

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122221\
 Data File : BN018151.D
 Acq On : 22 Dec 2021 15:23
 Operator : CG/JU
 Sample : PB141448BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS448

Quant Time: Dec 22 23:51:29 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 22 14:08:04 2021
 Response via : Initial Calibration

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

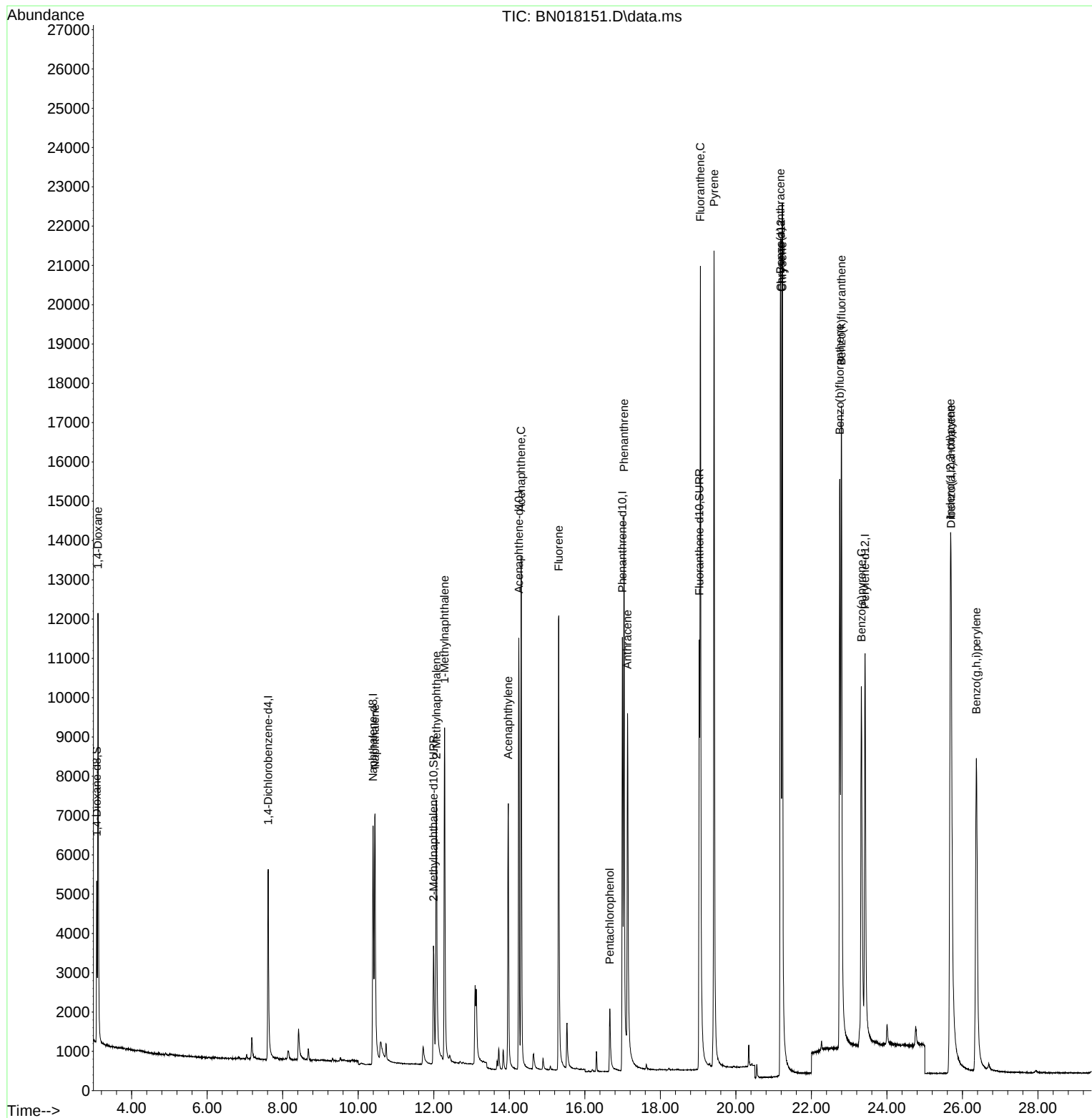
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	3276	0.400	ng/ul	0.00
4) Naphthalene-d8	10.394	136	10433	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.254	164	6572	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.995	188	14653	0.400	ng/ul	0.00
17) Chrysene-d12	21.191	240	14874	0.400	ng/ul	0.00
23) Perylene-d12	23.421	264	14338	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.076	96	2571	0.759	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.994	152	5312	0.370	ng/ul	0.00
18) Fluoranthene-d10	19.032	212	15588	0.386	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.109	88	7245	1.769	ng/ul#	89
5) Naphthalene	10.443	128	10904	0.368	ng/ul	100
7) 2-Methylnaphthalene	12.071	142	6672	0.350	ng/ul	100
8) 1-Methylnaphthalene	12.286	142	6910	0.349	ng/ul	99
10) Acenaphthylene	13.972	152	9218	0.355	ng/ul	99
11) Acenaphthene	14.314	153	8091	0.353	ng/ul	99
12) Fluorene	15.309	166	9248	0.349	ng/ul	97
14) Pentachlorophenol	16.662	266	1582	0.575	ng/ul	98
15) Phenanthrene	17.038	178	16919	0.354	ng/ul	99
16) Anthracene	17.130	178	13217	0.341	ng/ul	99
19) Fluoranthene	19.060	202	21111	0.370	ng/ul	99
20) Pyrene	19.422	202	22015	0.368	ng/ul	98
21) Benzo(a)anthracene	21.177	228	16536	0.334	ng/ul	99
22) Chrysene	21.229	228	23026	0.380	ng/ul	99
24) Benzo(b)fluoranthene	22.752	252	20266	0.369	ng/ul	99
25) Benzo(k)fluoranthene	22.796	252	26104	0.382	ng/ul	99
26) Benzo(a)pyrene	23.325	252	18751	0.361	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.681	276	24020	0.351	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.701	278	18062	0.348	ng/ul	99
29) Benzo(g,h,i)perylene	26.368	276	20345	0.360	ng/ul	100

