

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121621\
 Data File : BN018026.D
 Acq On : 15 Dec 2021 15:51
 Operator : CG/JU
 Sample : SST0.846
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.8246

Quant Time: Dec 15 17:20:29 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 17:18:54 2021
 Response via : Initial Calibration

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

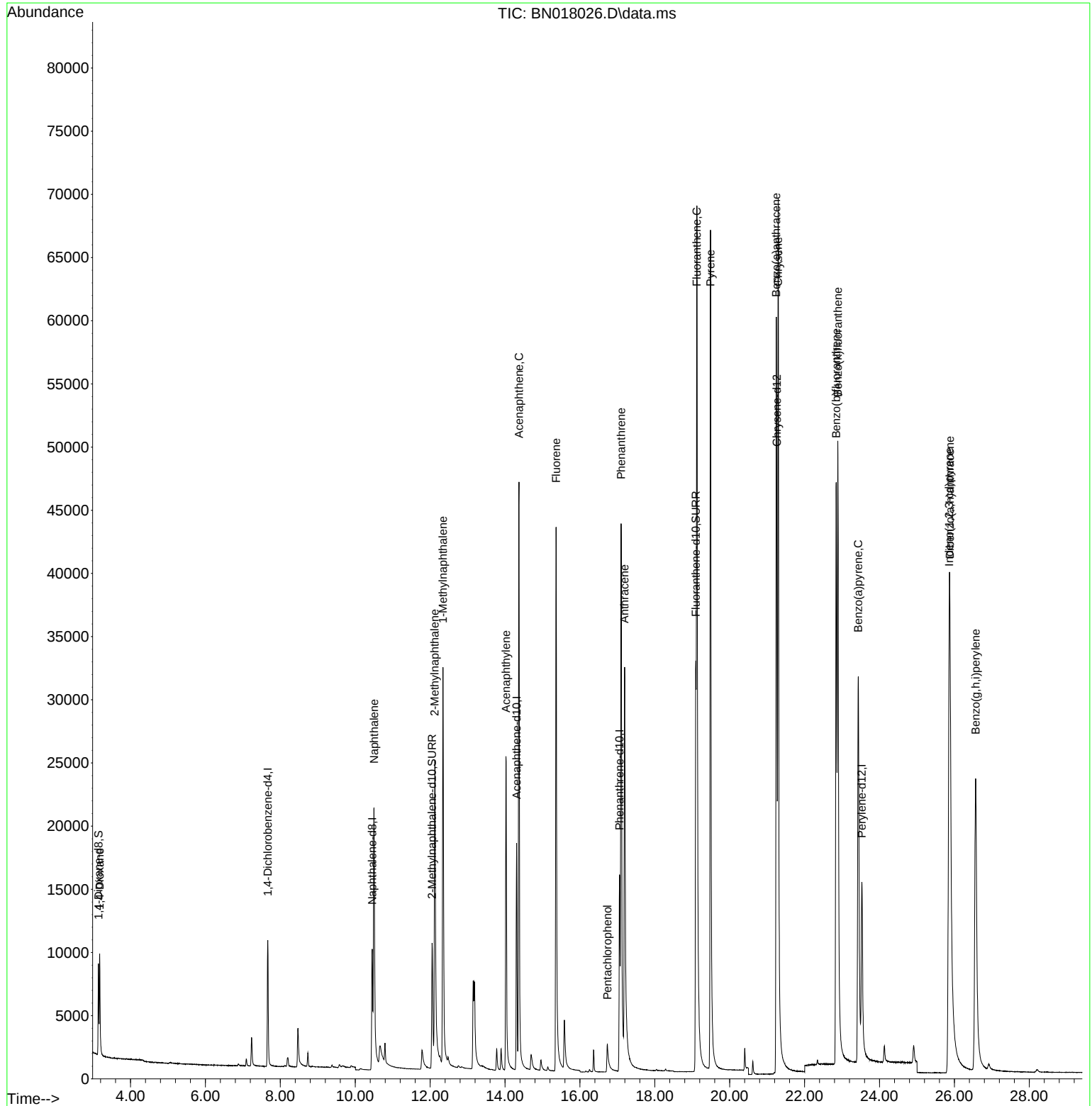
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.666	152	5812	0.400	ng/ul	0.00
4) Naphthalene-d8	10.453	136	17416	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.308	164	10965	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.057	188	23254	0.400	ng/ul	0.00
17) Chrysene-d12	21.257	240	24003	0.400	ng/ul	# 0.00
23) Perylene-d12	23.528	264	21464	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	4846	0.760	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.053	152	18211	0.677	ng/ul	-0.01
18) Fluoranthene-d10	19.096	212	53419	0.619	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.177	88	5404	0.657	ng/ul#	46
5) Naphthalene	10.502	128	38597	0.802	ng/ul	96
7) 2-Methylnaphthalene	12.125	142	24277	0.704	ng/ul	99
8) 1-Methylnaphthalene	12.345	142	26178	0.768	ng/ul	100
10) Acenaphthylene	14.026	152	35816	0.680	ng/ul	99
11) Acenaphthene	14.373	153	30864	0.820	ng/ul	98
12) Fluorene	15.363	166	35850	0.804	ng/ul	100
14) Pentachlorophenol	16.732	266	3045	0.598	ng/ul	98
15) Phenanthrene	17.100	178	60781	0.869	ng/ul	99
16) Anthracene	17.192	178	50784	0.722	ng/ul	99
19) Fluoranthene	19.123	202	76770	0.689	ng/ul	97
20) Pyrene	19.486	202	80228	0.705	ng/ul	94
21) Benzo(a)anthracene	21.243	228	60566	0.678	ng/ul	99
22) Chrysene	21.295	228	78995	0.884	ng/ul	99
24) Benzo(b)fluoranthene	22.844	252	69271	0.790	ng/ul	83
25) Benzo(k)fluoranthene	22.888	252	85425	0.945	ng/ul#	81
26) Benzo(a)pyrene	23.435	252	63827	0.872	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	25.860	276	79713	1.289	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.880	278	59182	1.287	ng/ul#	81
29) Benzo(g,h,i)perylene	26.568	276	64868	1.147	ng/ul#	87

