

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121621\
 Data File : BN018098.D
 Acq On : 17 Dec 2021 13:58
 Operator : CG/JU
 Sample : PB141347BS
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS347

Quant Time: Dec 18 01:46:03 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN121621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 15 17:47:27 2021
 Response via : Initial Calibration

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

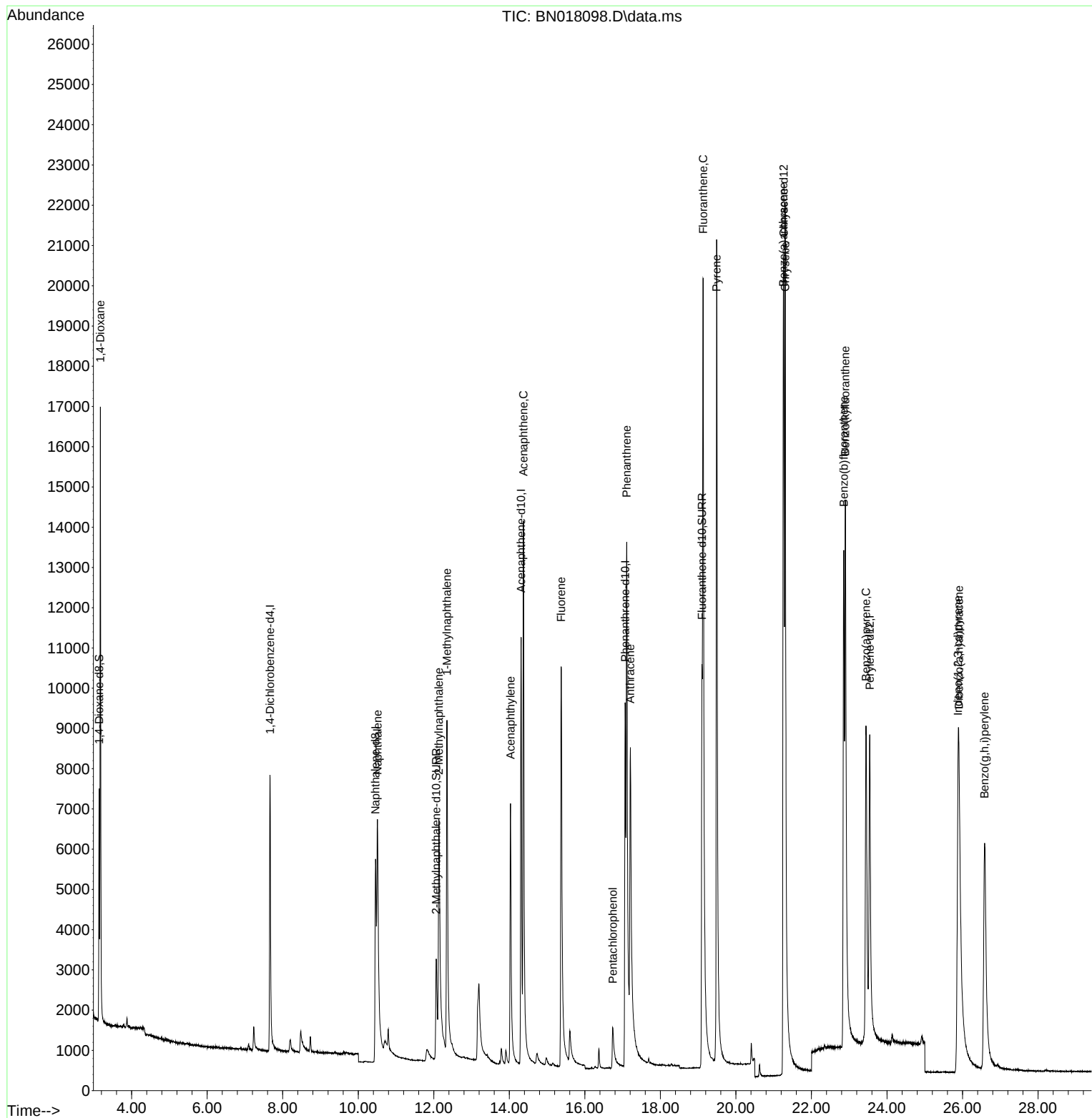
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.666	152	4426	0.400	ng/ul	0.00
4) Naphthalene-d8	10.459	136	13216	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.313	164	7964	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.070	188	15444	0.400	ng/ul	0.00
17) Chrysene-d12	21.266	240	15791	0.400	ng/ul #	0.00
23) Perylene-d12	23.543	264	12544	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	3423	0.745	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.064	152	5963	0.387	ng/ul	0.00
18) Fluoranthene-d10	19.100	212	18648	0.414	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.173	88	9589	1.777	ng/ul#	43
5) Naphthalene	10.508	128	13180	0.364	ng/ul	99
7) 2-Methylnaphthalene	12.136	142	7412	0.364	ng/ul	100
8) 1-Methylnaphthalene	12.350	142	8215	0.348	ng/ul	100
10) Acenaphthylene	14.031	152	11674	0.362	ng/ul	100
11) Acenaphthene	14.373	153	10431	0.364	ng/ul	98
12) Fluorene	15.372	166	11318	0.358	ng/ul	98
14) Pentachlorophenol	16.741	266	1595	0.590	ng/ul	99
15) Phenanthrene	17.108	178	19356	0.361	ng/ul	100
16) Anthracene	17.205	178	15355	0.364	ng/ul	99
19) Fluoranthene	19.133	202	25268	0.397	ng/ul	97
20) Pyrene	19.491	202	27857	0.391	ng/ul	94
21) Benzo(a)anthracene	21.254	228	17672	0.376	ng/ul	99
22) Chrysene	21.304	228	26752	0.397	ng/ul	99
24) Benzo(b)fluoranthene	22.853	252	21046	0.420	ng/ul	85
25) Benzo(k)fluoranthene	22.897	252	26522	0.397	ng/ul#	82
26) Benzo(a)pyrene	23.443	252	19189	0.396	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.880	276	21264	0.390	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.907	278	15502	0.389	ng/ul#	85
29) Benzo(g,h,i)perylene	26.584	276	19252	0.412	ng/ul#	88

