

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121621\
 Data File : BN018068.D
 Acq On : 16 Dec 2021 18:39
 Operator : CG/JU
 Sample : PB141436BS
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS436

Quant Time: Dec 17 02:24:18 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)

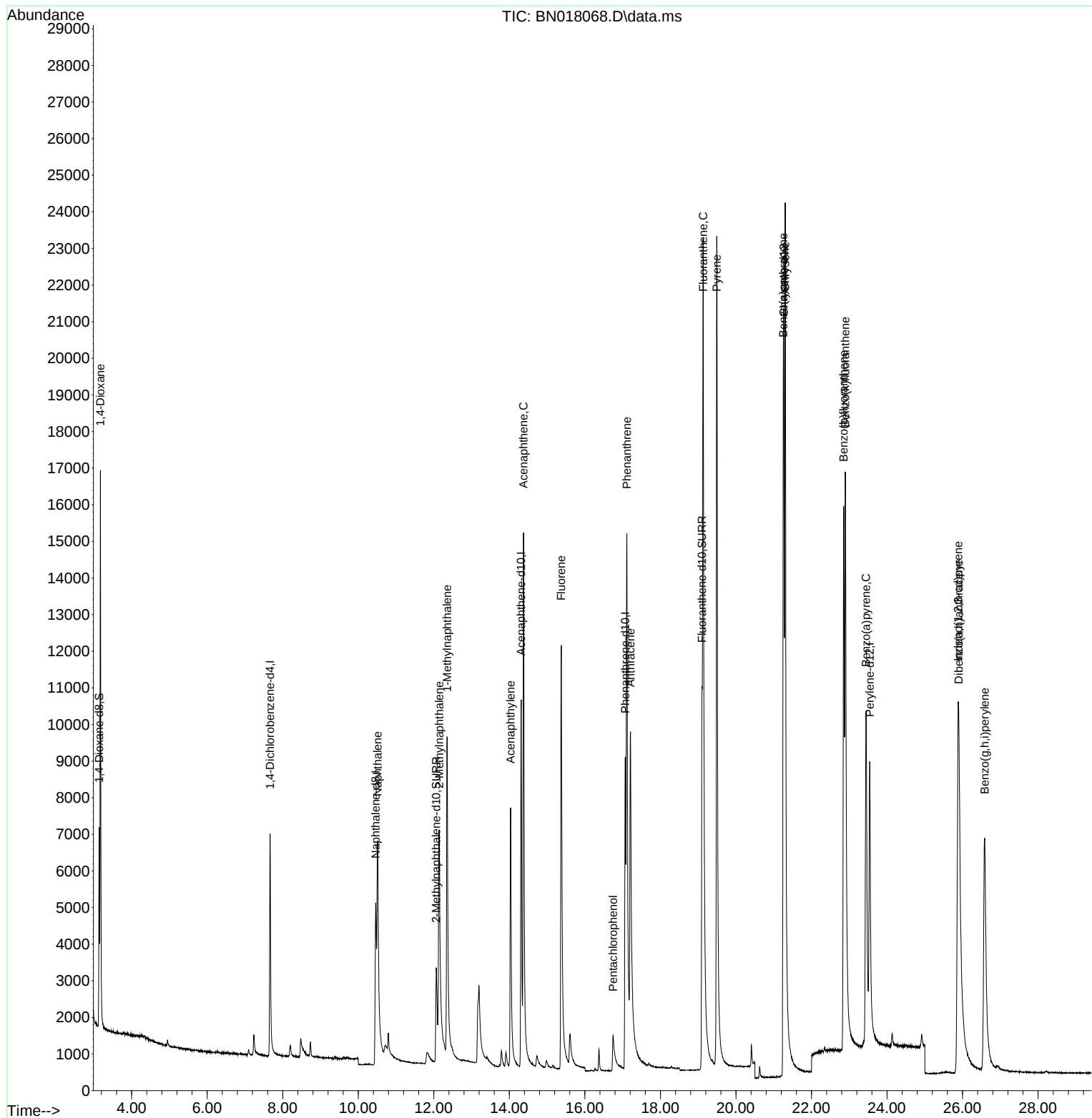
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.666	152	3860	0.400	ng/ul	0.00
4) Naphthalene-d8	10.460	136	11825	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.314	164	7367	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.071	188	14657	0.400	ng/ul	0.00
17) Chrysene-d12	21.267	240	14946	0.400	ng/ul #	0.00
23) Perylene-d12	23.541	264	12364	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	3381	0.844	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.066	152	6103	0.443	ng/ul	0.00
18) Fluoranthene-d10	19.102	212	20323	0.477	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.173	88	9684	2.058	ng/ul#	43
5) Naphthalene	10.509	128	13751	0.424	ng/ul	98
7) 2-Methylnaphthalene	12.143	142	7930	0.435	ng/ul	100
8) 1-Methylnaphthalene	12.352	142	8804	0.416	ng/ul	99
10) Acenaphthylene	14.032	152	12899	0.432	ng/ul	99
11) Acenaphthene	14.374	153	11530	0.435	ng/ul	97
12) Fluorene	15.374	166	12822	0.438	ng/ul	99
14) Pentachlorophenol	16.746	266	1665	0.649	ng/ul	99
15) Phenanthrene	17.109	178	22044	0.434	ng/ul	99
16) Anthracene	17.206	178	17481	0.437	ng/ul	99
19) Fluoranthene	19.130	202	28393	0.471	ng/ul	99
20) Pyrene	19.492	202	31265	0.464	ng/ul	94
21) Benzo(a)anthracene	21.253	228	19381	0.436	ng/ul	98
22) Chrysene	21.302	228	30314	0.475	ng/ul	99
24) Benzo(b)fluoranthene	22.851	252	24254	0.491	ng/ul	85
25) Benzo(k)fluoranthene	22.895	252	30814	0.467	ng/ul#	83
26) Benzo(a)pyrene	23.442	252	22256	0.466	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	25.882	276	24596	0.458	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.902	278	17930	0.456	ng/ul#	84
29) Benzo(g,h,i)perylene	26.586	276	21236	0.461	ng/ul#	87

