

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072522\
 Data File : BN020860.D
 Acq On : 26 Jul 2022 13:51
 Operator : CG/JU
 Sample : PB146371BS
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS371

Quant Time: Jul 26 15:14:47 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)

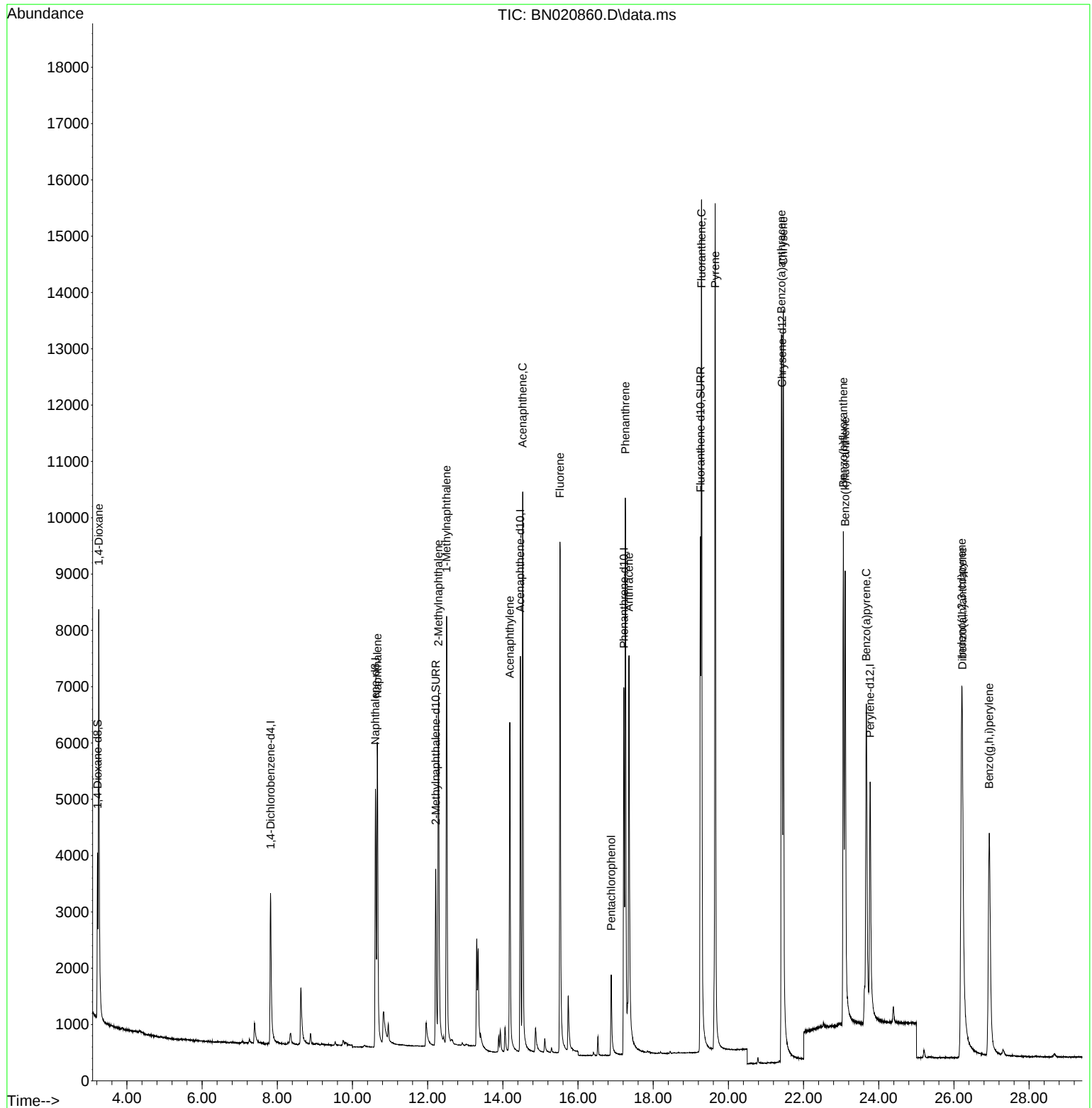
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.821	152	2046	0.400	ng/ul	0.00
4) Naphthalene-d8	10.612	136	7352	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.465	164	4325	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.221	188	9115	0.400	ng/ul	0.00
17) Chrysene-d12	21.426	240	8044	0.400	ng/ul	0.00
23) Perylene-d12	23.770	264	6616	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.218	96	2056	0.836	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.218	152	5061	0.453	ng/ul	0.00
18) Fluoranthene-d10	19.258	212	11865	0.462	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	4913	1.945	ng/ul#	81
5) Naphthalene	10.661	128	8818	0.383	ng/ul	100
7) 2-Methylnaphthalene	12.289	142	5654	0.388	ng/ul	99
8) 1-Methylnaphthalene	12.504	142	6015	0.426	ng/ul	100
10) Acenaphthylene	14.187	152	8255	0.384	ng/ul	99
11) Acenaphthene	14.530	153	6591	0.379	ng/ul	99
12) Fluorene	15.520	166	7426	0.389	ng/ul	99
14) Pentachlorophenol	16.884	266	1308	0.953	ng/ul	98
15) Phenanthrene	17.259	178	12467	0.373	ng/ul	100
16) Anthracene	17.356	178	10350	0.387	ng/ul	100
19) Fluoranthene	19.286	202	14585	0.387	ng/ul	99
20) Pyrene	19.648	202	14971	0.381	ng/ul	99
21) Benzo(a)anthracene	21.412	228	10751	0.405	ng/ul	100
22) Chrysene	21.461	228	13330	0.390	ng/ul	100
24) Benzo(b)fluoranthene	23.060	252	12096	0.386	ng/ul	98
25) Benzo(k)fluoranthene	23.107	252	12774	0.394	ng/ul	99
26) Benzo(a)pyrene	23.668	252	11023	0.381	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.205	276	11720	0.385	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.225	278	9147	0.394	ng/ul	99
29) Benzo(g,h,i)perylene	26.939	276	10611	0.387	ng/ul	99

