

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121621\
 Data File : BN018050.D
 Acq On : 16 Dec 2021 07:10
 Operator : CG/JU
 Sample : PB141312BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS312

Quant Time: Dec 16 08:11:45 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

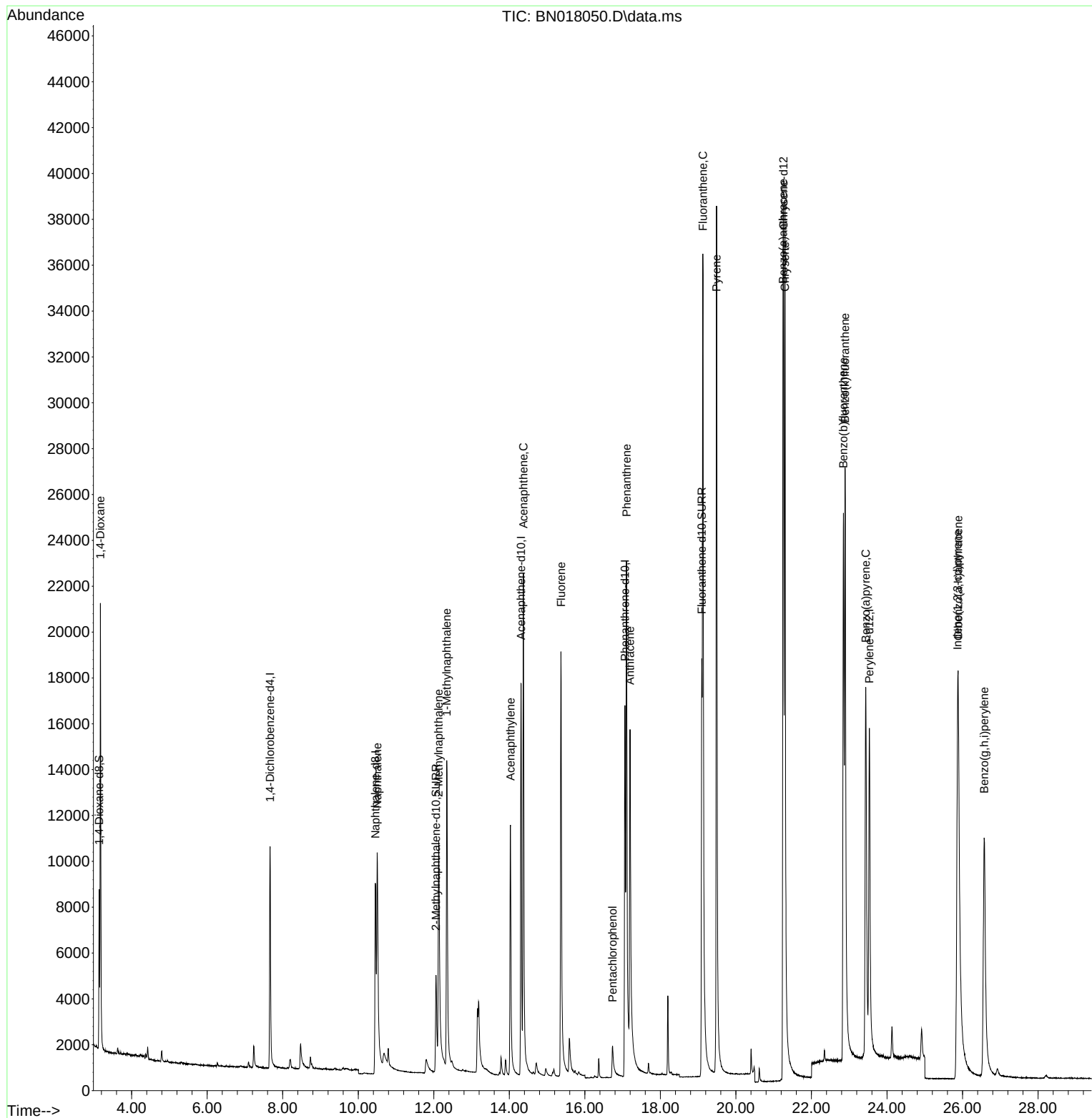
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.666	152	5969	0.400	ng/ul	0.00
4) Naphthalene-d8	10.453	136	18178	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.313	164	11404	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.061	188	24450	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.260	240	25123	0.400	ng/ul	# 0.00
23) Perylene-d12	23.534	264	22275	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	4301	0.694	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.059	152	8666	0.409	ng/ul	0.00
18) Fluoranthene-d10	19.095	212	29306	0.409	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.172	88	12551	1.725	ng/ul#	43
5) Naphthalene	10.502	128	18856	0.378	ng/ul	97
7) 2-Methylnaphthalene	12.130	142	11278	0.403	ng/ul	100
8) 1-Methylnaphthalene	12.345	142	12079	0.372	ng/ul	99
10) Acenaphthylene	14.031	152	17404	0.377	ng/ul	99
11) Acenaphthene	14.373	153	15419	0.375	ng/ul	98
12) Fluorene	15.368	166	17424	0.385	ng/ul	100
14) Pentachlorophenol	16.736	266	1929	0.451	ng/ul	98
15) Phenanthrene	17.104	178	30591	0.361	ng/ul	99
16) Anthracene	17.196	178	25490	0.382	ng/ul	99
19) Fluoranthene	19.128	202	41402	0.409	ng/ul	96
20) Pyrene	19.486	202	44583	0.393	ng/ul	94
21) Benzo(a)anthracene	21.245	228	32927	0.441	ng/ul	99
22) Chrysene	21.298	228	42497	0.396	ng/ul	100
24) Benzo(b)fluoranthene	22.847	252	36609	0.411	ng/ul	84
25) Benzo(k)fluoranthene	22.891	252	45537	0.383	ng/ul#	83
26) Benzo(a)pyrene	23.437	252	34348	0.399	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	25.870	276	37737	0.390	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.887	278	28105	0.397	ng/ul#	83
29) Benzo(g,h,i)perylene	26.574	276	31211	0.376	ng/ul#	88