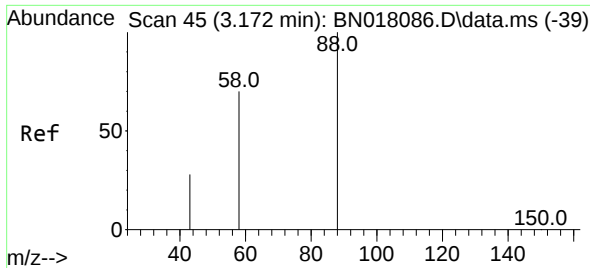
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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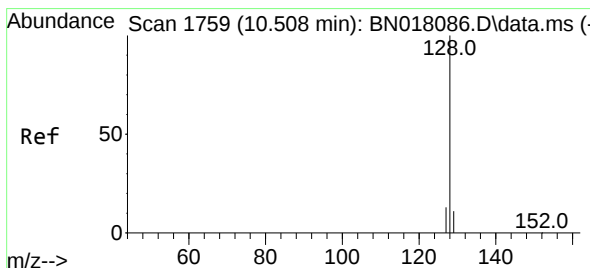
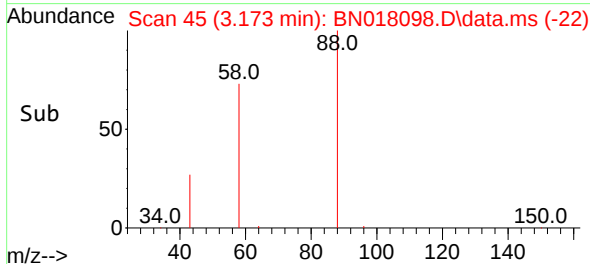
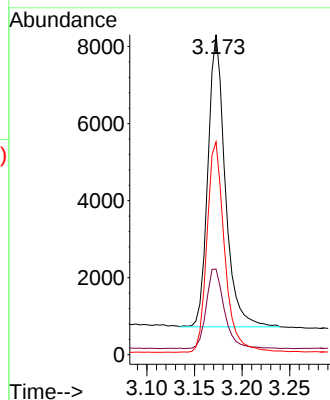
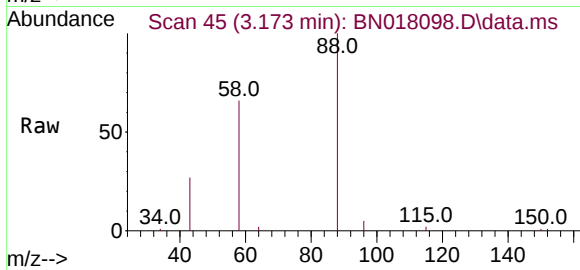




#2
 1,4-Dioxane
 Concen: 1.777 ng/ul
 RT: 3.173 min Scan# 41
 Delta R.T. -0.004 min
 Lab File: BN018098.D
 Acq: 17 Dec 2021 13:58

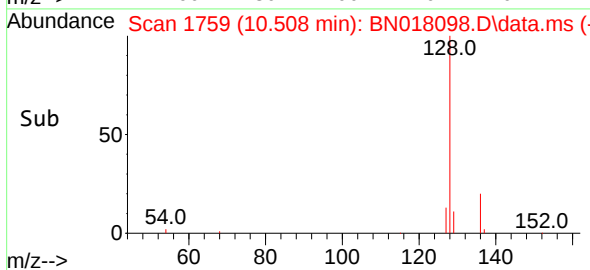
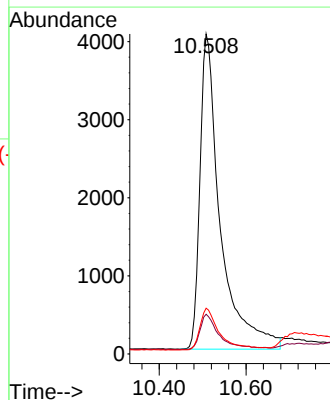
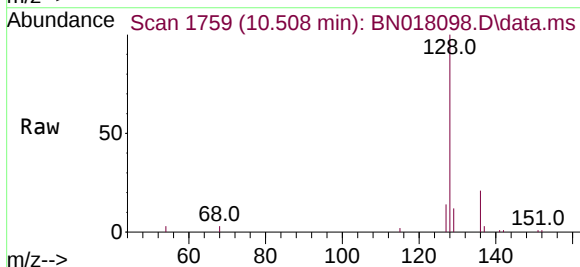
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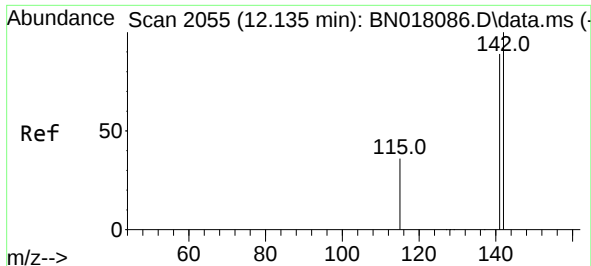
Tgt Ion: 88 Resp: 9589
 Ion Ratio Lower Upper
 88 100
 43 26.8 85.8 128.6#
 58 66.5 43.4 65.0#



#5
 Naphthalene
 Concen: 0.364 ng/ul
 RT: 10.508 min Scan# 1759
 Delta R.T. -0.001 min
 Lab File: BN018098.D
 Acq: 17 Dec 2021 13:58

Tgt Ion: 128 Resp: 13180
 Ion Ratio Lower Upper
 128 100
 129 12.4 10.4 15.6
 127 14.3 11.8 17.6

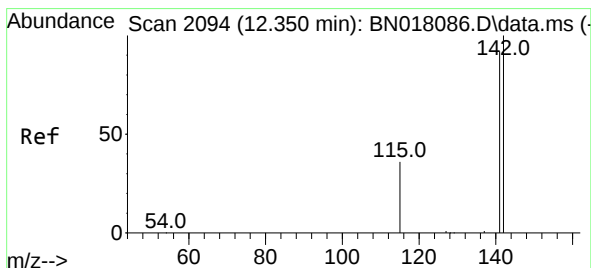
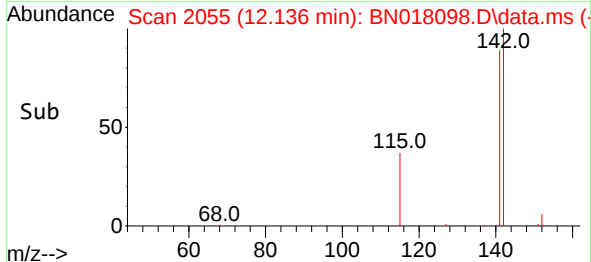
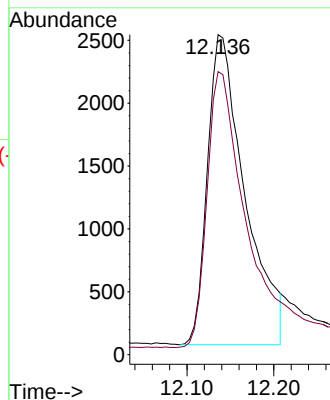
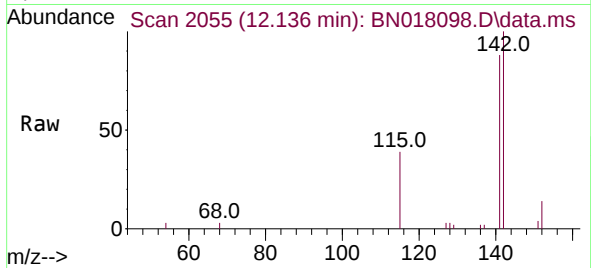




