D
Acq: 26 Jul 2022 13:14

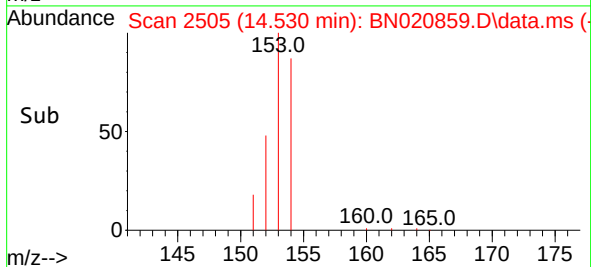
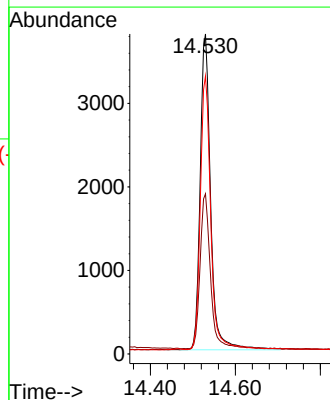
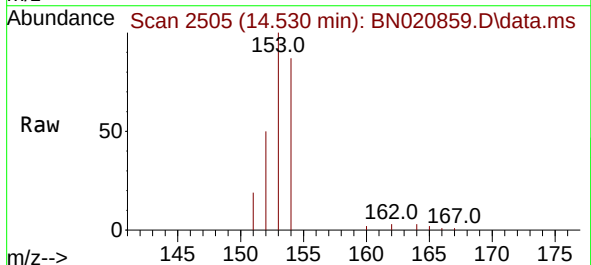
Instrument :
BNA_N
ClientSampleId :
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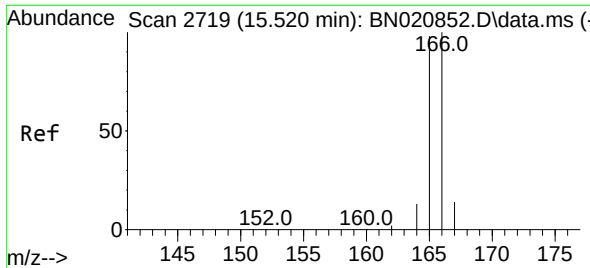
Tgt Ion:152 Resp: 8049
Ion Ratio Lower Upper
152 100
151 20.6 16.5 24.7
153 14.1 11.1 16.7



#11
Acenaphthene
Concen: 0.350 ng/ul
RT: 14.530 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BN020859.D
Acq: 26 Jul 2022 13:14

Tgt Ion:153 Resp: 6458
Ion Ratio Lower Upper
153 100
152 50.1 40.0 60.0
154 86.9 70.0 105.0

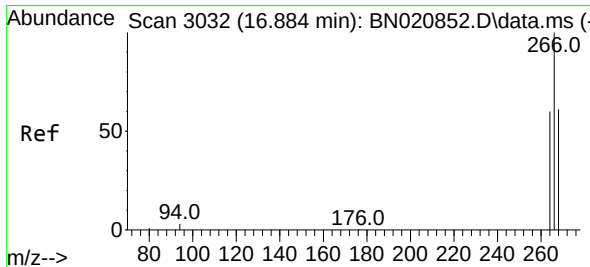
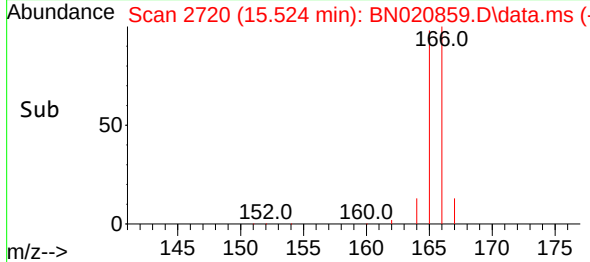
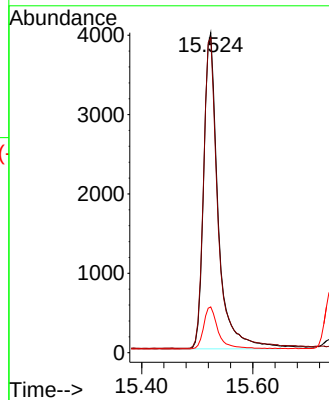
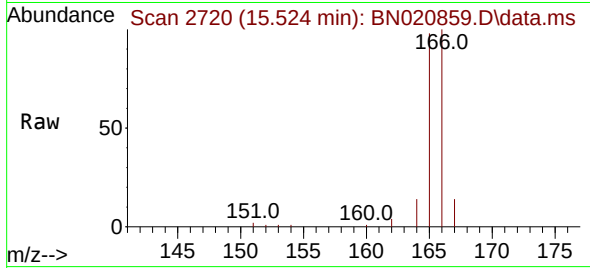