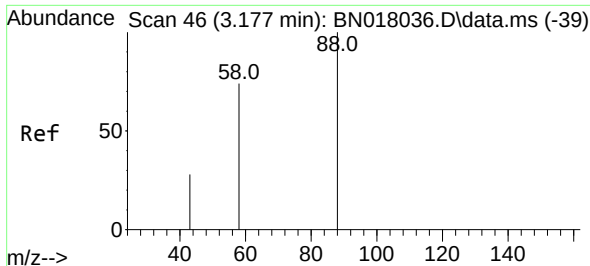
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121621\
Data File : BN018050.D
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Sample : PB141312BS
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Instrument :
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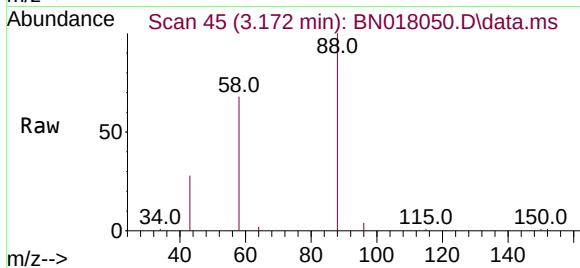
Quant Time: Dec 16 08:11:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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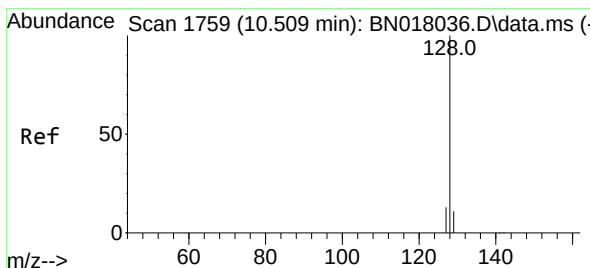
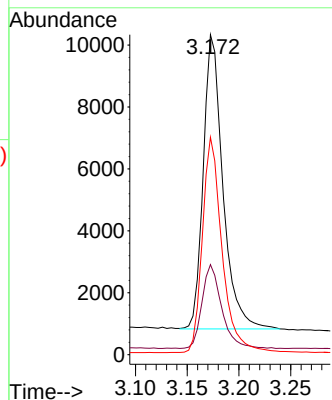
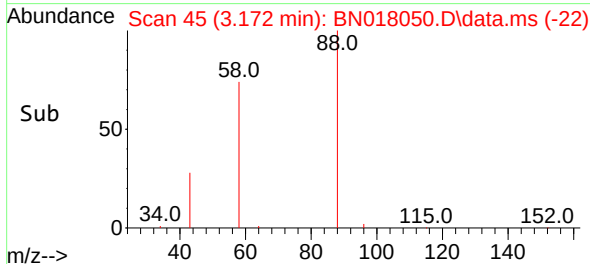


#2
1,4-Dioxane
Concen: 1.725 ng/ul
RT: 3.172 min Scan# 41
Delta R.T. -0.004 min
Lab File: BN018050.D
Acq: 16 Dec 2021 07:10

Instrument :
BNA_N
ClientSampleId :
SLCS312

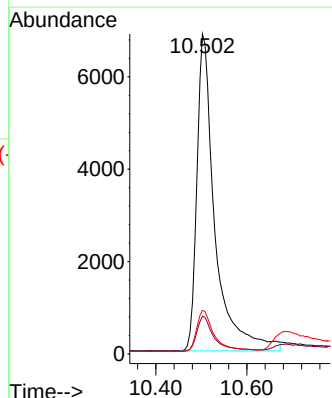
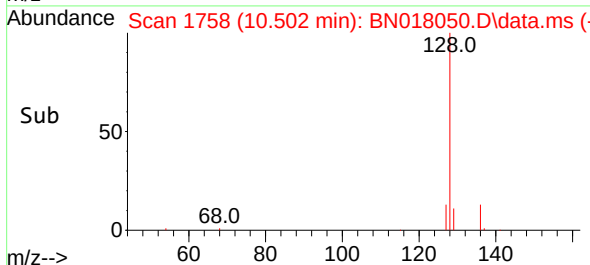
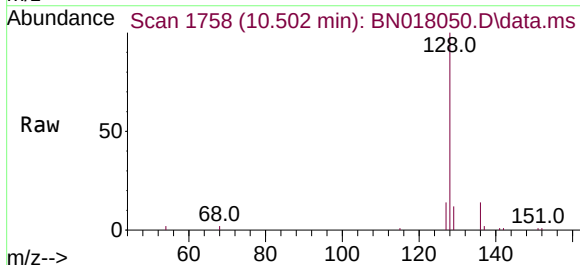


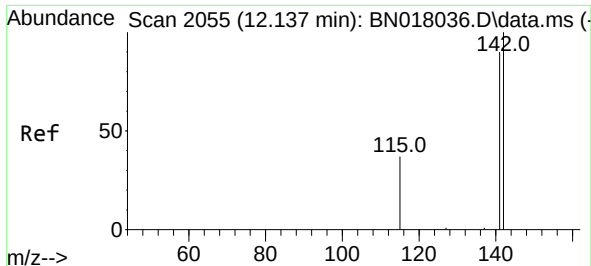
Tgt Ion: 88 Resp: 12551
Ion Ratio Lower Upper
88 100
43 28.2 85.8 128.6#
58 67.9 43.4 65.0#



#5
Naphthalene
Concen: 0.378 ng/ul
RT: 10.502 min Scan# 1758
Delta R.T. -0.007 min
Lab File: BN018050.D
Acq: 16 Dec 2021 07:10

Tgt Ion: 128 Resp: 18856
Ion Ratio Lower Upper
128 100
129 11.8 10.4 15.6
127 13.6 11.8 17.6

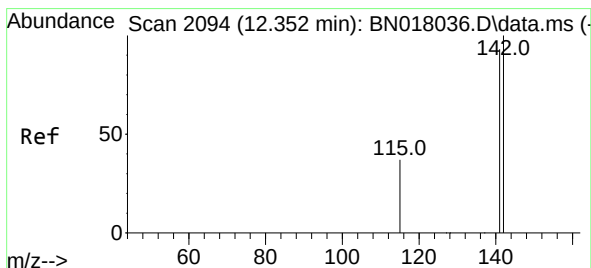
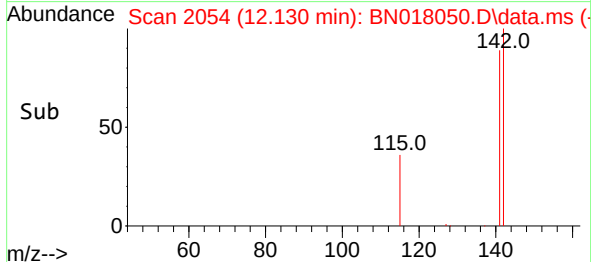
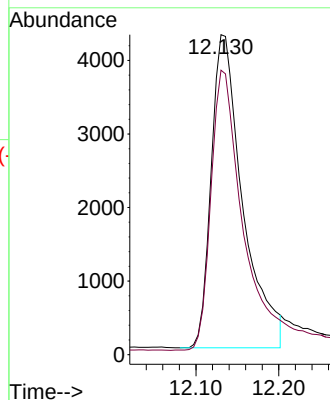
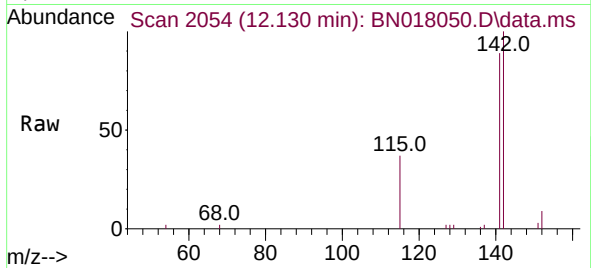