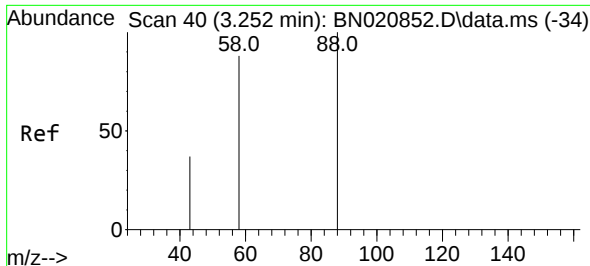
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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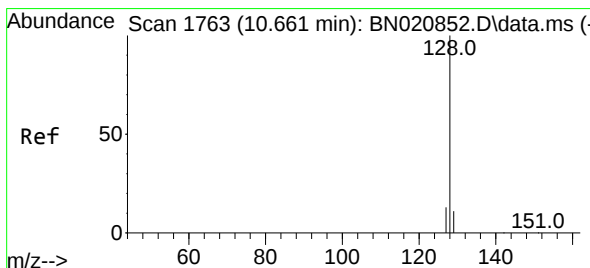
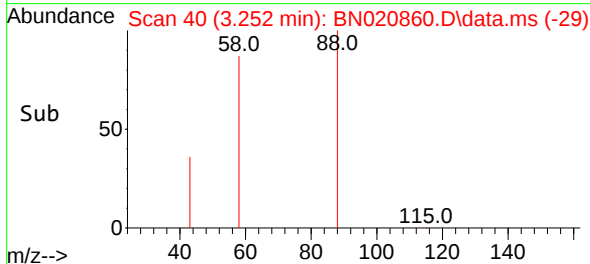
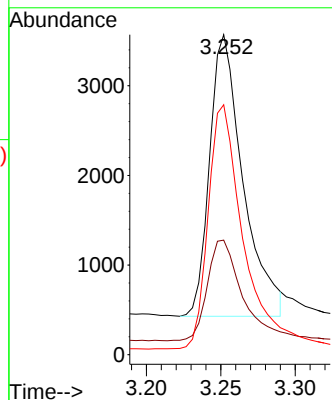
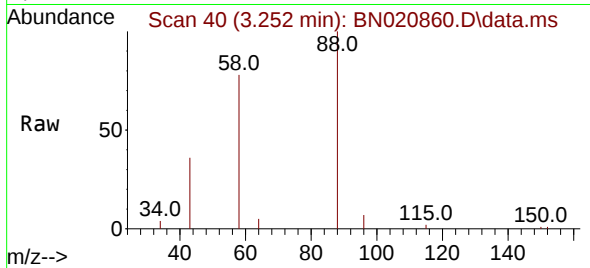




#2
 1,4-Dioxane
 Concen: 1.945 ng/ul
 RT: 3.252 min Scan# 40
 Delta R.T. -0.004 min
 Lab File: BN020860.D
 Acq: 26 Jul 2022 13:51

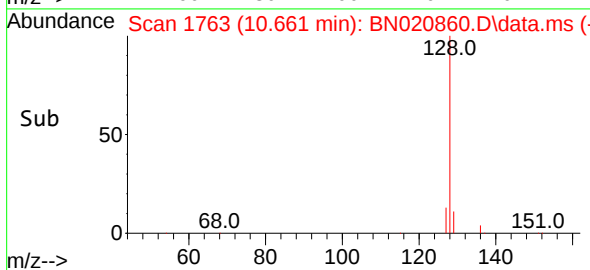
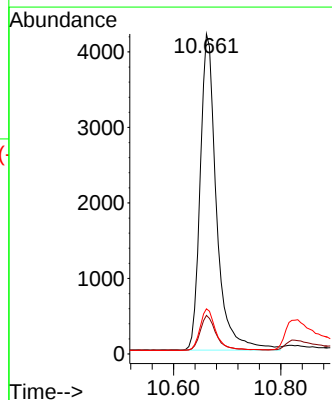
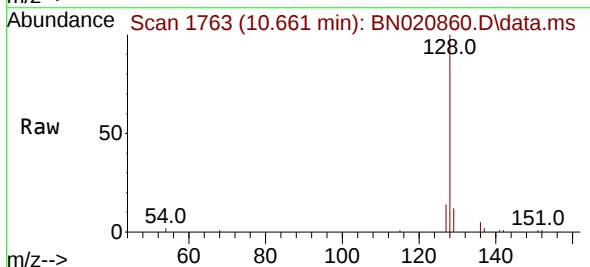
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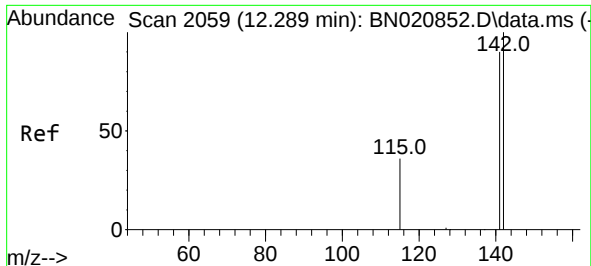
Tgt Ion: 88 Resp: 4913
 Ion Ratio Lower Upper
 88 100
 43 35.8 32.5 48.7
 58 78.1 46.2 69.2#



#5
 Naphthalene
 Concen: 0.383 ng/ul
 RT: 10.661 min Scan# 1763
 Delta R.T. -0.005 min
 Lab File: BN020860.D
 Acq: 26 Jul 2022 13:51

Tgt Ion: 128 Resp: 8818
 Ion Ratio Lower Upper
 128 100
 129 12.0 9.5 14.3
 127 14.1 11.3 16.9

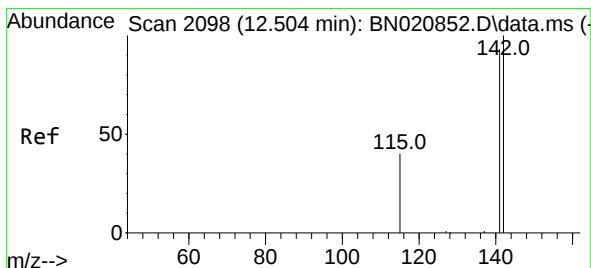
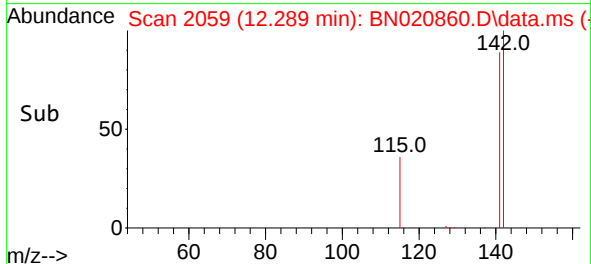
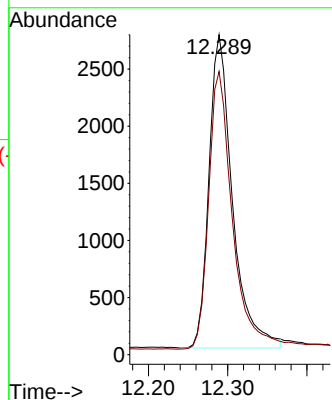
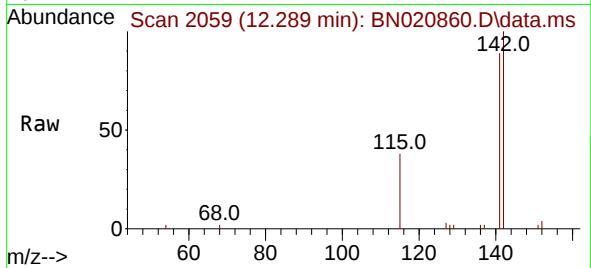