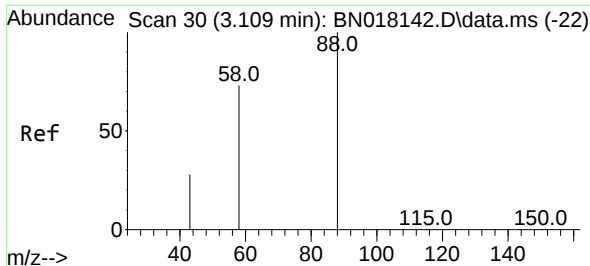
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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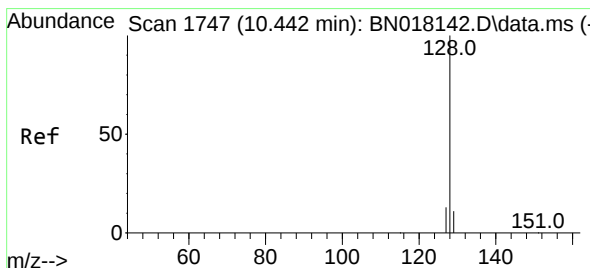
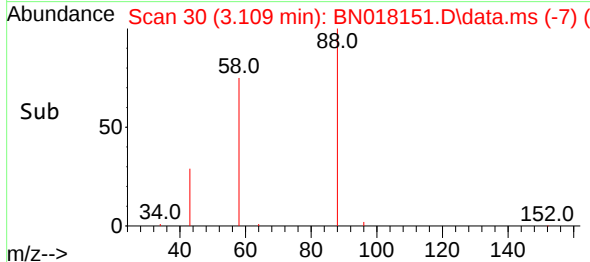
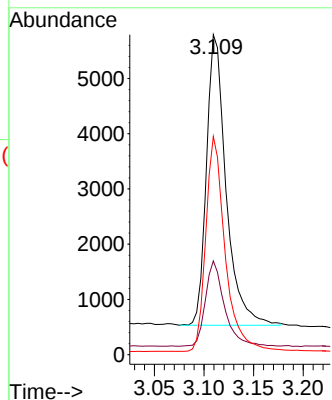
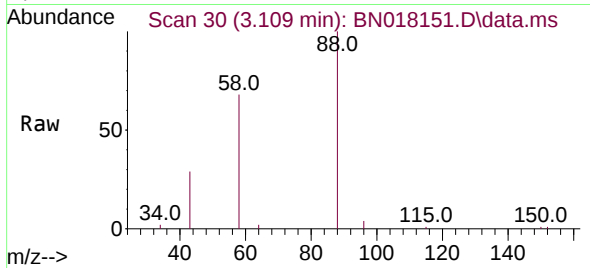




#2
 1,4-Dioxane
 Concen: 1.769 ng/ul
 RT: 3.109 min Scan# 30
 Delta R.T. -0.004 min
 Lab File: BN018151.D
 Acq: 22 Dec 2021 15:23

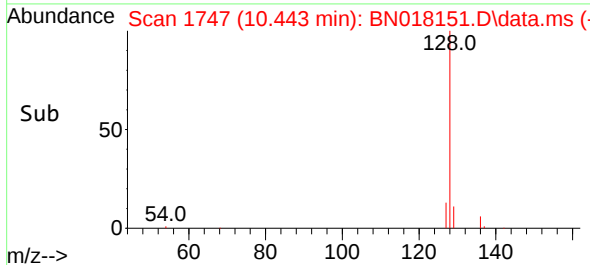
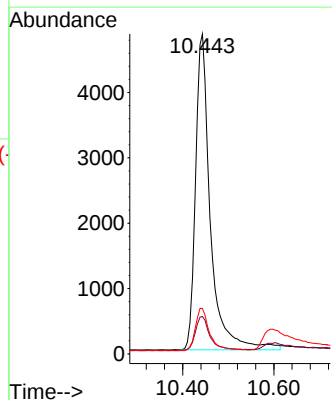
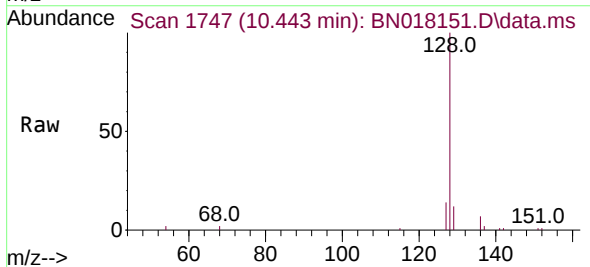
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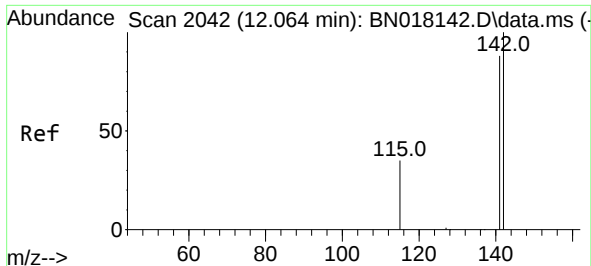
Tgt Ion: 88 Resp: 7245
 Ion Ratio Lower Upper
 88 100
 43 29.3 24.6 36.8
 58 68.2 45.2 67.8#



#5
 Naphthalene
 Concen: 0.368 ng/ul
 RT: 10.443 min Scan# 1747
 Delta R.T. 0.005 min
 Lab File: BN018151.D
 Acq: 22 Dec 2021 15:23

Tgt Ion:128 Resp: 10904
 Ion Ratio Lower Upper
 128 100
 129 11.7 9.3 13.9
 127 14.2 11.1 16.7

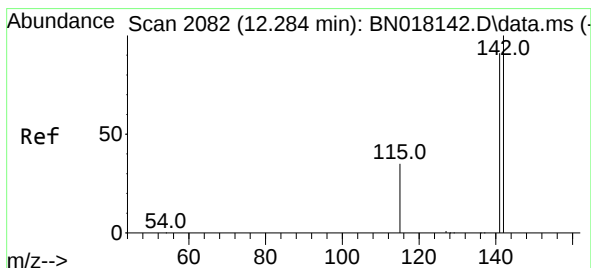
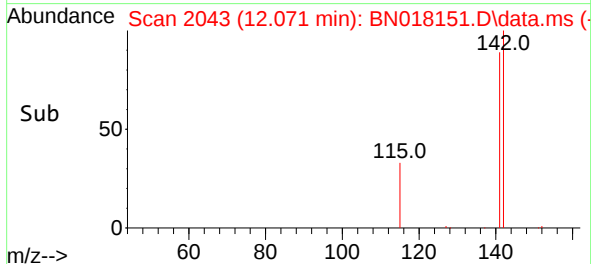
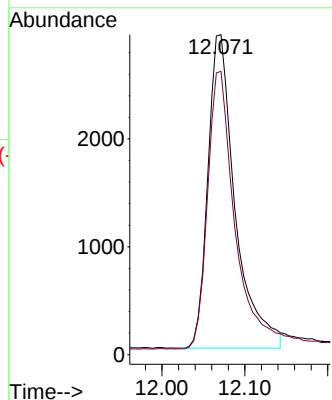
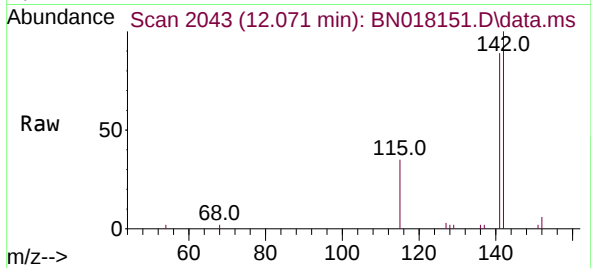