#7
2-Methylnaphthalene
Concen: 0.364 ng/ul
RT: 12.136 min Scan# 2055
Delta R.T. -0.001 min
Lab File: BN018098.D
Acq: 17 Dec 2021 13:58

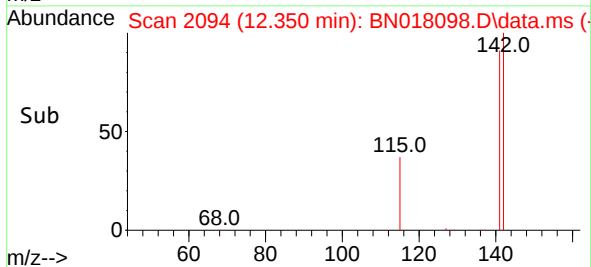
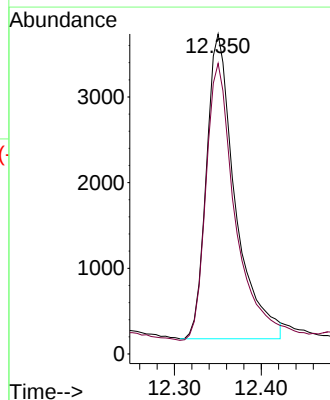
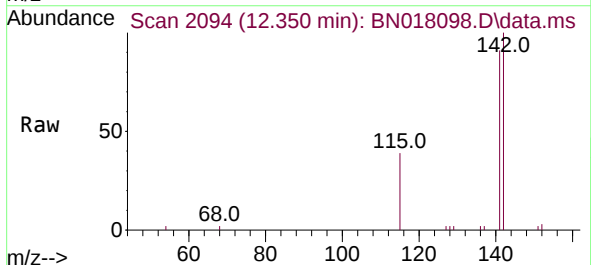
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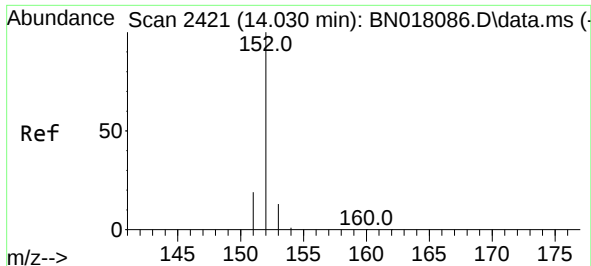
Tgt Ion:142 Resp: 7412
Ion Ratio Lower Upper
142 100
141 89.1 71.5 107.3



#8
1-Methylnaphthalene
Concen: 0.348 ng/ul
RT: 12.350 min Scan# 2094
Delta R.T. -0.001 min
Lab File: BN018098.D
Acq: 17 Dec 2021 13:58

Tgt Ion:142 Resp: 8215
Ion Ratio Lower Upper
142 100
141 91.9 73.3 109.9

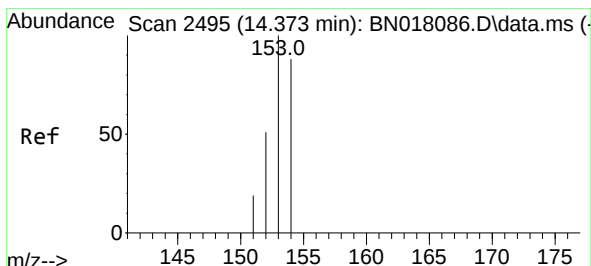
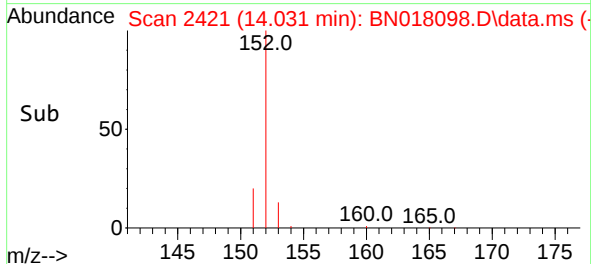
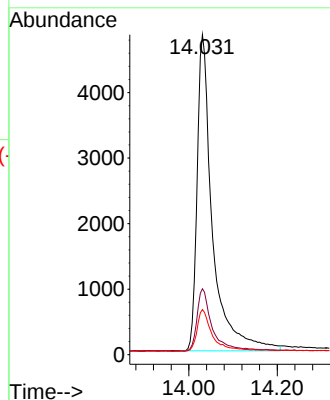
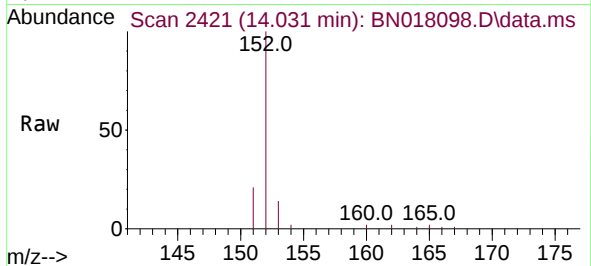




#10
Acenaphthylene
Concen: 0.362 ng/ul
RT: 14.031 min Scan# 2421
Delta R.T. -0.001 min
Lab File: BN018098.D
Acq: 17 Dec 2021 13:58

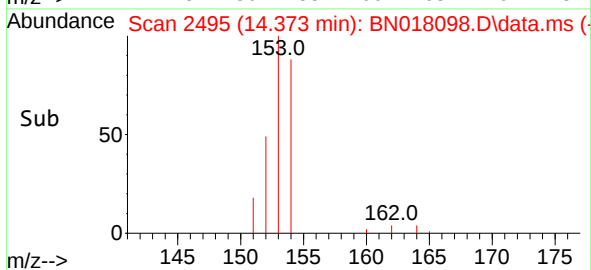
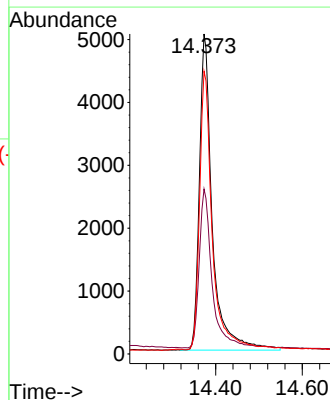
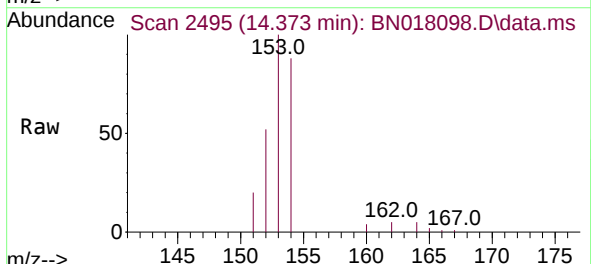
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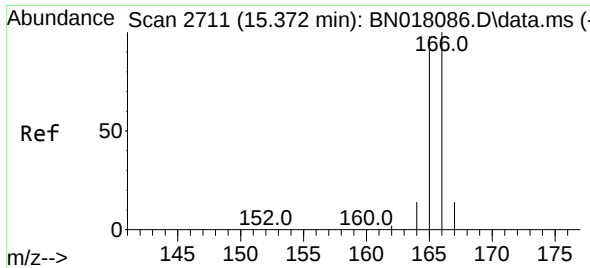
Tgt Ion:152 Resp: 11674
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6
153 14.1 11.1 16.7



