

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072522\
 Data File : BN020858.D
 Acq On : 26 Jul 2022 12:37
 Operator : CG/JU
 Sample : PB146405BS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS405

Quant Time: Jul 26 13:51:30 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

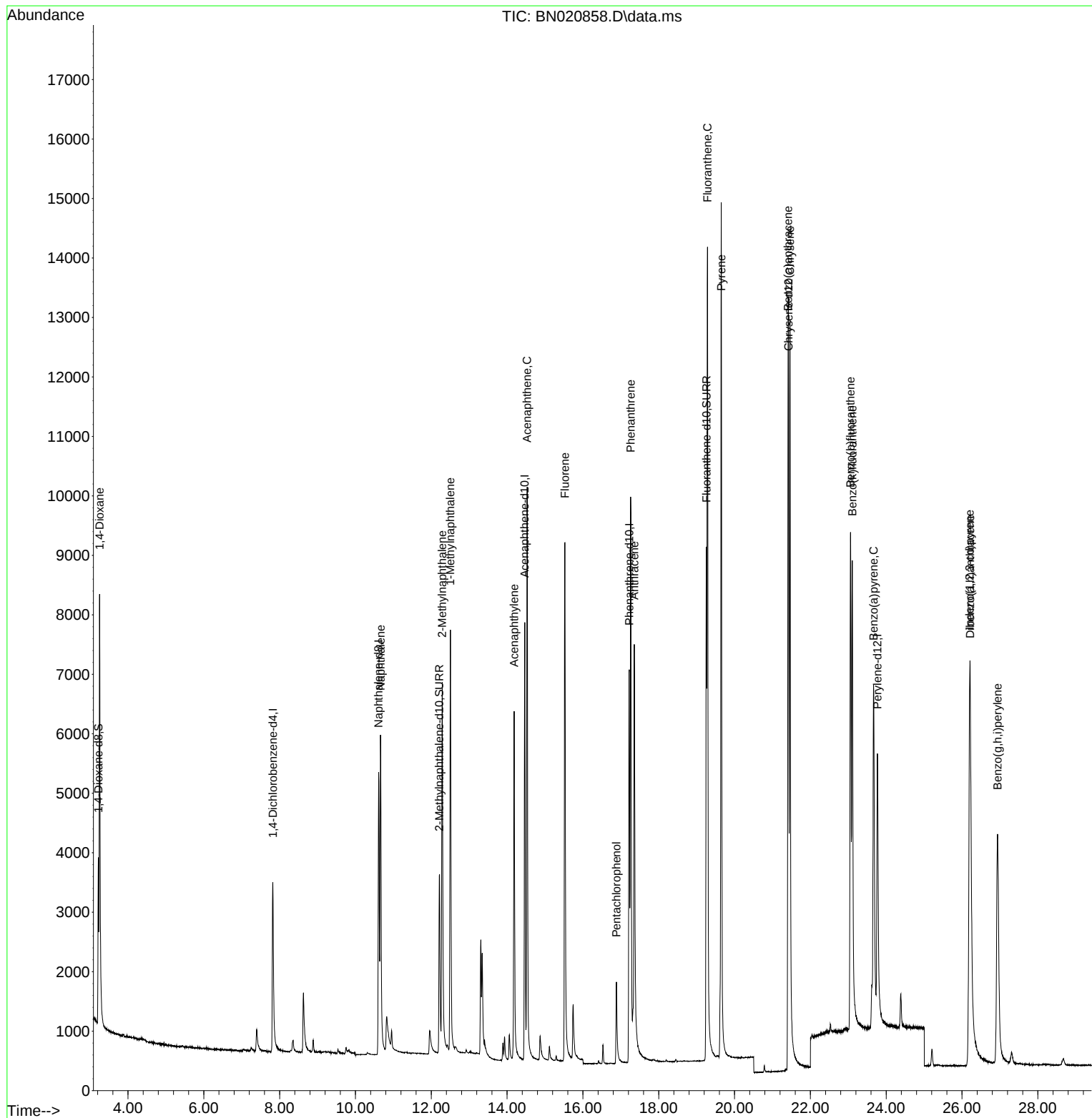
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.821	152	2176	0.400	ng/ul	0.00
4) Naphthalene-d8	10.612	136	7740	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.465	164	4556	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.221	188	9451	0.400	ng/ul	0.00
17) Chrysene-d12	21.425	240	8313	0.400	ng/ul	0.00
23) Perylene-d12	23.769	264	7049	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.218	96	1939	0.742	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.212	152	4866	0.414	ng/ul	0.00
18) Fluoranthene-d10	19.258	212	11059	0.416	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	4767	1.774	ng/ul#	80
5) Naphthalene	10.661	128	8613	0.355	ng/ul	99
7) 2-Methylnaphthalene	12.289	142	5507	0.359	ng/ul	99
8) 1-Methylnaphthalene	12.504	142	5723	0.385	ng/ul	99
10) Acenaphthylene	14.187	152	8052	0.355	ng/ul	100
11) Acenaphthene	14.530	153	6473	0.353	ng/ul	99
12) Fluorene	15.524	166	7258	0.361	ng/ul	99
14) Pentachlorophenol	16.884	266	1278	0.898	ng/ul	99
15) Phenanthrene	17.259	178	12083	0.349	ng/ul	99
16) Anthracene	17.356	178	10024	0.361	ng/ul	100
19) Fluoranthene	19.285	202	13761	0.353	ng/ul	99
20) Pyrene	19.648	202	14370	0.354	ng/ul	99
21) Benzo(a)anthracene	21.410	228	10307	0.375	ng/ul	100
22) Chrysene	21.463	228	12763	0.361	ng/ul	99
24) Benzo(b)fluoranthene	23.059	252	11780	0.353	ng/ul	98
25) Benzo(k)fluoranthene	23.105	252	12512	0.362	ng/ul	99
26) Benzo(a)pyrene	23.667	252	10938	0.355	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.203	276	11695	0.361	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.217	278	9126	0.369	ng/ul	99
29) Benzo(g,h,i)perylene	26.938	276	10305	0.353	ng/ul	100