#7
2-Methylnaphthalene
Concen: 0.403 ng/ul
RT: 12.130 min Scan# 2054
Delta R.T. -0.007 min
Lab File: BN018050.D
Acq: 16 Dec 2021 07:10

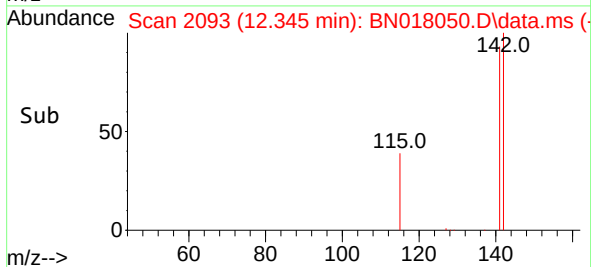
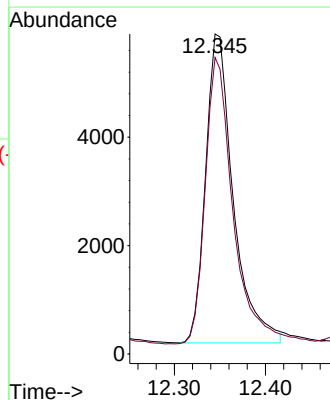
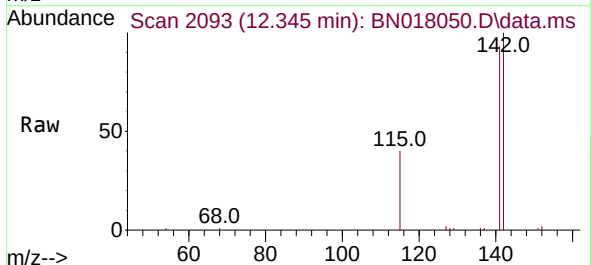
Instrument :
BNA_N
ClientSampleId :
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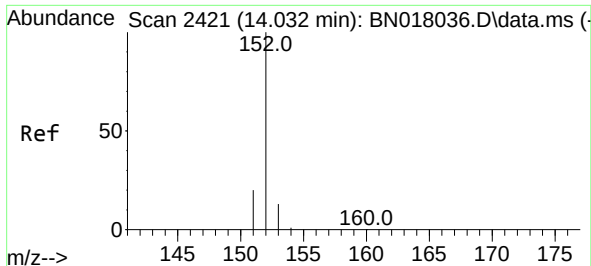
Tgt Ion:142 Resp: 11278
Ion Ratio Lower Upper
142 100
141 89.4 71.5 107.3



#8
1-Methylnaphthalene
Concen: 0.372 ng/ul
RT: 12.345 min Scan# 2093
Delta R.T. -0.007 min
Lab File: BN018050.D
Acq: 16 Dec 2021 07:10

Tgt Ion:142 Resp: 12079
Ion Ratio Lower Upper
142 100
141 92.2 73.3 109.9

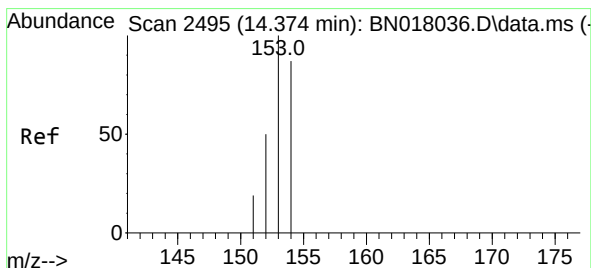
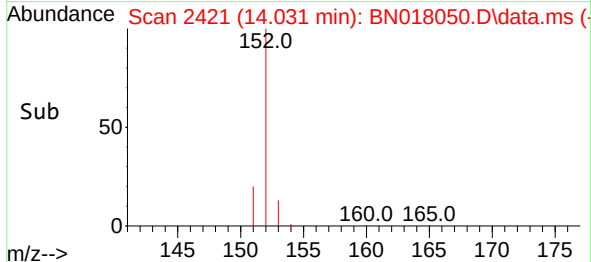
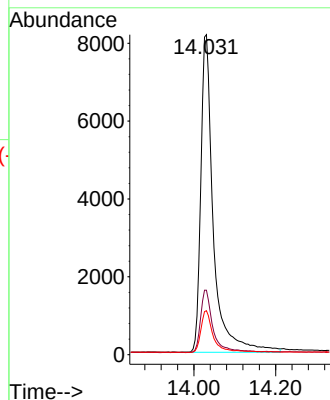
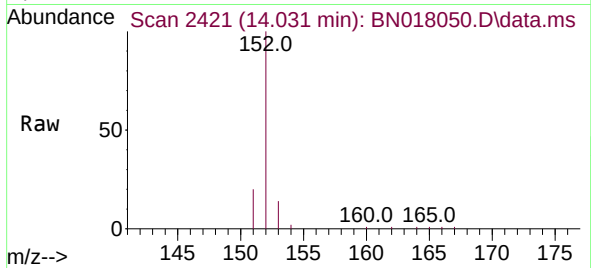




#10
Acenaphthylene
Concen: 0.377 ng/ul
RT: 14.031 min Scan# 2421
Delta R.T. -0.001 min
Lab File: BN018050.D
Acq: 16 Dec 2021 07:10

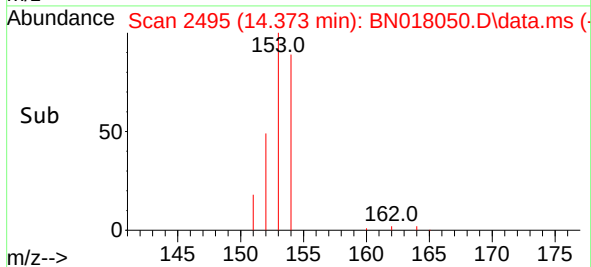
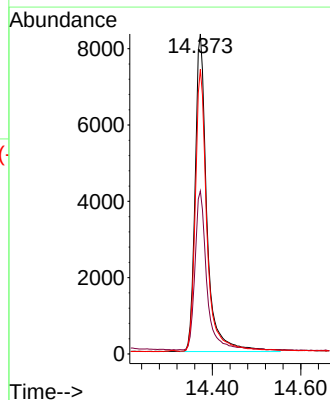
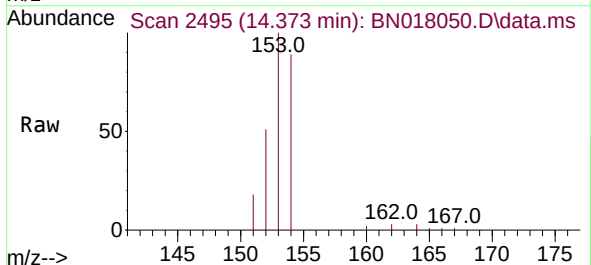
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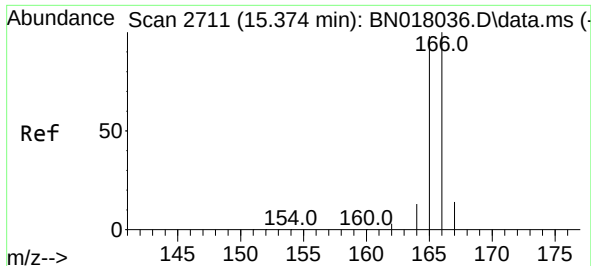
Tgt Ion:152 Resp: 17404
Ion Ratio Lower Upper
152 100
151 20.1 16.4 24.6
153 13.8 11.1 16.7