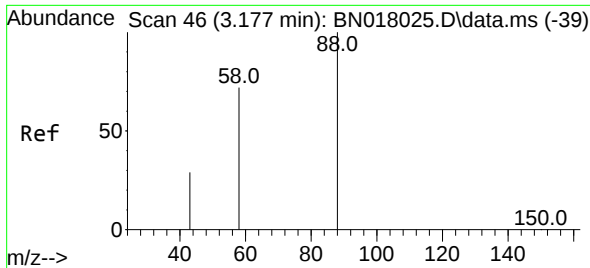
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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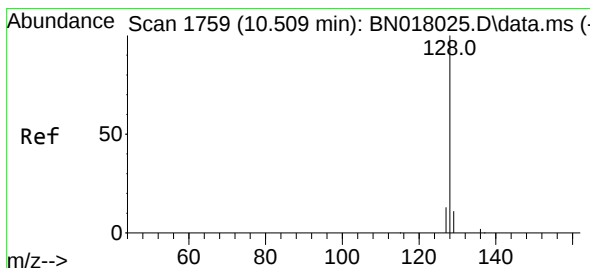
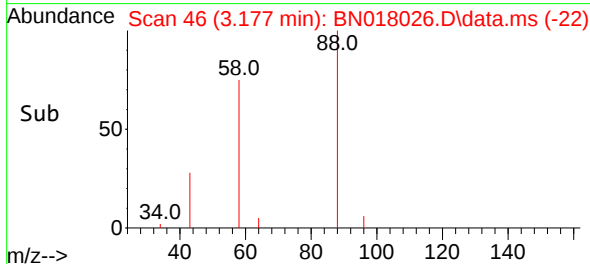
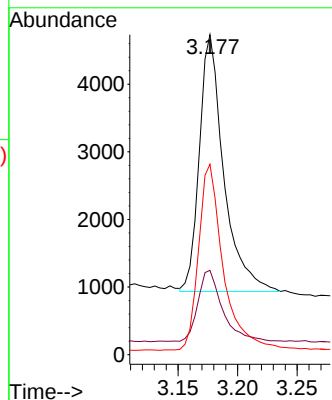
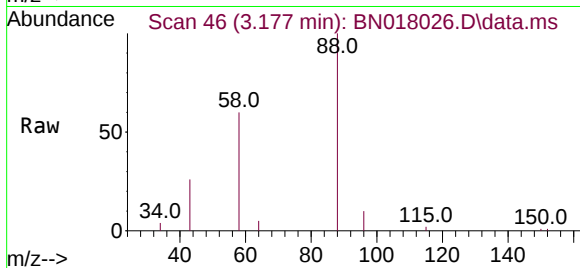




#2
1,4-Dioxane
Concen: 0.657 ng/ul
RT: 3.177 min Scan# 41
Delta R.T. -0.000 min
Lab File: BN018026.D
Acq: 15 Dec 2021 15:51

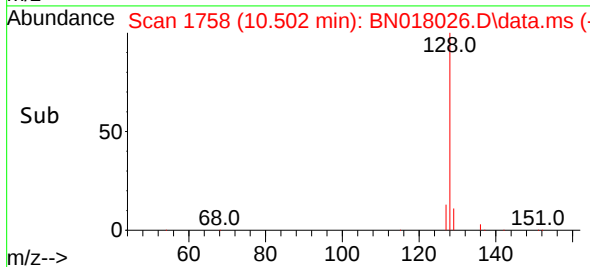
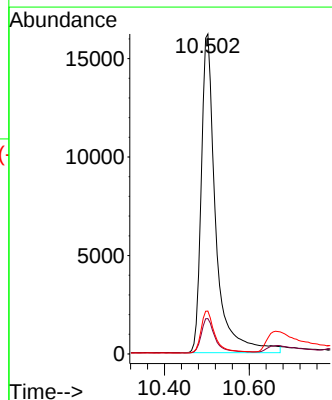
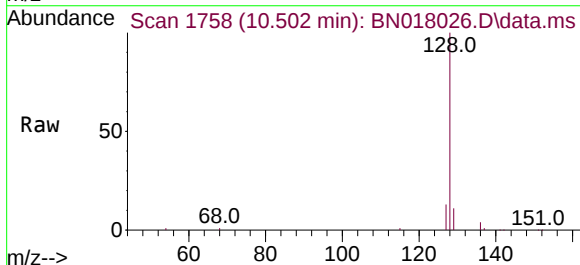
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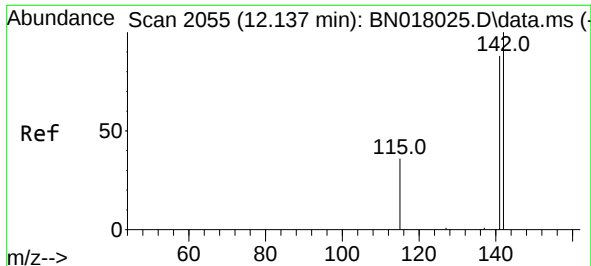
Tgt Ion: 88 Resp: 5404
Ion Ratio Lower Upper
88 100
43 26.4 85.8 128.6#
58 59.5 43.4 65.0



#5
Naphthalene
Concen: 0.802 ng/ul
RT: 10.502 min Scan# 1758
Delta R.T. -0.007 min
Lab File: BN018026.D
Acq: 15 Dec 2021 15:51

Tgt Ion: 128 Resp: 38597
Ion Ratio Lower Upper
128 100
129 11.0 10.4 15.6
127 13.4 11.8 17.6

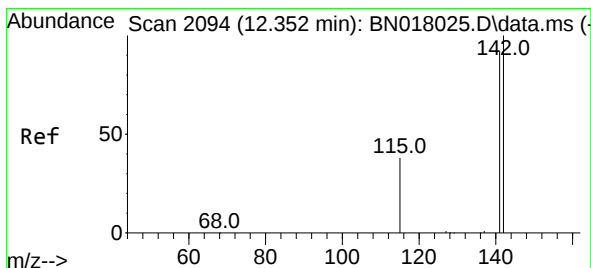
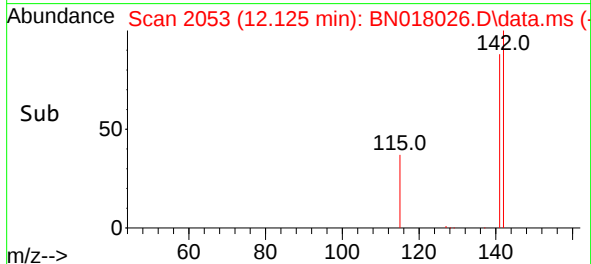
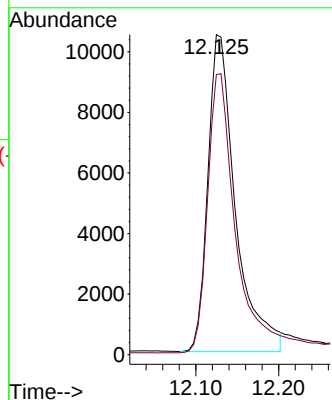
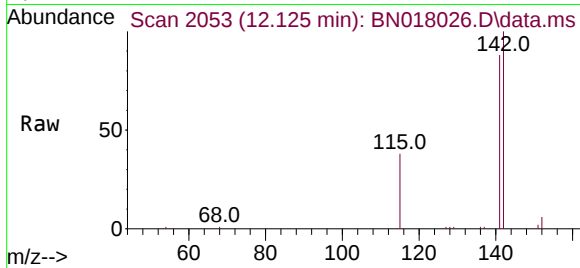