#7
2-Methylnaphthalene
Concen: 0.350 ng/ul
RT: 12.071 min Scan# 2042
Delta R.T. 0.005 min
Lab File: BN018151.D
Acq: 22 Dec 2021 15:23

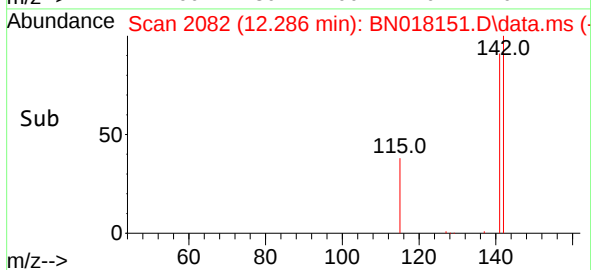
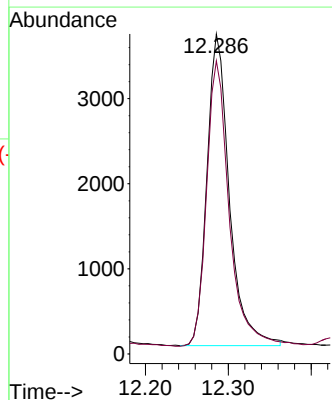
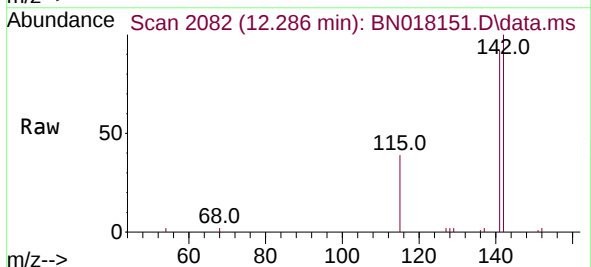
Instrument :
BNA_N
ClientSampleId :
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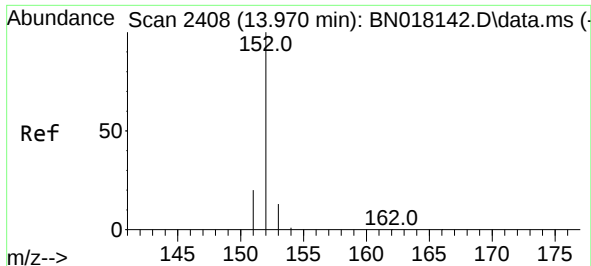
Tgt Ion:142 Resp: 6672
Ion Ratio Lower Upper
142 100
141 88.5 70.6 105.8



#8
1-Methylnaphthalene
Concen: 0.349 ng/ul
RT: 12.286 min Scan# 2082
Delta R.T. -0.000 min
Lab File: BN018151.D
Acq: 22 Dec 2021 15:23

Tgt Ion:142 Resp: 6910
Ion Ratio Lower Upper
142 100
141 92.0 73.2 109.8

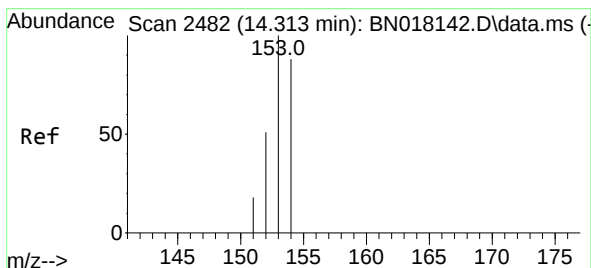
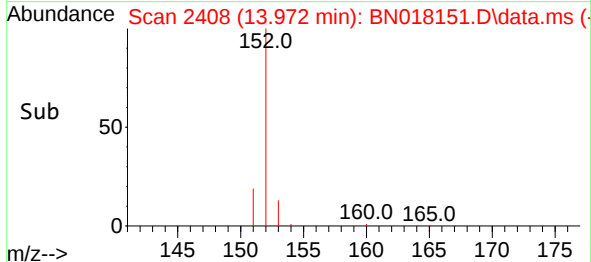
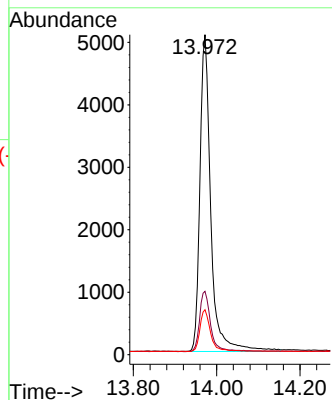
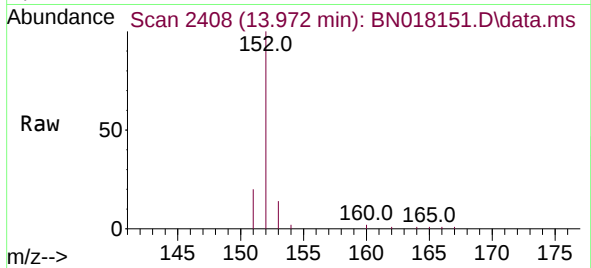




#10
Acenaphthylene
Concen: 0.355 ng/ul
RT: 13.972 min Scan# 2408
Delta R.T. -0.000 min
Lab File: BN018151.D
Acq: 22 Dec 2021 15:23

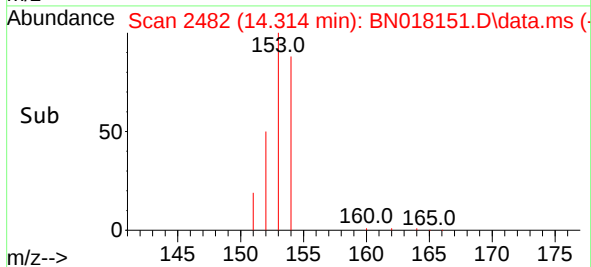
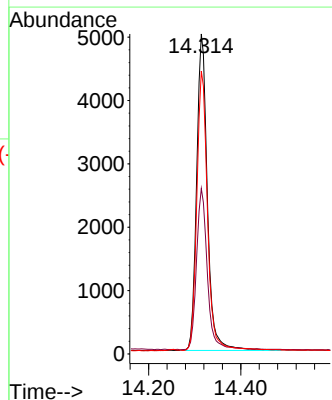
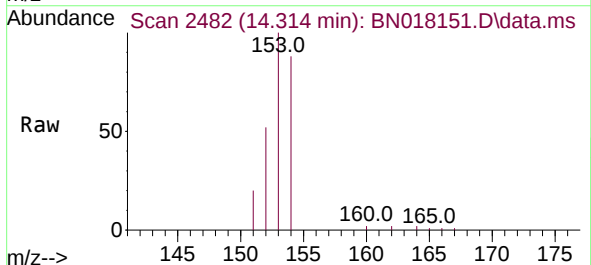
Instrument :
BNA_N
ClientSampleId :
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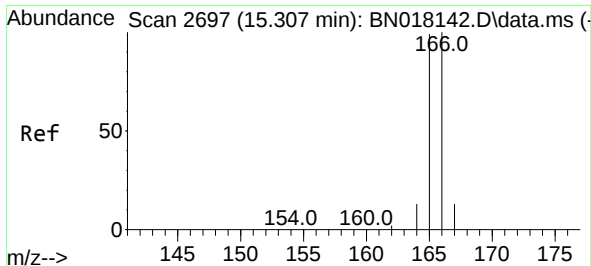
Tgt Ion:152 Resp: 9218
Ion Ratio Lower Upper
152 100
151 19.8 16.0 24.0
153 14.0 11.0 16.4