#11
Acenaphthene
Concen: 0.375 ng/ul
RT: 14.373 min Scan# 2495
Delta R.T. -0.001 min
Lab File: BN018050.D
Acq: 16 Dec 2021 07:10

Tgt Ion:153 Resp: 15419
Ion Ratio Lower Upper
153 100
152 50.9 38.3 57.5
154 89.0 71.1 106.7

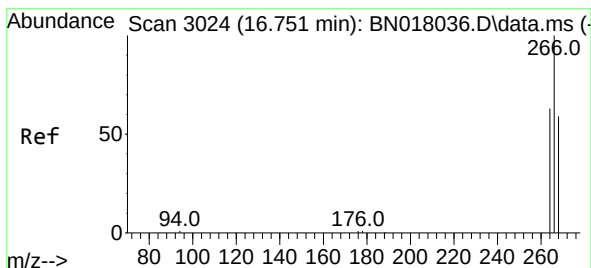
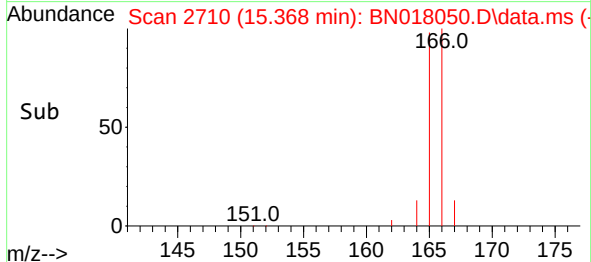
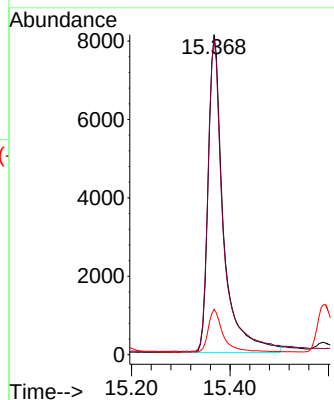
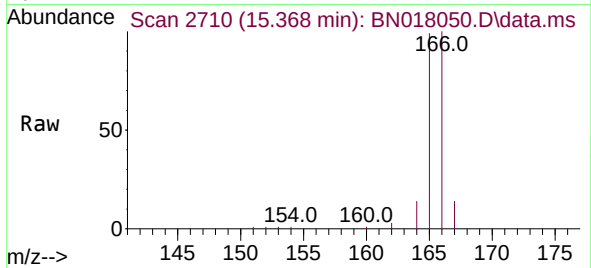




#12
Fluorene
Concen: 0.385 ng/ul
RT: 15.368 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN018050.D
Acq: 16 Dec 2021 07:10

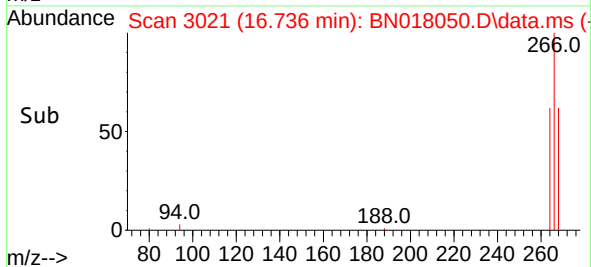
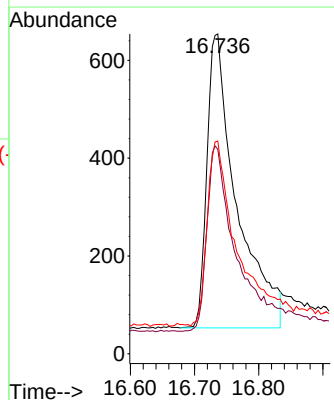
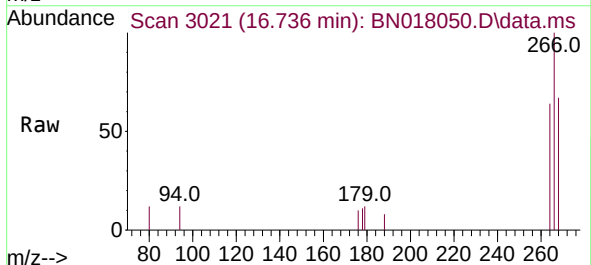
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BNA_N
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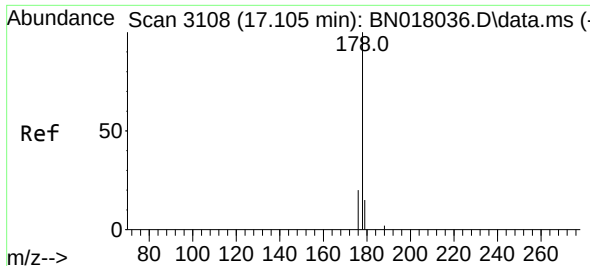
Tgt Ion:166 Resp: 17424
Ion Ratio Lower Upper
166 100
165 98.6 79.2 118.8
167 14.2 11.2 16.8



#14
Pentachlorophenol
Concen: 0.451 ng/ul
RT: 16.736 min Scan# 3021
Delta R.T. -0.018 min
Lab File: BN018050.D
Acq: 16 Dec 2021 07:10

Tgt Ion:266 Resp: 1929
Ion Ratio Lower Upper
266 100
264 61.6 50.3 75.5
268 63.0 52.2 78.4