#7
2-Methylnaphthalene
Concen: 0.704 ng/ul
RT: 12.125 min Scan# 2053
Delta R.T. -0.012 min
Lab File: BN018026.D
Acq: 15 Dec 2021 15:51

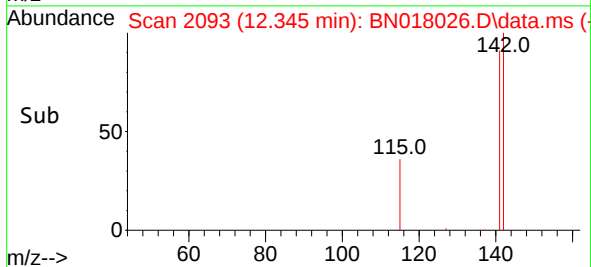
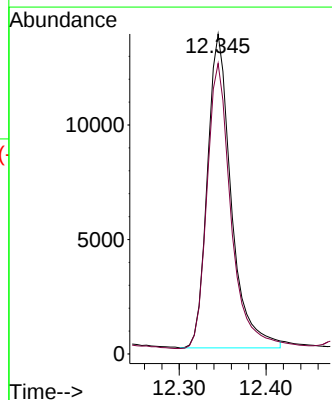
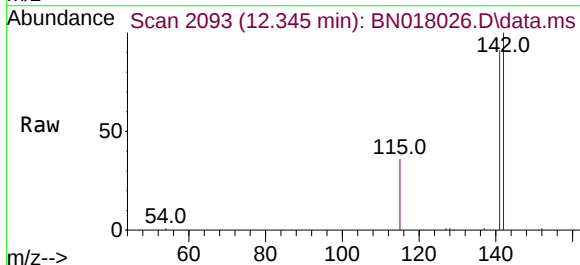
Instrument :
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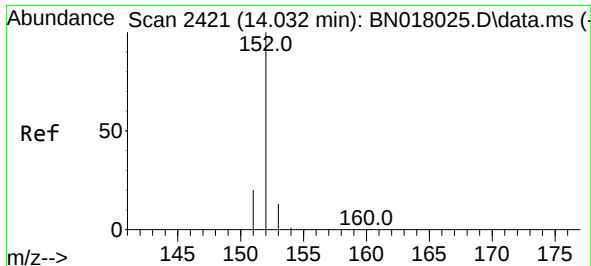
Tgt Ion:142 Resp: 24277
Ion Ratio Lower Upper
142 100
141 88.2 71.5 107.3



#8
1-Methylnaphthalene
Concen: 0.768 ng/ul
RT: 12.345 min Scan# 2093
Delta R.T. -0.007 min
Lab File: BN018026.D
Acq: 15 Dec 2021 15:51

Tgt Ion:142 Resp: 26178
Ion Ratio Lower Upper
142 100
141 91.4 73.3 109.9

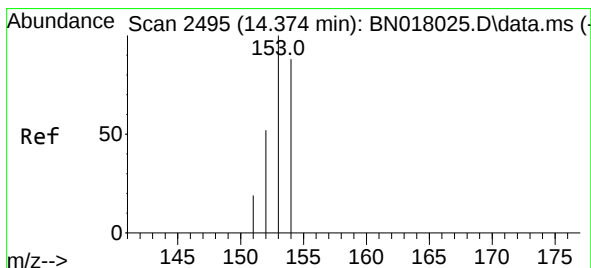
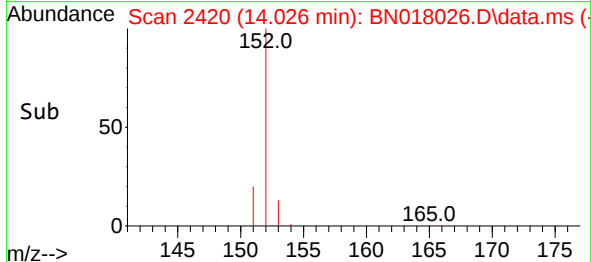
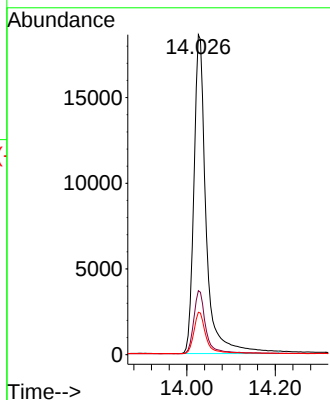
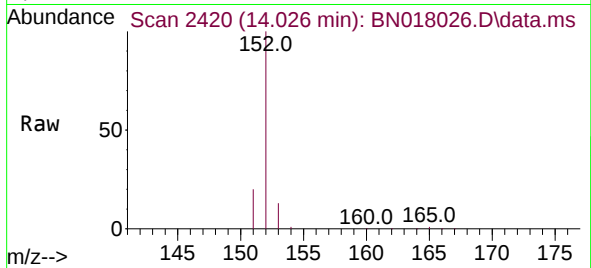




#10
Acenaphthylene
Concen: 0.680 ng/ul
RT: 14.026 min Scan# 2421
Delta R.T. -0.006 min
Lab File: BN018026.D
Acq: 15 Dec 2021 15:51

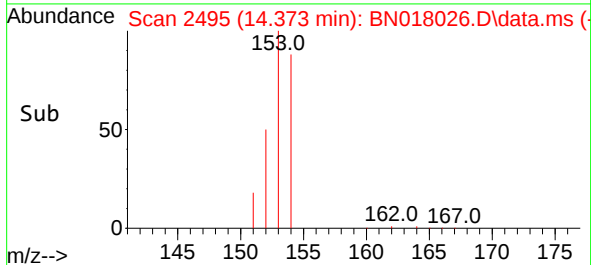
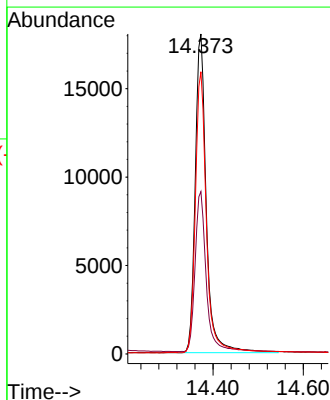
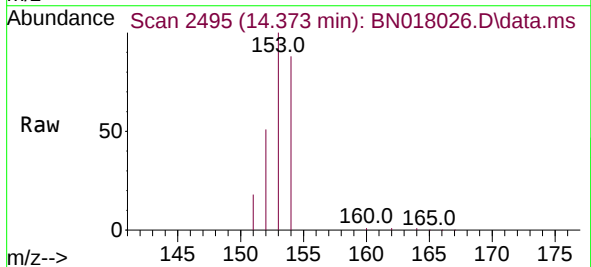
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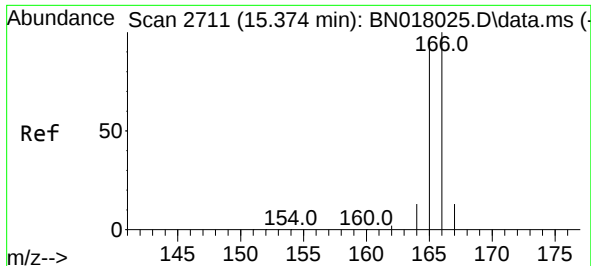
Tgt Ion:152 Resp: 35816
Ion Ratio Lower Upper
152 100
151 20.0 16.4 24.6
153 13.2 11.1 16.7