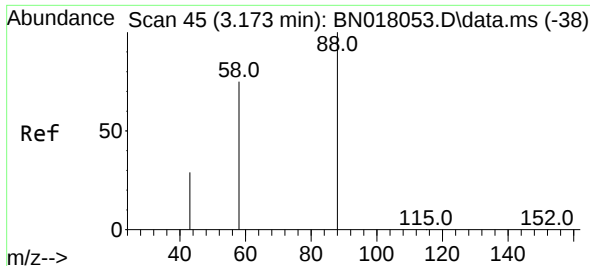
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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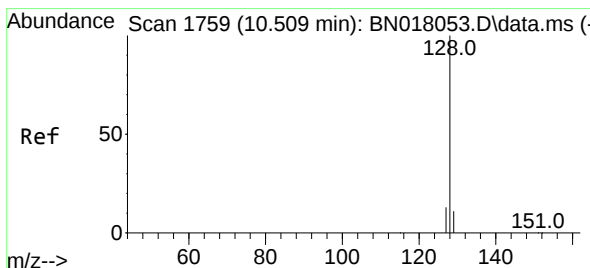
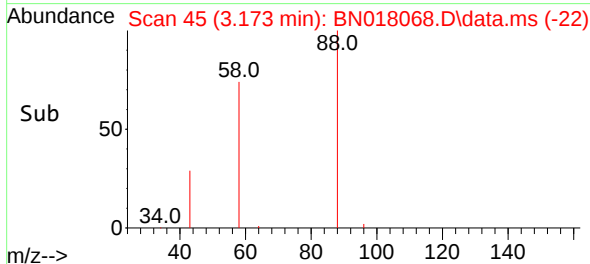
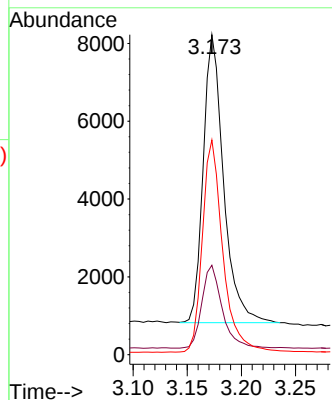
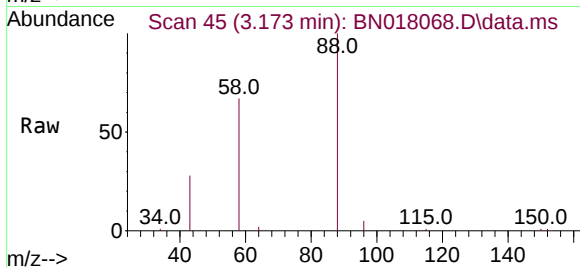




#2
1,4-Dioxane
Concen: 2.058 ng/ul
RT: 3.173 min Scan# 45
Delta R.T. -0.004 min
Lab File: BN018068.D
Acq: 16 Dec 2021 18:39

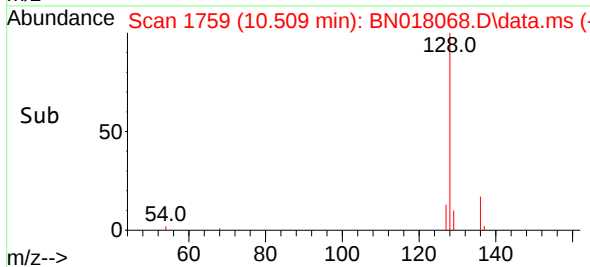
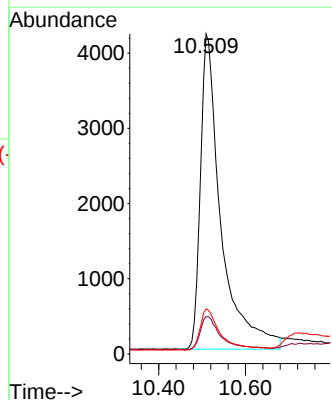
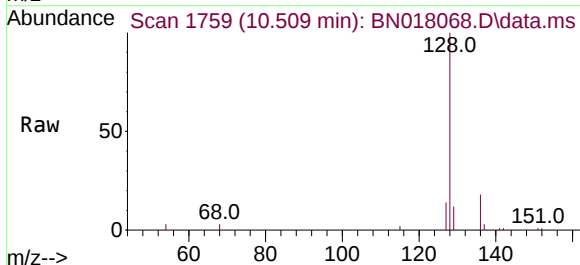
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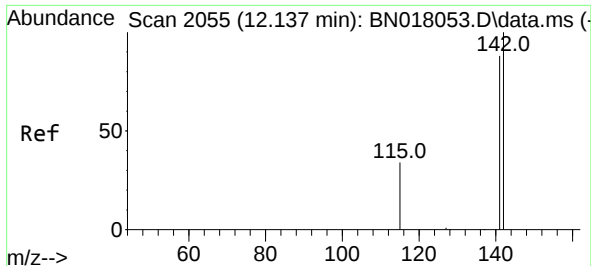
Tgt Ion: 88 Resp: 9684
Ion Ratio Lower Upper
88 100
43 27.9 85.8 128.6#
58 67.1 43.4 65.0#



#5
Naphthalene
Concen: 0.424 ng/ul
RT: 10.509 min Scan# 1759
Delta R.T. 0.000 min
Lab File: BN018068.D
Acq: 16 Dec 2021 18:39

Tgt Ion: 128 Resp: 13751
Ion Ratio Lower Upper
128 100
129 11.7 10.4 15.6
127 14.1 11.8 17.6

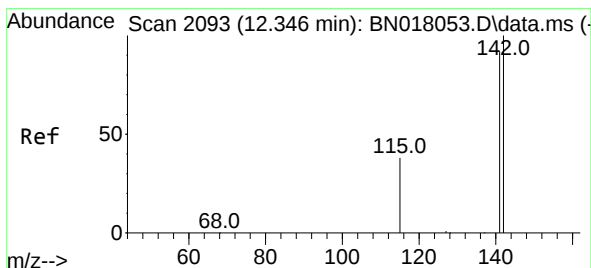
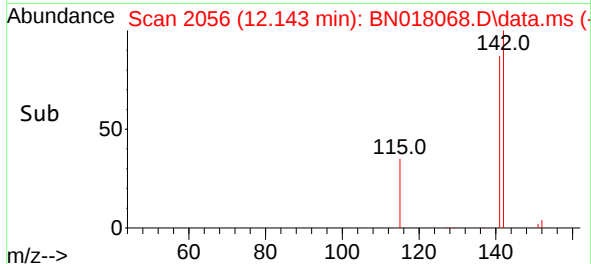
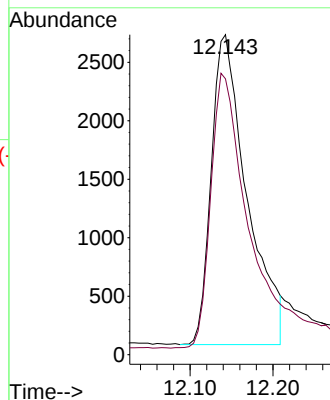
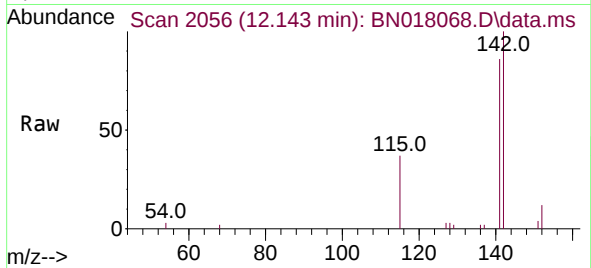