#11
Acenaphthene
Concen: 0.364 ng/ul
RT: 14.373 min Scan# 2495
Delta R.T. -0.001 min
Lab File: BN018098.D
Acq: 17 Dec 2021 13:58

Tgt Ion:153 Resp: 10431
Ion Ratio Lower Upper
153 100
152 51.5 38.3 57.5
154 88.3 71.1 106.7

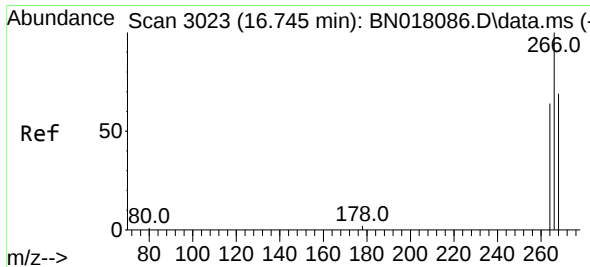
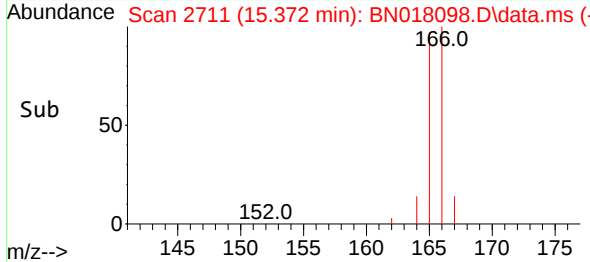
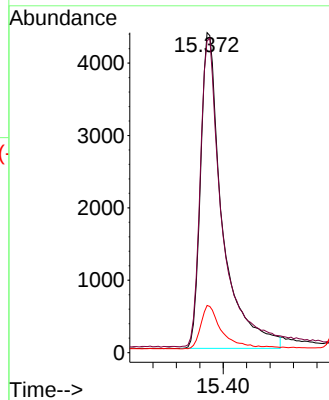
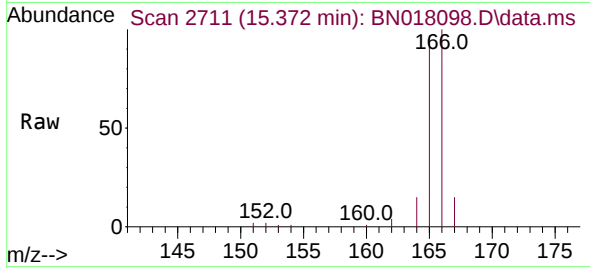




#12
Fluorene
Concen: 0.358 ng/ul
RT: 15.372 min Scan# 21
Delta R.T. -0.001 min
Lab File: BN018098.D
Acq: 17 Dec 2021 13:58

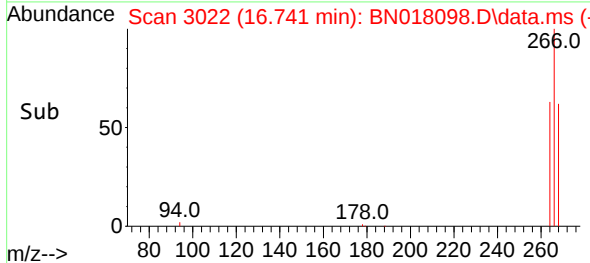
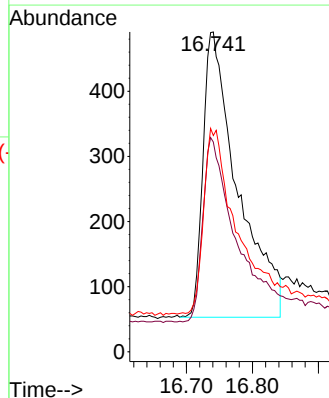
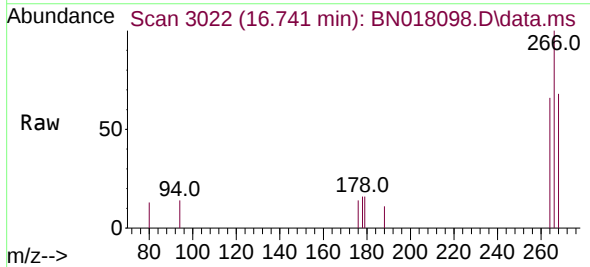
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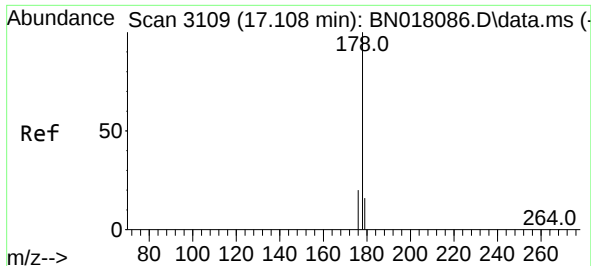
Tgt Ion:	166	Resp:	11318
Ion	Ratio	Lower	Upper
166	100		
165	97.4	79.2	118.8
167	14.7	11.2	16.8



#14
Pentachlorophenol
Concen: 0.590 ng/ul
RT: 16.741 min Scan# 3022
Delta R.T. -0.014 min
Lab File: BN018098.D
Acq: 17 Dec 2021 13:58

Tgt Ion:	266	Resp:	1595
Ion	Ratio	Lower	Upper
266	100		
264	63.1	50.3	75.5
268	63.8	52.2	78.4