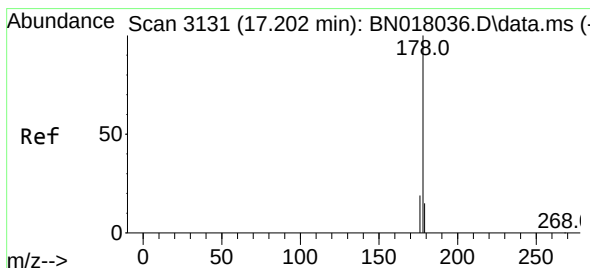
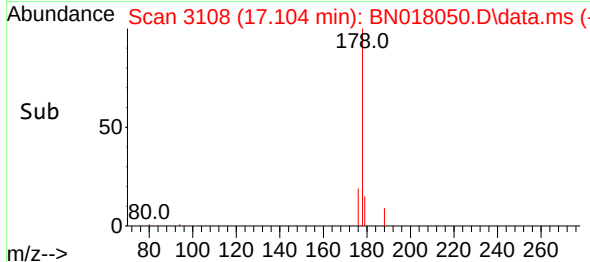
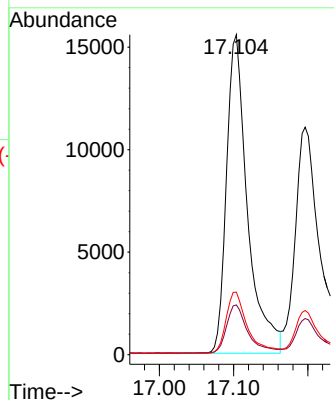
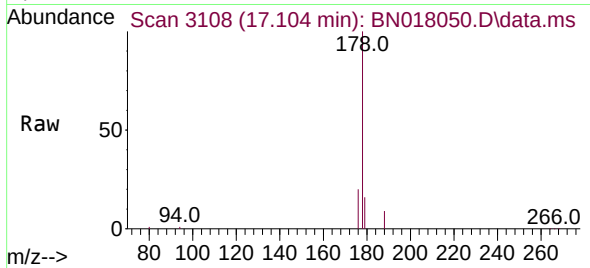




#15
Phenanthrene
Concen: 0.361 ng/ul
RT: 17.104 min Scan# 3108
Delta R.T. -0.006 min
Lab File: BN018050.D
Acq: 16 Dec 2021 07:10

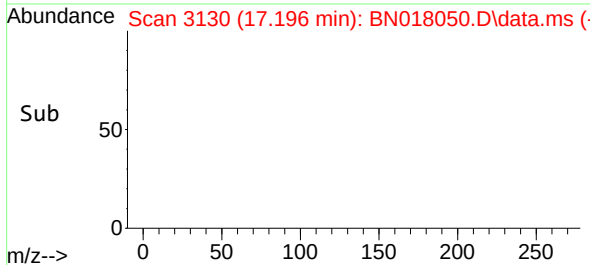
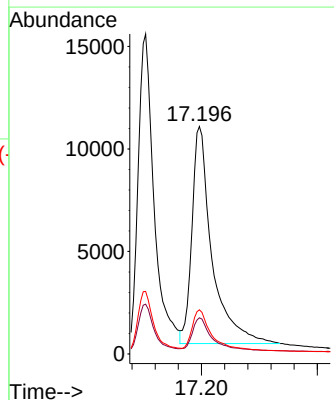
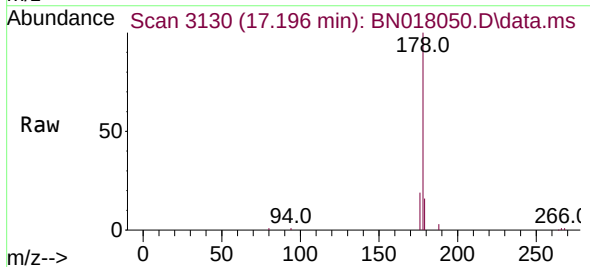
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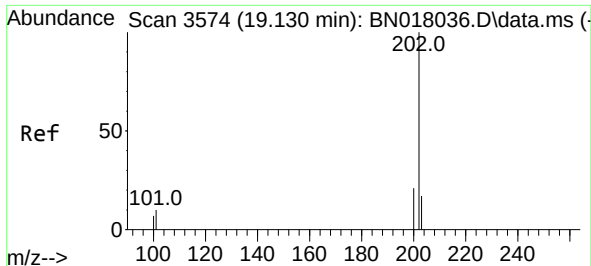
Tgt Ion:178 Resp: 30591
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.4
176 19.6 15.6 23.4



#16
Anthracene
Concen: 0.382 ng/ul
RT: 17.196 min Scan# 3130
Delta R.T. -0.010 min
Lab File: BN018050.D
Acq: 16 Dec 2021 07:10

Tgt Ion:178 Resp: 25490
Ion Ratio Lower Upper
178 100
179 15.9 13.3 19.9
176 19.4 15.1 22.7

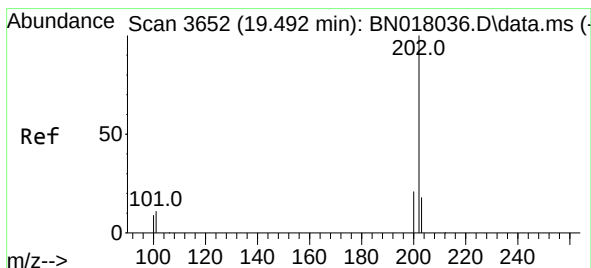
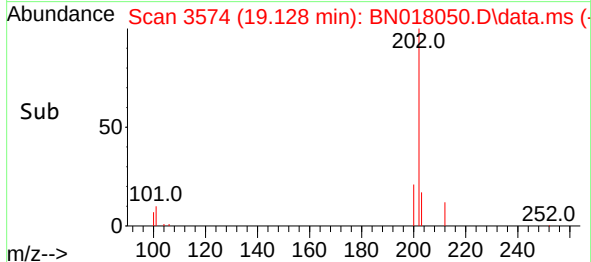
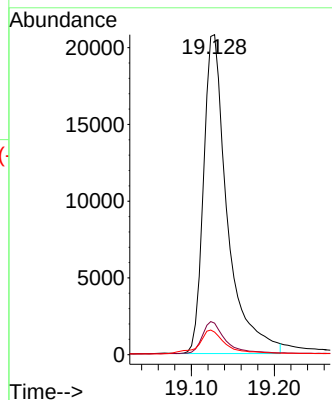
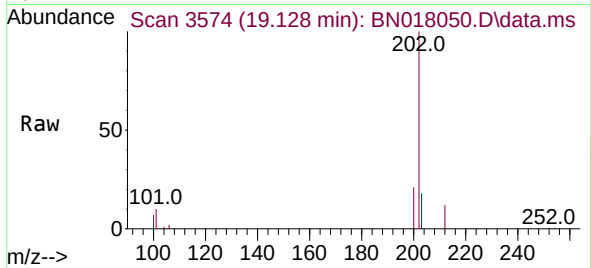




#19
Fluoranthene
Concen: 0.409 ng/u1
RT: 19.128 min Scan# 3574
Delta R.T. -0.002 min
Lab File: BN018050.D
Acq: 16 Dec 2021 07:10