#7
2-Methylnaphthalene
Concen: 0.388 ng/ul
RT: 12.289 min Scan# 2059
Delta R.T. -0.005 min
Lab File: BN020860.D
Acq: 26 Jul 2022 13:51

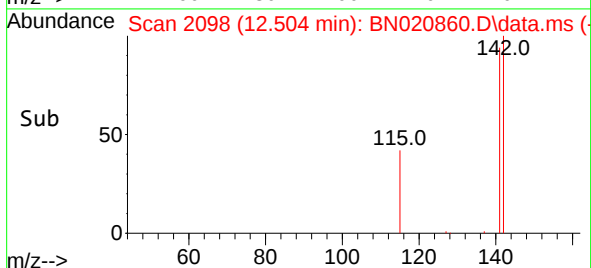
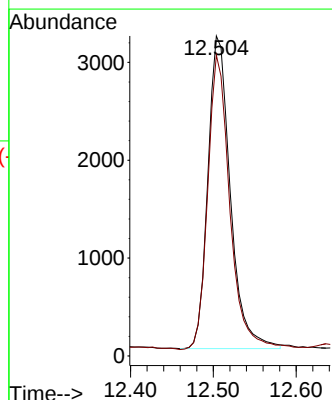
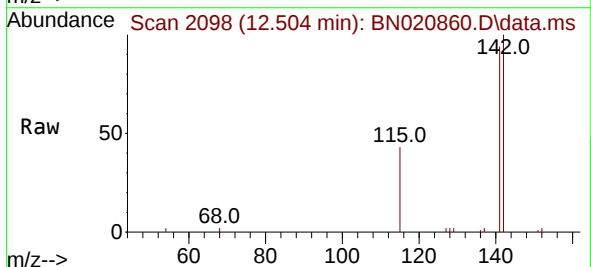
Instrument :
BNA_N
ClientSampleId :
SLCS371

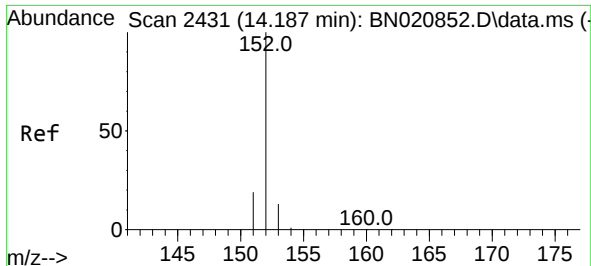
Tgt Ion:142 Resp: 5654
Ion Ratio Lower Upper
142 100
141 89.6 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.426 ng/ul
RT: 12.504 min Scan# 2098
Delta R.T. -0.005 min
Lab File: BN020860.D
Acq: 26 Jul 2022 13:51

Tgt Ion:142 Resp: 6015
Ion Ratio Lower Upper
142 100
141 92.4 73.7 110.5

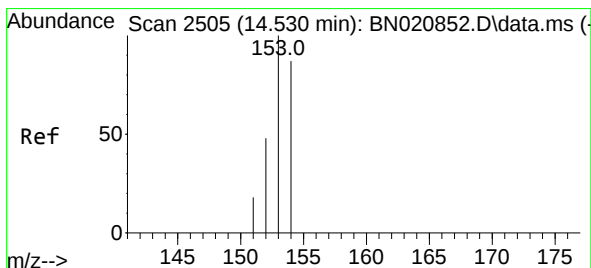
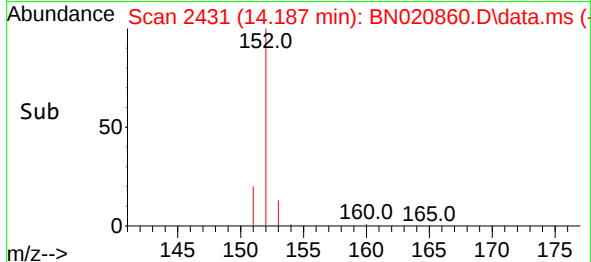
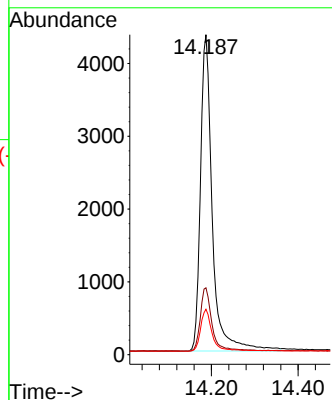
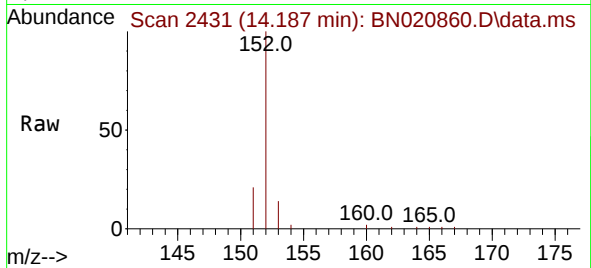




#10
Acenaphthylene
Concen: 0.384 ng/ul
RT: 14.187 min Scan# 2431
Delta R.T. 0.000 min
Lab File: BN020860.D
Acq: 26 Jul 2022 13:51

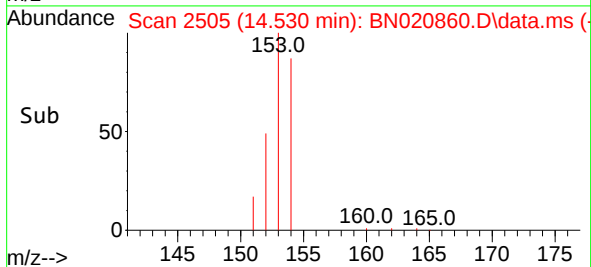
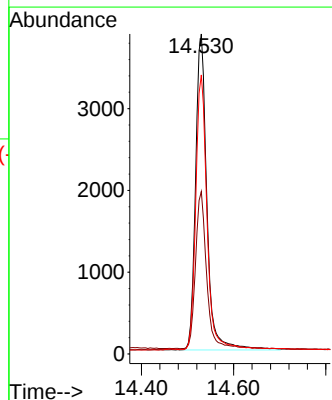
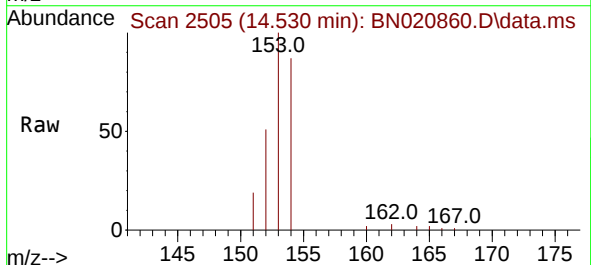
Instrument :
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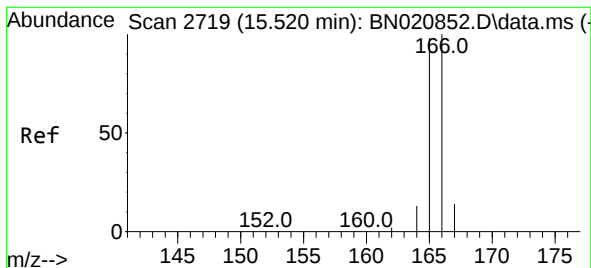
Tgt Ion:152 Resp: 8255
Ion Ratio Lower Upper
152 100
151 20.9 16.5 24.7
153 14.2 11.1 16.7