#11
Acenaphthene
Concen: 0.820 ng/ul
RT: 14.373 min Scan# 2495
Delta R.T. -0.001 min
Lab File: BN018026.D
Acq: 15 Dec 2021 15:51

Tgt Ion:153 Resp: 30864
Ion Ratio Lower Upper
153 100
152 50.7 38.3 57.5
154 88.2 71.1 106.7

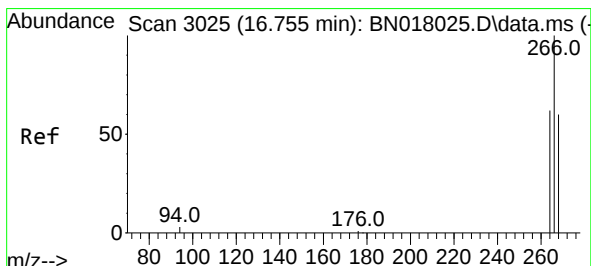
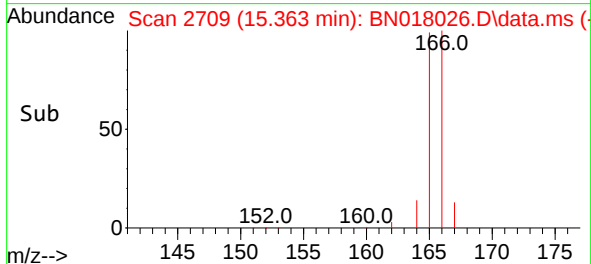
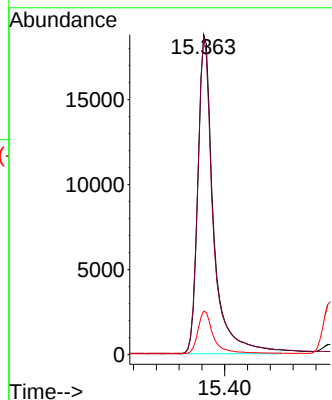
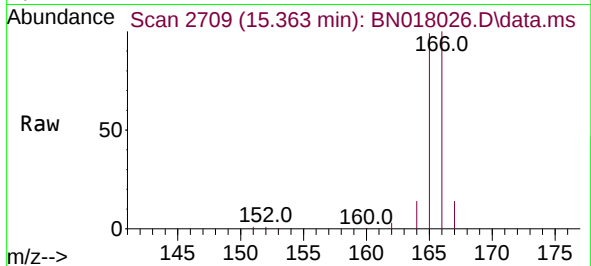




#12
 Fluorene
 Concen: 0.804 ng/ul
 RT: 15.363 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BN018026.D
 Acq: 15 Dec 2021 15:51

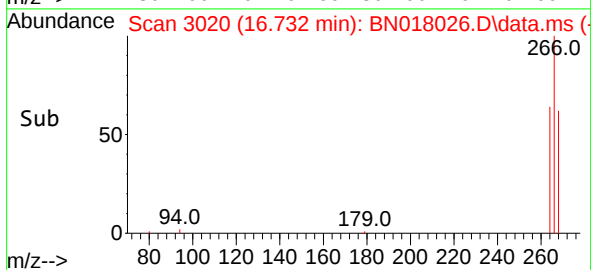
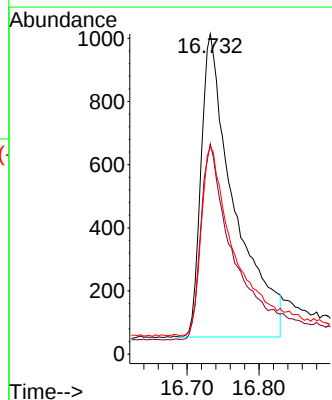
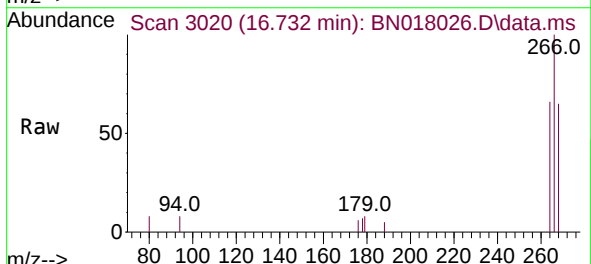
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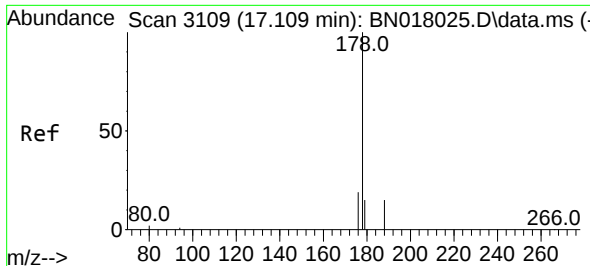
Tgt Ion:166 Resp: 35850
 Ion Ratio Lower Upper
 166 100
 165 99.3 79.2 118.8
 167 13.6 11.2 16.8



#14
 Pentachlorophenol
 Concen: 0.598 ng/ul
 RT: 16.732 min Scan# 3020
 Delta R.T. -0.022 min
 Lab File: BN018026.D
 Acq: 15 Dec 2021 15:51

Tgt Ion:266 Resp: 3045
 Ion Ratio Lower Upper
 266 100
 264 63.7 50.3 75.5
 268 62.9 52.2 78.4