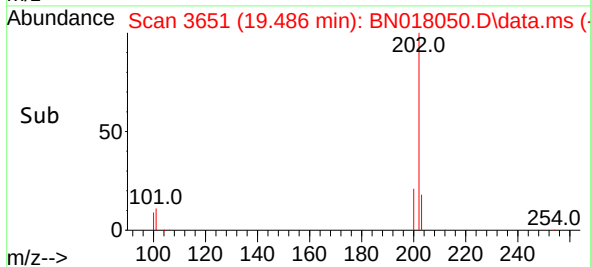
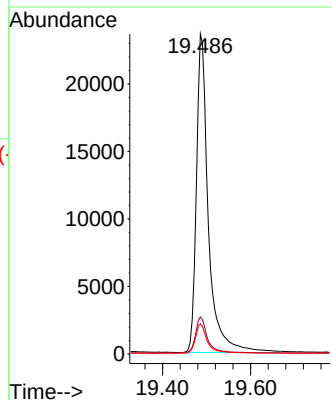
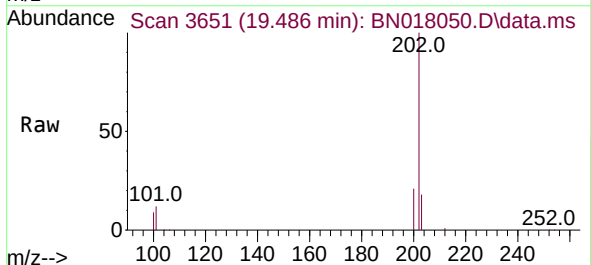
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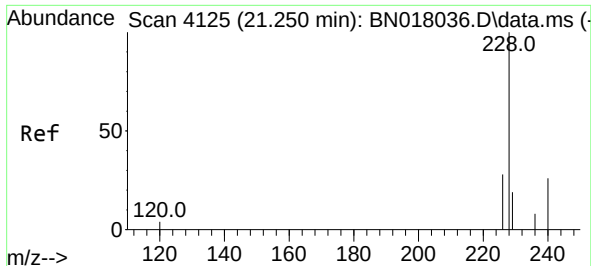
Tgt Ion:202 Resp: 41402
Ion Ratio Lower Upper
202 100
101 9.8 9.0 13.4
100 7.1 6.8 10.2



#20
Pyrene
Concen: 0.393 ng/u1
RT: 19.486 min Scan# 3651
Delta R.T. -0.006 min
Lab File: BN018050.D
Acq: 16 Dec 2021 07:10

Tgt Ion:202 Resp: 44583
Ion Ratio Lower Upper
202 100
101 11.6 11.4 17.2
100 9.4 9.4 14.0

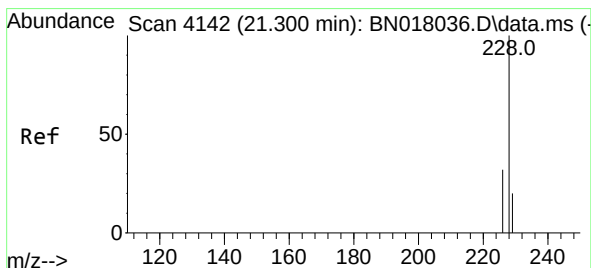
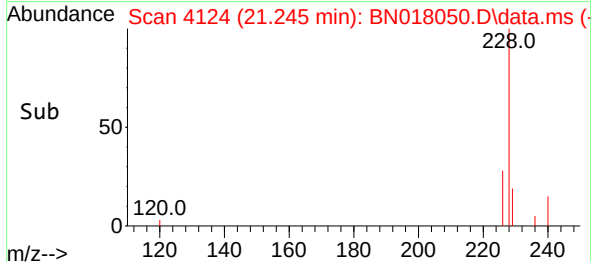
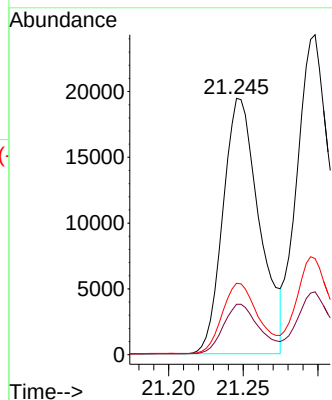
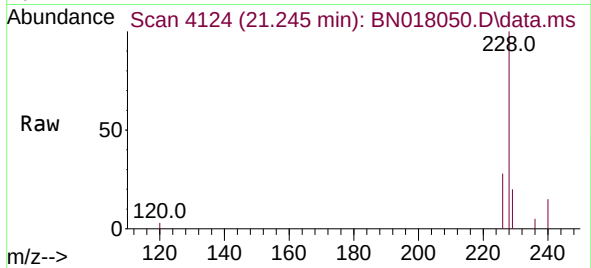




#21
Benzo(a)anthracene
Concen: 0.441 ng/ul
RT: 21.245 min Scan# 4125
Delta R.T. -0.004 min
Lab File: BN018050.D
Acq: 16 Dec 2021 07:10

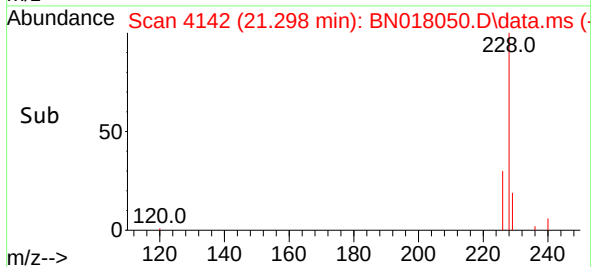
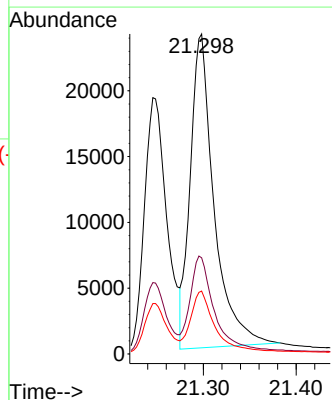
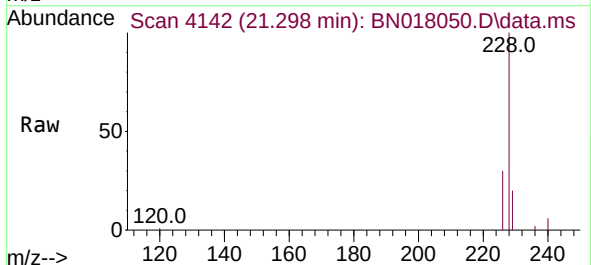
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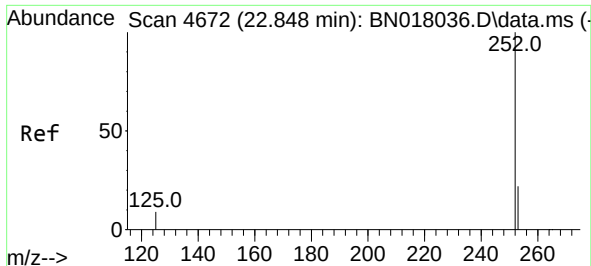
Tgt Ion:228 Resp: 32927
Ion Ratio Lower Upper
228 100
229 19.6 15.8 23.6
226 27.9 21.8 32.8