#7
2-Methylnaphthalene
Concen: 0.435 ng/ul
RT: 12.143 min Scan# 2056
Delta R.T. 0.006 min
Lab File: BN018068.D
Acq: 16 Dec 2021 18:39

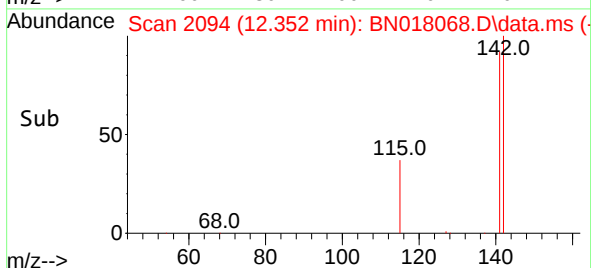
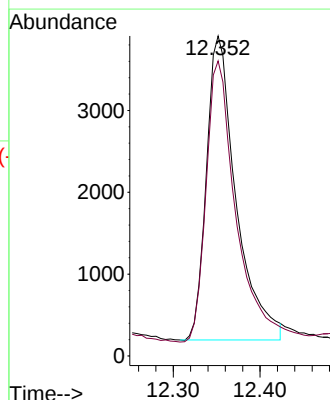
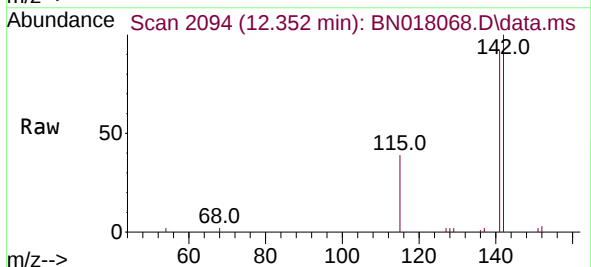
Instrument :
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ClientSampleId :
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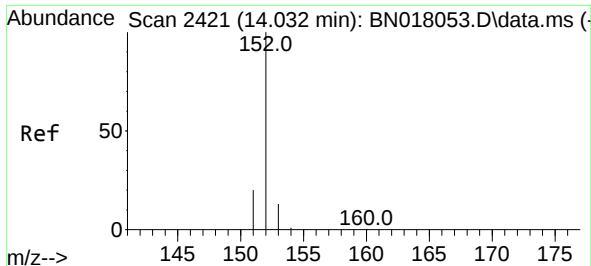
Tgt Ion:142 Resp: 7930
Ion Ratio Lower Upper
142 100
141 89.1 71.5 107.3



#8
1-Methylnaphthalene
Concen: 0.416 ng/ul
RT: 12.352 min Scan# 2094
Delta R.T. 0.000 min
Lab File: BN018068.D
Acq: 16 Dec 2021 18:39

Tgt Ion:142 Resp: 8804
Ion Ratio Lower Upper
142 100
141 92.6 73.3 109.9

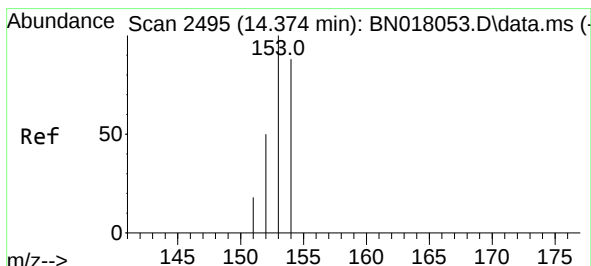
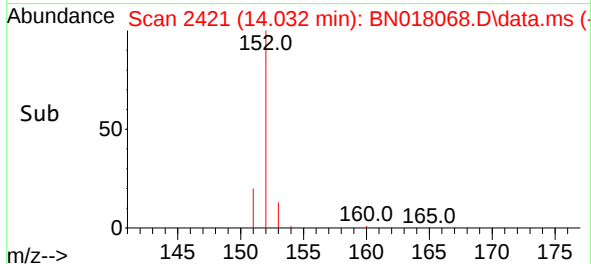
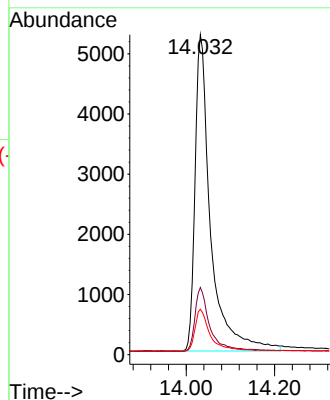
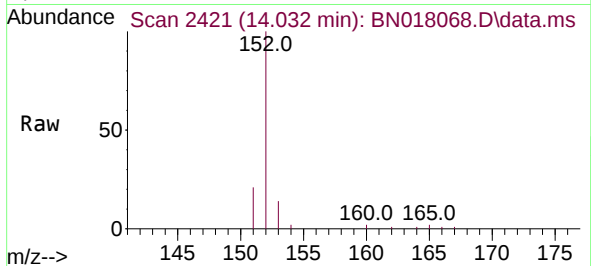




#10
Acenaphthylene
Concen: 0.432 ng/ul
RT: 14.032 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BN018068.D
Acq: 16 Dec 2021 18:39

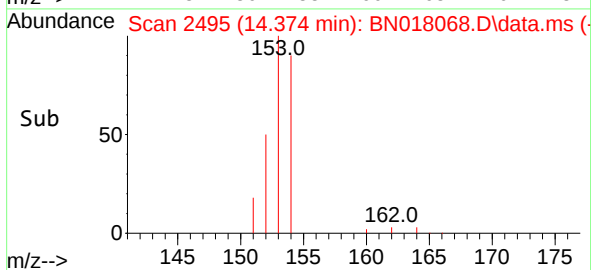
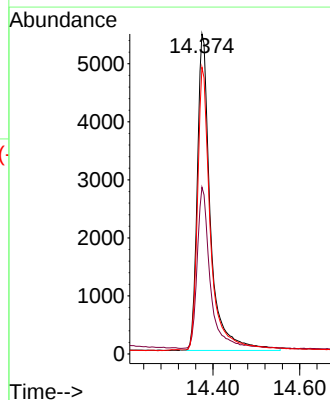
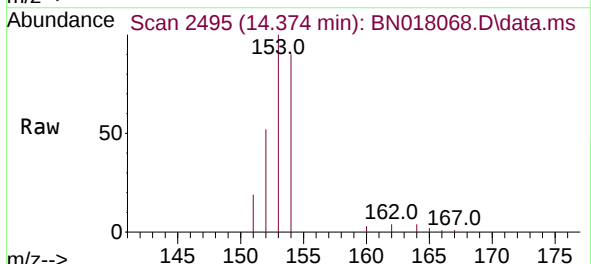
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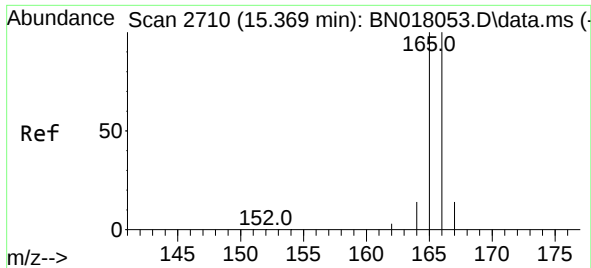
Tgt Ion:152 Resp: 12899
Ion Ratio Lower Upper
152 100
151 21.0 16.4 24.6
153 14.2 11.1 16.7