#11
Acenaphthene
Concen: 0.353 ng/ul
RT: 14.314 min Scan# 2482
Delta R.T. -0.000 min
Lab File: BN018151.D
Acq: 22 Dec 2021 15:23

Tgt Ion:153 Resp: 8091
Ion Ratio Lower Upper
153 100
152 51.7 40.8 61.2
154 88.4 70.3 105.5

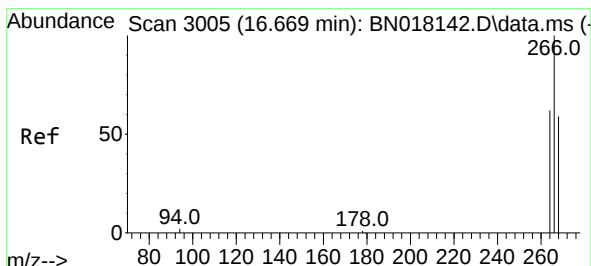
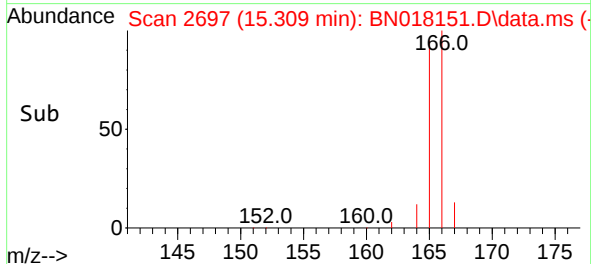
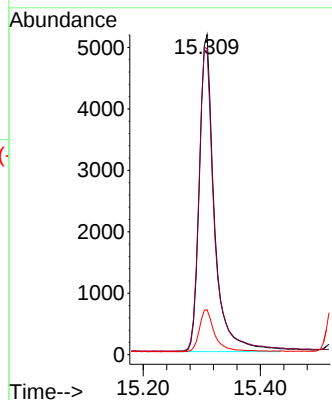
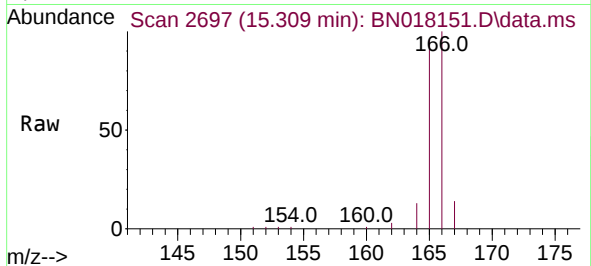




#12
 Fluorene
 Concen: 0.349 ng/ul
 RT: 15.309 min Scan# 2697
 Delta R.T. 0.005 min
 Lab File: BN018151.D
 Acq: 22 Dec 2021 15:23

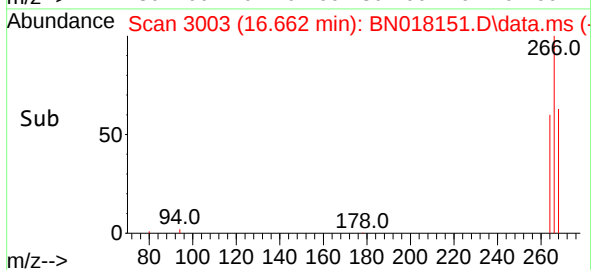
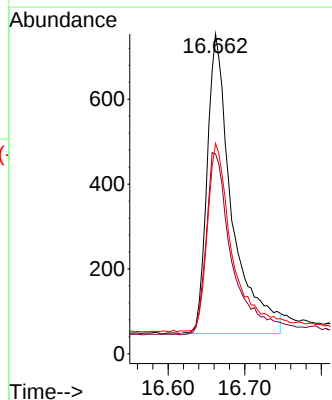
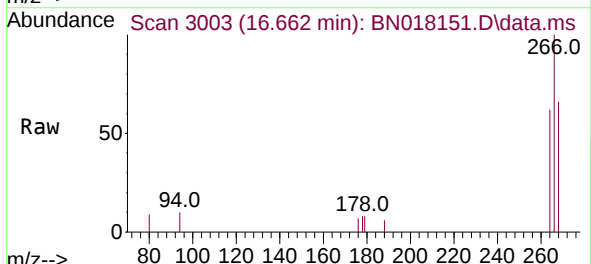
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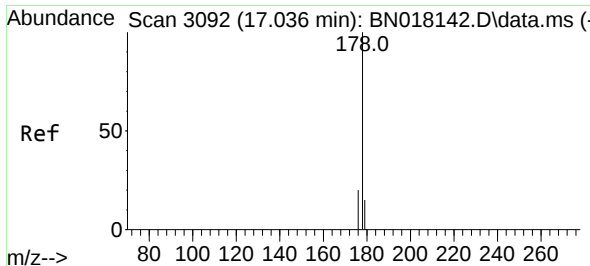
Tgt Ion:166	Resp:	9248
Ion	Ratio	Lower Upper
166	100	
165	95.6	79.2 118.8
167	14.1	11.1 16.7



#14
 Pentachlorophenol
 Concen: 0.575 ng/ul
 RT: 16.662 min Scan# 3003
 Delta R.T. -0.000 min
 Lab File: BN018151.D
 Acq: 22 Dec 2021 15:23

Tgt Ion:266	Resp:	1582
Ion	Ratio	Lower Upper
266	100	
264	63.6	51.9 77.9
268	62.5	51.8 77.6