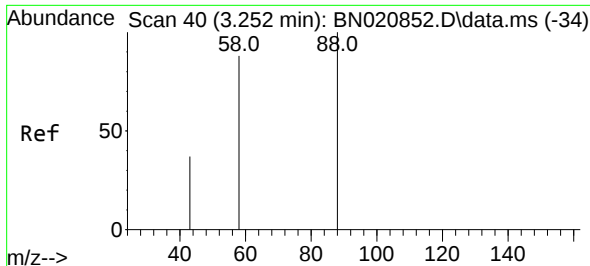
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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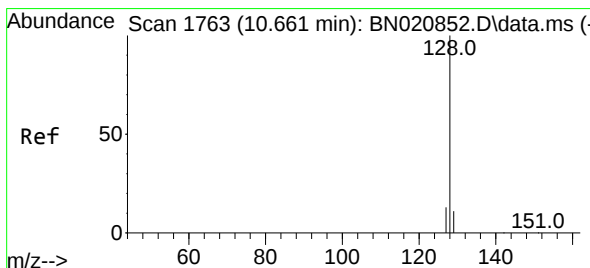
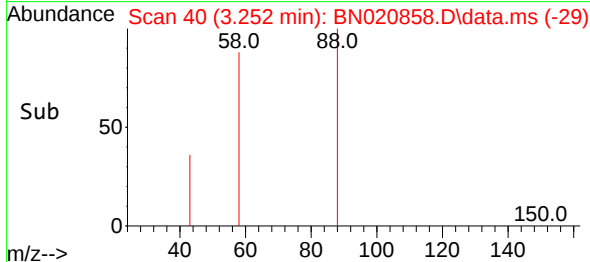
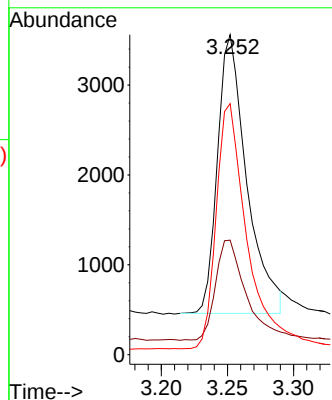
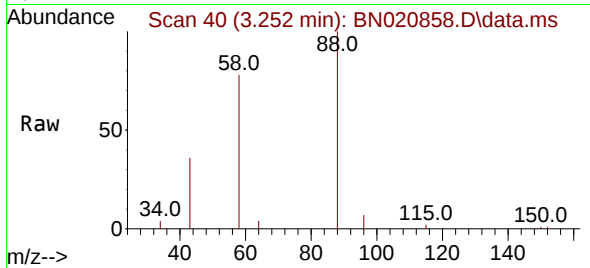




#2
 1,4-Dioxane
 Concen: 1.774 ng/ul
 RT: 3.252 min Scan# 40
 Delta R.T. -0.004 min
 Lab File: BN020858.D
 Acq: 26 Jul 2022 12:37

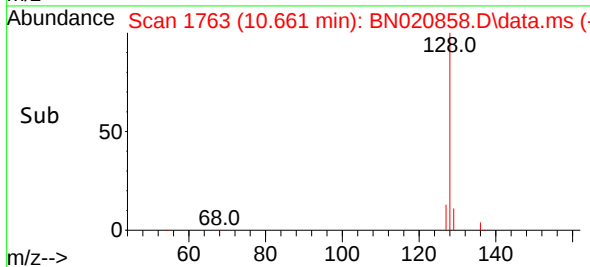
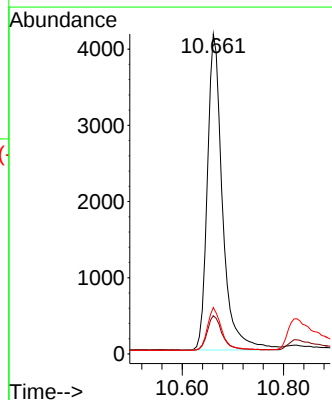
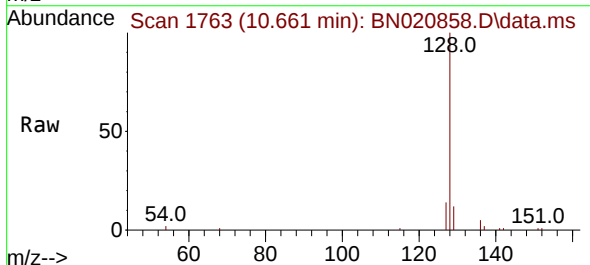
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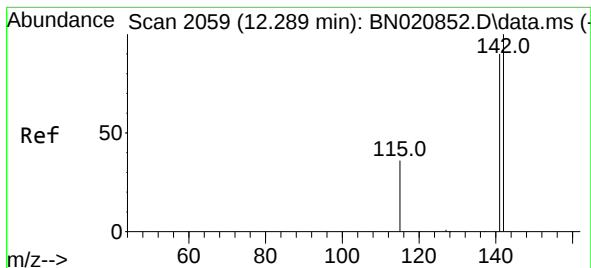
Tgt Ion: 88 Resp: 4767
 Ion Ratio Lower Upper
 88 100
 43 35.8 32.5 48.7
 58 78.4 46.2 69.2#



#5
 Naphthalene
 Concen: 0.355 ng/ul
 RT: 10.661 min Scan# 1763
 Delta R.T. -0.005 min
 Lab File: BN020858.D
 Acq: 26 Jul 2022 12:37

Tgt Ion: 128 Resp: 8613
 Ion Ratio Lower Upper
 128 100
 129 11.9 9.5 14.3
 127 14.5 11.3 16.9

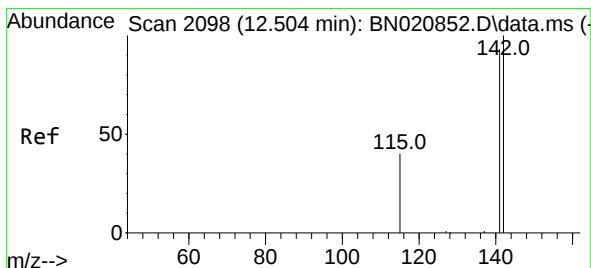
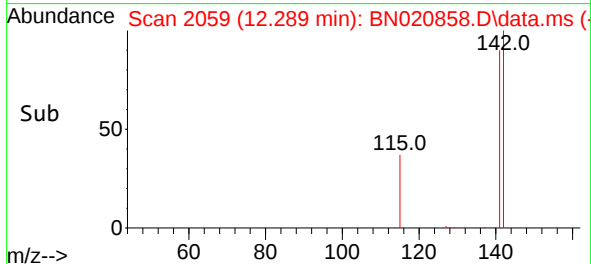
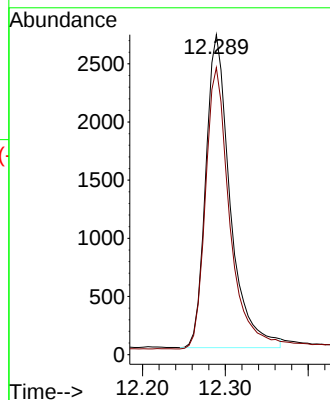
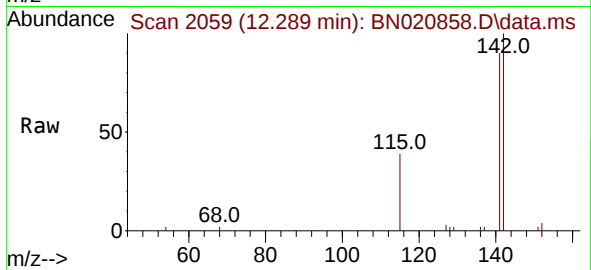