#22
Chrysene
Concen: 0.396 ng/ul
RT: 21.298 min Scan# 4142
Delta R.T. -0.001 min
Lab File: BN018050.D
Acq: 16 Dec 2021 07:10

Tgt Ion:228 Resp: 42497
Ion Ratio Lower Upper
228 100
226 30.1 23.9 35.9
229 19.6 15.7 23.5

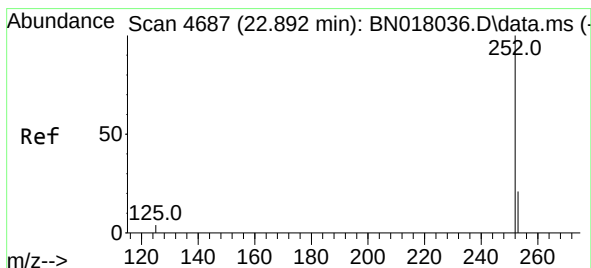
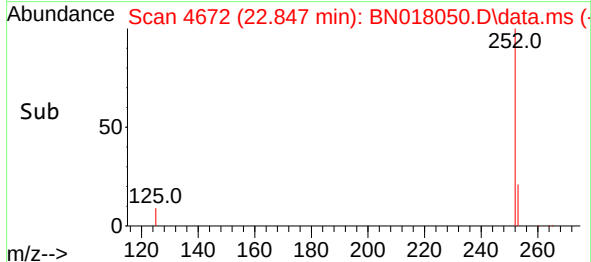
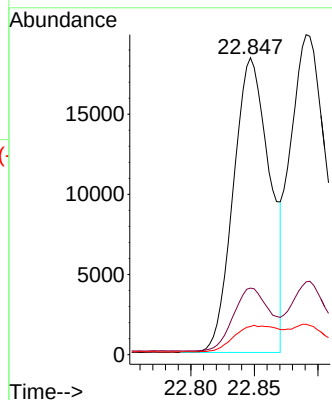
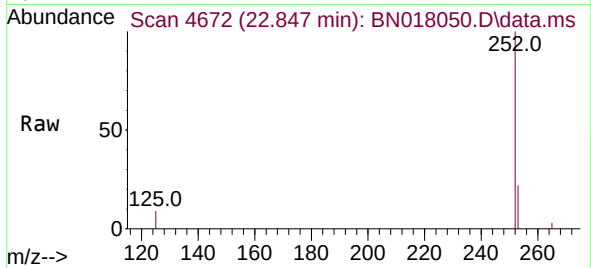




#24
Benzo(b)fluoranthene
Concen: 0.411 ng/ul
RT: 22.847 min Scan# 4672
Delta R.T. -0.004 min
Lab File: BN018050.D
Acq: 16 Dec 2021 07:10

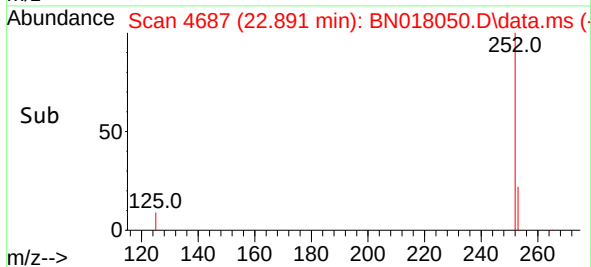
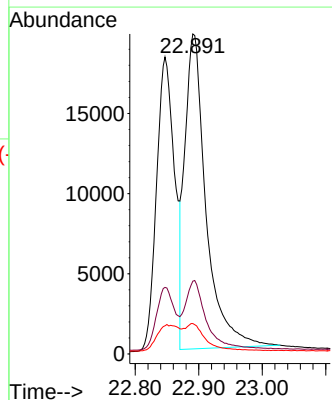
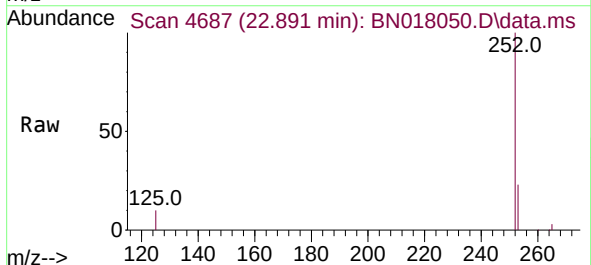
Instrument :
BNA_N
ClientSampleId :
SLCS312

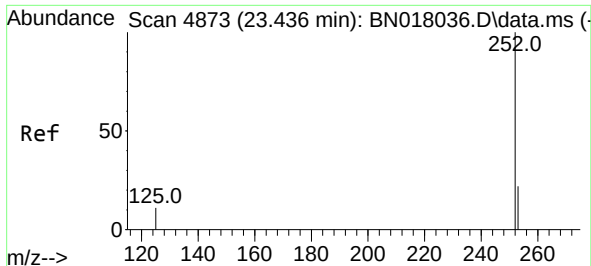
Tgt Ion:252 Resp: 36609
Ion Ratio Lower Upper
252 100
253 22.4 0.0 57.6
125 9.5 0.0 39.0



#25
Benzo(k)fluoranthene
Concen: 0.383 ng/ul
RT: 22.891 min Scan# 4687
Delta R.T. -0.002 min
Lab File: BN018050.D
Acq: 16 Dec 2021 07:10

Tgt Ion:252 Resp: 45537
Ion Ratio Lower Upper
252 100
253 22.8 23.1 34.7#
125 9.5 17.1 25.7#

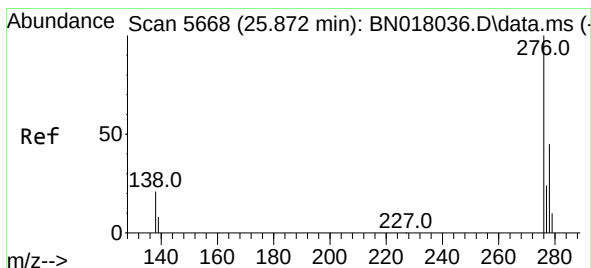
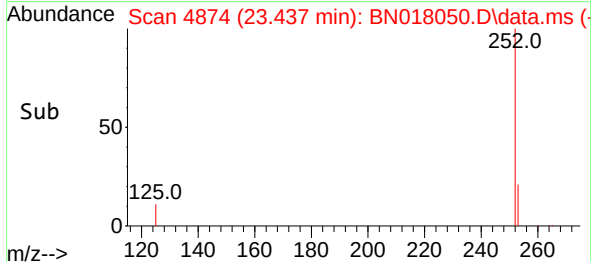
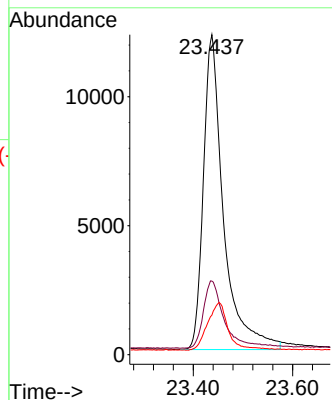
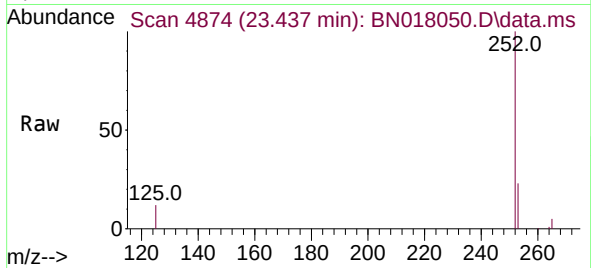