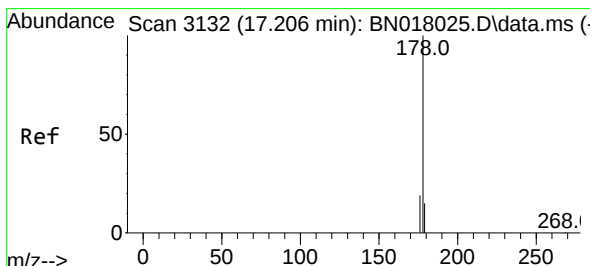
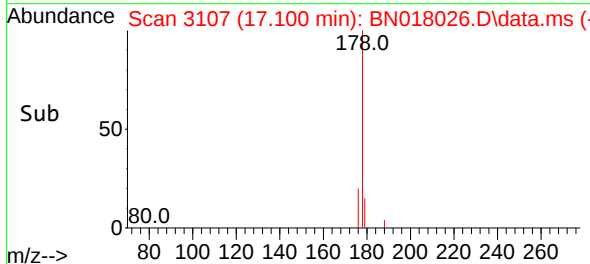
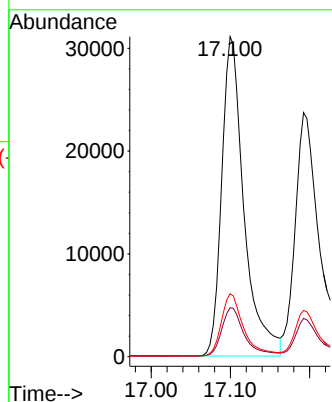
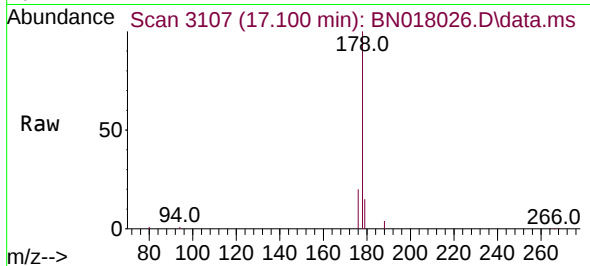




#15
Phenanthrene
Concen: 0.869 ng/ul
RT: 17.100 min Scan# 3109
Delta R.T. -0.010 min
Lab File: BN018026.D
Acq: 15 Dec 2021 15:51

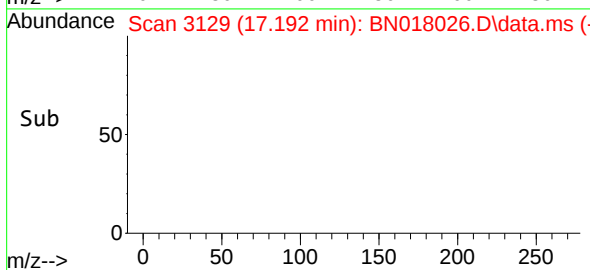
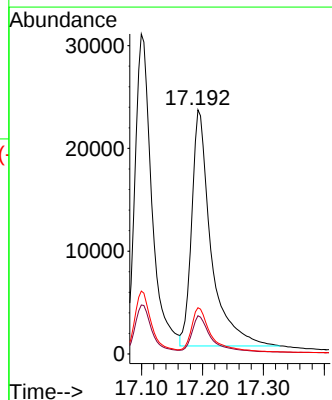
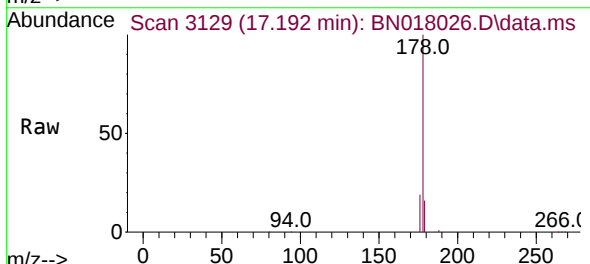
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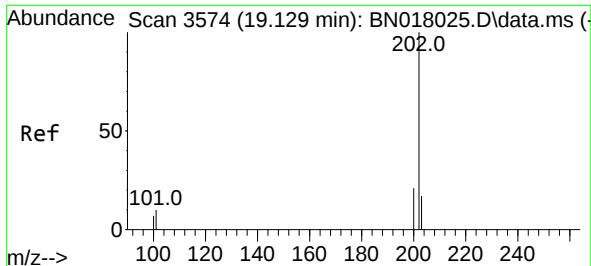
Tgt Ion:178 Resp: 60781
Ion Ratio Lower Upper
178 100
179 15.3 13.0 19.4
176 19.7 15.6 23.4



#16
Anthracene
Concen: 0.722 ng/ul
RT: 17.192 min Scan# 3129
Delta R.T. -0.014 min
Lab File: BN018026.D
Acq: 15 Dec 2021 15:51

Tgt Ion:178 Resp: 50784
Ion Ratio Lower Upper
178 100
179 15.6 13.3 19.9
176 19.0 15.1 22.7

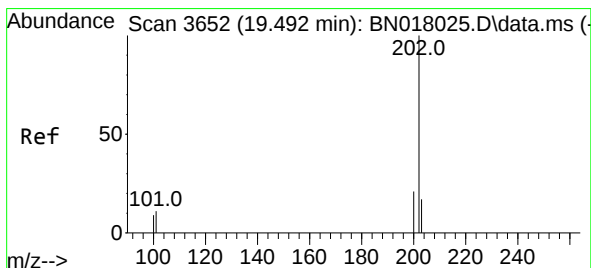
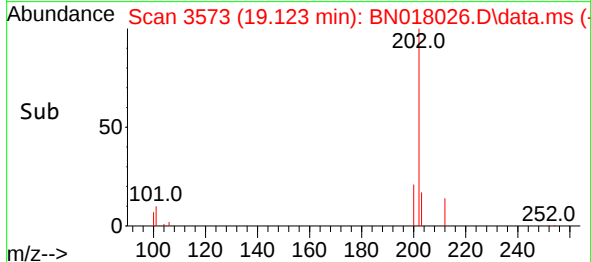
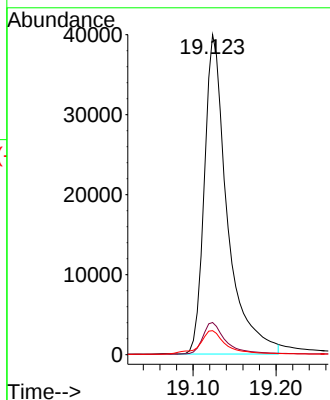
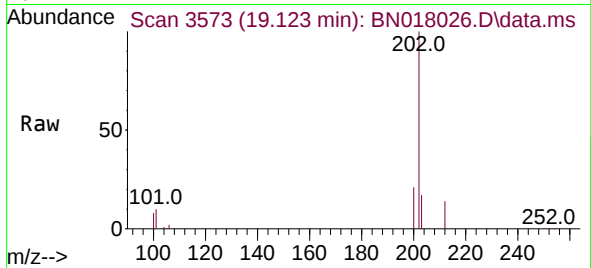




#19
Fluoranthene
Concen: 0.689 ng/u1
RT: 19.123 min Scan# 3573
Delta R.T. -0.006 min
Lab File: BN018026.D
Acq: 15 Dec 2021 15:51