#7
2-Methylnaphthalene
Concen: 0.359 ng/ul
RT: 12.289 min Scan# 2059
Delta R.T. -0.005 min
Lab File: BN020858.D
Acq: 26 Jul 2022 12:37

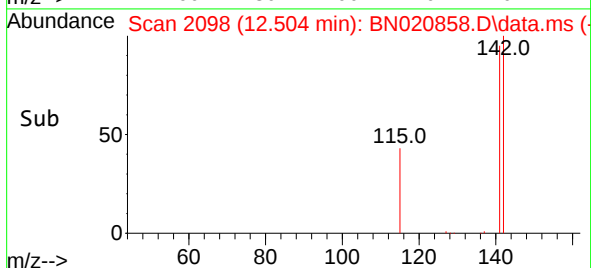
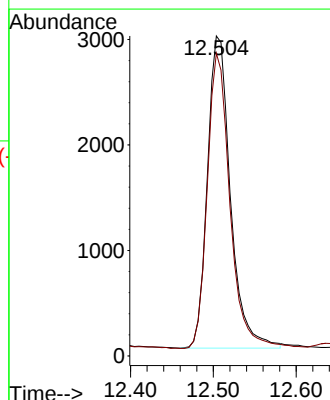
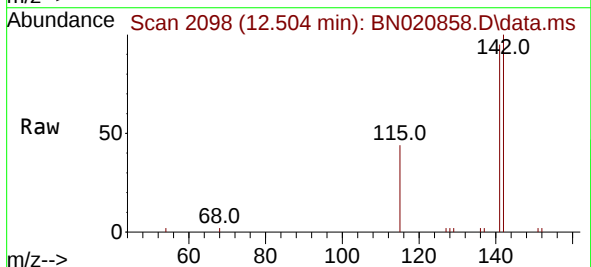
Instrument :
BNA_N
ClientSampleId :
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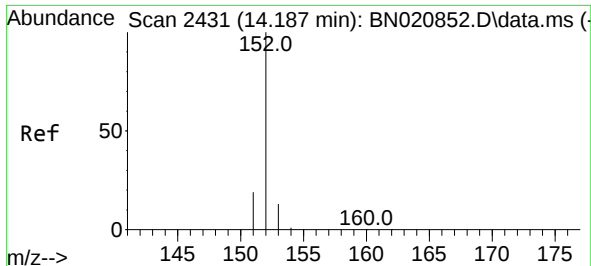
Tgt Ion:142 Resp: 5507
Ion Ratio Lower Upper
142 100
141 89.5 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.385 ng/ul
RT: 12.504 min Scan# 2098
Delta R.T. -0.005 min
Lab File: BN020858.D
Acq: 26 Jul 2022 12:37

Tgt Ion:142 Resp: 5723
Ion Ratio Lower Upper
142 100
141 92.8 73.7 110.5

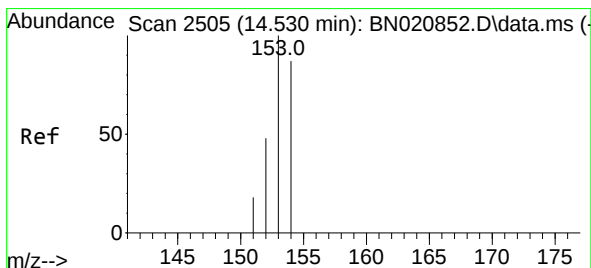
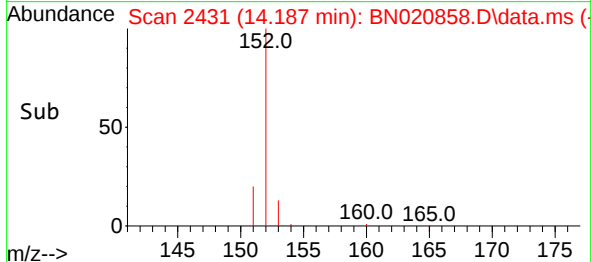
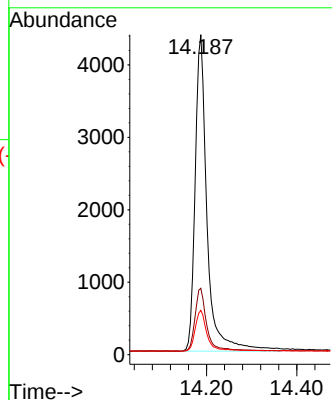
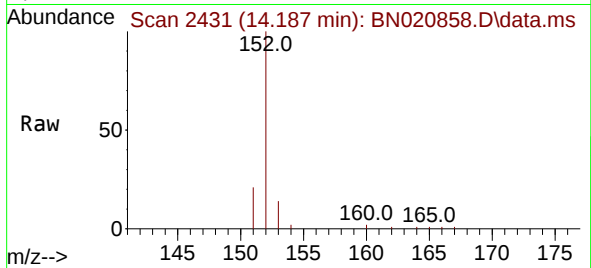




#10
Acenaphthylene
Concen: 0.355 ng/ul
RT: 14.187 min Scan# 2431
Delta R.T. 0.000 min
Lab File: BN020858.D
Acq: 26 Jul 2022 12:37

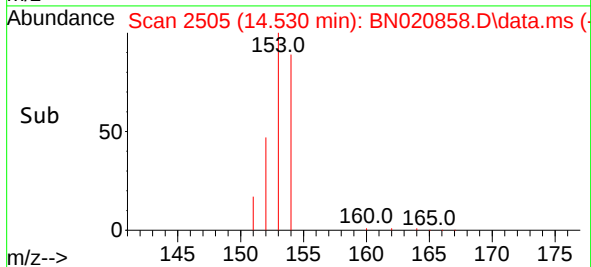
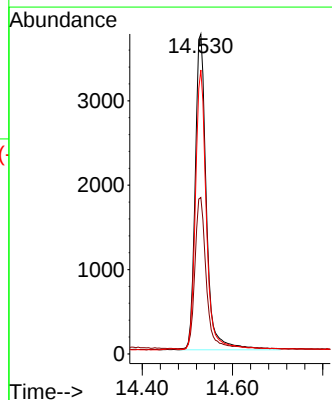
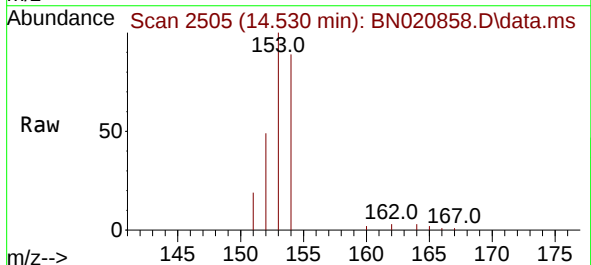
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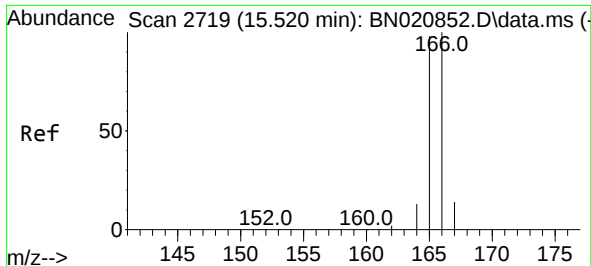
Tgt Ion:152 Resp: 8052
Ion Ratio Lower Upper
152 100
151 20.8 16.5 24.7
153 13.9 11.1 16.7