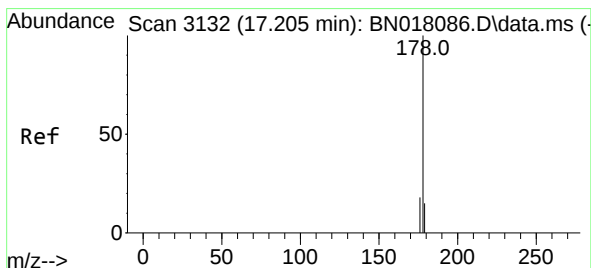
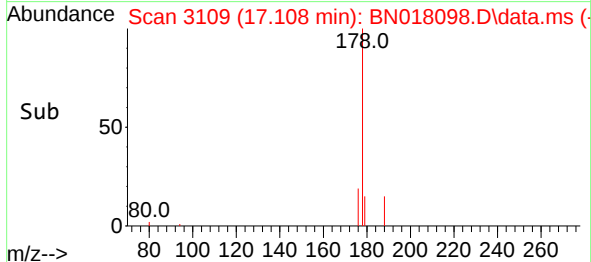
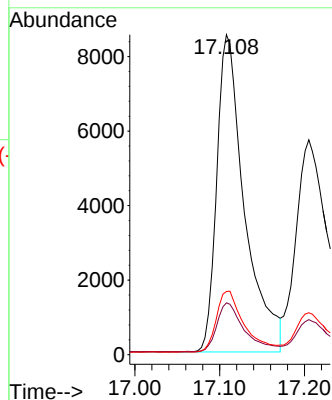
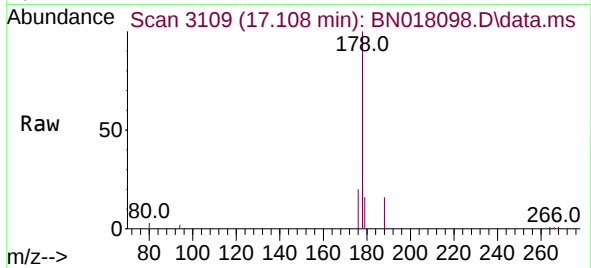




#15
Phenanthrene
Concen: 0.361 ng/ul
RT: 17.108 min Scan# 3109
Delta R.T. -0.001 min
Lab File: BN018098.D
Acq: 17 Dec 2021 13:58

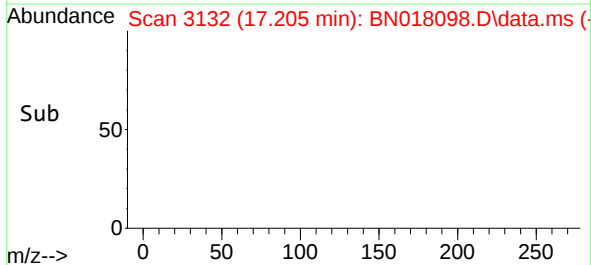
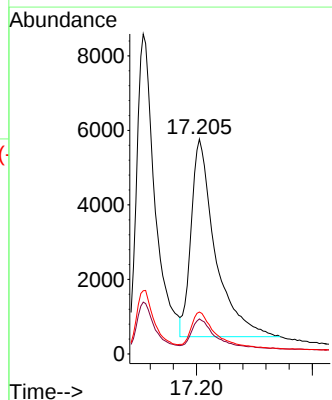
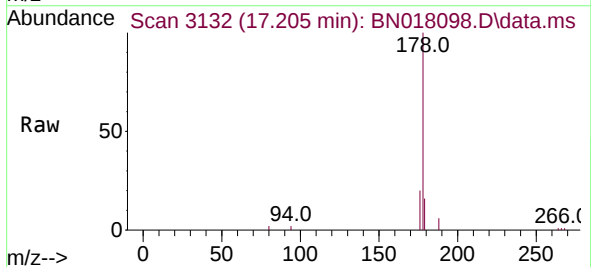
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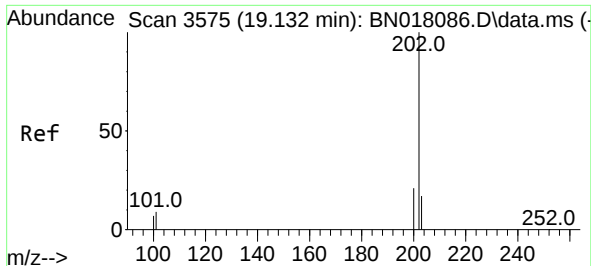
Tgt Ion:	178	Resp:	19356
Ion Ratio	Lower	Upper	
178	100		
179	16.2	13.0	19.4
176	19.7	15.6	23.4



#16
Anthracene
Concen: 0.364 ng/ul
RT: 17.205 min Scan# 3132
Delta R.T. -0.001 min
Lab File: BN018098.D
Acq: 17 Dec 2021 13:58

Tgt Ion:	178	Resp:	15355
Ion Ratio	Lower	Upper	
178	100		
179	16.3	13.3	19.9
176	19.5	15.1	22.7

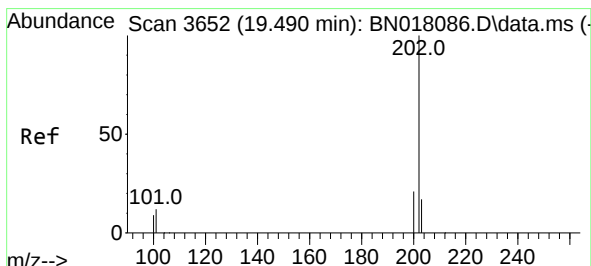
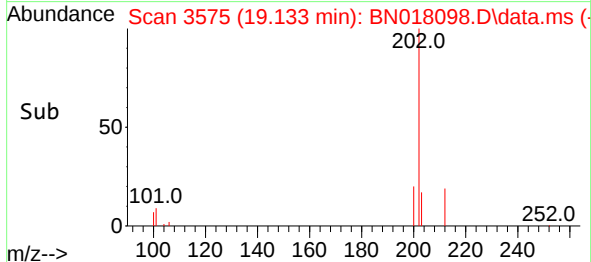
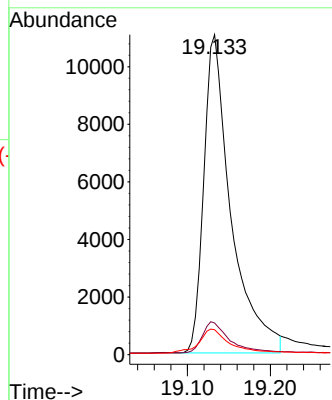
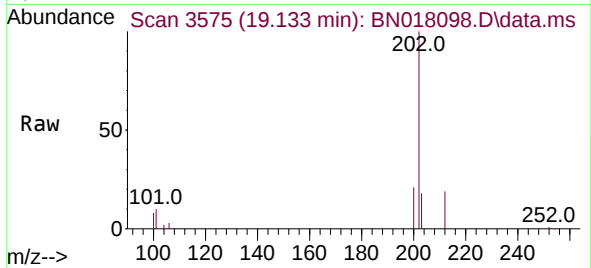




#19
Fluoranthene
Concen: 0.397 ng/ul
RT: 19.133 min Scan# 3575
Delta R.T. 0.003 min
Lab File: BN018098.D
Acq: 17 Dec 2021 13:58

