

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121621\
 Data File : BN018097.D
 Acq On : 17 Dec 2021 13:22
 Operator : CG/JU
 Sample : PB141373BS
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS373

Quant Time: Dec 18 01:45:26 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)

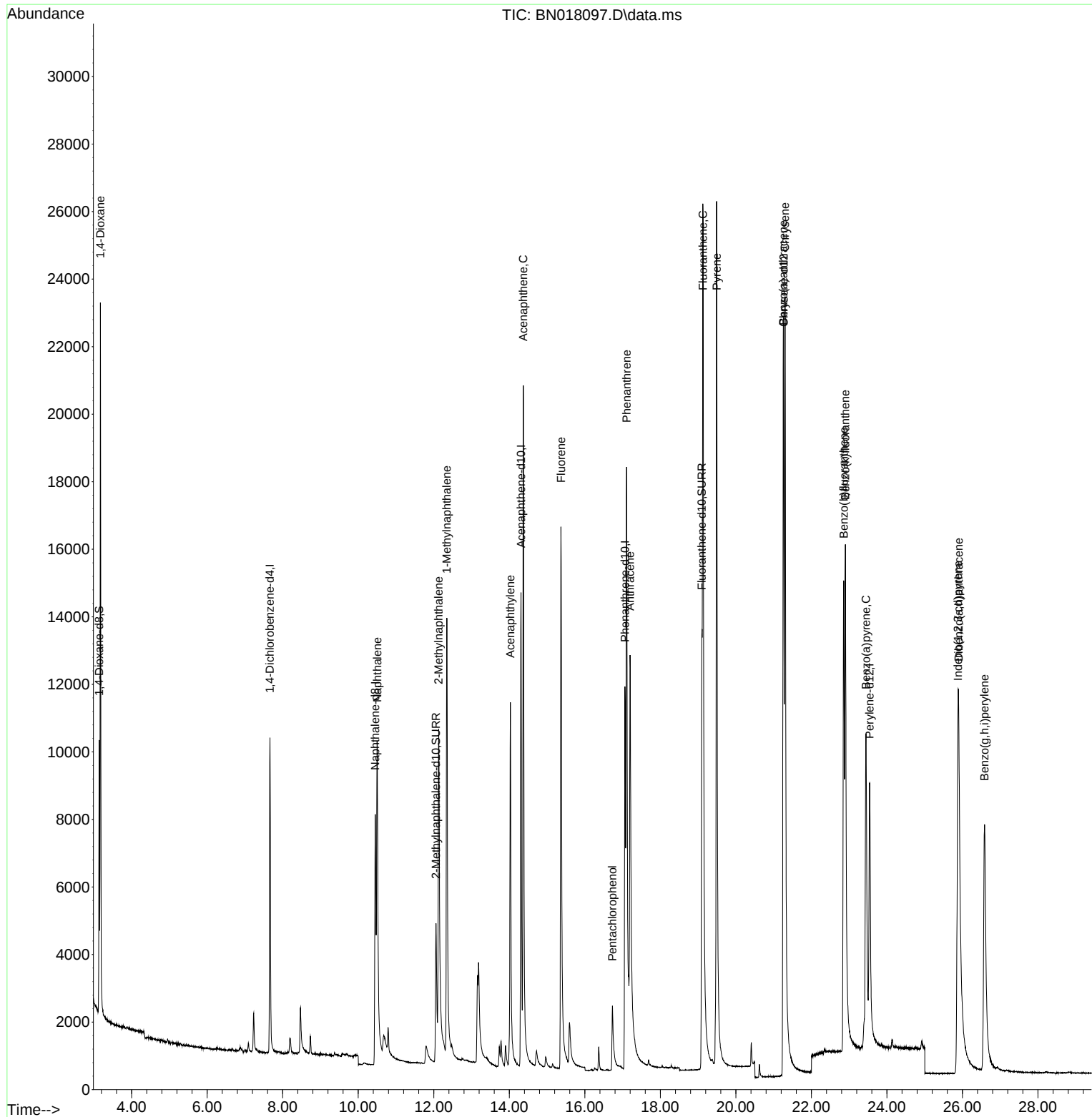
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.662	152	5248	0.400	ng/ul	0.00
4) Naphthalene-d8	10.449	136	15898	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.310	164	9470	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.063	188	18146	0.400	ng/ul	0.00
17) Chrysene-d12	21.264	240	15181	0.400	ng/ul	# 0.00
23) Perylene-d12	23.541	264	12353	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	4671	0.857	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.060	152	8572	0.463	ng/ul	0.00
18) Fluoranthene-d10	19.097	212	23221	0.537	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.173	88	12710	1.986	ng/ul#	43
5) Naphthalene	10.504	128	18694	0.429	ng/ul	97
7) 2-Methylnaphthalene	12.132	142	10816	0.442	ng/ul	100
8) 1-Methylnaphthalene	12.346	142	11721	0.412	ng/ul	100
10) Acenaphthylene	14.027	152	16666	0.434	ng/ul	99
11) Acenaphthene	14.370	153	14458	0.424	ng/ul	98
12) Fluorene	15.369	166	15891	0.423	ng/ul	98
14) Pentachlorophenol	16.729	266	2441	0.768	ng/ul	99
15) Phenanthrene	17.105	178	25922	0.412	ng/ul	99
16) Anthracene	17.198	178	20750	0.419	ng/ul	98
19) Fluoranthene	19.129	202	31190	0.510	ng/ul	97
20) Pyrene	19.492	202	33332	0.487	ng/ul#	92
21) Benzo(a)anthracene	21.253	228	19983	0.443	ng/ul	99
22) Chrysene	21.302	228	28825	0.445	ng/ul	100
24) Benzo(b)fluoranthene	22.857	252	22569	0.457	ng/ul	85
25) Benzo(k)fluoranthene	22.898	252	28703	0.436	ng/ul#	83
26) Benzo(a)pyrene	23.445	252	21400	0.449	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.878	276	25612	0.477	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.899	278	19105	0.487	ng/ul#	83
29) Benzo(g,h,i)perylene	26.586	276	22864	0.497	ng/ul#	86