#11
Acenaphthene
Concen: 0.353 ng/ul
RT: 14.530 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BN020858.D
Acq: 26 Jul 2022 12:37

Tgt Ion:153 Resp: 6473
Ion Ratio Lower Upper
153 100
152 48.9 40.0 60.0
154 88.7 70.0 105.0

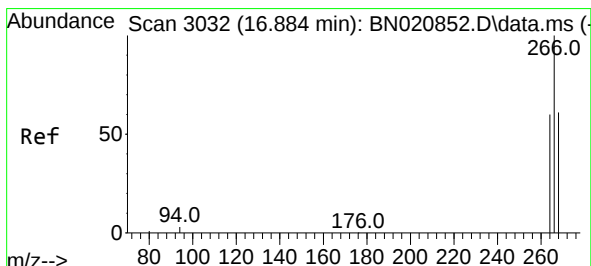
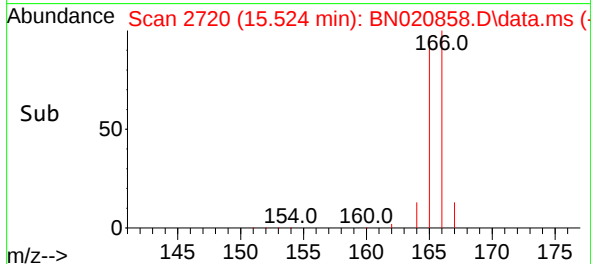
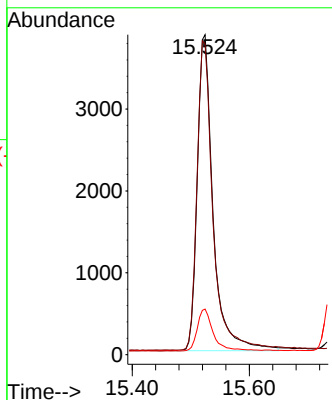
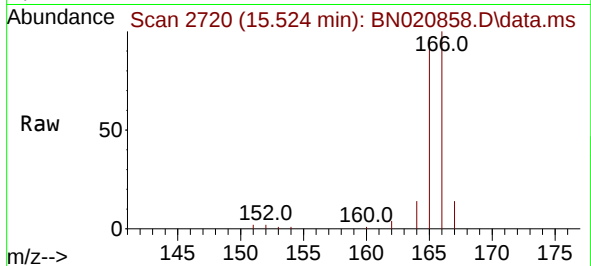




#12
Fluorene
Concen: 0.361 ng/ul
RT: 15.524 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN020858.D
Acq: 26 Jul 2022 12:37

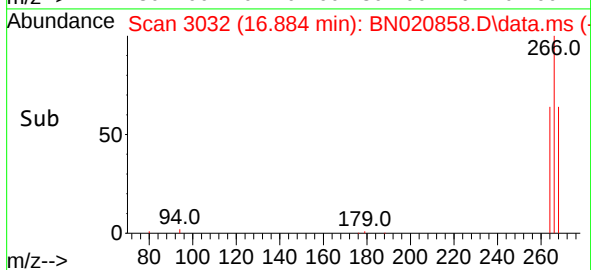
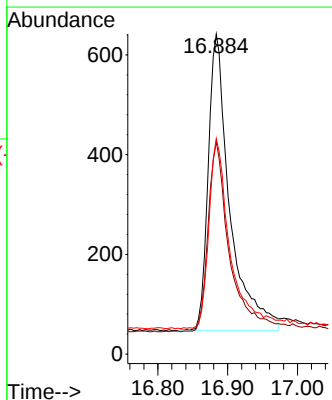
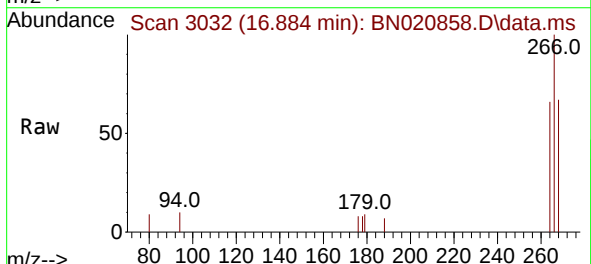
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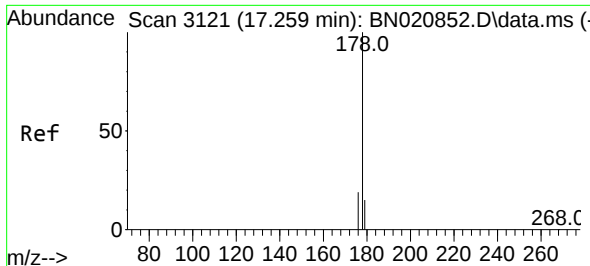
Tgt Ion:166 Resp: 7258
Ion Ratio Lower Upper
166 100
165 97.1 78.2 117.2
167 14.3 11.3 16.9



#14
Pentachlorophenol
Concen: 0.898 ng/ul
RT: 16.884 min Scan# 3032
Delta R.T. -0.008 min
Lab File: BN020858.D
Acq: 26 Jul 2022 12:37

Tgt Ion:266 Resp: 1278
Ion Ratio Lower Upper
266 100
264 63.8 51.6 77.4
268 63.4 51.5 77.3