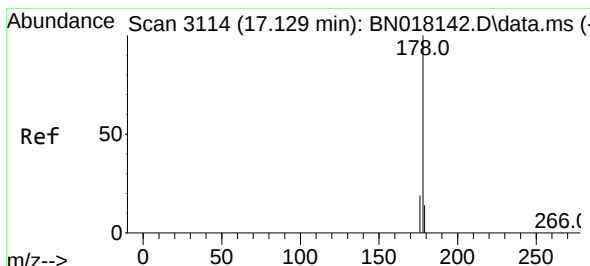
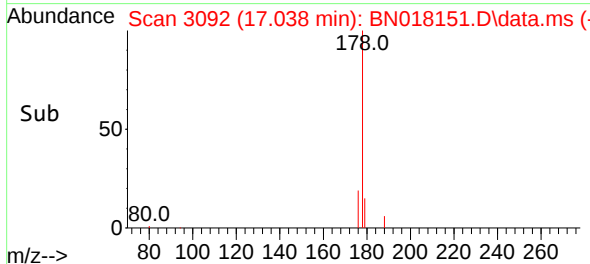
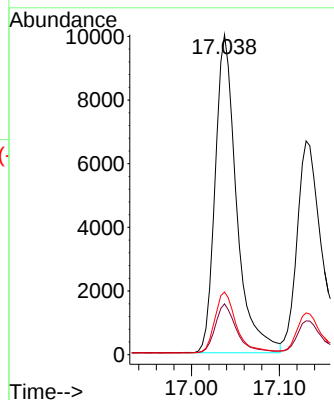
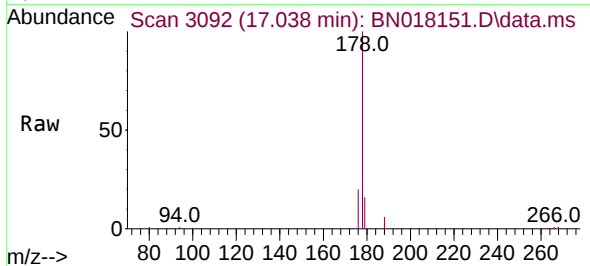




#15
Phenanthrene
Concen: 0.354 ng/ul
RT: 17.038 min Scan# 3092
Delta R.T. -0.000 min
Lab File: BN018151.D
Acq: 22 Dec 2021 15:23

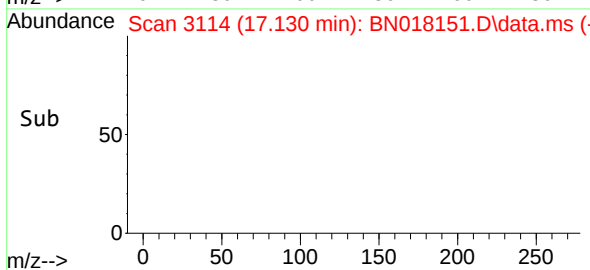
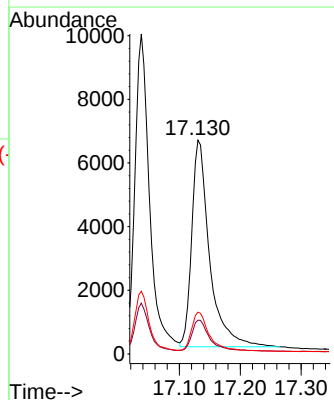
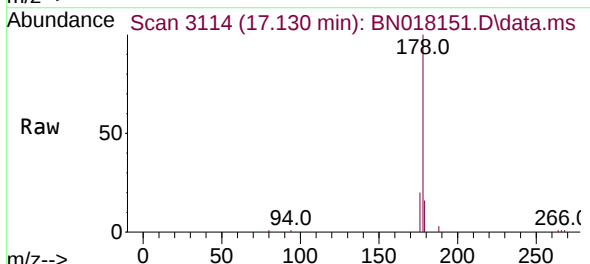
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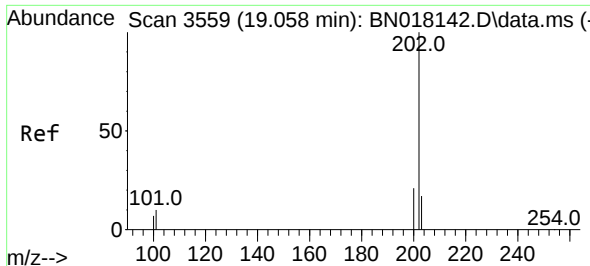
Tgt Ion:178	Resp:	16919
Ion Ratio	Lower	Upper
178	100	
179	15.9	12.4 18.6
176	19.6	15.5 23.3



#16
Anthracene
Concen: 0.341 ng/ul
RT: 17.130 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BN018151.D
Acq: 22 Dec 2021 15:23

Tgt Ion:178	Resp:	13217
Ion Ratio	Lower	Upper
178	100	
179	15.8	12.7 19.1
176	19.6	15.3 22.9

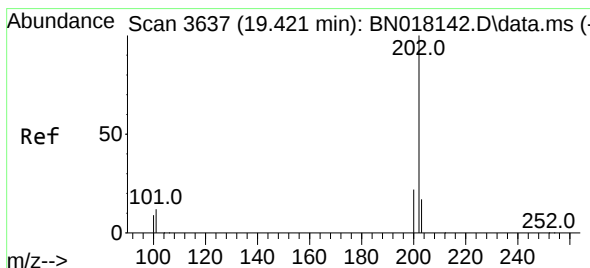
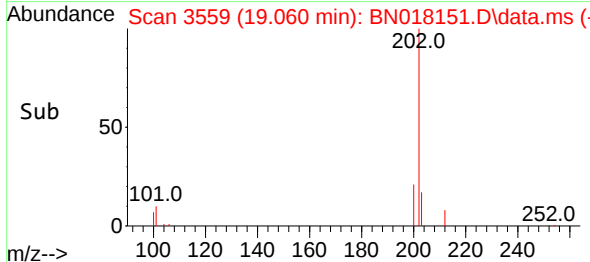
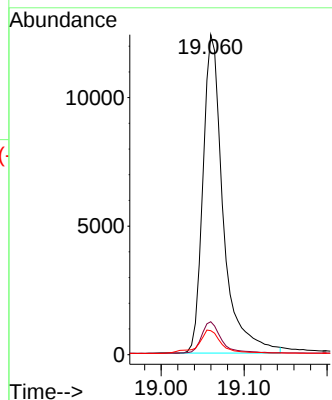
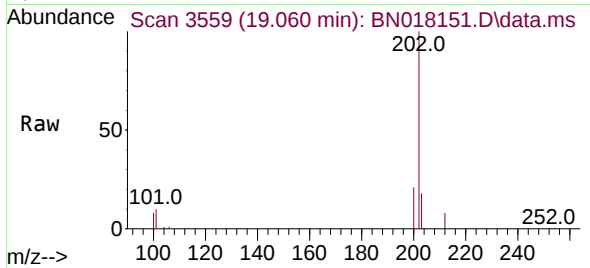




#19
Fluoranthene
Concen: 0.370 ng/ul
RT: 19.060 min Scan# 3559
Delta R.T. -0.000 min
Lab File: BN018151.D
Acq: 22 Dec 2021 15:23