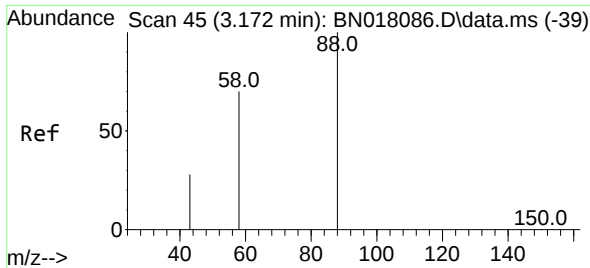
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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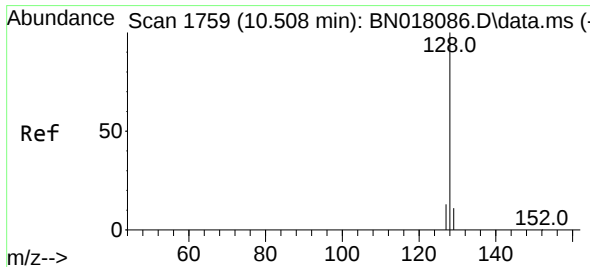
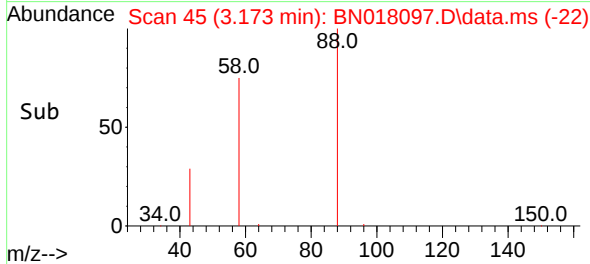
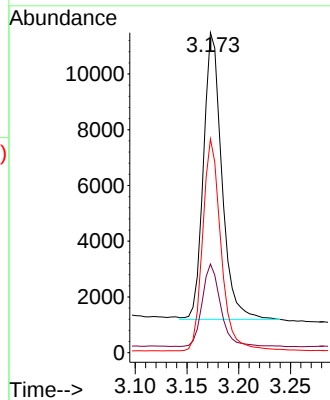
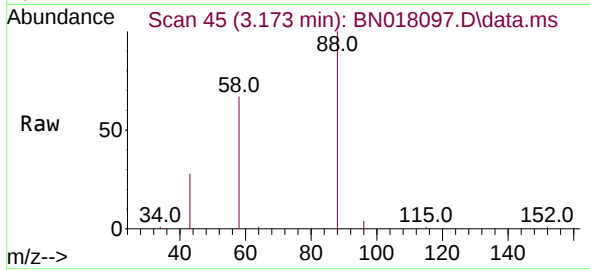