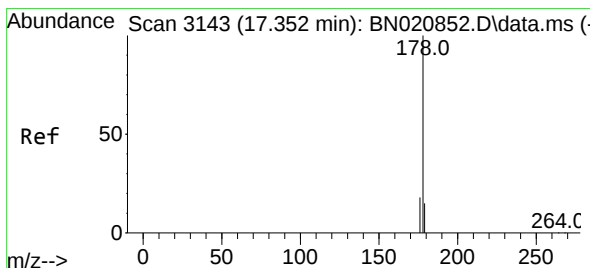
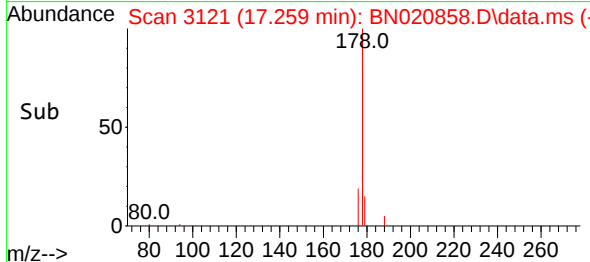
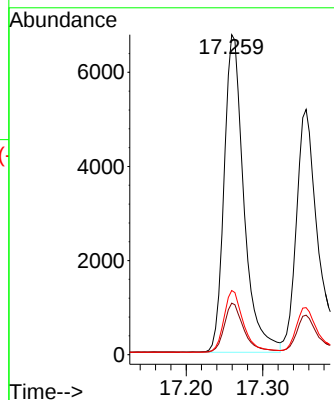
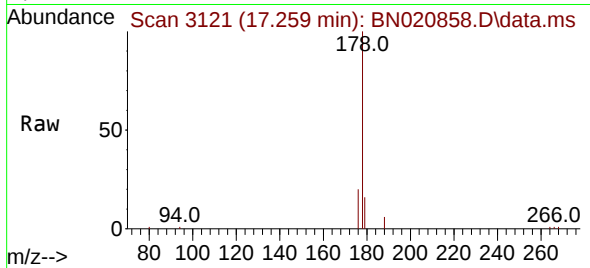




#15
Phenanthrene
Concen: 0.349 ng/ul
RT: 17.259 min Scan# 3121
Delta R.T. -0.004 min
Lab File: BN020858.D
Acq: 26 Jul 2022 12:37

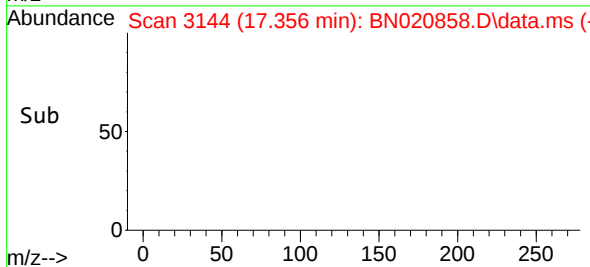
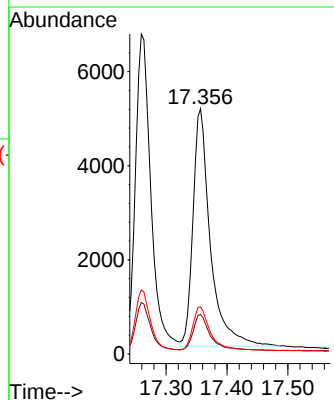
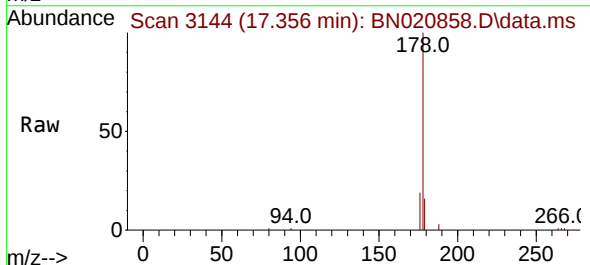
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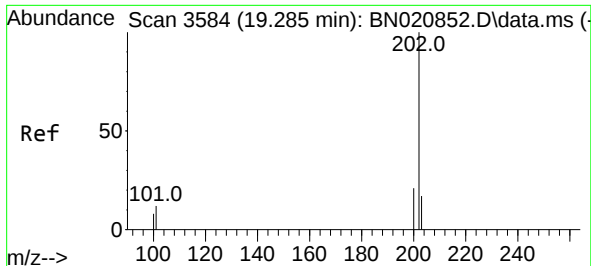
Tgt Ion:178	Resp:	12083
Ion Ratio	Lower	Upper
178	100	
179	16.1	12.6 18.8
176	20.0	15.8 23.6



#16
Anthracene
Concen: 0.361 ng/ul
RT: 17.356 min Scan# 3144
Delta R.T. 0.000 min
Lab File: BN020858.D
Acq: 26 Jul 2022 12:37

Tgt Ion:178	Resp:	10024
Ion Ratio	Lower	Upper
178	100	
179	16.1	12.8 19.2
176	19.2	15.2 22.8

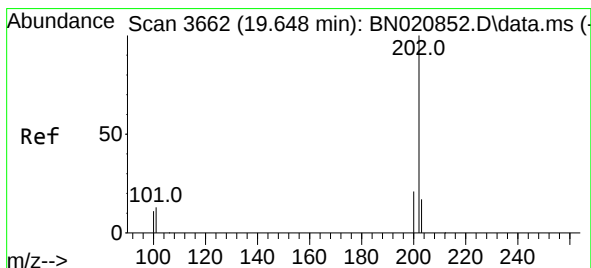
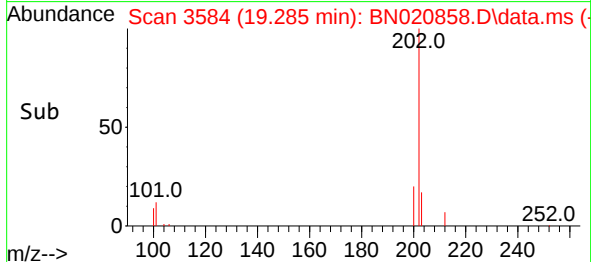
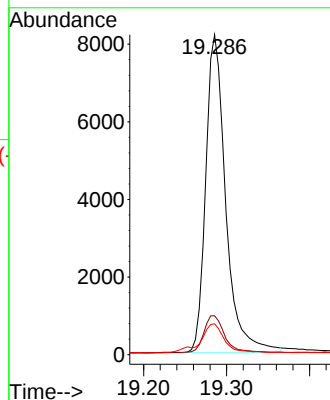
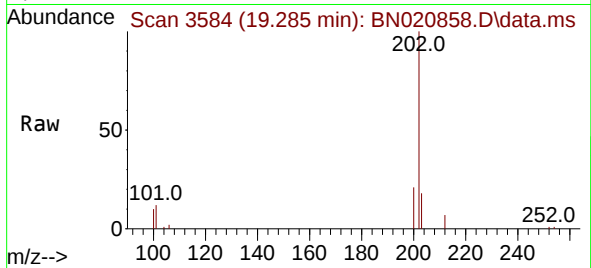




#19
Fluoranthene
Concen: 0.353 ng/ul
RT: 19.285 min Scan# 3584
Delta R.T. -0.005 min
Lab File: BN020858.D
Acq: 26 Jul 2022 12:37