#26
Benzo(a)pyrene
Concen: 0.399 ng/ul
RT: 23.437 min Scan# 4873
Delta R.T. -0.001 min
Lab File: BN018050.D
Acq: 16 Dec 2021 07:10

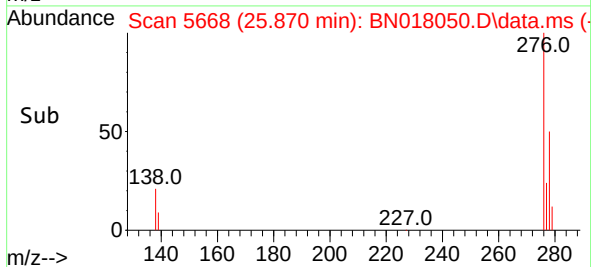
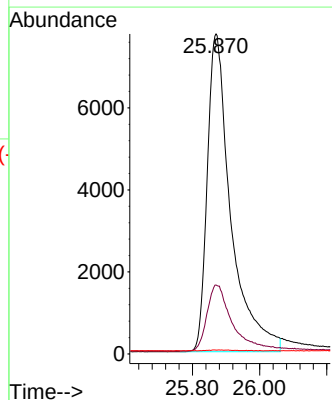
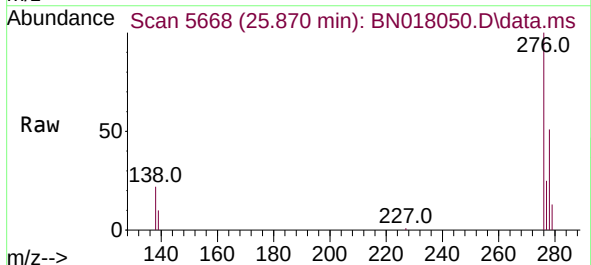
Instrument :
BNA_N
ClientSampleId :
SLCS312

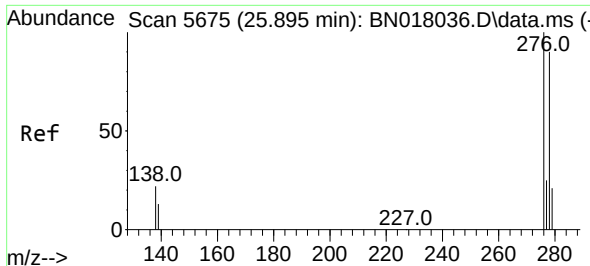
Tgt Ion:252 Resp: 34348
Ion Ratio Lower Upper
252 100
253 23.0 25.0 37.4#
125 12.4 19.3 28.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.390 ng/ul
RT: 25.870 min Scan# 5668
Delta R.T. -0.005 min
Lab File: BN018050.D
Acq: 16 Dec 2021 07:10

Tgt Ion:276 Resp: 37737
Ion Ratio Lower Upper
276 100
138 22.3 0.1 0.1#
227 0.2 0.0 0.0#

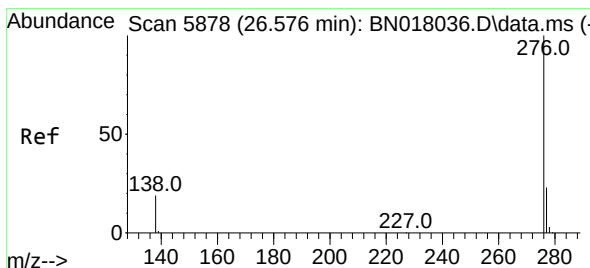
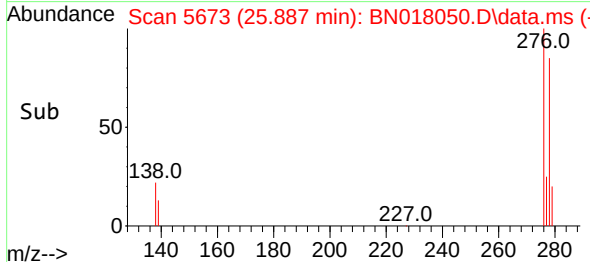
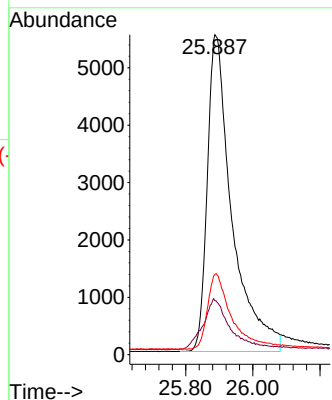
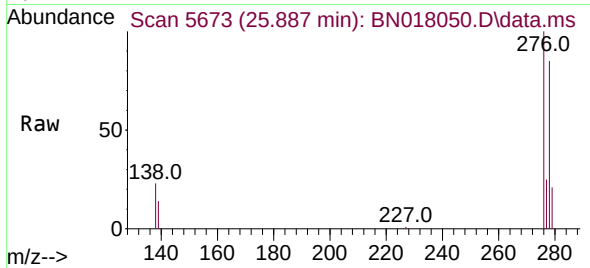




#28
 Dibenzo(a,h)anthracene
 Concen: 0.397 ng/ul
 RT: 25.887 min Scan# 5673
 Delta R.T. -0.012 min
 Lab File: BN018050.D
 Acq: 16 Dec 2021 07:10

Instrument :
 BNA_N
 ClientSampleId :
 SLCS312

Tgt Ion:278 Resp: 28105
 Ion Ratio Lower Upper
 278 100
 139 16.8 21.8 32.8#
 279 25.1 26.3 39.5#



#29
 Benzo(g,h,i)perylene
 Concen: 0.376 ng/ul
 RT: 26.574 min Scan# 5878
 Delta R.T. -0.001 min
 Lab File: BN018050.D
 Acq: 16 Dec 2021 07:10

Tgt Ion:276 Resp: 31211
 Ion Ratio Lower Upper
 276 100
 138 20.1 24.5 36.7#
 277 24.1 21.2 31.8