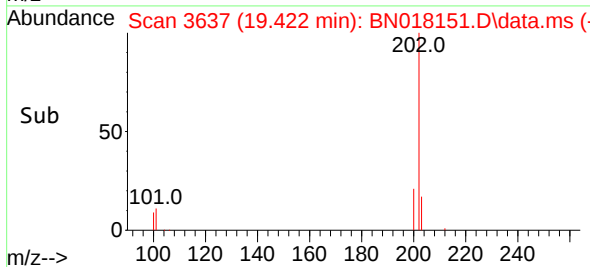
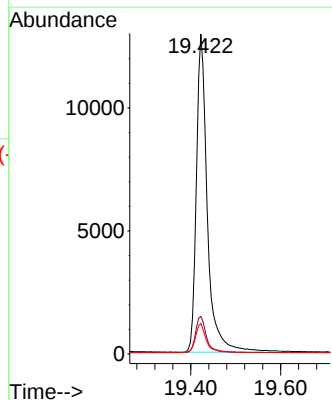
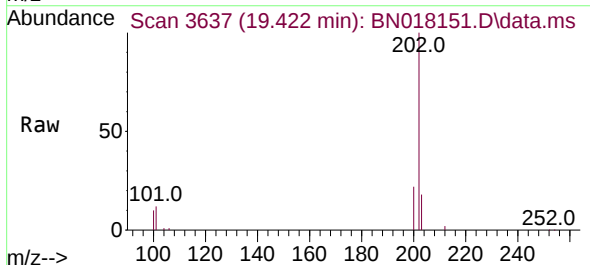
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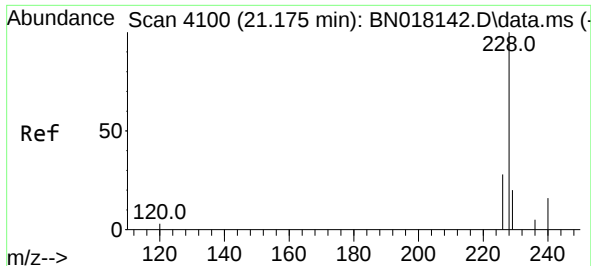
Tgt Ion:202 Resp: 21111
Ion Ratio Lower Upper
202 100
101 10.3 7.9 11.9
100 7.5 5.8 8.8



#20
Pyrene
Concen: 0.368 ng/ul
RT: 19.422 min Scan# 3637
Delta R.T. -0.000 min
Lab File: BN018151.D
Acq: 22 Dec 2021 15:23

Tgt Ion:202 Resp: 22015
Ion Ratio Lower Upper
202 100
101 11.7 8.9 13.3
100 9.5 7.0 10.4

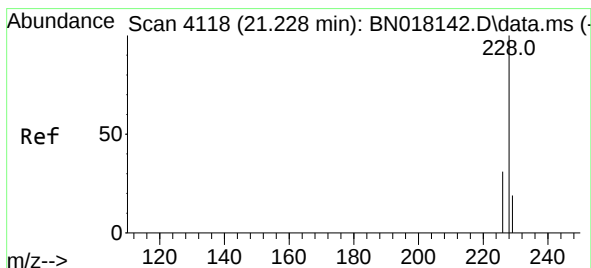
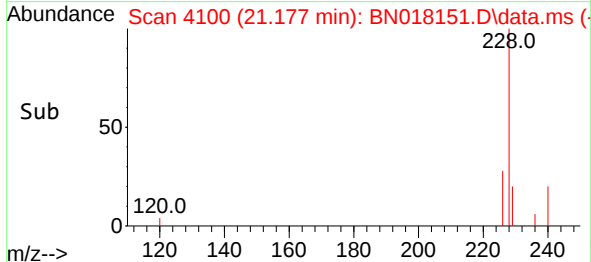
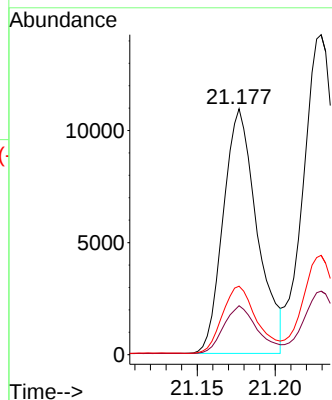
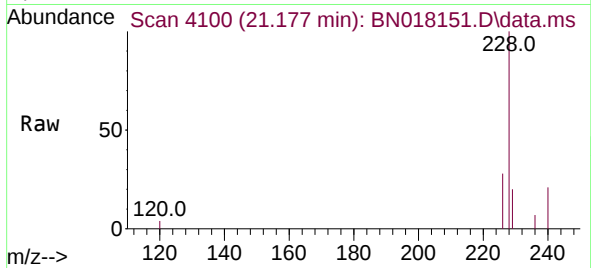




#21
Benzo(a)anthracene
Concen: 0.334 ng/ul
RT: 21.177 min Scan# 4100
Delta R.T. 0.003 min
Lab File: BN018151.D
Acq: 22 Dec 2021 15:23

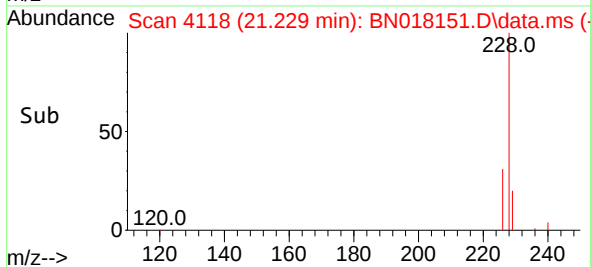
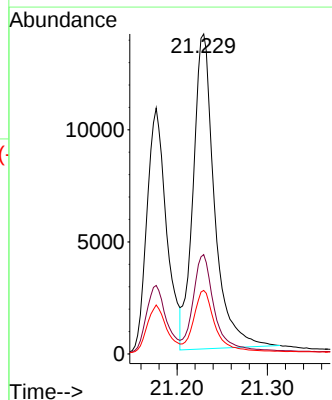
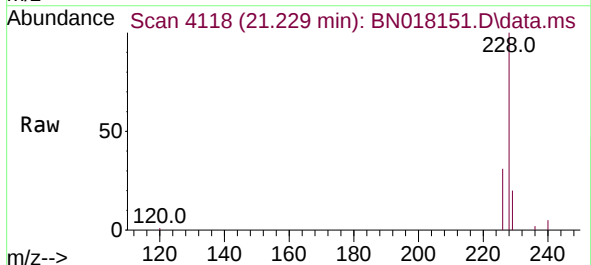
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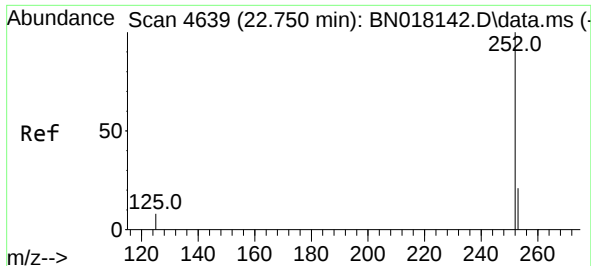
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Ion Ratio Lower Upper
228 100
229 19.9 15.3 22.9
226 27.8 22.1 33.1