#12
Fluorene
Concen: 0.356 ng/ul
RT: 15.524 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN020859.D
Acq: 26 Jul 2022 13:14

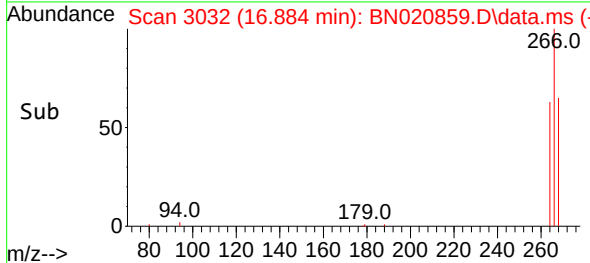
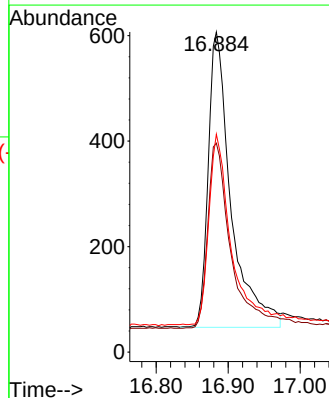
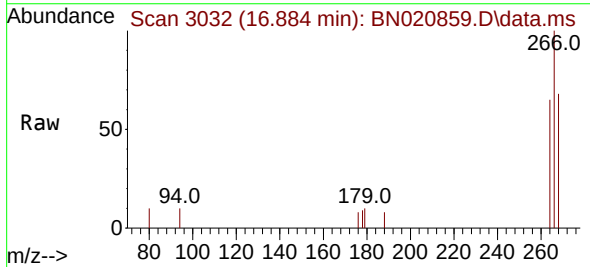
Instrument :
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ClientSampleId :
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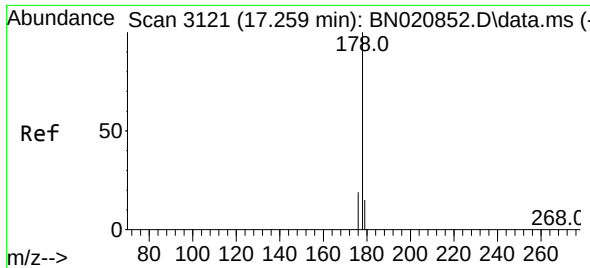
Tgt Ion:166 Resp: 7209
Ion Ratio Lower Upper
166 100
165 98.4 78.2 117.2
167 14.3 11.3 16.9



#14
Pentachlorophenol
Concen: 0.861 ng/ul
RT: 16.884 min Scan# 3032
Delta R.T. -0.008 min
Lab File: BN020859.D
Acq: 26 Jul 2022 13:14

Tgt Ion:266 Resp: 1231
Ion Ratio Lower Upper
266 100
264 63.7 51.6 77.4
268 63.3 51.5 77.3

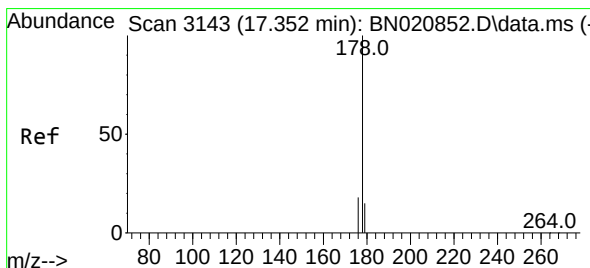
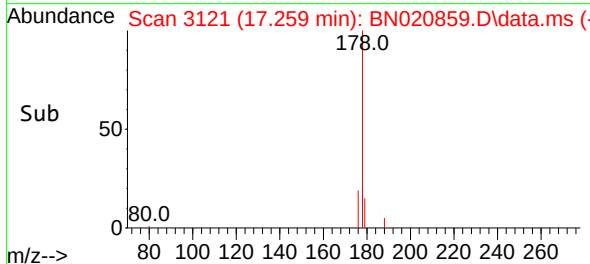
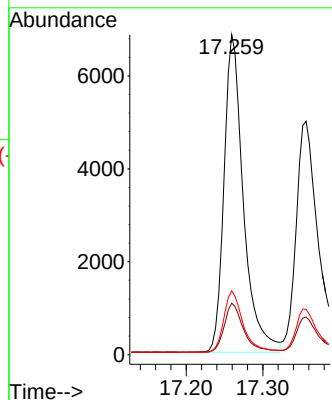
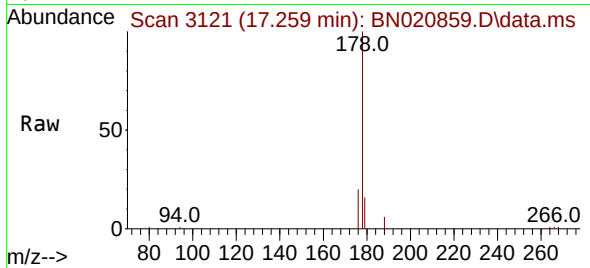