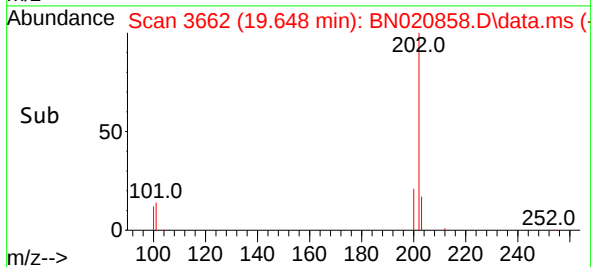
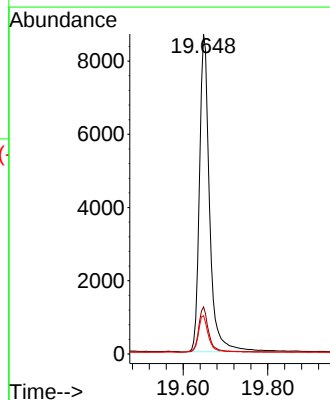
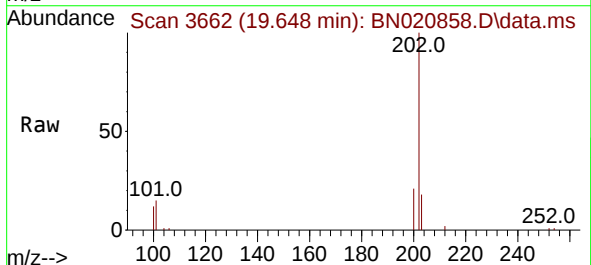
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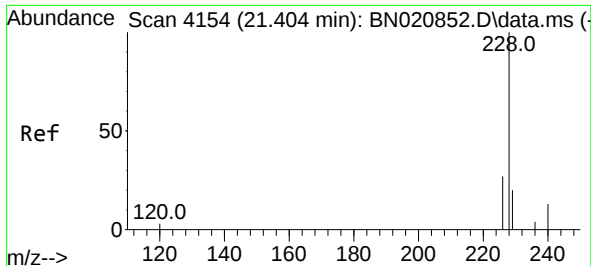
Tgt Ion:202 Resp: 13761
Ion Ratio Lower Upper
202 100
101 12.2 10.3 15.5
100 9.7 7.8 11.6



#20
Pyrene
Concen: 0.354 ng/ul
RT: 19.648 min Scan# 3662
Delta R.T. -0.005 min
Lab File: BN020858.D
Acq: 26 Jul 2022 12:37

Tgt Ion:202 Resp: 14370
Ion Ratio Lower Upper
202 100
101 14.7 11.6 17.4
100 12.0 9.2 13.8

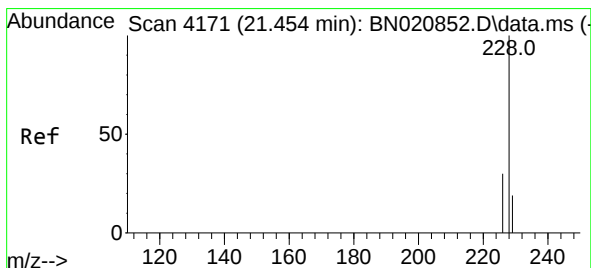
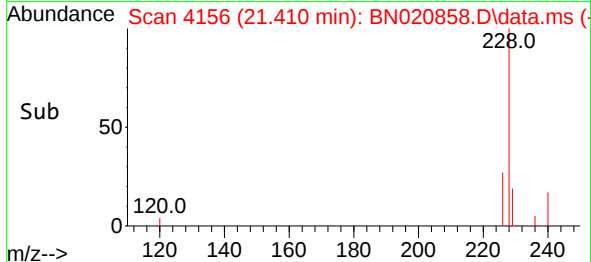
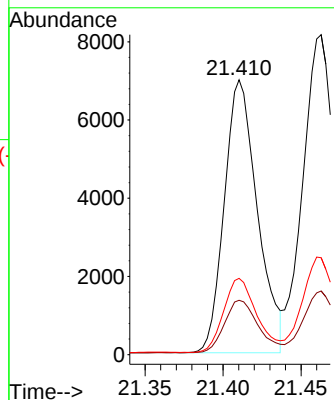
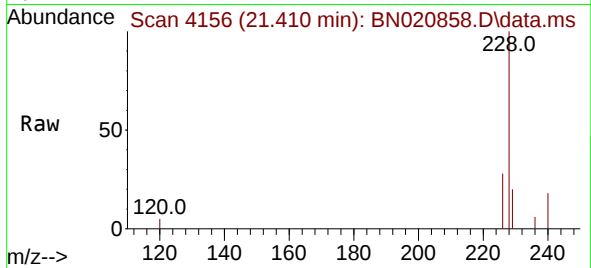




#21
Benzo(a)anthracene
Concen: 0.375 ng/ul
RT: 21.410 min Scan# 4154
Delta R.T. -0.006 min
Lab File: BN020858.D
Acq: 26 Jul 2022 12:37

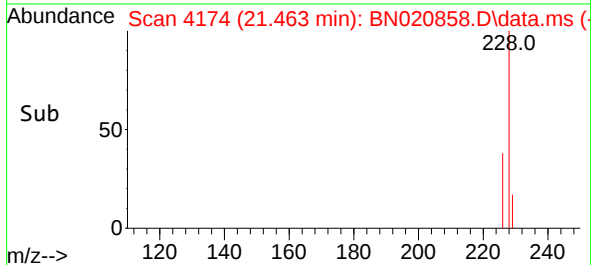
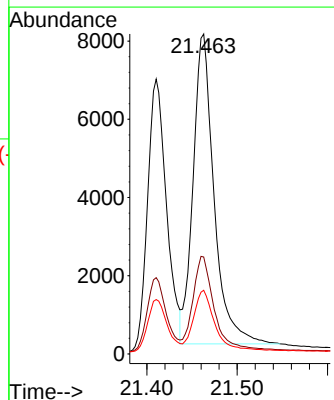
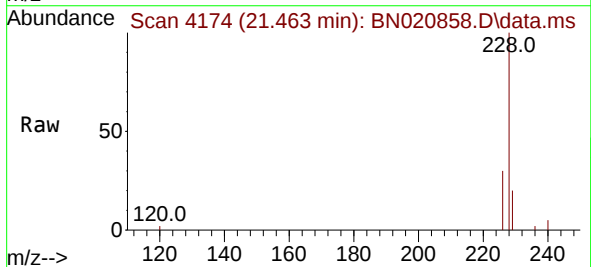
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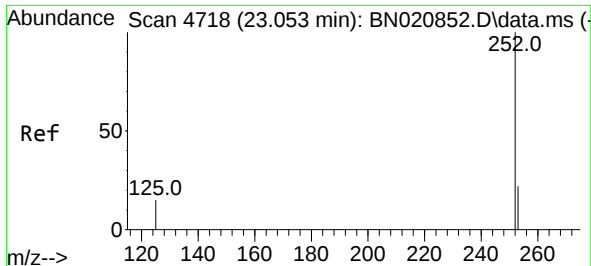
Tgt Ion:228 Resp: 10307
Ion Ratio Lower Upper
228 100
229 19.8 15.9 23.9
226 27.8 22.2 33.2