#22
Chrysene
Concen: 0.380 ng/ul
RT: 21.229 min Scan# 4118
Delta R.T. 0.003 min
Lab File: BN018151.D
Acq: 22 Dec 2021 15:23

Tgt Ion:228 Resp: 23026
Ion Ratio Lower Upper
228 100
226 31.0 24.6 36.8
229 19.9 15.7 23.5

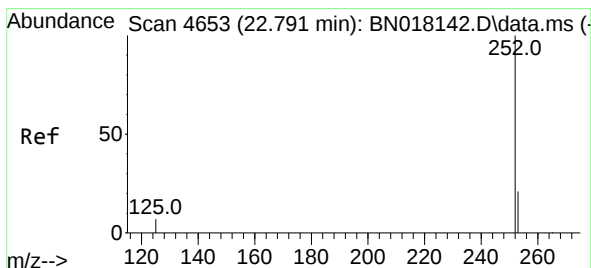
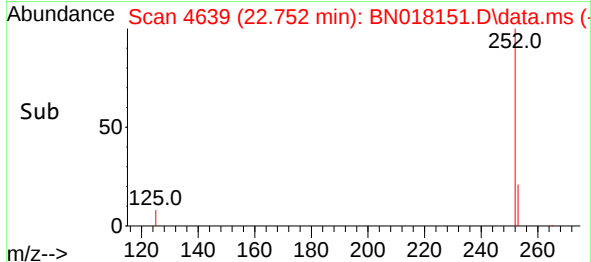
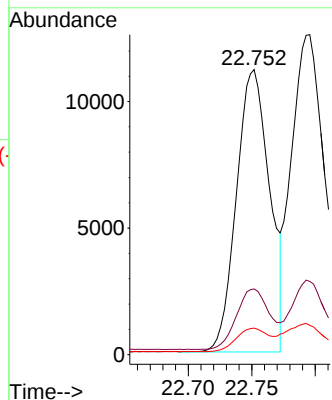
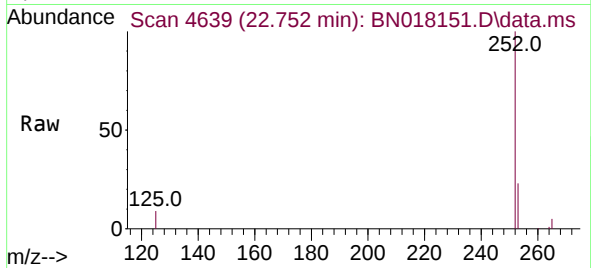




#24
Benzo(b)fluoranthene
Concen: 0.369 ng/ul
RT: 22.752 min Scan# 4639
Delta R.T. 0.006 min
Lab File: BN018151.D
Acq: 22 Dec 2021 15:23

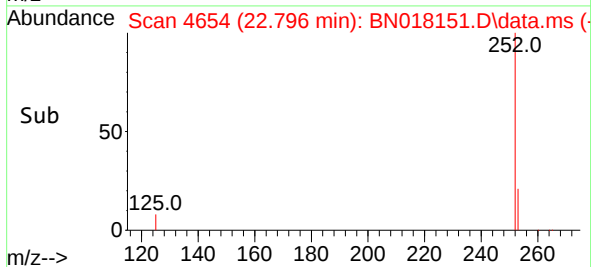
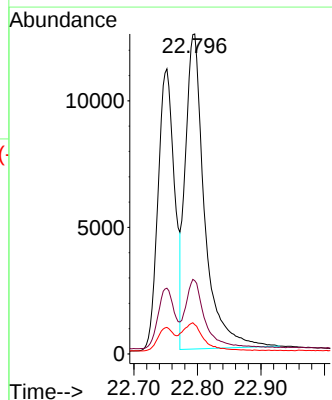
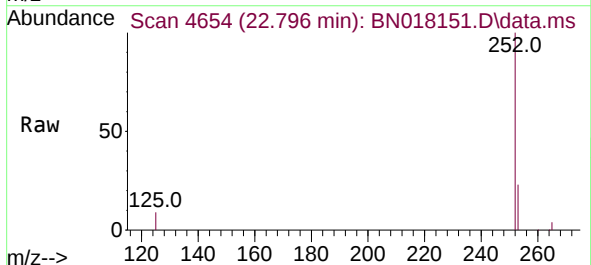
Instrument :
BNA_N
ClientSampleId :
SLCS448

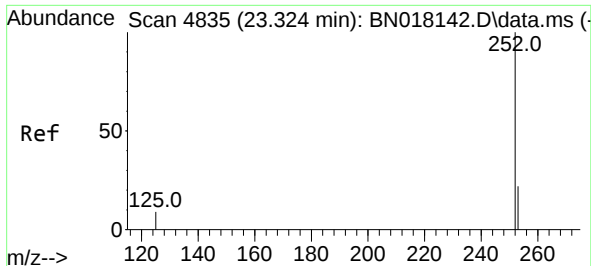
Tgt Ion:252	Resp:	20266
Ion Ratio	Lower	Upper
252	100	
253	23.0	0.0 45.2
125	9.3	0.0 18.2



#25
Benzo(k)fluoranthene
Concen: 0.382 ng/ul
RT: 22.796 min Scan# 4654
Delta R.T. 0.006 min
Lab File: BN018151.D
Acq: 22 Dec 2021 15:23

Tgt Ion:252	Resp:	26104
Ion Ratio	Lower	Upper
252	100	
253	22.9	18.2 27.4
125	9.1	7.7 11.5

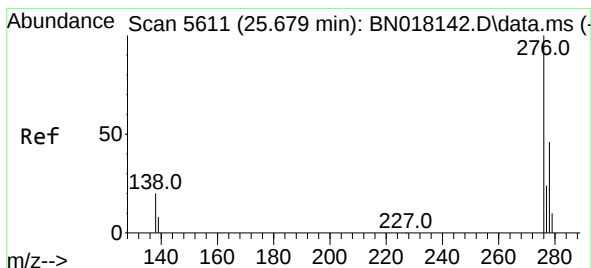
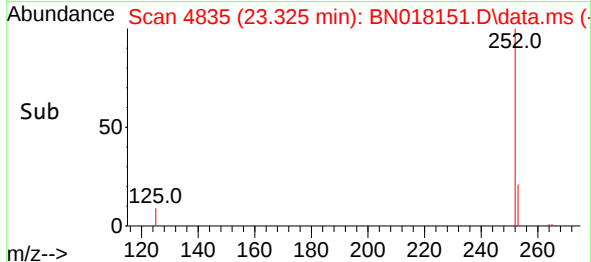
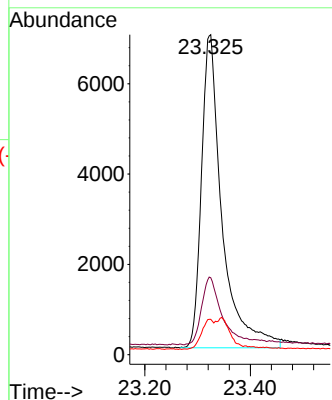
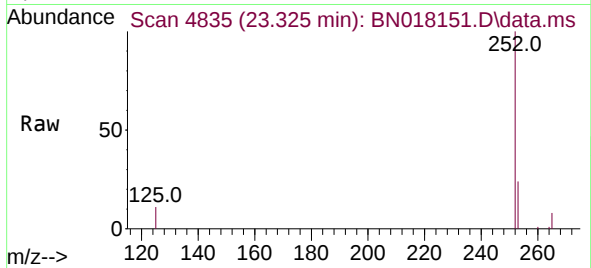