#15
Phenanthrene
Concen: 0.346 ng/ul
RT: 17.259 min Scan# 3121
Delta R.T. -0.004 min
Lab File: BN020859.D
Acq: 26 Jul 2022 13:14

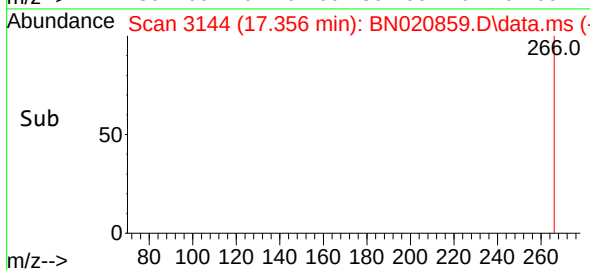
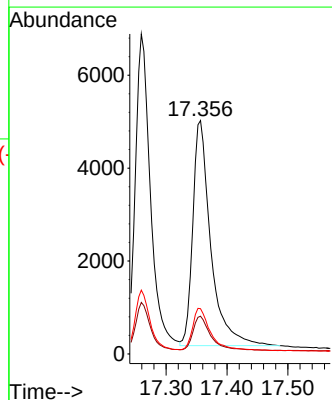
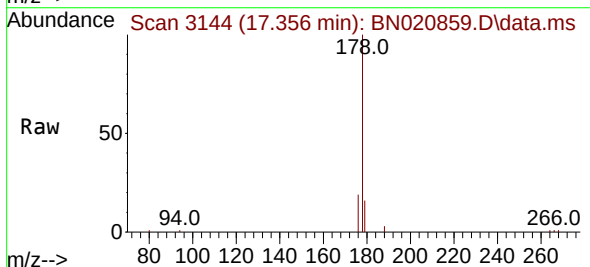
Instrument :
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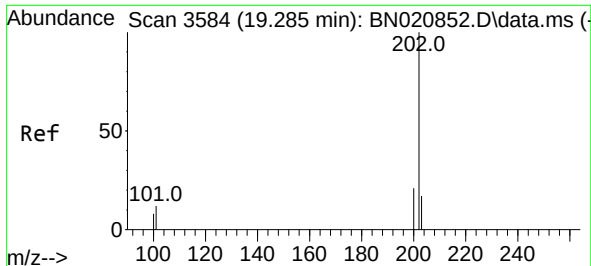
Tgt Ion:178	Resp:	12034
Ion Ratio	Lower	Upper
178	100	
179	16.1	12.6 18.8
176	19.9	15.8 23.6



#16
Anthracene
Concen: 0.357 ng/ul
RT: 17.356 min Scan# 3144
Delta R.T. 0.000 min
Lab File: BN020859.D
Acq: 26 Jul 2022 13:14

Tgt Ion:178	Resp:	9966
Ion Ratio	Lower	Upper
178	100	
179	16.1	12.8 19.2
176	19.4	15.2 22.8