#11
Acenaphthene
Concen: 0.379 ng/ul
RT: 14.530 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BN020860.D
Acq: 26 Jul 2022 13:51

Tgt Ion:153 Resp: 6591
Ion Ratio Lower Upper
153 100
152 50.8 40.0 60.0
154 87.2 70.0 105.0





#12

Fluorene

Concen: 0.389 ng/ul

RT: 15.520 min Scan# 2719

Delta R.T. -0.004 min

Lab File: BN020860.D

Acq: 26 Jul 2022 13:51

Instrument :

BNA_N

ClientSampleId :

SLCS371

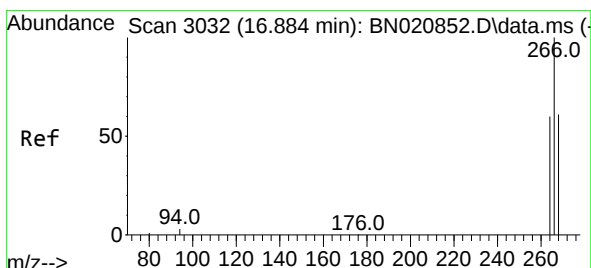
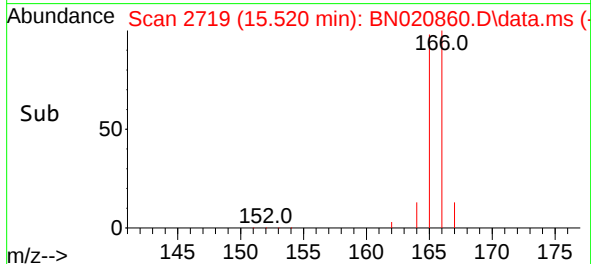
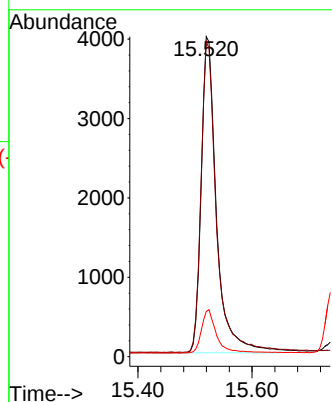
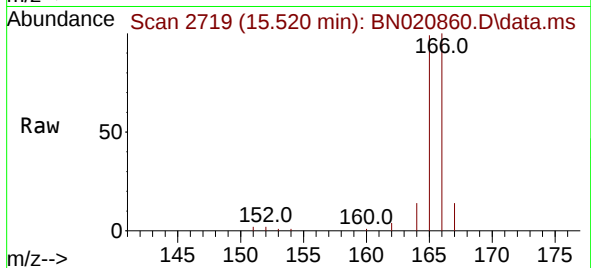
Tgt Ion:166 Resp: 7426

Ion Ratio Lower Upper

166 100

165 98.5 78.2 117.2

167 14.1 11.3 16.9



#14

Pentachlorophenol

Concen: 0.953 ng/ul

RT: 16.884 min Scan# 3032

Delta R.T. -0.008 min

Lab File: BN020860.D

Acq: 26 Jul 2022 13:51

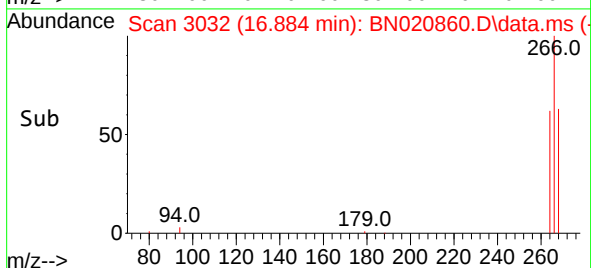
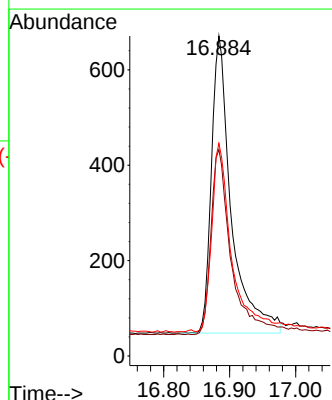
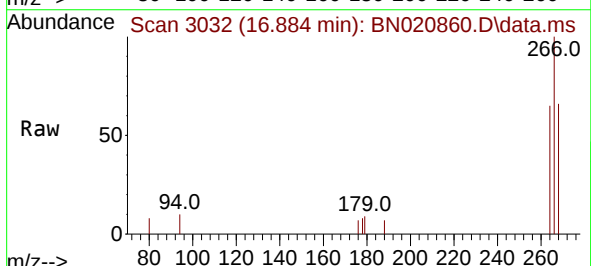
Tgt Ion:266 Resp: 1308