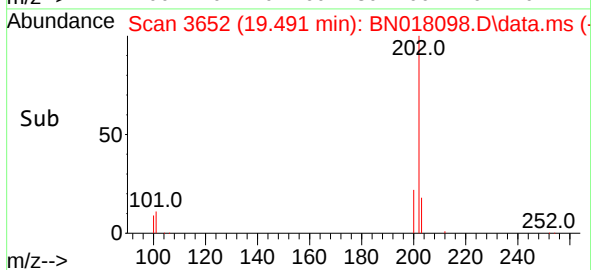
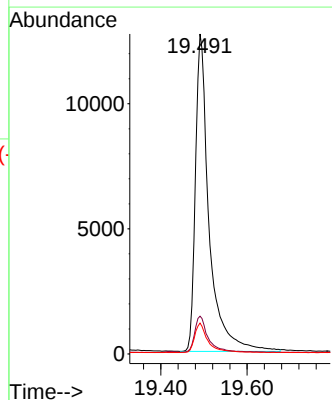
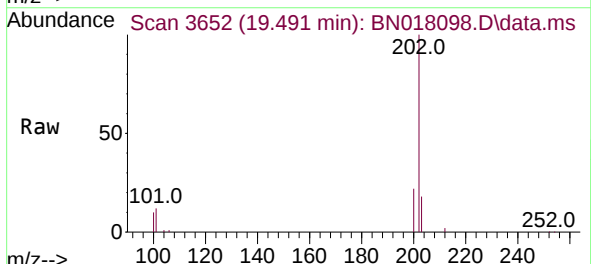
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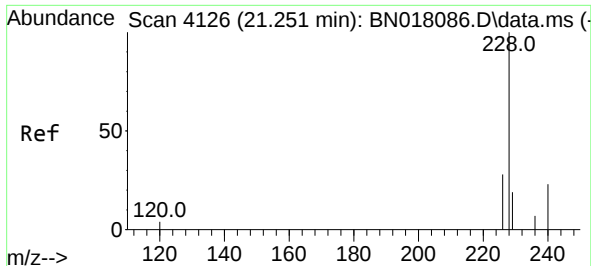
Tgt Ion:202 Resp: 25268
Ion Ratio Lower Upper
202 100
101 9.9 9.0 13.4
100 7.8 6.8 10.2



#20
Pyrene
Concen: 0.391 ng/ul
RT: 19.491 min Scan# 3652
Delta R.T. -0.001 min
Lab File: BN018098.D
Acq: 17 Dec 2021 13:58

Tgt Ion:202 Resp: 27857
Ion Ratio Lower Upper
202 100
101 11.8 11.4 17.2
100 9.7 9.4 14.0

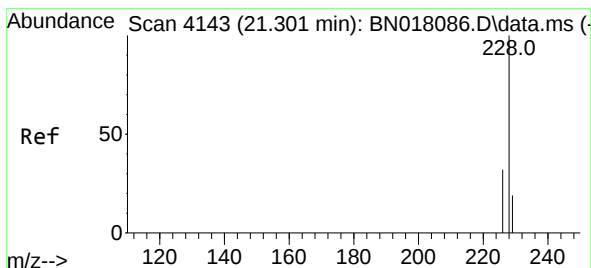
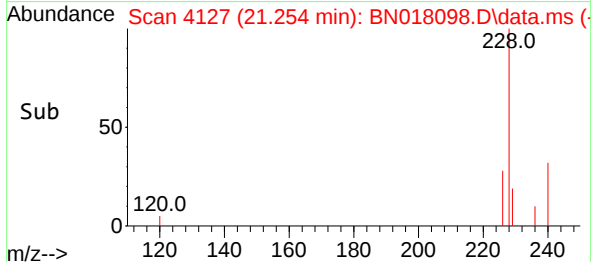
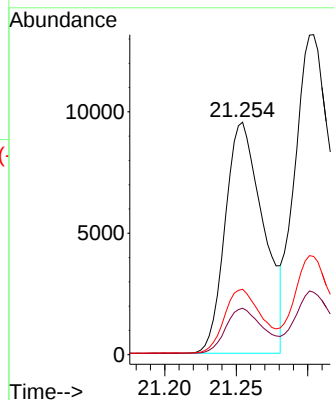
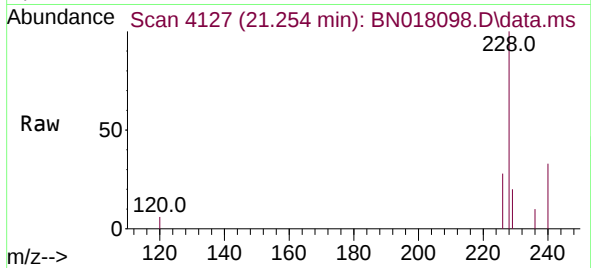




#21
Benzo(a)anthracene
Concen: 0.376 ng/ul
RT: 21.254 min Scan# 4126
Delta R.T. 0.005 min
Lab File: BN018098.D
Acq: 17 Dec 2021 13:58

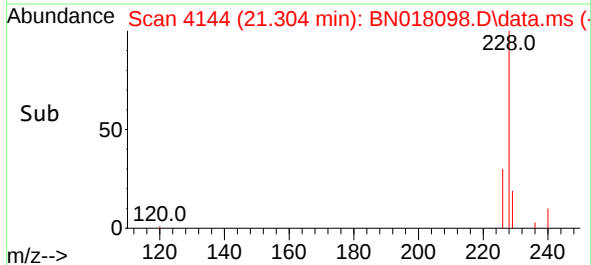
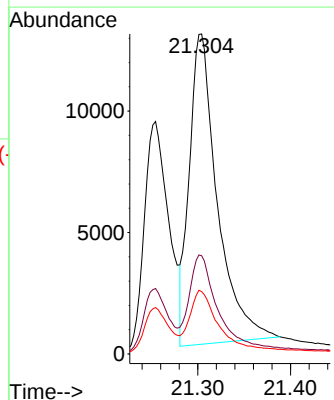
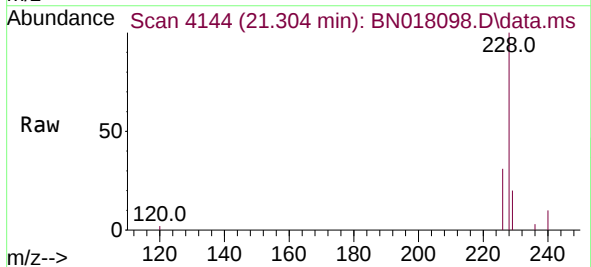
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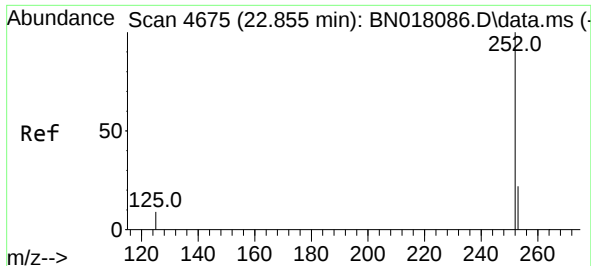
Tgt Ion:228 Resp: 17672
Ion Ratio Lower Upper
228 100
229 19.9 15.8 23.6
226 28.1 21.8 32.8