#2
1,4-Dioxane
Concen: 1.986 ng/ul
RT: 3.173 min Scan# 41
Delta R.T. -0.004 min
Lab File: BN018097.D
Acq: 17 Dec 2021 13:22

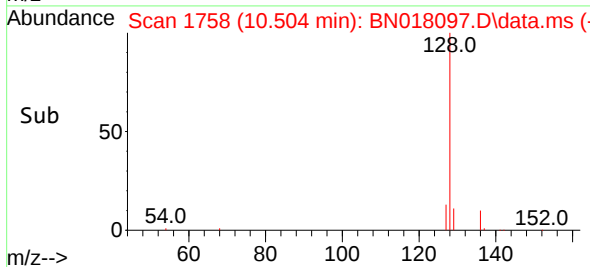
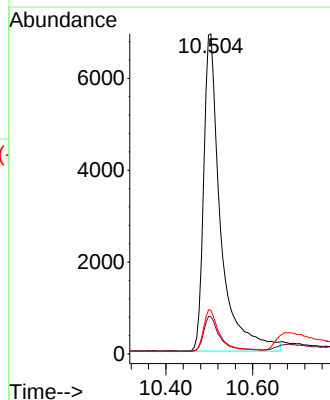
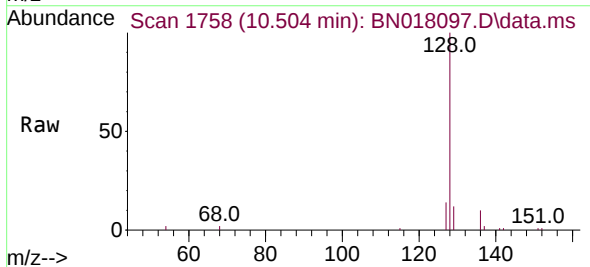
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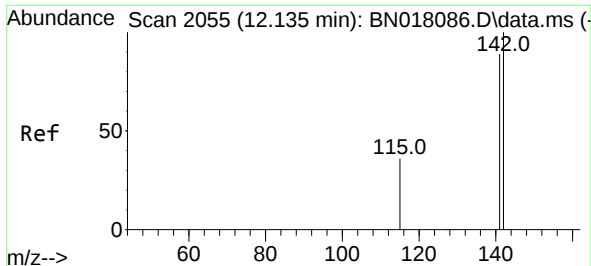
Tgt Ion: 88 Resp: 12710
Ion Ratio Lower Upper
88 100
43 27.7 85.8 128.6#
58 66.8 43.4 65.0#



#5
Naphthalene
Concen: 0.429 ng/ul
RT: 10.504 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BN018097.D
Acq: 17 Dec 2021 13:22

Tgt Ion: 128 Resp: 18694
Ion Ratio Lower Upper
128 100
129 11.7 10.4 15.6
127 13.7 11.8 17.6

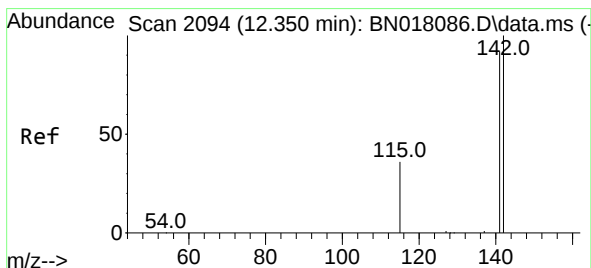
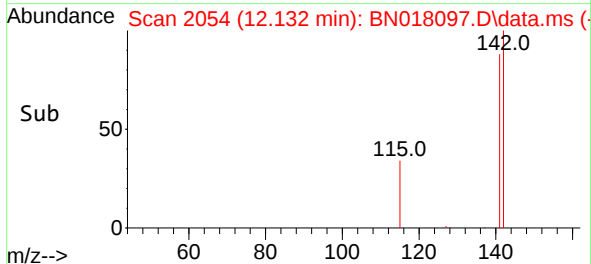
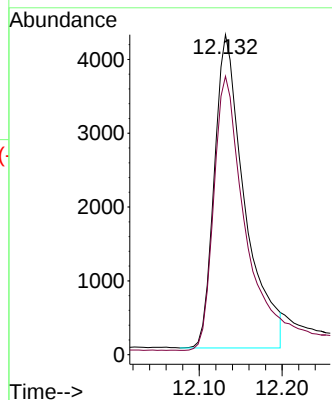
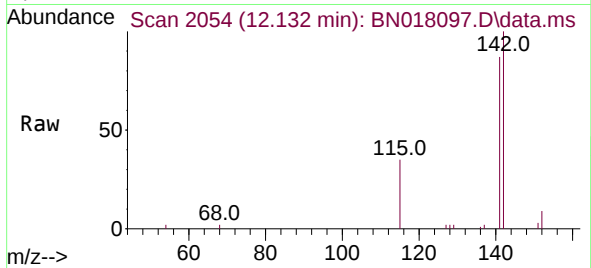