#11
Acenaphthene
Concen: 0.435 ng/ul
RT: 14.374 min Scan# 2495
Delta R.T. 0.000 min
Lab File: BN018068.D
Acq: 16 Dec 2021 18:39

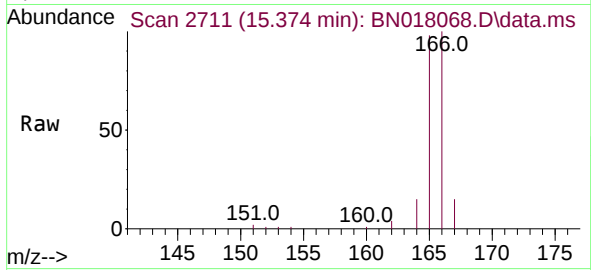
Tgt Ion:153 Resp: 11530
Ion Ratio Lower Upper
153 100
152 52.1 38.3 57.5
154 89.6 71.1 106.7



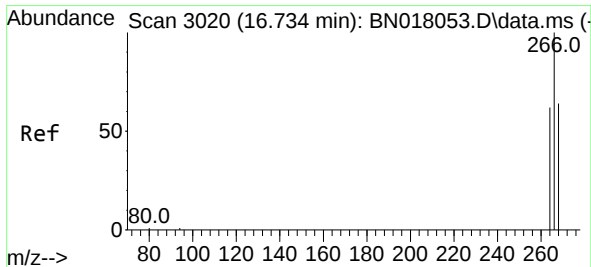
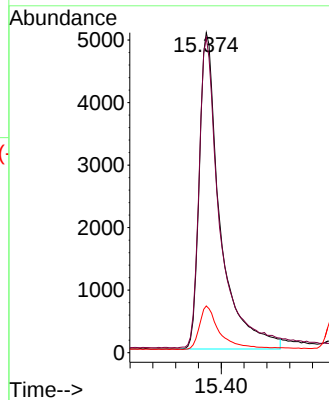
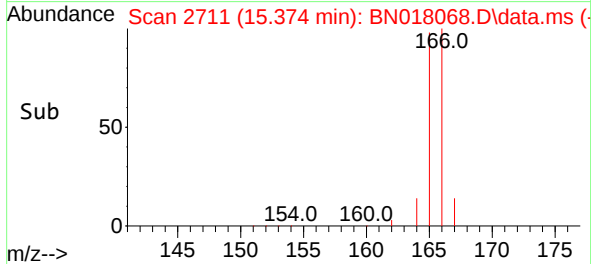


#12
 Fluorene
 Concen: 0.438 ng/ul
 RT: 15.374 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN018068.D
 Acq: 16 Dec 2021 18:39

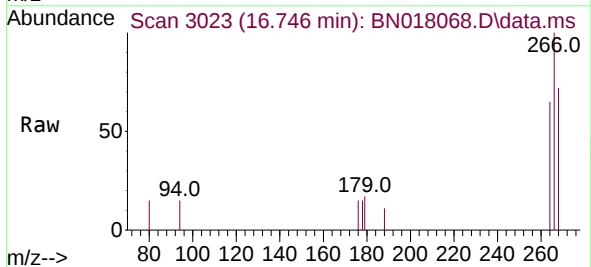
Instrument :
 BNA_N
 ClientSampleId :
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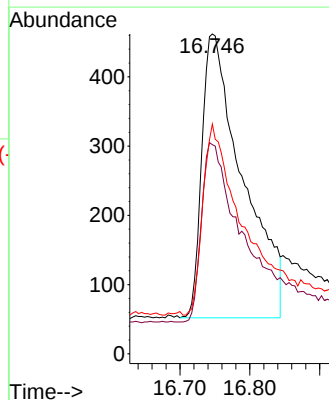
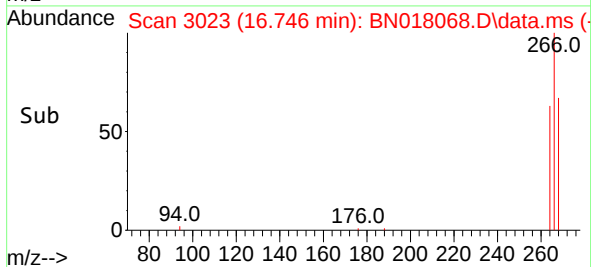
Tgt Ion:166 Resp: 12822
 Ion Ratio Lower Upper
 166 100
 165 98.5 79.2 118.8
 167 14.6 11.2 16.8

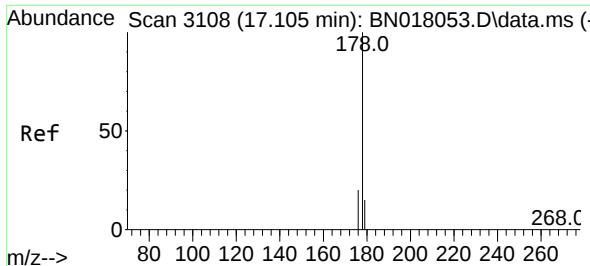


#14
 Pentachlorophenol
 Concen: 0.649 ng/ul
 RT: 16.746 min Scan# 3023
 Delta R.T. -0.008 min
 Lab File: BN018068.D
 Acq: 16 Dec 2021 18:39



Tgt Ion:266 Resp: 1665
 Ion Ratio Lower Upper
 266 100
 264 61.8 50.3 75.5
 268 64.4 52.2 78.4