#22
Chrysene
Concen: 0.361 ng/ul
RT: 21.463 min Scan# 4174
Delta R.T. -0.003 min
Lab File: BN020858.D
Acq: 26 Jul 2022 12:37

Tgt Ion:228 Resp: 12763
Ion Ratio Lower Upper
228 100
226 30.3 23.9 35.9
229 19.9 15.8 23.8

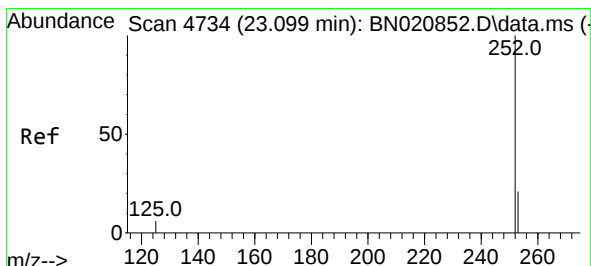
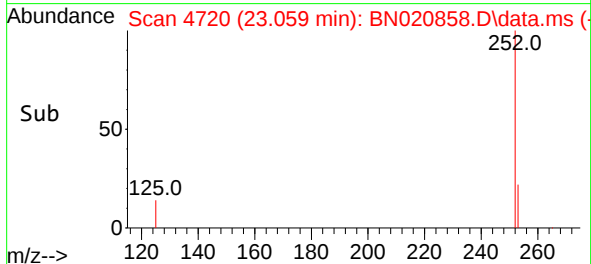
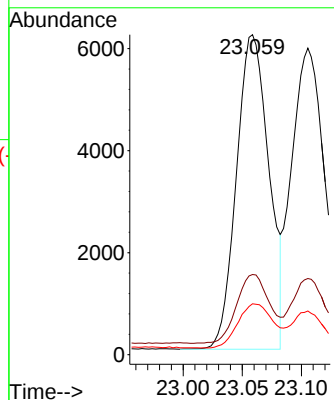
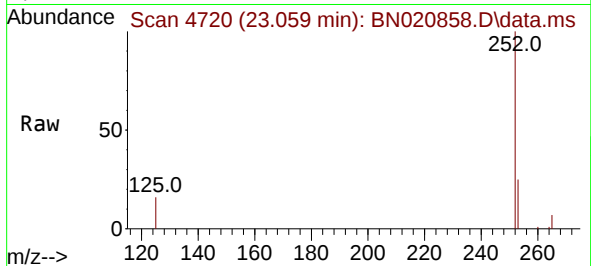




#24
Benzo(b)fluoranthene
Concen: 0.353 ng/ul
RT: 23.059 min Scan# 4718
Delta R.T. -0.006 min
Lab File: BN020858.D
Acq: 26 Jul 2022 12:37

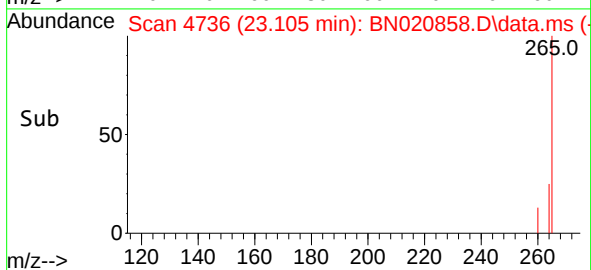
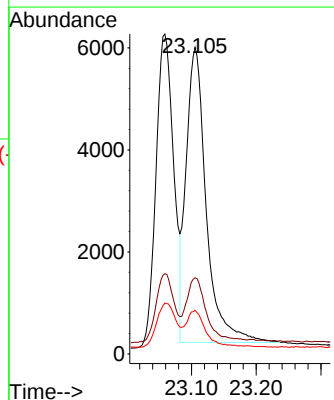
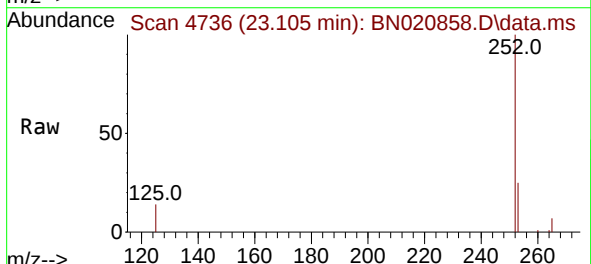
Instrument :
BNA_N
ClientSampleId :
SLCS405

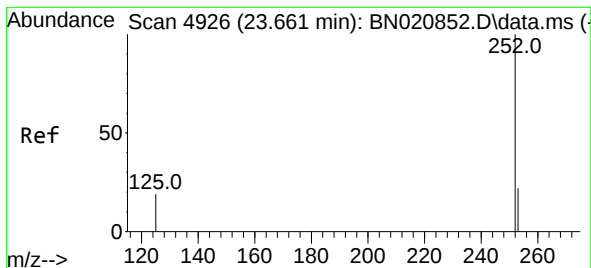
Tgt Ion:252 Resp: 11780
Ion Ratio Lower Upper
252 100
253 25.0 0.0 48.6
125 15.9 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.362 ng/ul
RT: 23.105 min Scan# 4736
Delta R.T. -0.003 min
Lab File: BN020858.D
Acq: 26 Jul 2022 12:37

Tgt Ion:252 Resp: 12512
Ion Ratio Lower Upper
252 100
253 24.8 19.7 29.5
125 14.3 12.0 18.0





#26

Benzo(a)pyrene

Concen: 0.355 ng/ul

RT: 23.667 min Scan# 4928

Delta R.T. -0.009 min

Lab File: BN020858.D

Acq: 26 Jul 2022 12:37

Instrument :

BNA_N

ClientSampleId :