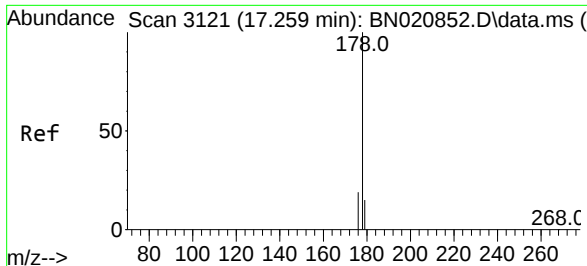
Ion Ratio Lower Upper

266 100

264 62.7 51.6 77.4

268 63.1 51.5 77.3

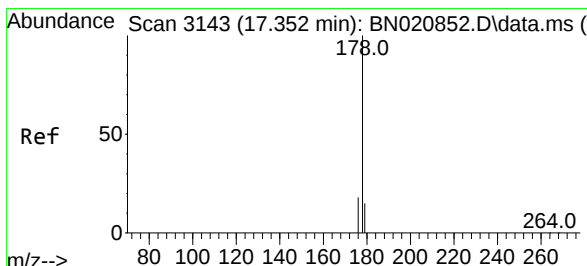
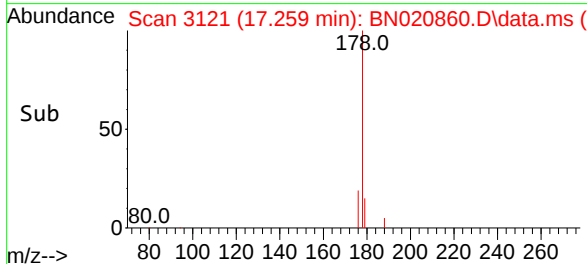
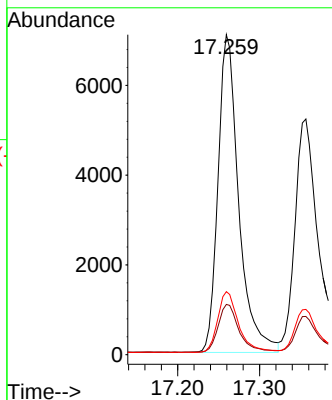
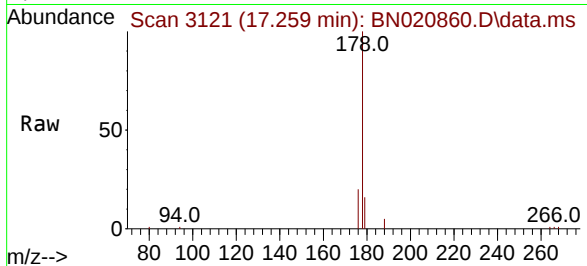




#15
Phenanthrene
Concen: 0.373 ng/ul
RT: 17.259 min Scan# 3121
Delta R.T. -0.004 min
Lab File: BN020860.D
Acq: 26 Jul 2022 13:51

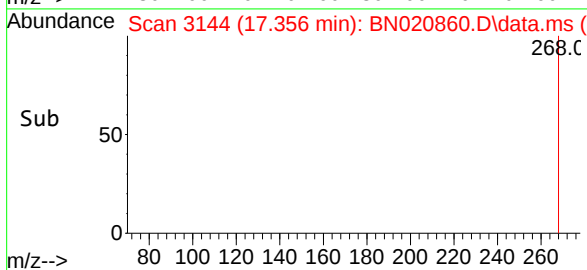
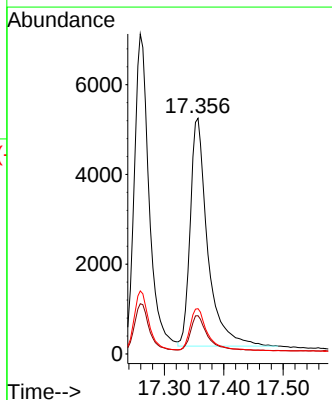
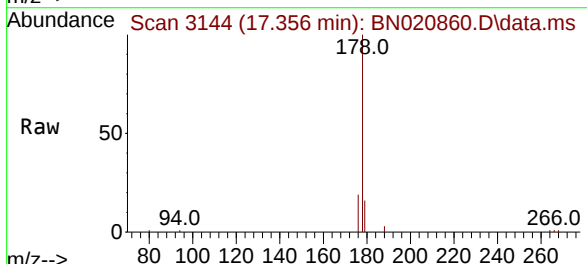
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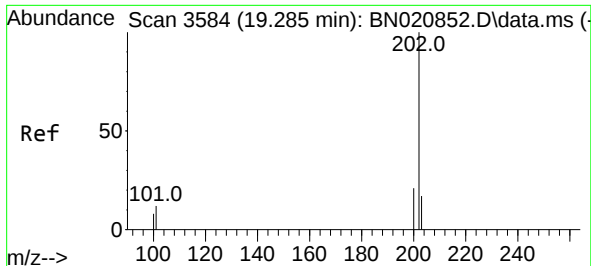
Tgt Ion:178	Resp:	12467
Ion Ratio	Lower	Upper
178	100	
179	15.7	12.6 18.8
176	19.7	15.8 23.6



#16
Anthracene
Concen: 0.387 ng/ul
RT: 17.356 min Scan# 3144
Delta R.T. 0.000 min
Lab File: BN020860.D
Acq: 26 Jul 2022 13:51

Tgt Ion:178	Resp:	10350
Ion Ratio	Lower	Upper
178	100	
179	16.2	12.8 19.2
176	19.2	15.2 22.8

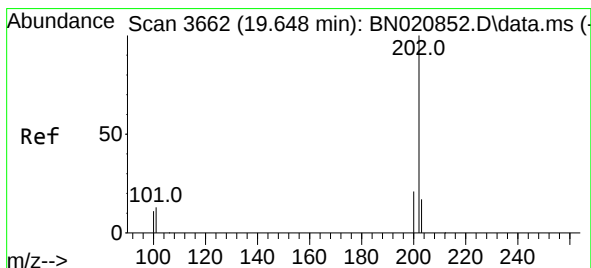
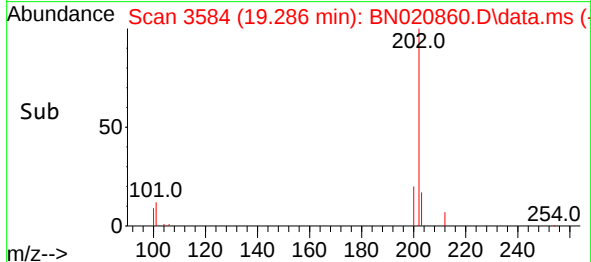
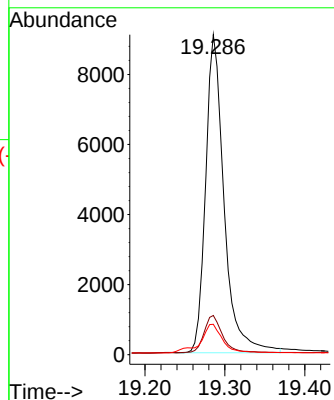
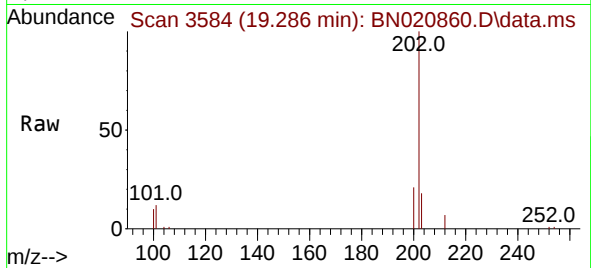




#19
Fluoranthene
Concen: 0.387 ng/ul
RT: 19.286 min Scan# 3584
Delta R.T. -0.004 min
Lab File: BN020860.D
Acq: 26 Jul 2022 13:51