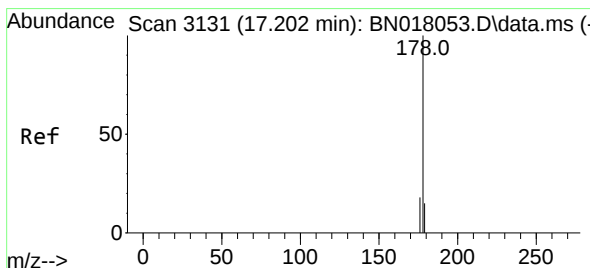
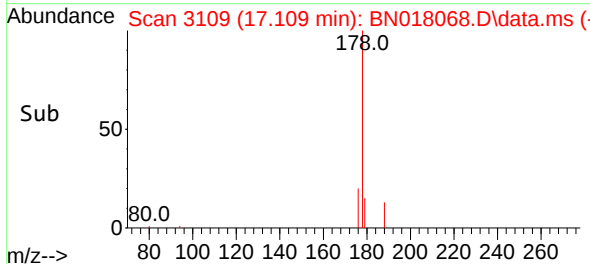
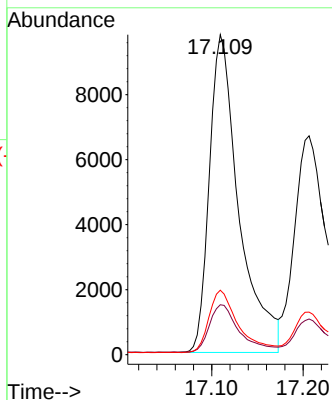
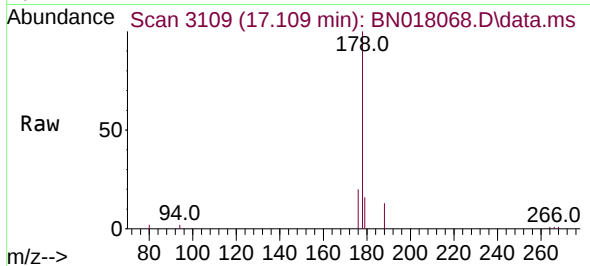




#15
Phenanthrene
Concen: 0.434 ng/ul
RT: 17.109 min Scan# 3109
Delta R.T. 0.000 min
Lab File: BN018068.D
Acq: 16 Dec 2021 18:39

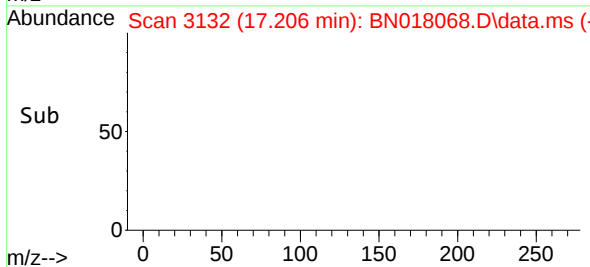
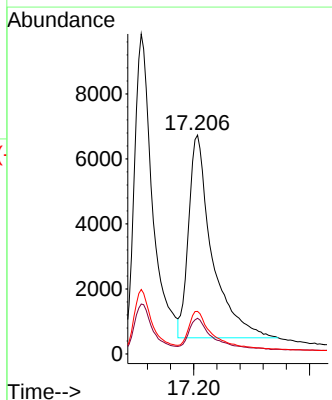
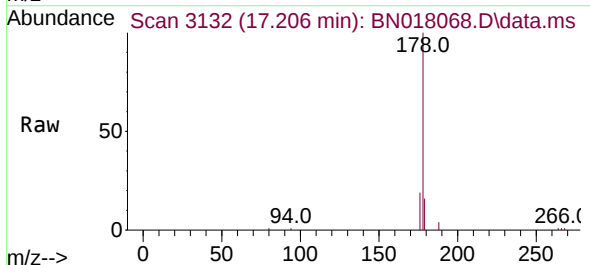
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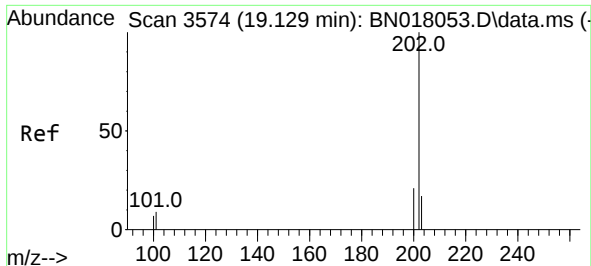
Tgt Ion:	178	Resp:	22044
Ion Ratio	Lower	Upper	
178	100		
179	15.6	13.0	19.4
176	20.2	15.6	23.4



#16
Anthracene
Concen: 0.437 ng/ul
RT: 17.206 min Scan# 3132
Delta R.T. 0.000 min
Lab File: BN018068.D
Acq: 16 Dec 2021 18:39

Tgt Ion:	178	Resp:	17481
Ion Ratio	Lower	Upper	
178	100		
179	16.3	13.3	19.9
176	19.5	15.1	22.7

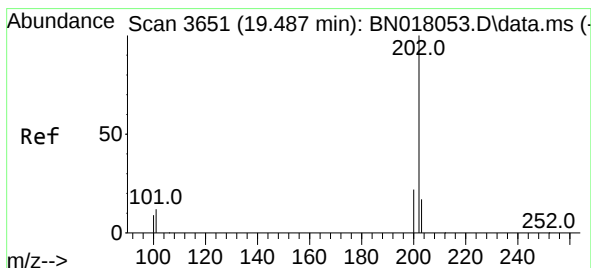
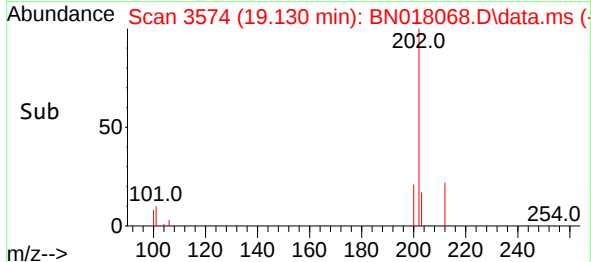
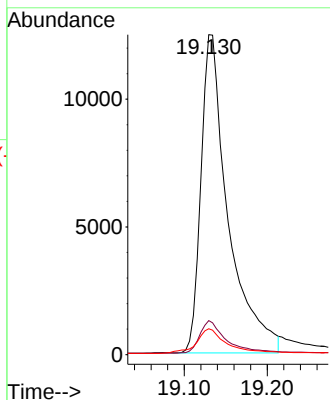
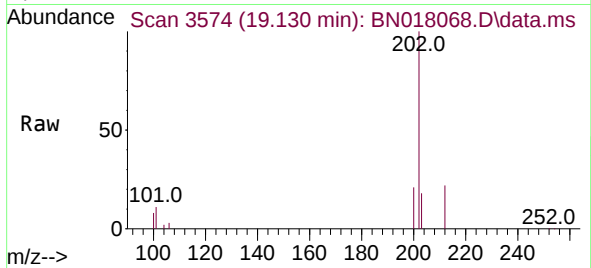




#19
Fluoranthene
Concen: 0.471 ng/ul
RT: 19.130 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN018068.D
Acq: 16 Dec 2021 18:39