#22
Chrysene
Concen: 0.397 ng/ul
RT: 21.304 min Scan# 4144
Delta R.T. 0.005 min
Lab File: BN018098.D
Acq: 17 Dec 2021 13:58

Tgt Ion:228 Resp: 26752
Ion Ratio Lower Upper
228 100
226 30.7 23.9 35.9
229 19.5 15.7 23.5

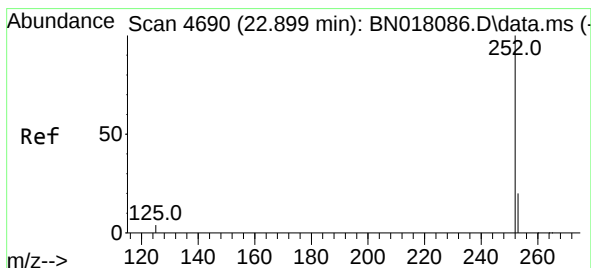
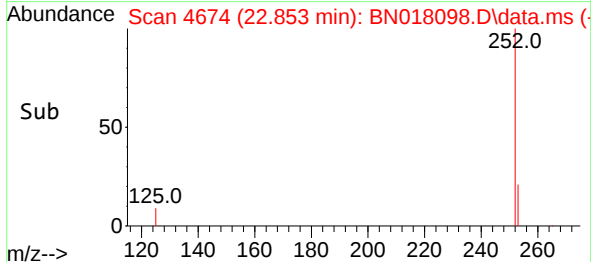
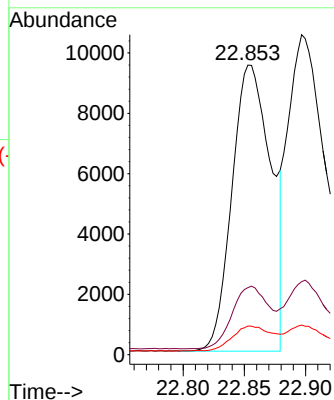
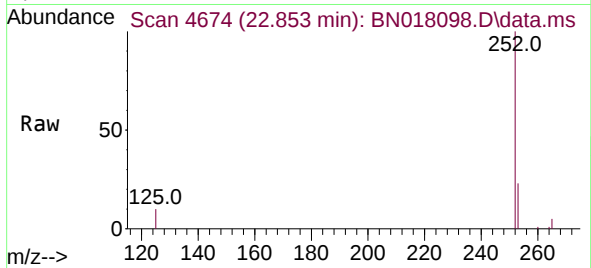




#24
Benzo(b)fluoranthene
Concen: 0.420 ng/ul
RT: 22.853 min Scan# 4675
Delta R.T. 0.002 min
Lab File: BN018098.D
Acq: 17 Dec 2021 13:58

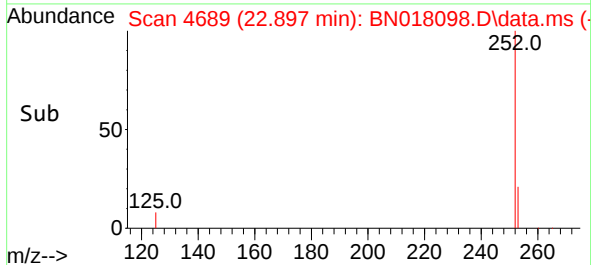
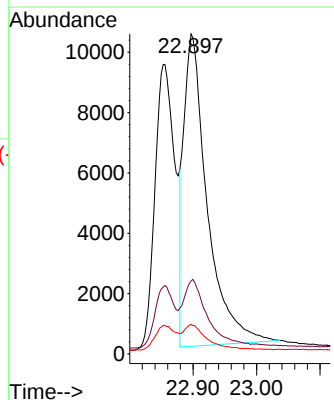
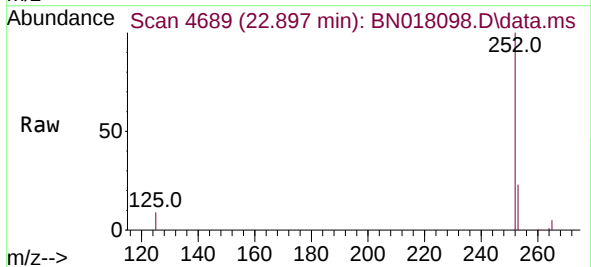
Instrument :
BNA_N
ClientSampleId :
SLCS347

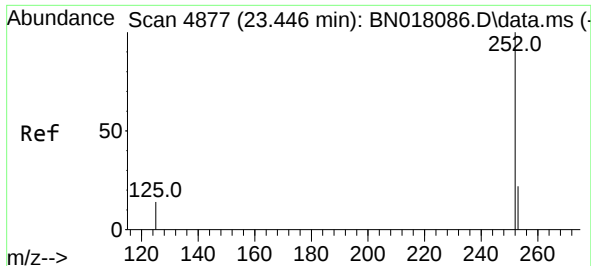
Tgt Ion:252 Resp: 21046
Ion Ratio Lower Upper
252 100
253 23.2 0.0 57.6
125 9.9 0.0 39.0



#25
Benzo(k)fluoranthene
Concen: 0.397 ng/ul
RT: 22.897 min Scan# 4689
Delta R.T. 0.005 min
Lab File: BN018098.D
Acq: 17 Dec 2021 13:58

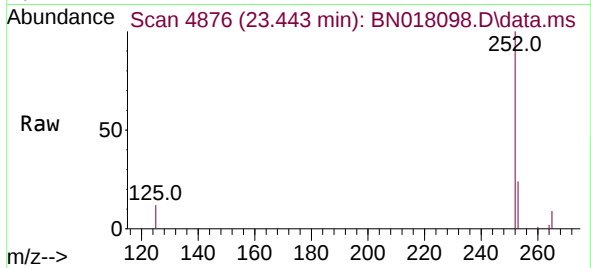
Tgt Ion:252 Resp: 26522
Ion Ratio Lower Upper
252 100
253 22.8 23.1 34.7#
125 9.2 17.1 25.7#