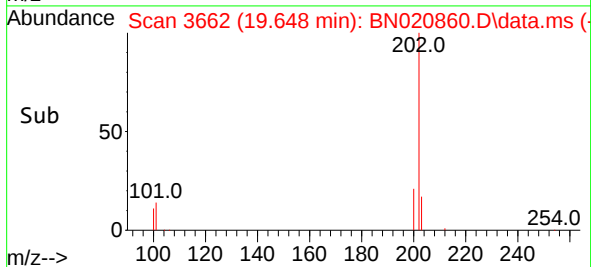
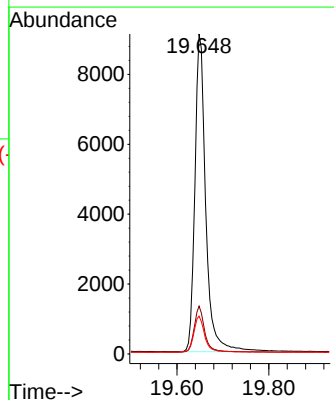
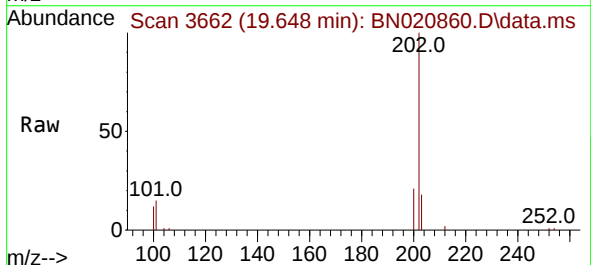
Instrument :
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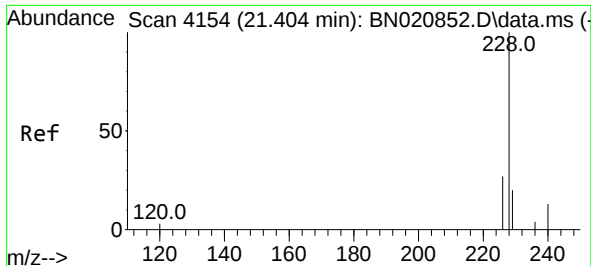
Tgt Ion:202 Resp: 14585
Ion Ratio Lower Upper
202 100
101 12.2 10.3 15.5
100 9.5 7.8 11.6



#20
Pyrene
Concen: 0.381 ng/ul
RT: 19.648 min Scan# 3662
Delta R.T. -0.004 min
Lab File: BN020860.D
Acq: 26 Jul 2022 13:51

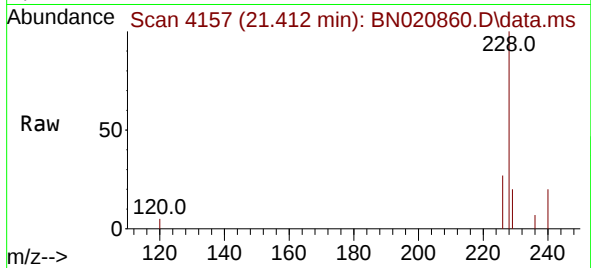
Tgt Ion:202 Resp: 14971
Ion Ratio Lower Upper
202 100
101 14.9 11.6 17.4
100 11.8 9.2 13.8



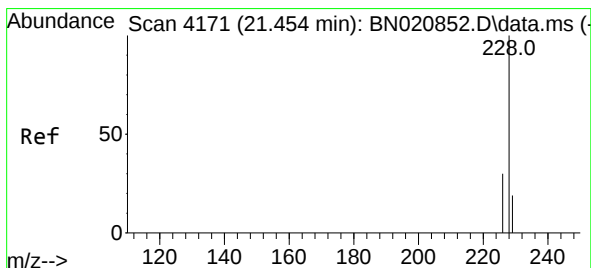
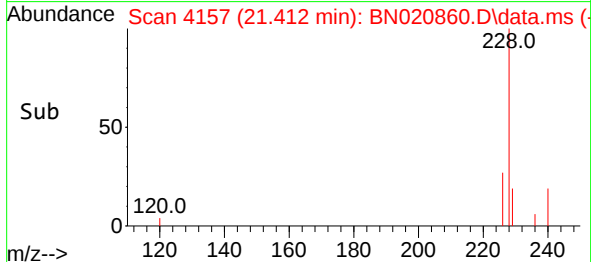
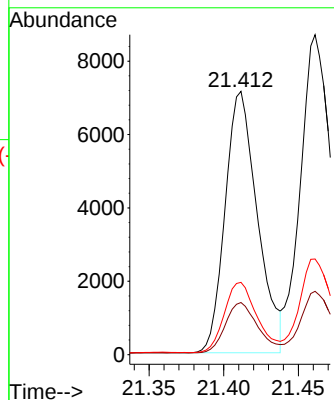


#21
Benzo(a)anthracene
Concen: 0.405 ng/ul
RT: 21.412 min Scan# 4157
Delta R.T. -0.004 min
Lab File: BN020860.D
Acq: 26 Jul 2022 13:51

Instrument :
BNA_N
ClientSampleId :
SLCS371

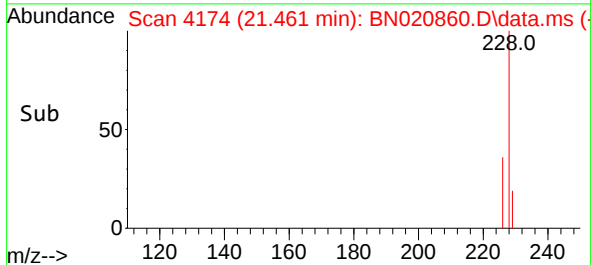
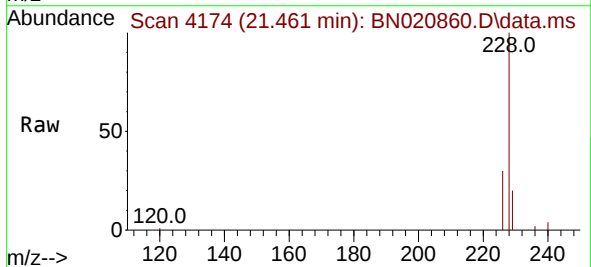
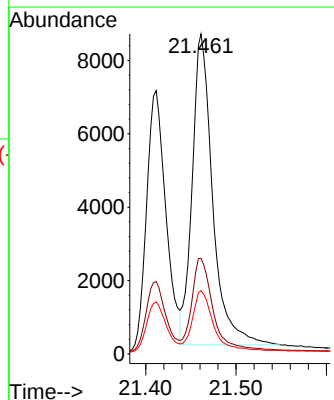


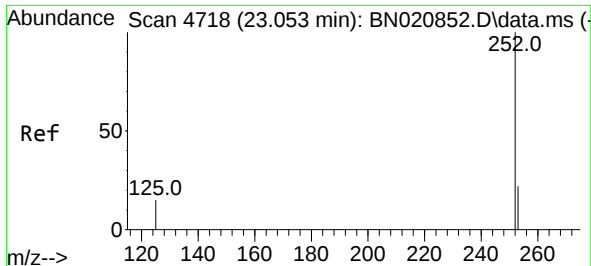
Tgt Ion:228 Resp: 10751
Ion Ratio Lower Upper
228 100
229 19.8 15.9 23.9
226 27.5 22.2 33.2