#26
Benzo(a)pyrene
Concen: 0.361 ng/ul
RT: 23.325 min Scan# 4835
Delta R.T. 0.006 min
Lab File: BN018151.D
Acq: 22 Dec 2021 15:23

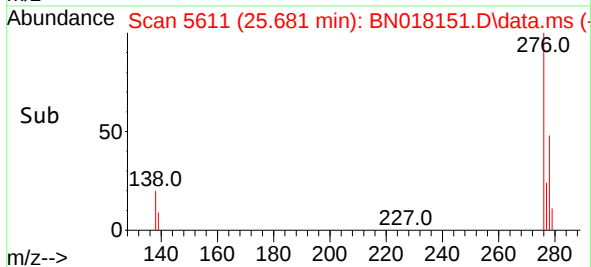
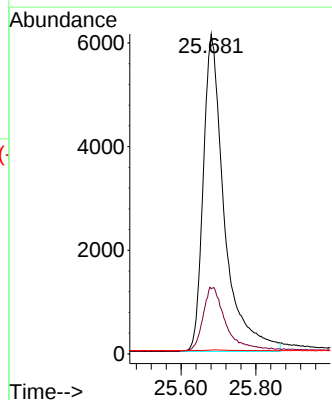
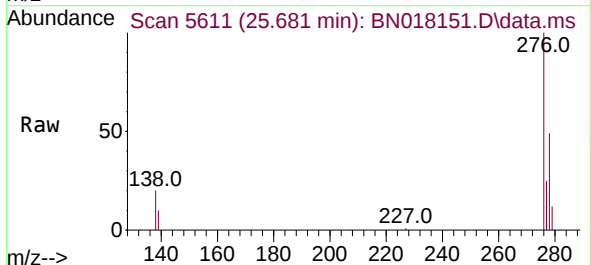
Instrument :
BNA_N
ClientSampleId :
SLCS448

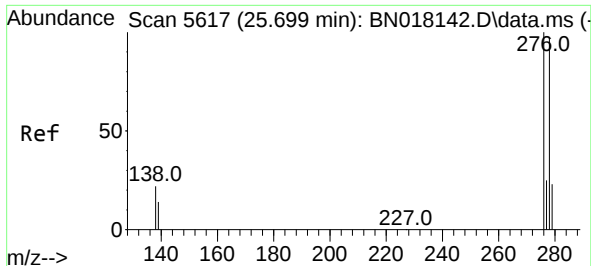
Tgt Ion:	252	Resp:	18751
Ion Ratio	Lower	Upper	
252	100		
253	24.1	18.6	28.0
125	11.0	8.8	13.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.351 ng/ul
RT: 25.681 min Scan# 5611
Delta R.T. 0.004 min
Lab File: BN018151.D
Acq: 22 Dec 2021 15:23

Tgt Ion:	276	Resp:	24020
Ion Ratio	Lower	Upper	
276	100		
138	21.8	17.7	26.5
227	0.3	0.1	0.1

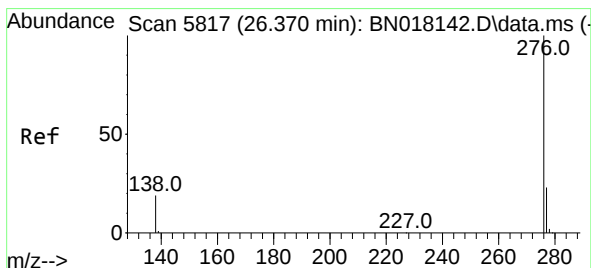
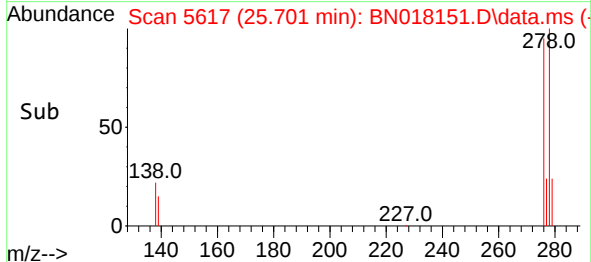
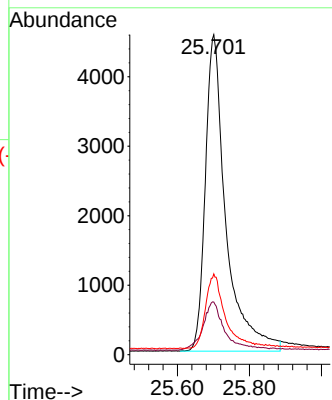
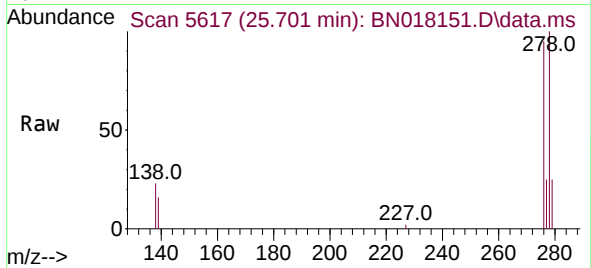




#28
Dibenzo(a,h)anthracene
Concen: 0.348 ng/ul
RT: 25.701 min Scan# 5617
Delta R.T. 0.004 min
Lab File: BN018151.D
Acq: 22 Dec 2021 15:23

Instrument :
BNA_N
ClientSampleId :
SLCS448

Tgt Ion:278 Resp: 18062
Ion Ratio Lower Upper
278 100
139 16.4 13.1 19.7
279 25.2 20.6 31.0



#29
Benzo(g,h,i)perylene
Concen: 0.360 ng/ul
RT: 26.368 min Scan# 5816
Delta R.T. 0.000 min
Lab File: BN018151.D
Acq: 22 Dec 2021 15:23

Tgt Ion:276 Resp: 20345
Ion Ratio Lower Upper
276 100
138 19.5 15.8 23.8
277 24.6 19.7 29.5