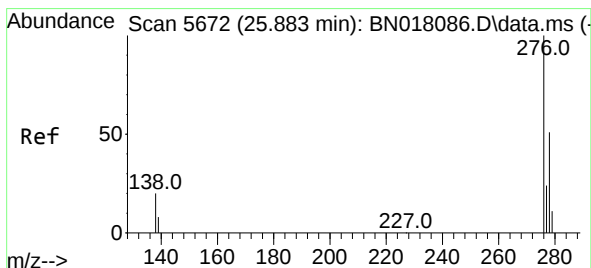
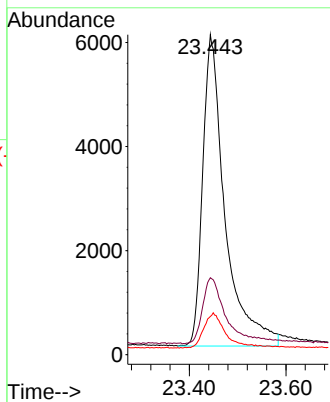
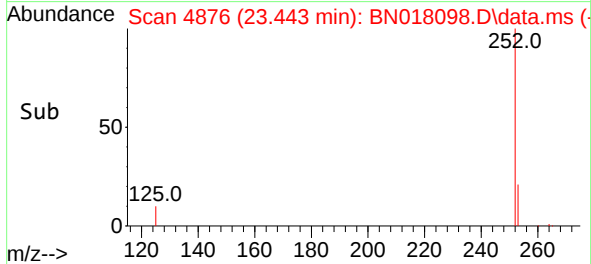


#26
Benzo(a)pyrene
Concen: 0.396 ng/ul
RT: 23.443 min Scan# 4876
Delta R.T. 0.005 min
Lab File: BN018098.D
Acq: 17 Dec 2021 13:58

Instrument :
BNA_N
ClientSampleId :
SLCS347

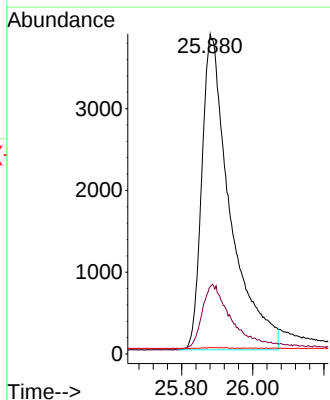
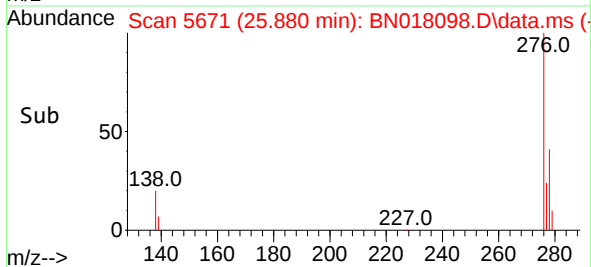
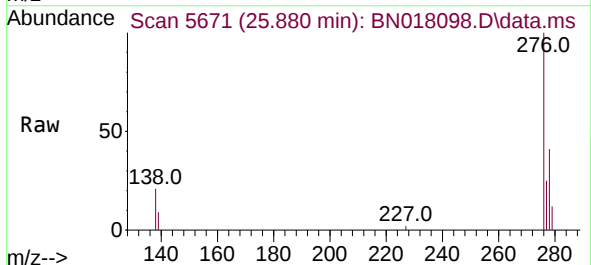


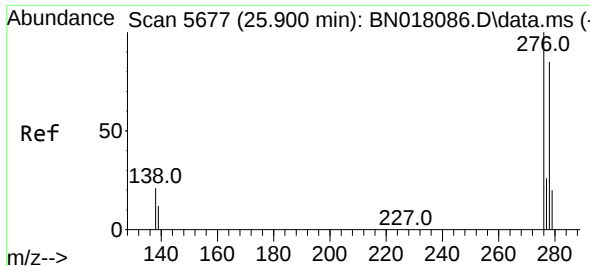
Tgt Ion:252 Resp: 19189
Ion Ratio Lower Upper
252 100
253 24.0 25.0 37.4#
125 12.0 19.3 28.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.390 ng/ul
RT: 25.880 min Scan# 5671
Delta R.T. 0.005 min
Lab File: BN018098.D
Acq: 17 Dec 2021 13:58

Tgt Ion:276 Resp: 21264
Ion Ratio Lower Upper
276 100
138 21.5 0.1 0.1#
227 0.0 0.0 0.0

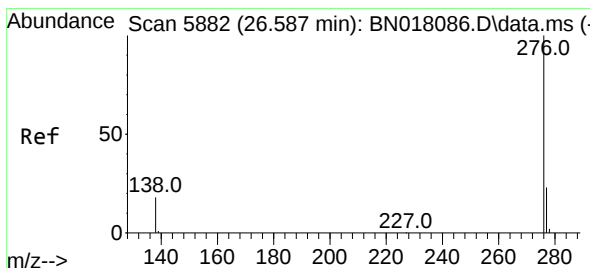
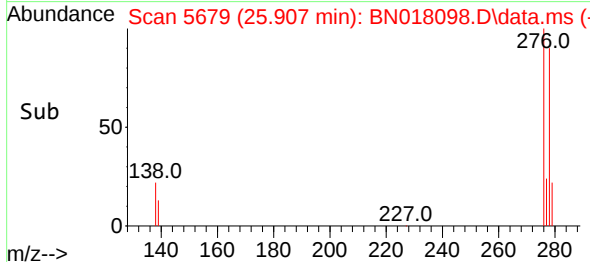
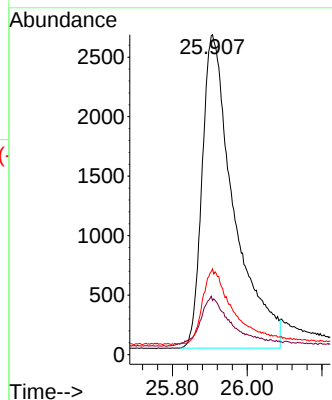
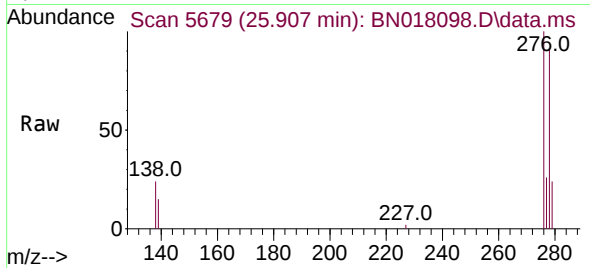




#28
 Dibenzo(a,h)anthracene
 Concen: 0.389 ng/ul
 RT: 25.907 min Scan# 5677
 Delta R.T. 0.009 min
 Lab File: BN018098.D
 Acq: 17 Dec 2021 13:58

Instrument :
 BNA_N
 ClientSampleId :
 SLCS347

Tgt Ion:278 Resp: 15502
 Ion Ratio Lower Upper
 278 100
 139 16.9 21.8 32.8#
 279 26.8 26.3 39.5



#29
 Benzo(g,h,i)perylene
 Concen: 0.412 ng/ul
 RT: 26.584 min Scan# 5881
 Delta R.T. 0.009 min
 Lab File: BN018098.D
 Acq: 17 Dec 2021 13:58

Tgt Ion:276 Resp: 19252
 Ion Ratio Lower Upper
 276 100
 138 20.2 24.5 36.7#
 277 24.3 21.2 31.8