#22
Chrysene
Concen: 0.390 ng/ul
RT: 21.461 min Scan# 4174
Delta R.T. -0.004 min
Lab File: BN020860.D
Acq: 26 Jul 2022 13:51

Tgt Ion:228 Resp: 13330
Ion Ratio Lower Upper
228 100
226 29.9 23.9 35.9
229 19.8 15.8 23.8

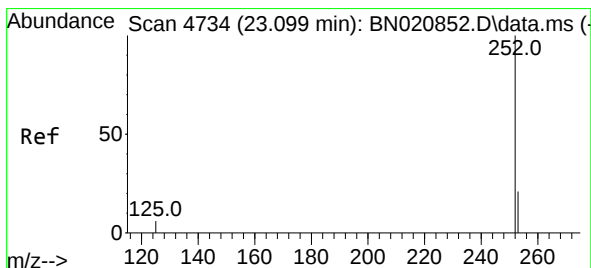
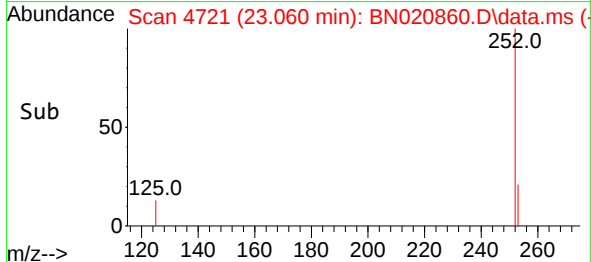
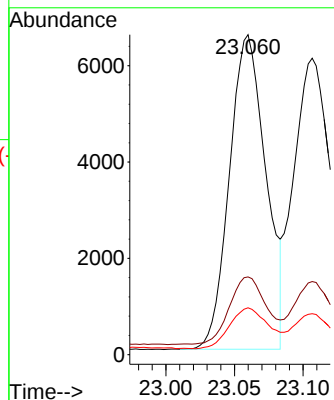
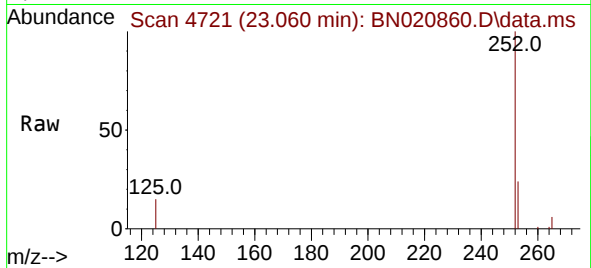




#24
Benzo(b)fluoranthene
Concen: 0.386 ng/ul
RT: 23.060 min Scan# 4718
Delta R.T. -0.004 min
Lab File: BN020860.D
Acq: 26 Jul 2022 13:51

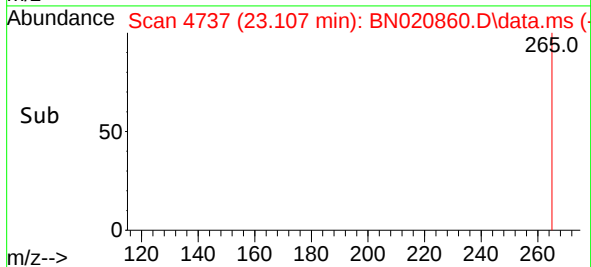
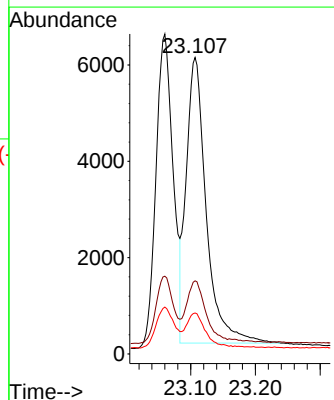
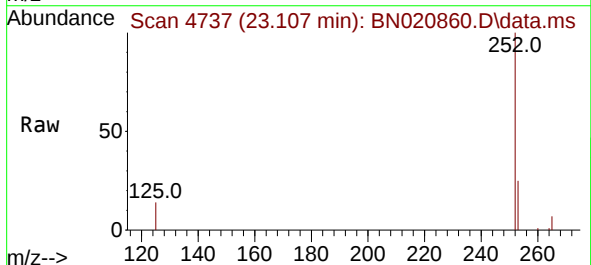
Instrument :
BNA_N
ClientSampleId :
SLCS371

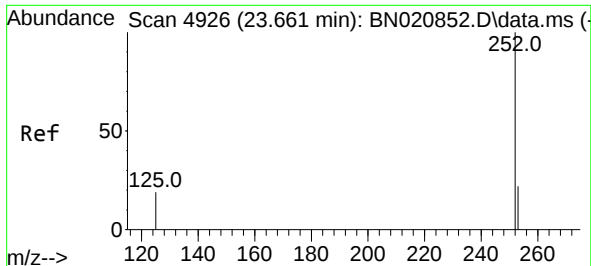
Tgt Ion:252 Resp: 12096
Ion Ratio Lower Upper
252 100
253 24.3 0.0 48.6
125 14.6 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.394 ng/ul
RT: 23.107 min Scan# 4737
Delta R.T. -0.002 min
Lab File: BN020860.D
Acq: 26 Jul 2022 13:51

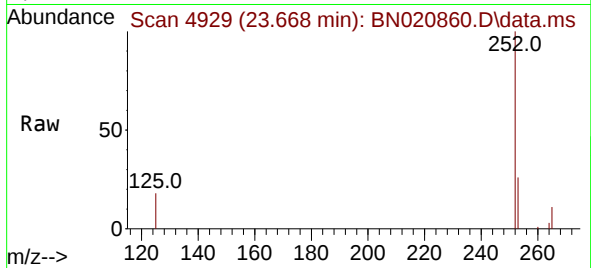
Tgt Ion:252 Resp: 12774
Ion Ratio Lower Upper
252 100
253 24.7 19.7 29.5
125 13.8 12.0 18.0