SLCS405

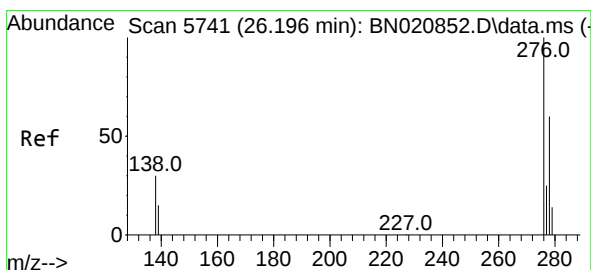
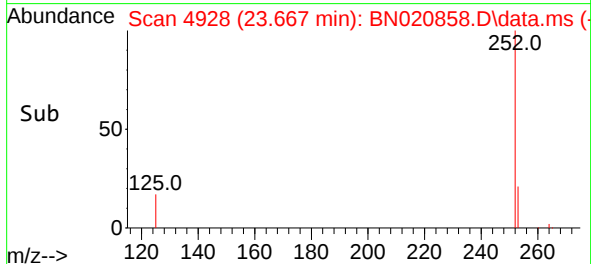
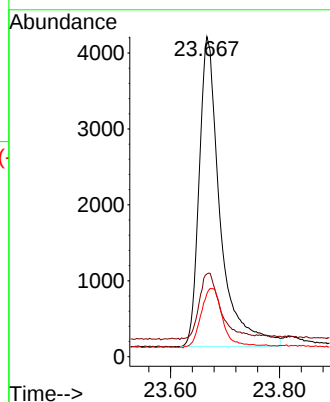
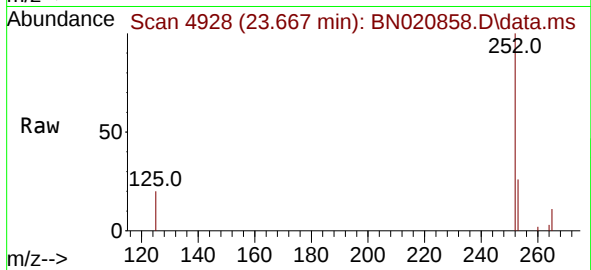
Tgt Ion:252 Resp: 10938

Ion Ratio Lower Upper

252 100

253 25.9 21.0 31.4

125 19.7 18.8 28.2



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.361 ng/ul

RT: 26.203 min Scan# 5743

Delta R.T. -0.007 min

Lab File: BN020858.D

Acq: 26 Jul 2022 12:37

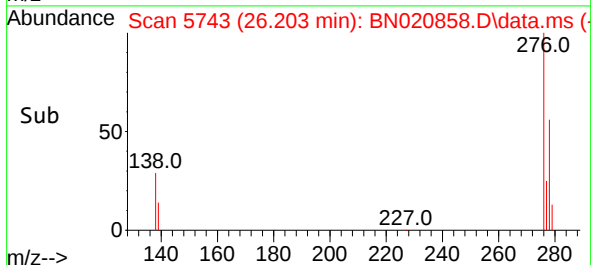
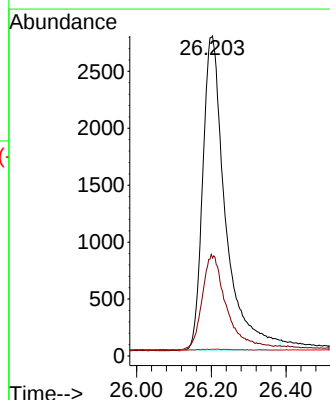
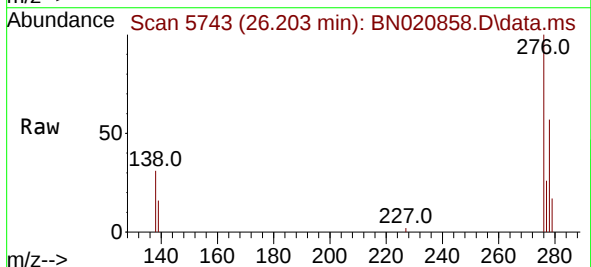
Tgt Ion:276 Resp: 11695

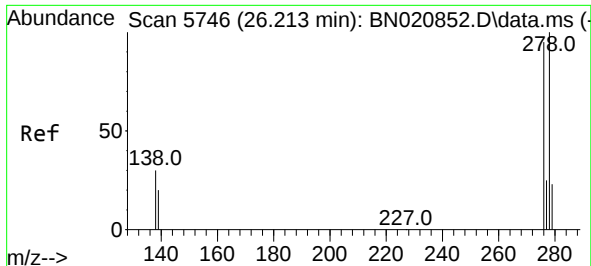
Ion Ratio Lower Upper

276 100

138 33.1 27.4 41.2

227 0.0 0.2 0.2

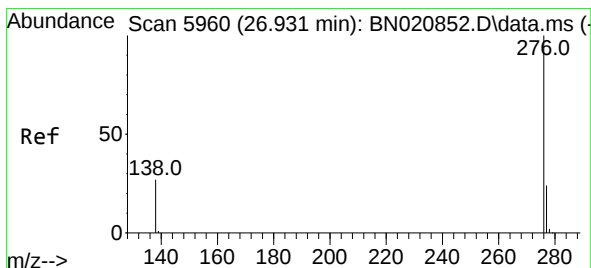
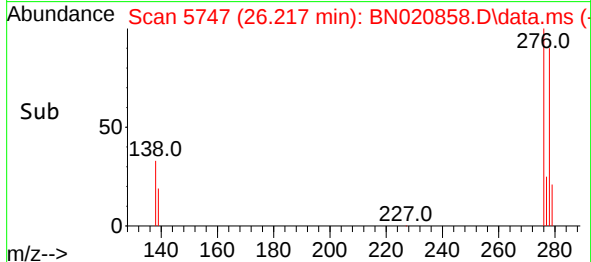
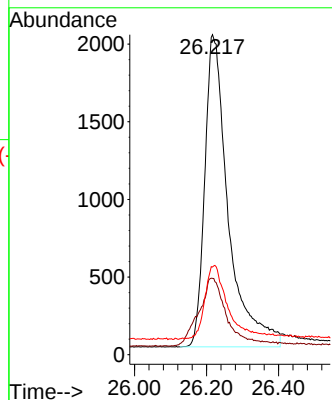
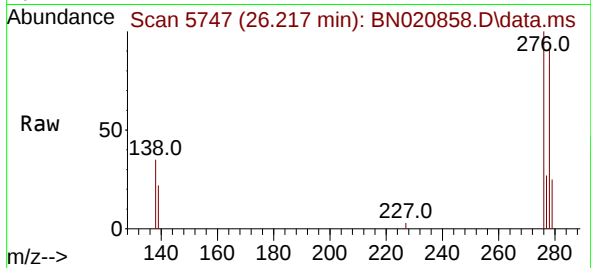




#28
Dibenzo(a,h)anthracene
Concen: 0.369 ng/ul
RT: 26.217 min Scan# 51
Delta R.T. -0.013 min
Lab File: BN020858.D
Acq: 26 Jul 2022 12:37

Instrument :
BNA_N
ClientSampleId :
SLCS405

Tgt Ion:278 Resp: 9126
Ion Ratio Lower Upper
278 100
139 23.8 18.8 28.2
279 27.4 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.353 ng/ul
RT: 26.938 min Scan# 5962
Delta R.T. -0.010 min
Lab File: BN020858.D
Acq: 26 Jul 2022 12:37

Tgt Ion:276 Resp: 10305
Ion Ratio Lower Upper
276 100
138 29.1 23.5 35.3
277 25.2 20.1 30.1