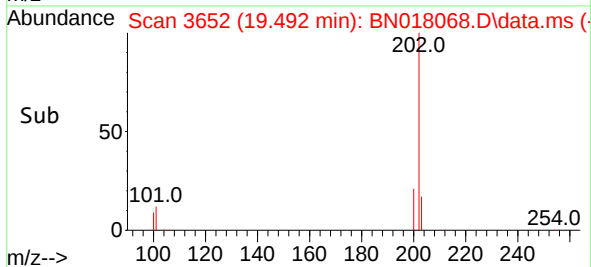
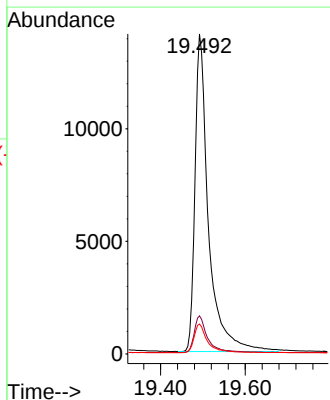
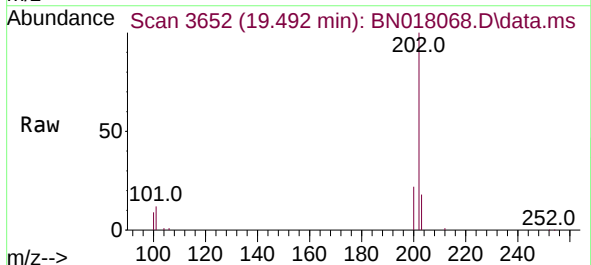
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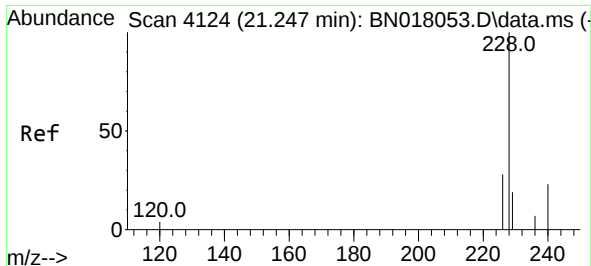
Tgt Ion:	202	Resp:	28393
Ion Ratio	Lower	Upper	
202	100		
101	10.6	9.0	13.4
100	8.1	6.8	10.2



#20
Pyrene
Concen: 0.464 ng/ul
RT: 19.492 min Scan# 3652
Delta R.T. 0.000 min
Lab File: BN018068.D
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Tgt Ion:	202	Resp:	31265
Ion Ratio	Lower	Upper	
202	100		
101	11.9	11.4	17.2
100	9.4	9.4	14.0

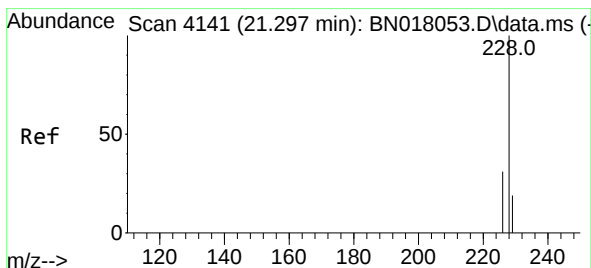
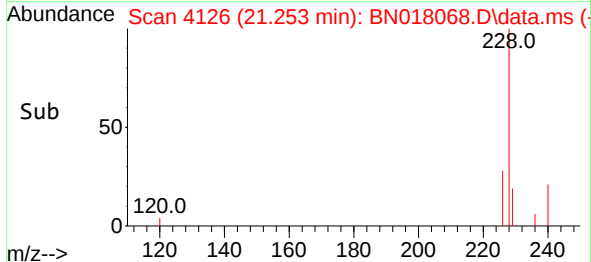
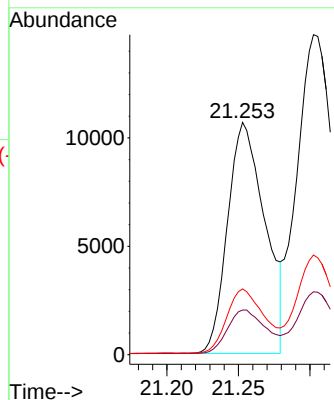
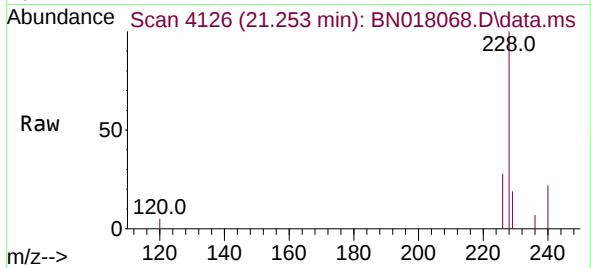




#21
Benzo(a)anthracene
Concen: 0.436 ng/ul
RT: 21.253 min Scan# 4126
Delta R.T. 0.003 min
Lab File: BN018068.D
Acq: 16 Dec 2021 18:39

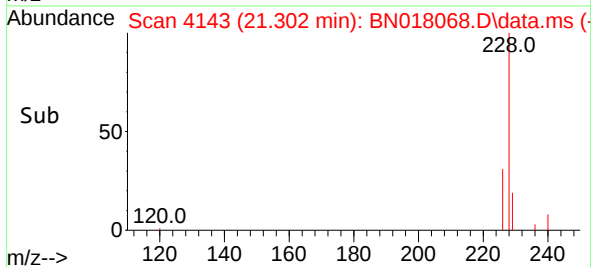
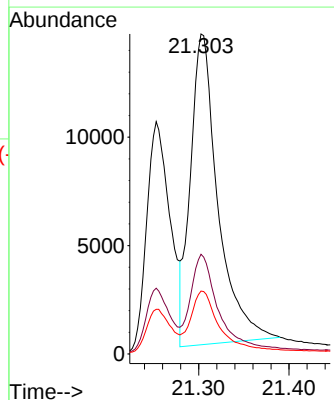
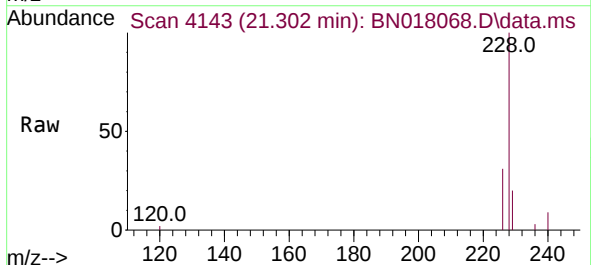
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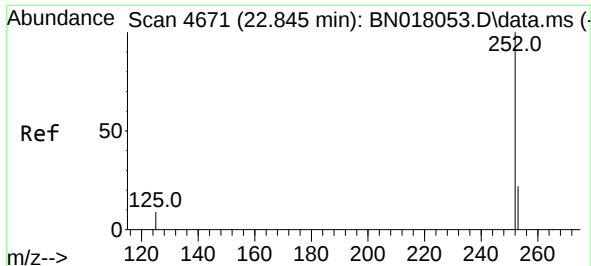
Tgt Ion:228	Resp:	19381
Ion Ratio	Lower	Upper
228	100	
229	19.2	15.8 23.6
226	28.3	21.8 32.8