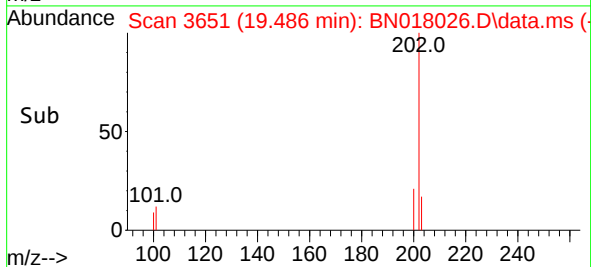
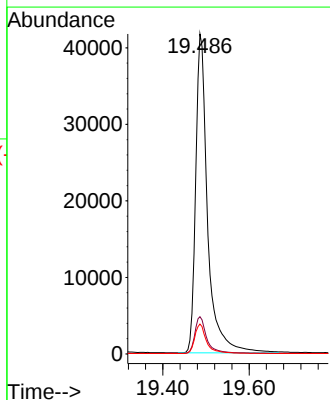
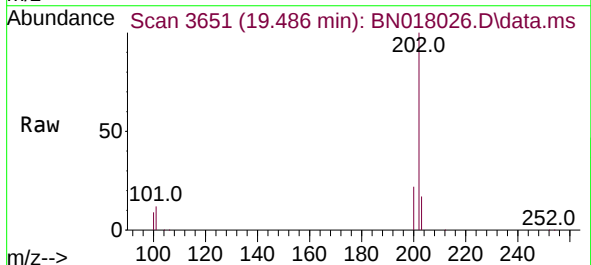
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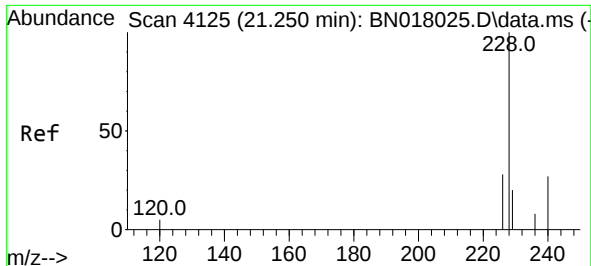
Tgt Ion:202 Resp: 76770
Ion Ratio Lower Upper
202 100
101 10.0 9.0 13.4
100 7.5 6.8 10.2



#20
Pyrene
Concen: 0.705 ng/u1
RT: 19.486 min Scan# 3651
Delta R.T. -0.006 min
Lab File: BN018026.D
Acq: 15 Dec 2021 15:51

Tgt Ion:202 Resp: 80228
Ion Ratio Lower Upper
202 100
101 11.7 11.4 17.2
100 9.4 9.4 14.0

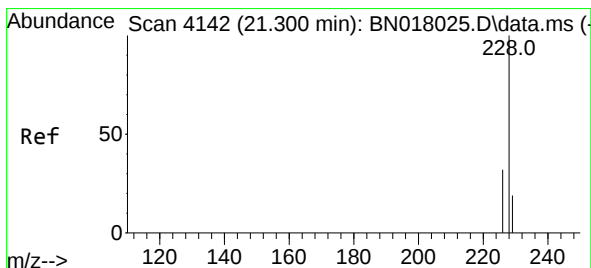
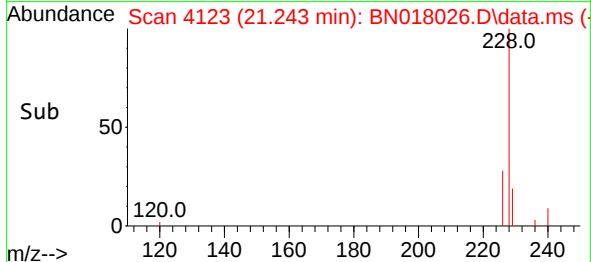
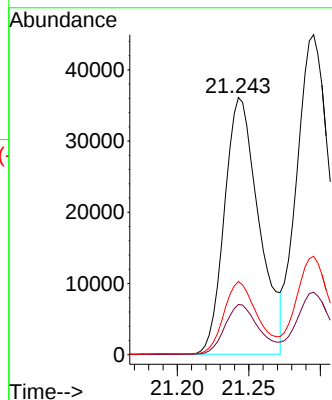
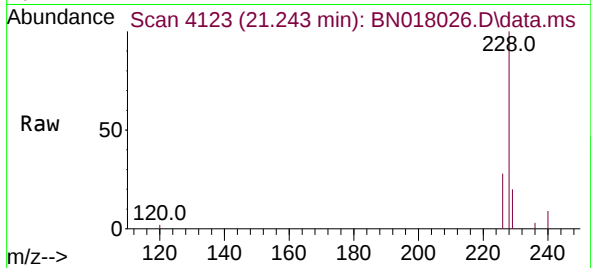




#21
Benzo(a)anthracene
Concen: 0.678 ng/ul
RT: 21.243 min Scan# 4112
Delta R.T. -0.007 min
Lab File: BN018026.D
Acq: 15 Dec 2021 15:51

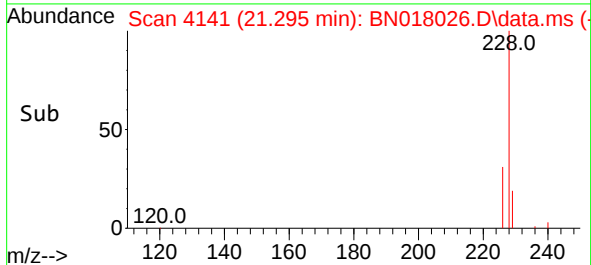
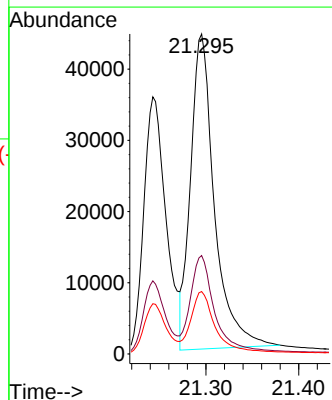
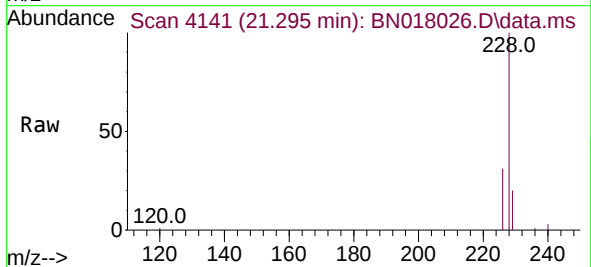
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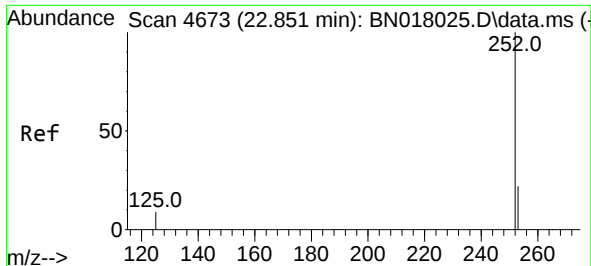
Tgt Ion:228 Resp: 60566
Ion Ratio Lower Upper
228 100
229 19.6 15.8 23.6
226 28.5 21.8 32.8