#7
2-Methylnaphthalene
Concen: 0.442 ng/ul
RT: 12.132 min Scan# 2054
Delta R.T. -0.006 min
Lab File: BN018097.D
Acq: 17 Dec 2021 13:22

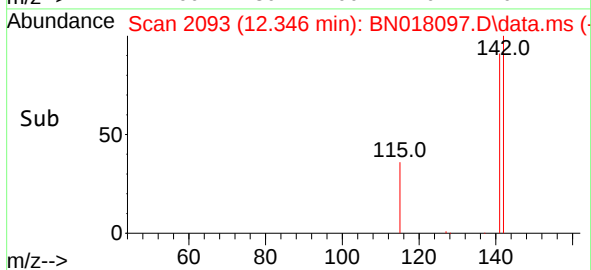
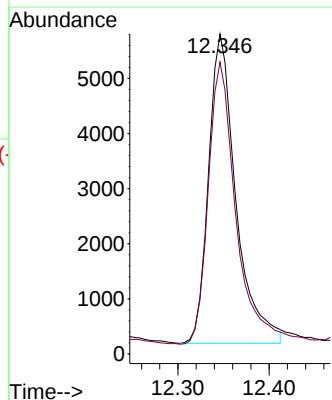
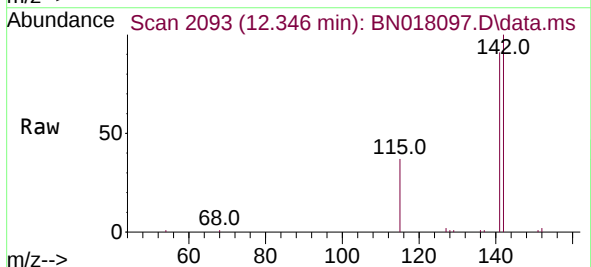
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ClientSampleId :
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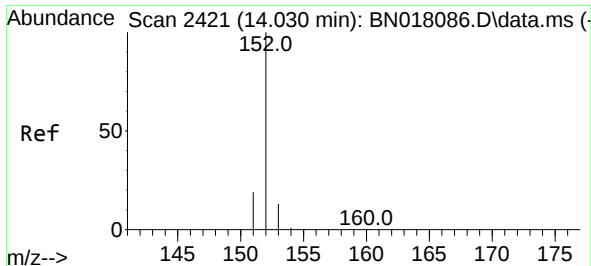
Tgt Ion:142 Resp: 10816
Ion Ratio Lower Upper
142 100
141 89.2 71.5 107.3



#8
1-Methylnaphthalene
Concen: 0.412 ng/ul
RT: 12.346 min Scan# 2093
Delta R.T. -0.006 min
Lab File: BN018097.D
Acq: 17 Dec 2021 13:22