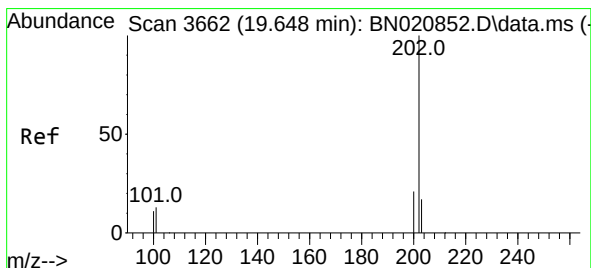
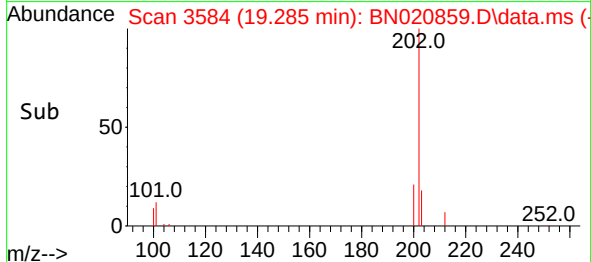
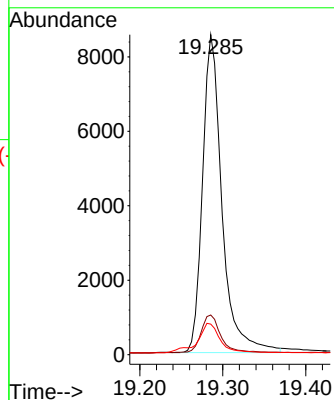
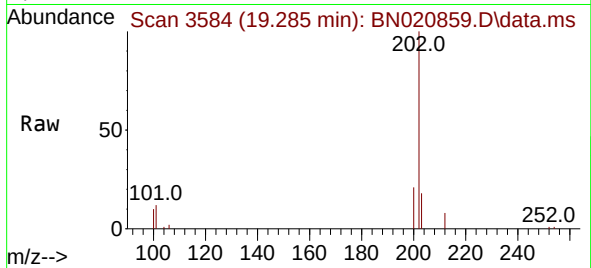




#19
Fluoranthene
Concen: 0.353 ng/ul
RT: 19.285 min Scan# 3584
Delta R.T. -0.005 min
Lab File: BN020859.D
Acq: 26 Jul 2022 13:14

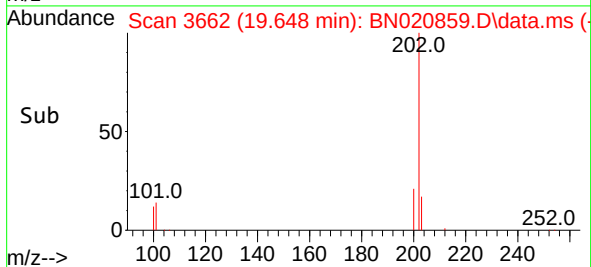
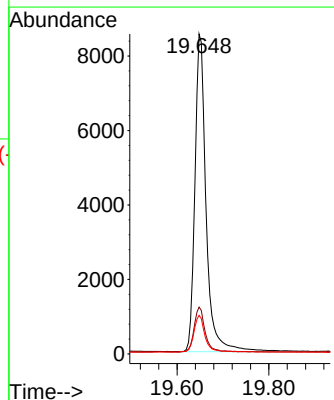
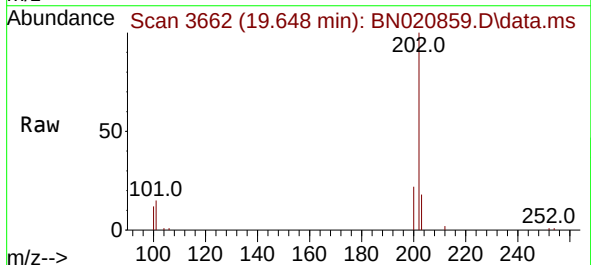
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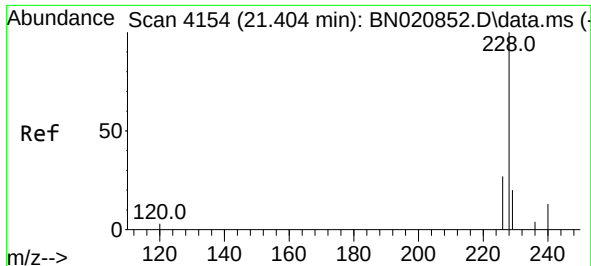
Tgt Ion:202 Resp: 13941
Ion Ratio Lower Upper
202 100
101 12.4 10.3 15.5
100 9.5 7.8 11.6



#20
Pyrene
Concen: 0.349 ng/ul
RT: 19.648 min Scan# 3662
Delta R.T. -0.005 min
Lab File: BN020859.D
Acq: 26 Jul 2022 13:14

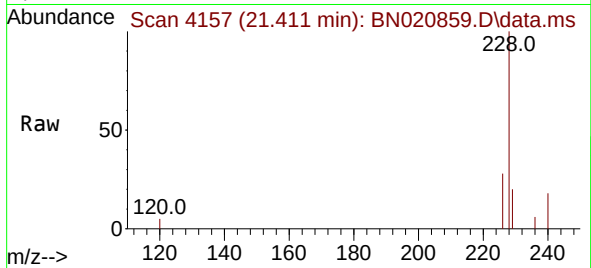
Tgt Ion:202 Resp: 14403
Ion Ratio Lower Upper
202 100
101 14.6 11.6 17.4
100 12.0 9.2 13.8