#22
Chrysene
Concen: 0.884 ng/ul
RT: 21.295 min Scan# 4141
Delta R.T. -0.004 min
Lab File: BN018026.D
Acq: 15 Dec 2021 15:51

Tgt Ion:228 Resp: 78995
Ion Ratio Lower Upper
228 100
226 30.8 23.9 35.9
229 19.5 15.7 23.5

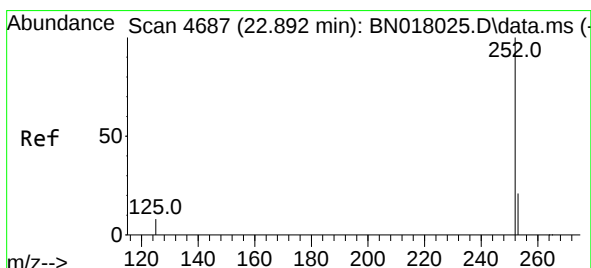
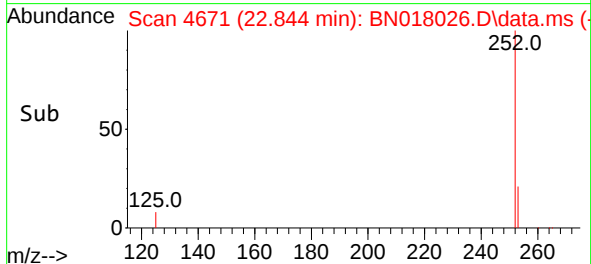
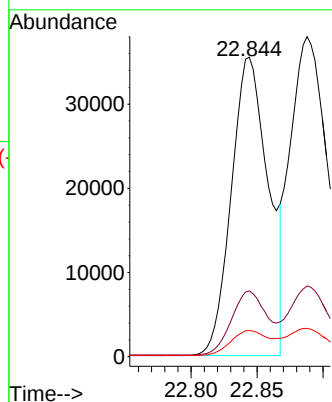
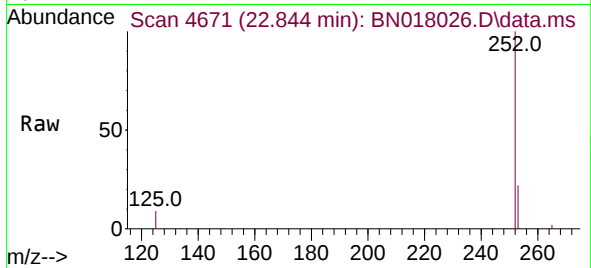




#24
Benzo(b)fluoranthene
Concen: 0.790 ng/ul
RT: 22.844 min Scan# 4671
Delta R.T. -0.007 min
Lab File: BN018026.D
Acq: 15 Dec 2021 15:51

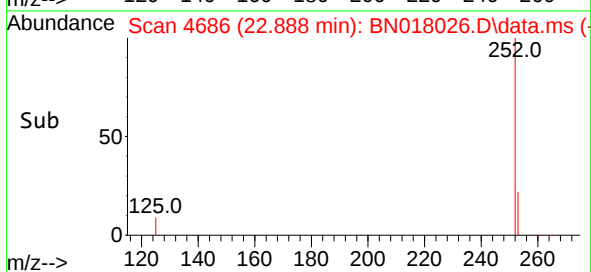
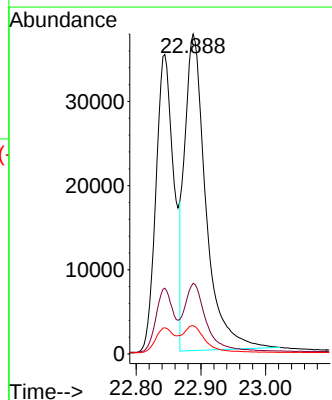
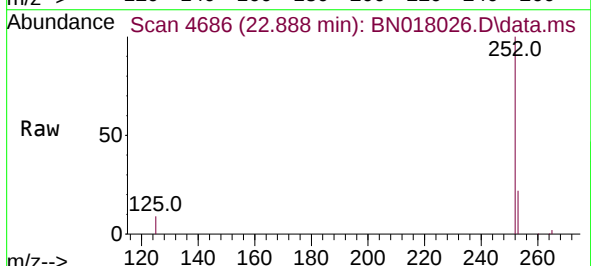
Instrument :
BNA_N
ClientSampleId :
SSTD0.8246

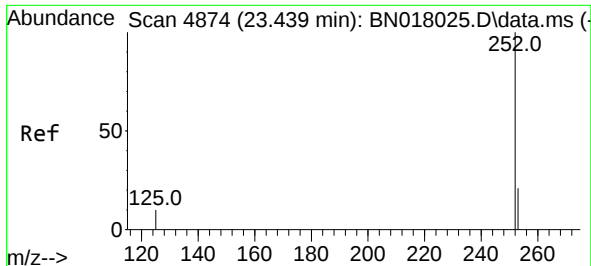
Tgt Ion:252 Resp: 69271
Ion Ratio Lower Upper
252 100
253 22.0 0.0 57.6
125 8.7 0.0 39.0



#25
Benzo(k)fluoranthene
Concen: 0.945 ng/ul
RT: 22.888 min Scan# 4686
Delta R.T. -0.004 min
Lab File: BN018026.D
Acq: 15 Dec 2021 15:51

Tgt Ion:252 Resp: 85425
Ion Ratio Lower Upper
252 100
253 22.1 23.1 34.7#
125 8.9 17.1 25.7#

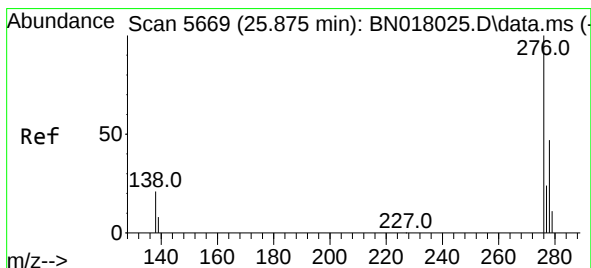
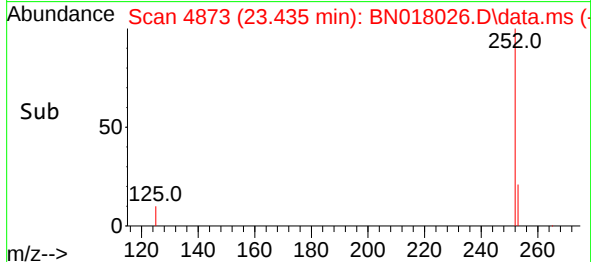
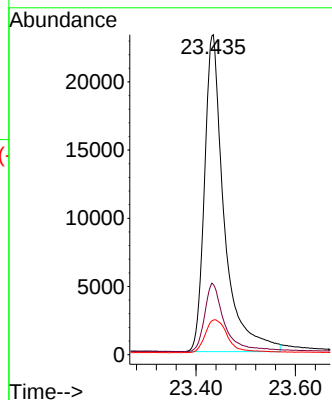
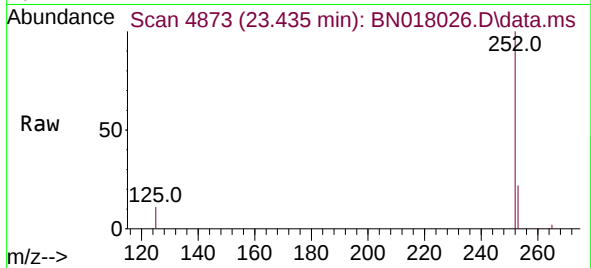