Tgt Ion:142 Resp: 11721
Ion Ratio Lower Upper
142 100
141 91.1 73.3 109.9

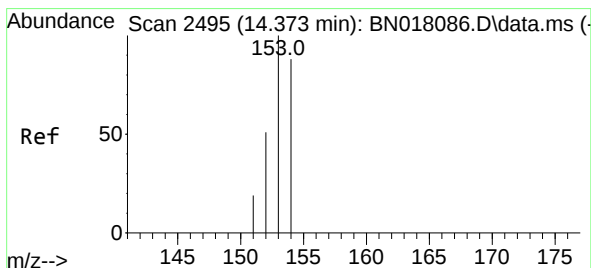
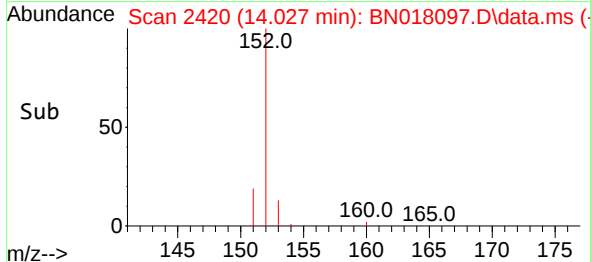
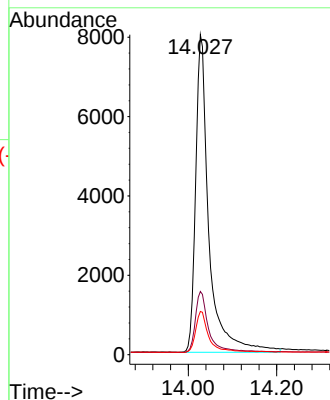
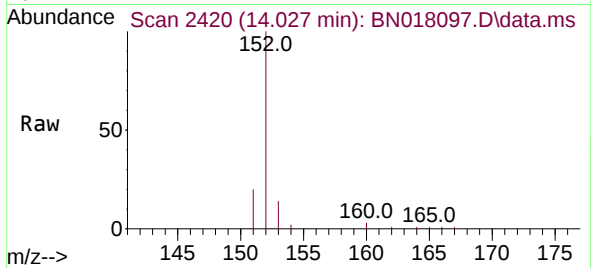




#10
Acenaphthylene
Concen: 0.434 ng/ul
RT: 14.027 min Scan# 2421
Delta R.T. -0.005 min
Lab File: BN018097.D
Acq: 17 Dec 2021 13:22

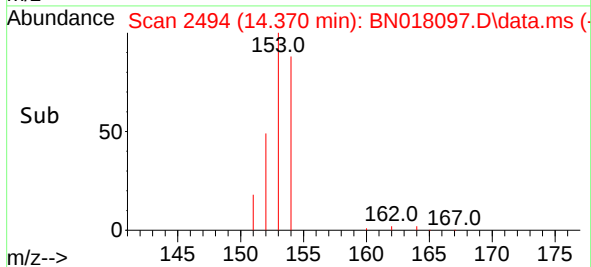
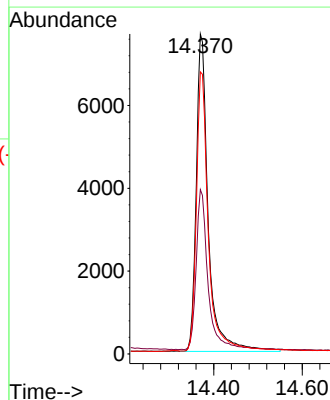
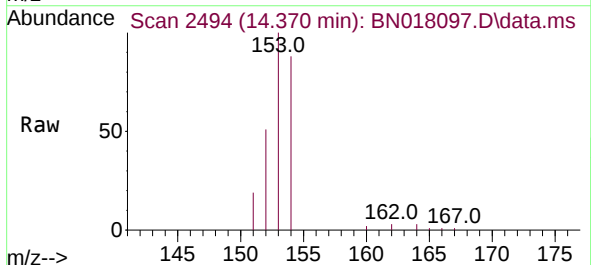
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BNA_N
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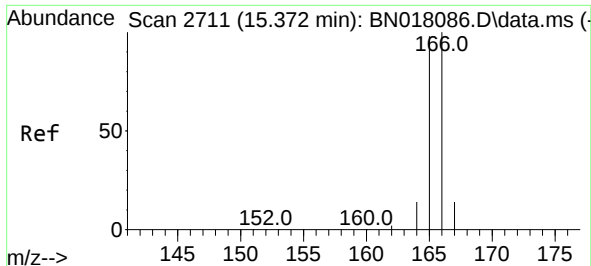
Tgt Ion:152 Resp: 16666
Ion Ratio Lower Upper
152 100
151 19.7 16.4 24.6
153 13.5 11.1 16.7