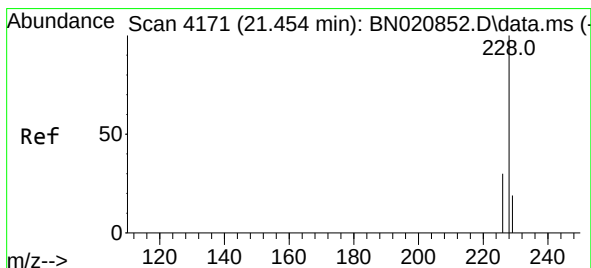
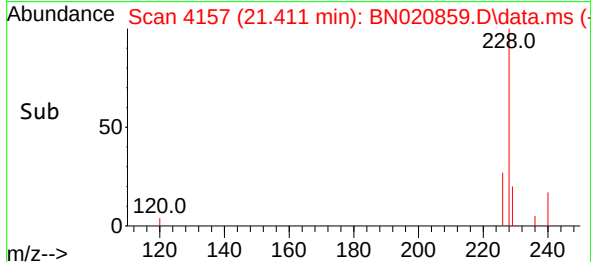
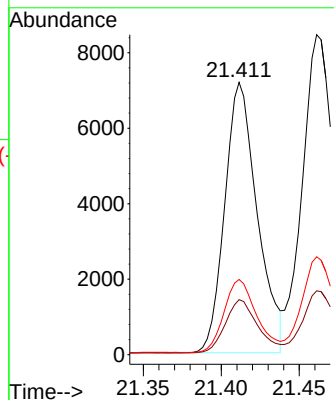


#21
Benzo(a)anthracene
Concen: 0.373 ng/ul
RT: 21.411 min Scan# 4157
Delta R.T. -0.005 min
Lab File: BN020859.D
Acq: 26 Jul 2022 13:14

Instrument :
BNA_N
ClientSampleId :
SLCS369

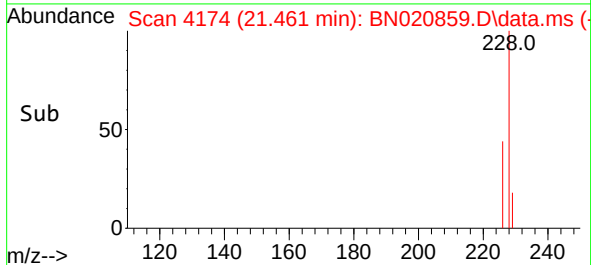
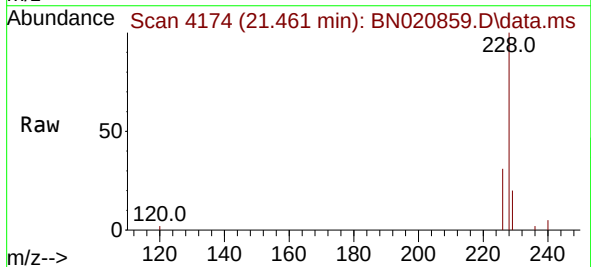
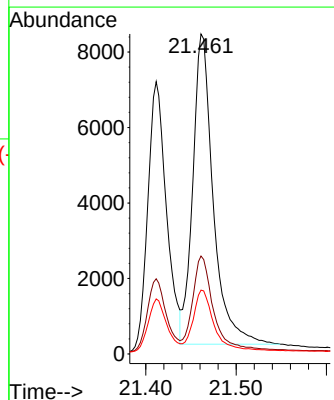


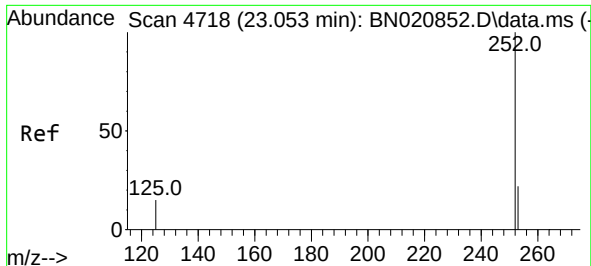
Tgt Ion:228 Resp: 10402
Ion Ratio Lower Upper
228 100
229 20.2 15.9 23.9
226 27.6 22.2 33.2