#22
Chrysene
Concen: 0.475 ng/ul
RT: 21.302 min Scan# 4143
Delta R.T. 0.003 min
Lab File: BN018068.D
Acq: 16 Dec 2021 18:39

Tgt Ion:228	Resp:	30314
Ion Ratio	Lower	Upper
228	100	
226	31.2	23.9 35.9
229	19.7	15.7 23.5

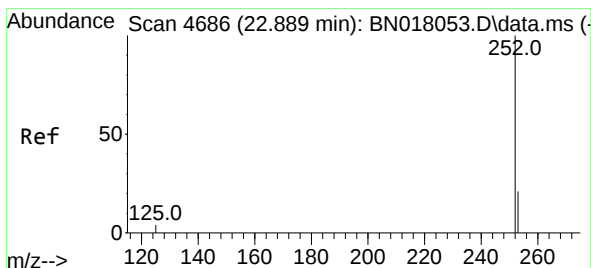
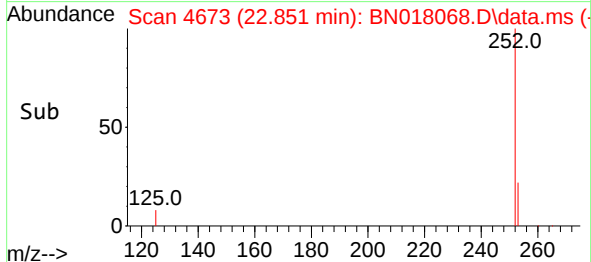
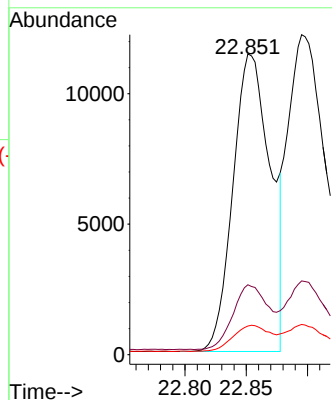
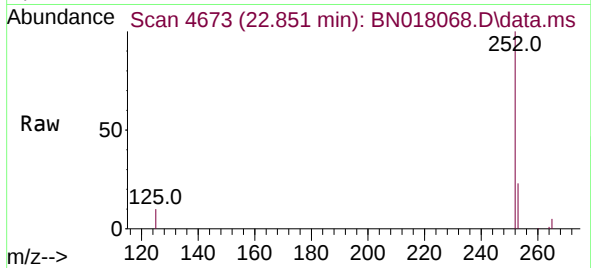




#24
Benzo(b)fluoranthene
Concen: 0.491 ng/ul
RT: 22.851 min Scan# 4673
Delta R.T. 0.000 min
Lab File: BN018068.D
Acq: 16 Dec 2021 18:39

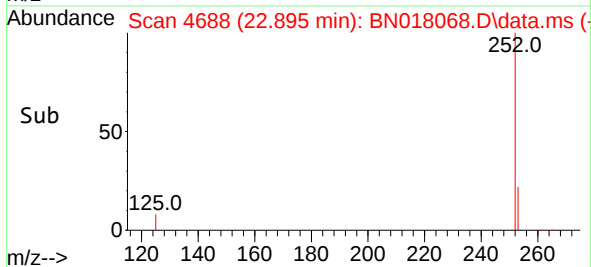
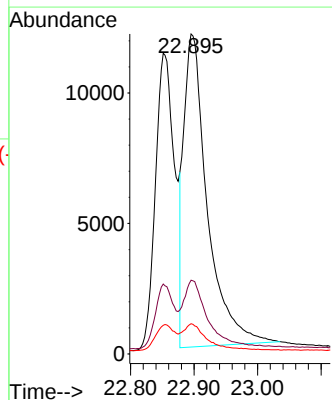
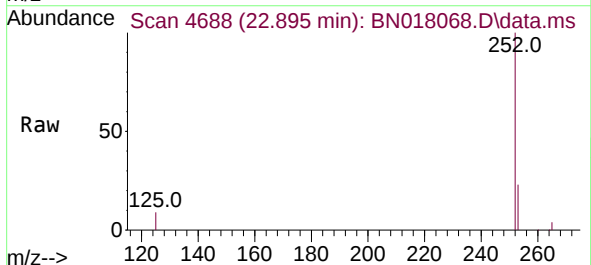
Instrument :
BNA_N
ClientSampleId :
SLCS436

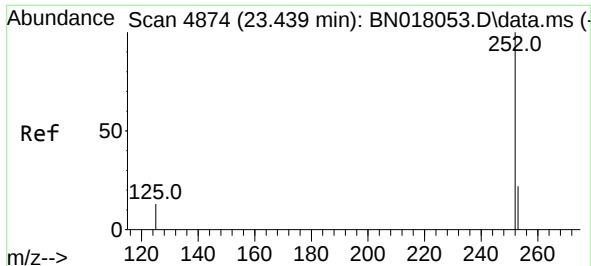
Tgt Ion:252 Resp: 24254
Ion Ratio Lower Upper
252 100
253 23.2 0.0 57.6
125 9.5 0.0 39.0



#25
Benzo(k)fluoranthene
Concen: 0.467 ng/ul
RT: 22.895 min Scan# 4688
Delta R.T. 0.003 min
Lab File: BN018068.D
Acq: 16 Dec 2021 18:39

Tgt Ion:252 Resp: 30814
Ion Ratio Lower Upper
252 100
253 23.0 23.1 34.7#
125 9.4 17.1 25.7#

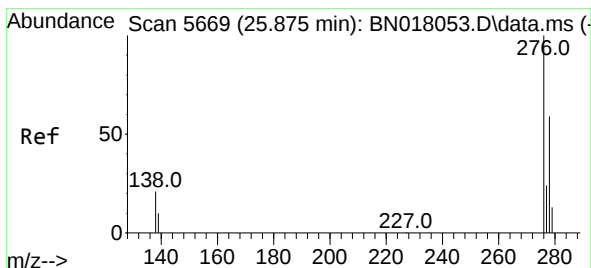
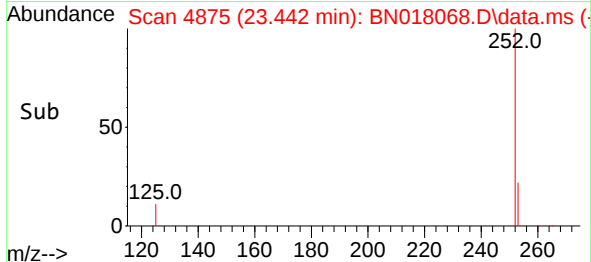
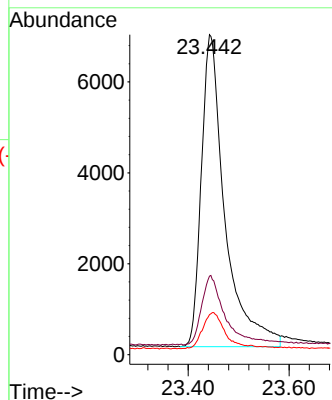
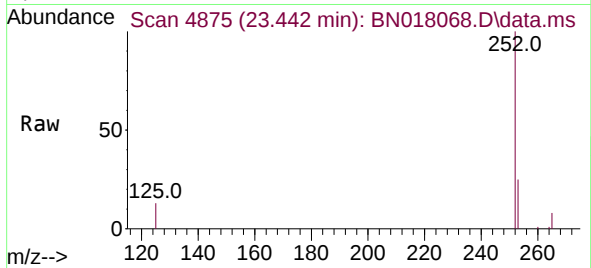