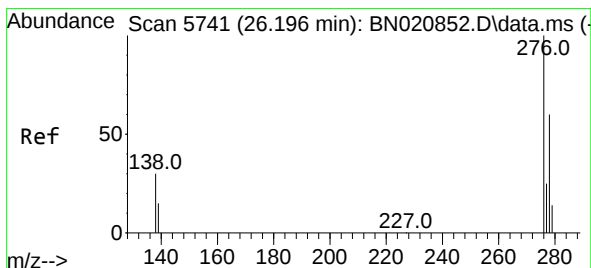
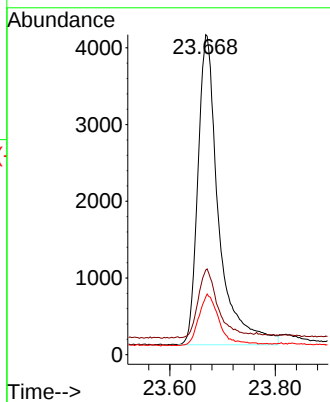
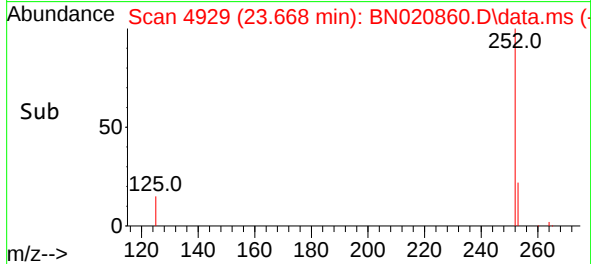


#26
Benzo(a)pyrene
Concen: 0.381 ng/ul
RT: 23.668 min Scan# 4929
Delta R.T. -0.007 min
Lab File: BN020860.D
Acq: 26 Jul 2022 13:51

Instrument :
BNA_N
ClientSampleId :
SLCS371

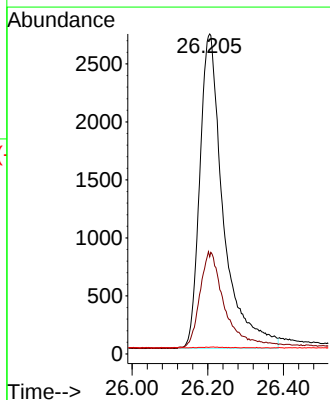
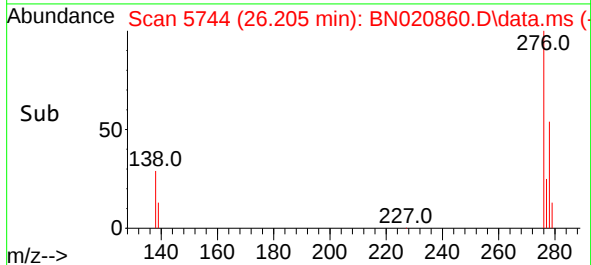
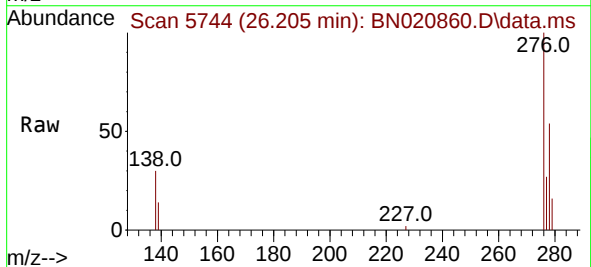


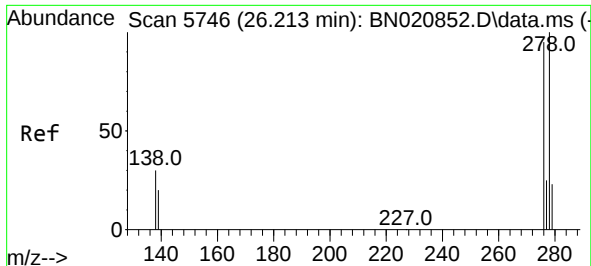
Tgt Ion:252 Resp: 11023
Ion Ratio Lower Upper
252 100
253 26.5 21.0 31.4
125 18.0 18.8 28.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.385 ng/ul
RT: 26.205 min Scan# 5744
Delta R.T. -0.005 min
Lab File: BN020860.D
Acq: 26 Jul 2022 13:51

Tgt Ion:276 Resp: 11720
Ion Ratio Lower Upper
276 100
138 32.3 27.4 41.2
227 0.0 0.2 0.2#

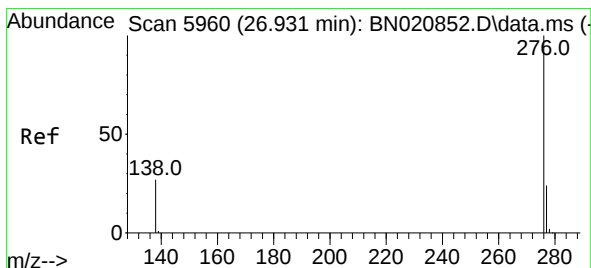
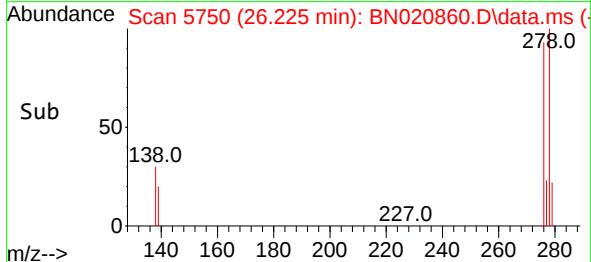
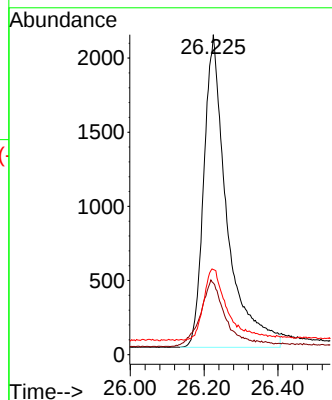
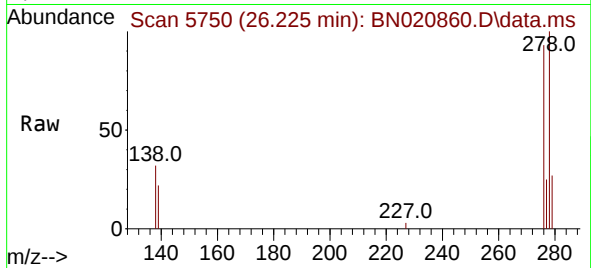




#28
Dibenzo(a,h)anthracene
Concen: 0.394 ng/ul
RT: 26.225 min Scan# 51
Delta R.T. -0.005 min
Lab File: BN020860.D
Acq: 26 Jul 2022 13:51

Instrument :
BNA_N
ClientSampleId :
SLCS371

Tgt Ion:278 Resp: 9147
Ion Ratio Lower Upper
278 100
139 22.4 18.8 28.2
279 26.6 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.387 ng/ul
RT: 26.939 min Scan# 5963
Delta R.T. -0.008 min
Lab File: BN020860.D
Acq: 26 Jul 2022 13:51

Tgt Ion:276 Resp: 10611
Ion Ratio Lower Upper
276 100
138 28.6 23.5 35.3
277 25.3 20.1 30.1