#22
Chrysene
Concen: 0.360 ng/ul
RT: 21.461 min Scan# 4174
Delta R.T. -0.005 min
Lab File: BN020859.D
Acq: 26 Jul 2022 13:14

Tgt Ion:228 Resp: 12931
Ion Ratio Lower Upper
228 100
226 30.6 23.9 35.9
229 20.0 15.8 23.8

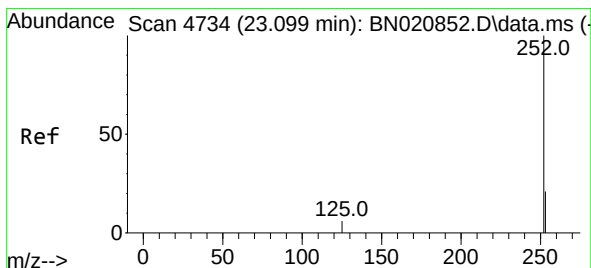
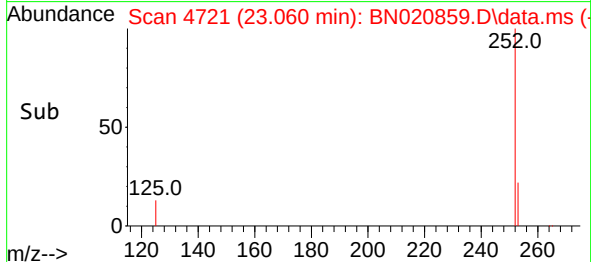
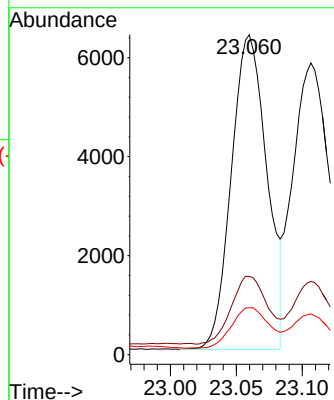
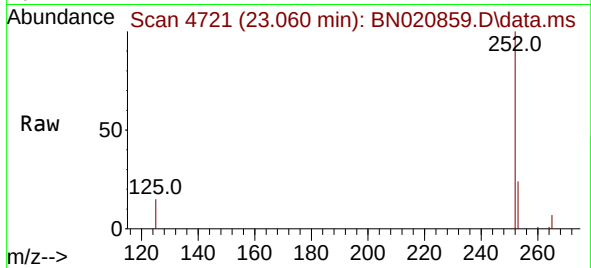




#24
Benzo(b)fluoranthene
Concen: 0.360 ng/ul
RT: 23.060 min Scan# 4718
Delta R.T. -0.005 min
Lab File: BN020859.D
Acq: 26 Jul 2022 13:14

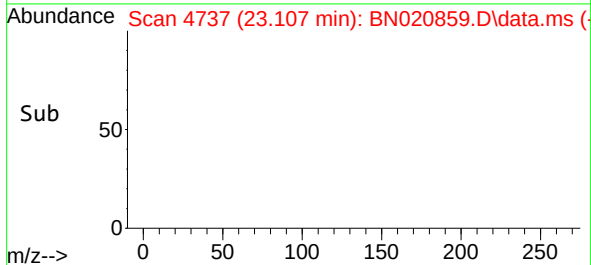
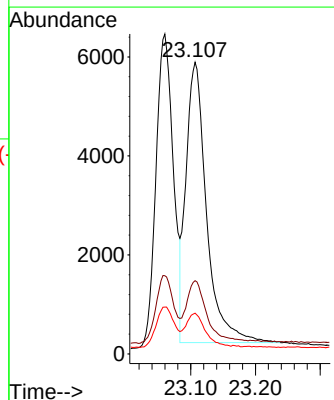
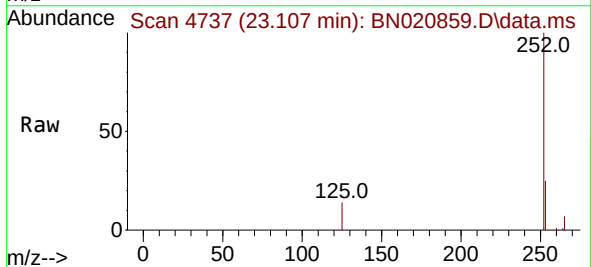
Instrument :
BNA_N
ClientSampleId :
SLCS369