#26
Benzo(a)pyrene
Concen: 0.466 ng/ul
RT: 23.442 min Scan# 4875
Delta R.T. 0.003 min
Lab File: BN018068.D
Acq: 16 Dec 2021 18:39

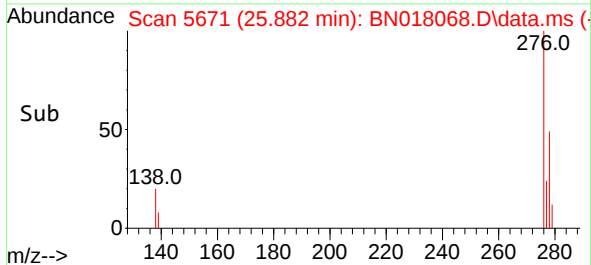
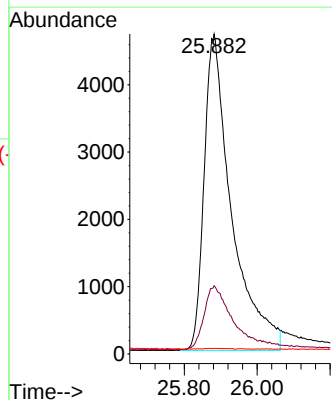
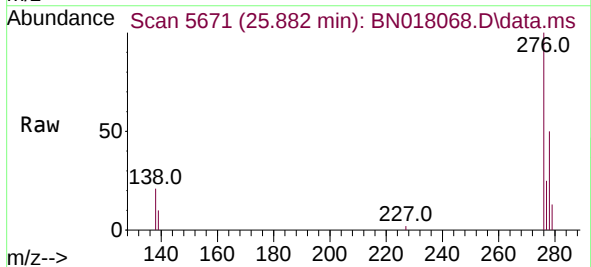
Instrument :
BNA_N
ClientSampleId :
SLCS436

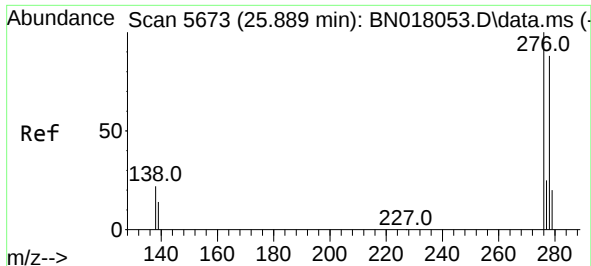
Tgt Ion:252 Resp: 22256
Ion Ratio Lower Upper
252 100
253 24.5 25.0 37.4#
125 12.5 19.3 28.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.458 ng/ul
RT: 25.882 min Scan# 5671
Delta R.T. 0.007 min
Lab File: BN018068.D
Acq: 16 Dec 2021 18:39

Tgt Ion:276 Resp: 24596
Ion Ratio Lower Upper
276 100
138 21.9 0.1 0.1#
227 0.0 0.0 0.0

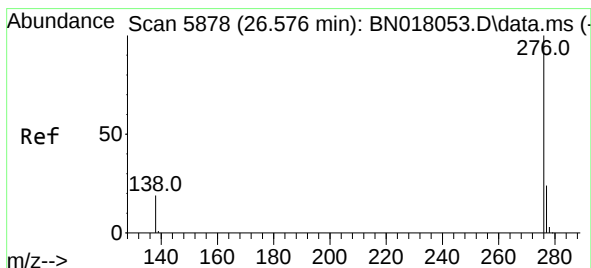
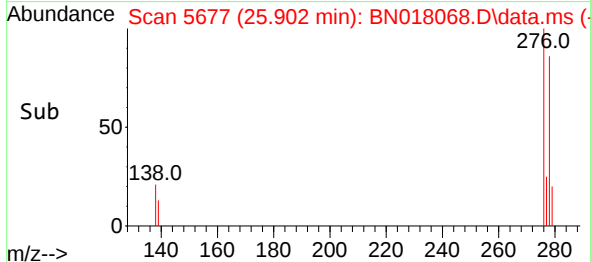
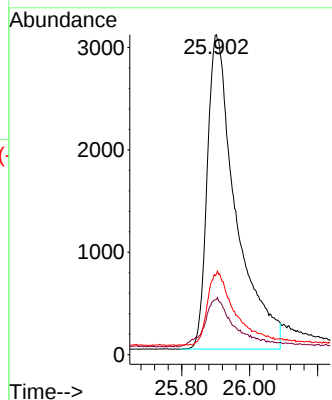
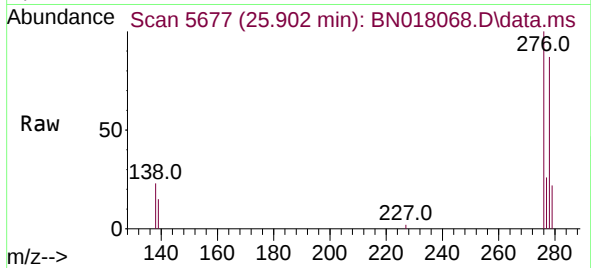




#28
Dibenzo(a,h)anthracene
Concen: 0.456 ng/ul
RT: 25.902 min Scan# 5677
Delta R.T. 0.004 min
Lab File: BN018068.D
Acq: 16 Dec 2021 18:39

Instrument :
BNA_N
ClientSampleId :
SLCS436

Tgt Ion:278 Resp: 17930
Ion Ratio Lower Upper
278 100
139 17.2 21.8 32.8#
279 25.2 26.3 39.5#



#29
Benzo(g,h,i)perylene
Concen: 0.461 ng/ul
RT: 26.586 min Scan# 5881
Delta R.T. 0.011 min
Lab File: BN018068.D
Acq: 16 Dec 2021 18:39

Tgt Ion:276 Resp: 21236
Ion Ratio Lower Upper
276 100
138 19.8 24.5 36.7#
277 24.4 21.2 31.8