#26
Benzo(a)pyrene
Concen: 0.872 ng/ul
RT: 23.435 min Scan# 4874
Delta R.T. -0.004 min
Lab File: BN018026.D
Acq: 15 Dec 2021 15:51

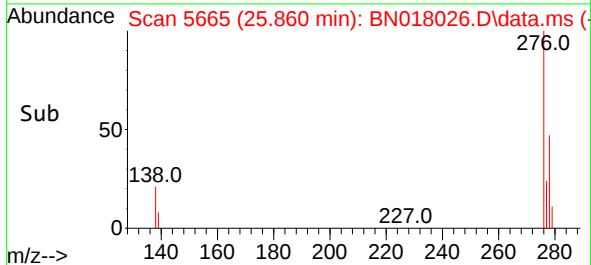
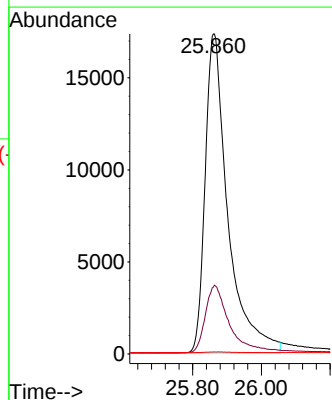
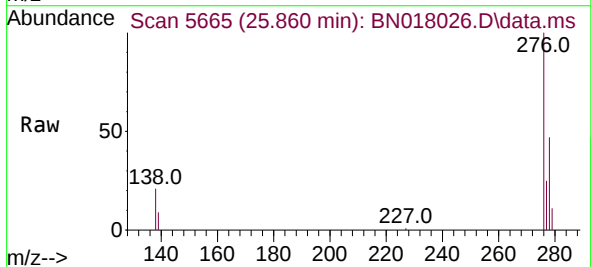
Instrument :
BNA_N
ClientSampleId :
SSTD0.8246

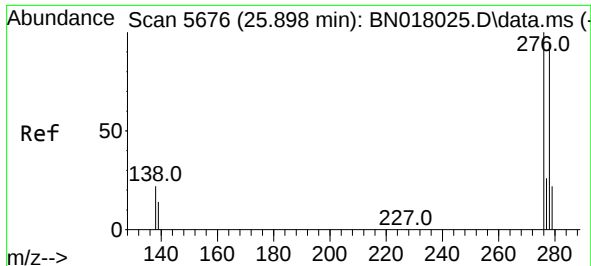
Tgt Ion:252 Resp: 63827
Ion Ratio Lower Upper
252 100
253 22.0 25.0 37.4#
125 10.8 19.3 28.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.289 ng/ul
RT: 25.860 min Scan# 5665
Delta R.T. -0.015 min
Lab File: BN018026.D
Acq: 15 Dec 2021 15:51

Tgt Ion:276 Resp: 79713
Ion Ratio Lower Upper
276 100
138 22.3 0.1 0.1#
227 0.2 0.0 0.0#

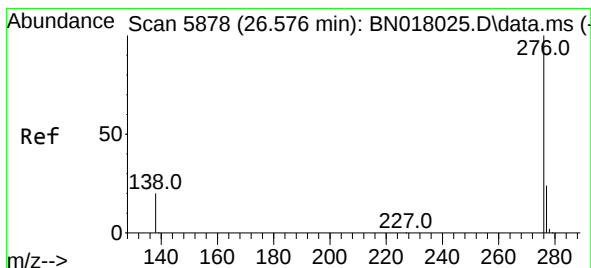
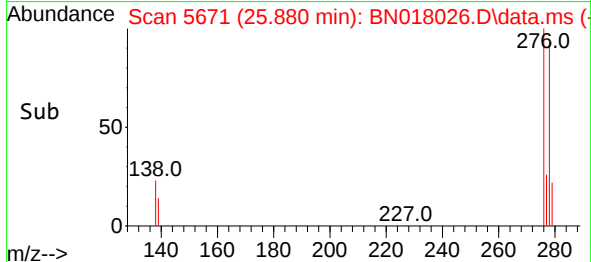
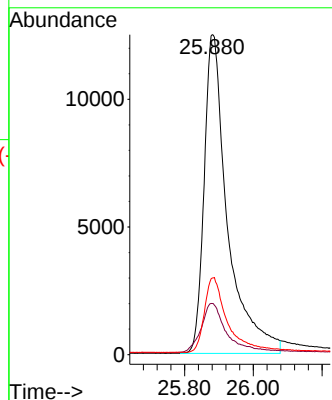
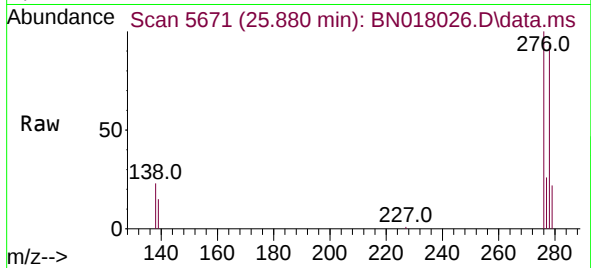




#28
Dibenzo(a,h)anthracene
Concen: 1.287 ng/ul
RT: 25.880 min Scan# 5676
Delta R.T. -0.018 min
Lab File: BN018026.D
Acq: 15 Dec 2021 15:51

Instrument :
BNA_N
ClientSampleId :
SSTD0.8246

Tgt Ion:278 Resp: 59182
Ion Ratio Lower Upper
278 100
139 16.0 21.8 32.8#
279 24.0 26.3 39.5#



#29
Benzo(g,h,i)perylene
Concen: 1.147 ng/ul
RT: 26.568 min Scan# 5876
Delta R.T. -0.008 min
Lab File: BN018026.D
Acq: 15 Dec 2021 15:51

Tgt Ion:276 Resp: 64868
Ion Ratio Lower Upper
276 100
138 20.0 24.5 36.7#
277 24.0 21.2 31.8