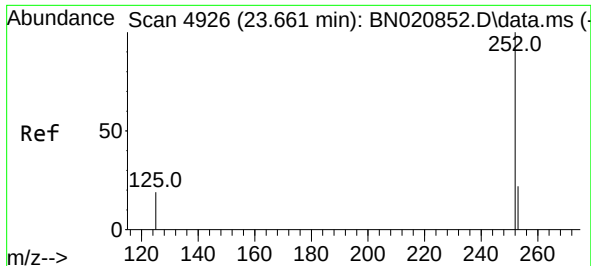
Tgt Ion:252 Resp: 11941
Ion Ratio Lower Upper
252 100
253 24.4 0.0 48.6
125 14.7 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.364 ng/ul
RT: 23.107 min Scan# 4737
Delta R.T. -0.002 min
Lab File: BN020859.D
Acq: 26 Jul 2022 13:14

Tgt Ion:252 Resp: 12508
Ion Ratio Lower Upper
252 100
253 25.1 19.7 29.5
125 14.0 12.0 18.0

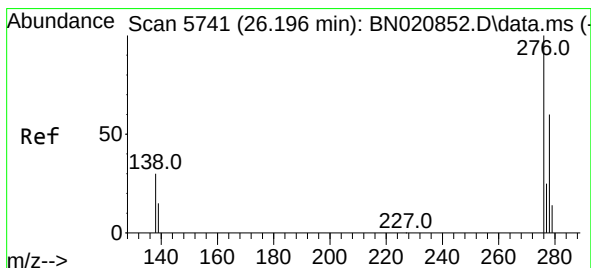
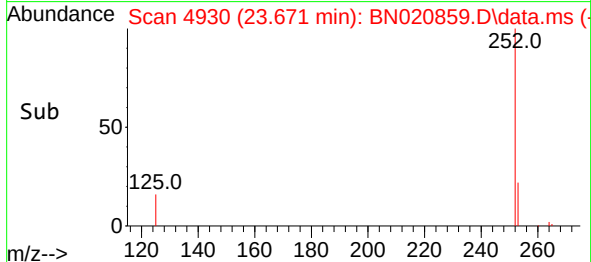
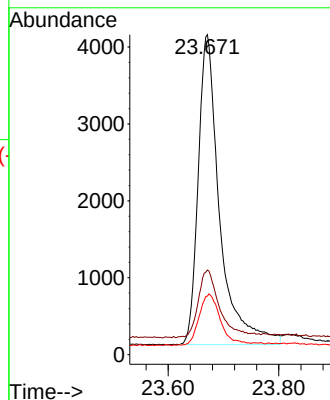
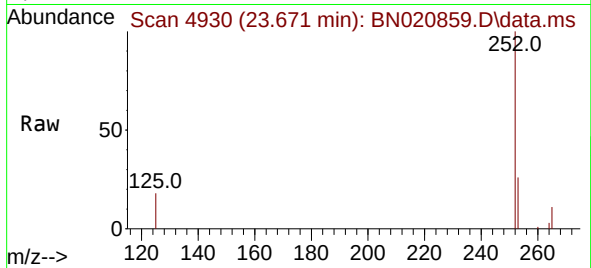




#26
Benzo(a)pyrene
Concen: 0.355 ng/ul
RT: 23.671 min Scan# 4926
Delta R.T. -0.005 min
Lab File: BN020859.D
Acq: 26 Jul 2022 13:14

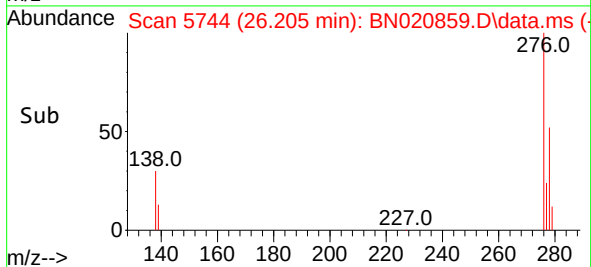
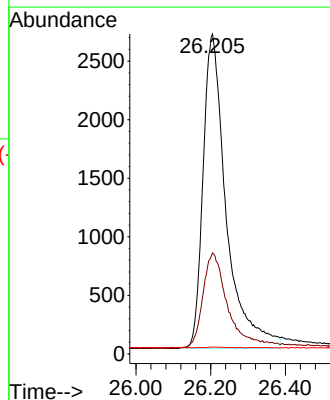
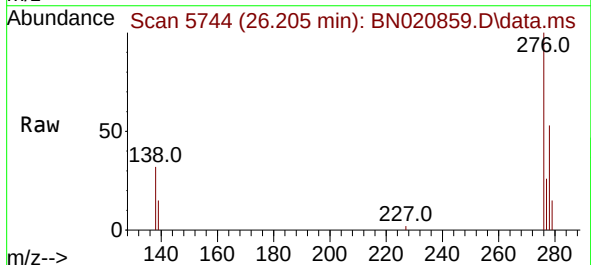
Instrument :
BNA_N
ClientSampleId :
SLCS369

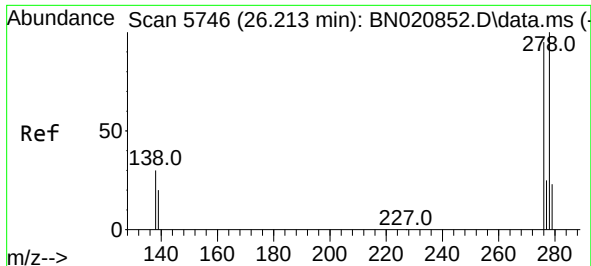
Tgt Ion:252 Resp: 10875
Ion Ratio Lower Upper
252 100
253 26.5 21.0 31.4
125 18.3 18.8 28.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.359 ng/ul
RT: 26.205 min Scan# 5744
Delta R.T. -0.005 min
Lab File: BN020859.D
Acq: 26 Jul 2022 13:14

Tgt Ion:276 Resp: 11580
Ion Ratio Lower Upper
276 100
138 32.5 27.4 41.2
227 0.2 0.2 0.2#

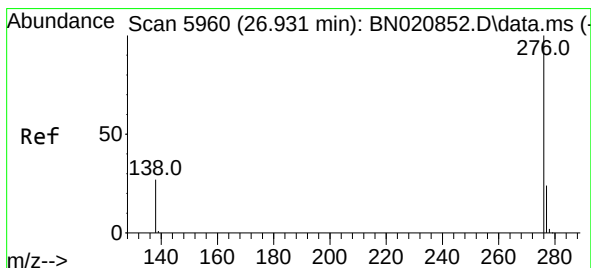
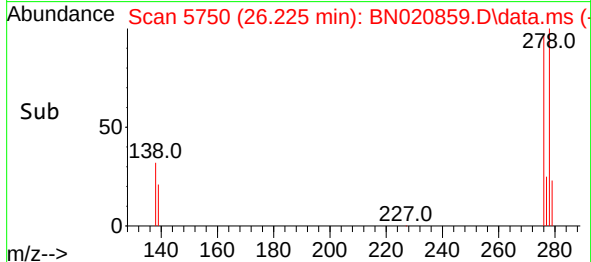
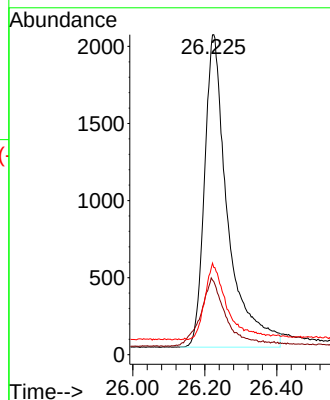
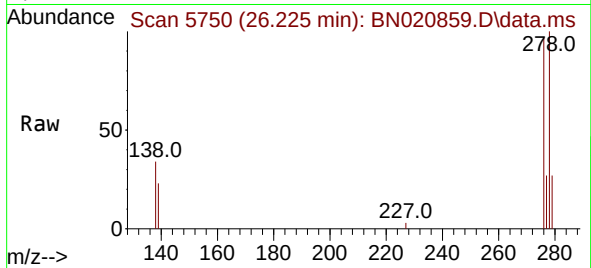




#28
 Dibenzo(a,h)anthracene
 Concen: 0.369 ng/ul
 RT: 26.225 min Scan# 51
 Delta R.T. -0.005 min
 Lab File: BN020859.D
 Acq: 26 Jul 2022 13:14

Instrument :
 BNA_N
 ClientSampleId :
 SLCS369

Tgt Ion:278 Resp: 9072
 Ion Ratio Lower Upper
 278 100
 139 22.9 18.8 28.2
 279 27.3 21.4 32.0



#29
 Benzo(g,h,i)perylene
 Concen: 0.361 ng/ul
 RT: 26.936 min Scan# 5962
 Delta R.T. -0.012 min
 Lab File: BN020859.D
 Acq: 26 Jul 2022 13:14

Tgt Ion:276 Resp: 10476
 Ion Ratio Lower Upper
 276 100
 138 28.7 23.5 35.3
 277 25.0 20.1 30.1