#11
Acenaphthene
Concen: 0.424 ng/ul
RT: 14.370 min Scan# 2494
Delta R.T. -0.005 min
Lab File: BN018097.D
Acq: 17 Dec 2021 13:22

Tgt Ion:153 Resp: 14458
Ion Ratio Lower Upper
153 100
152 51.3 38.3 57.5
154 88.1 71.1 106.7

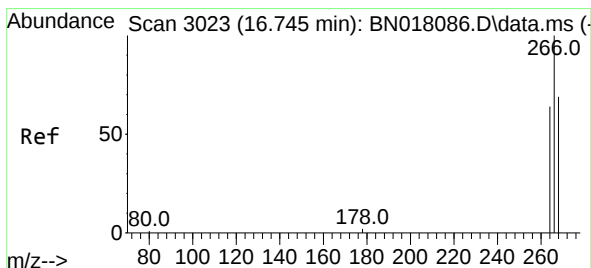
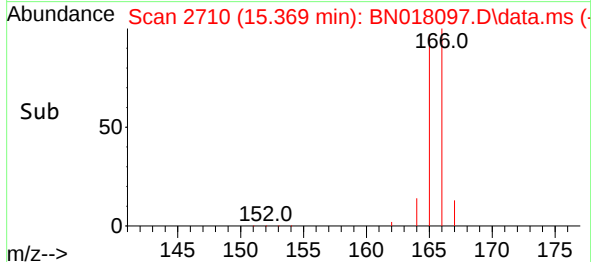
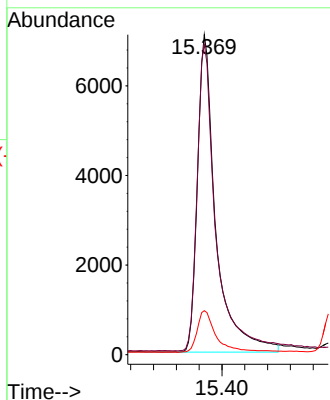
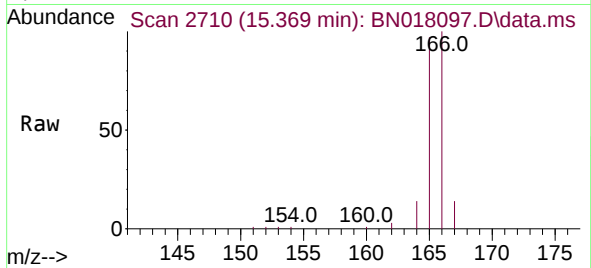




#12
Fluorene
Concen: 0.423 ng/ul
RT: 15.369 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN018097.D
Acq: 17 Dec 2021 13:22

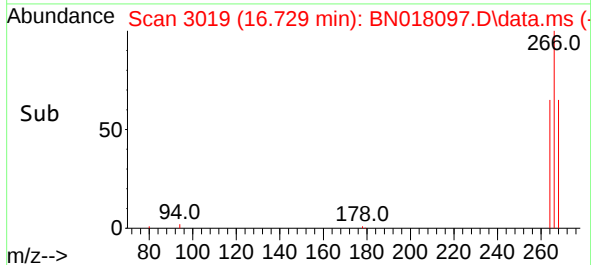
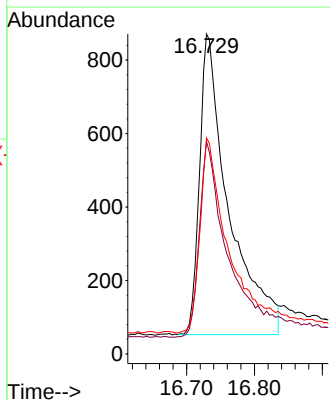
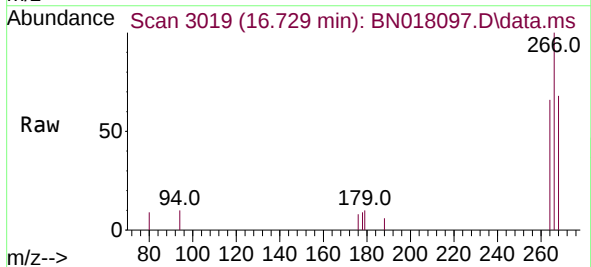
Instrument :
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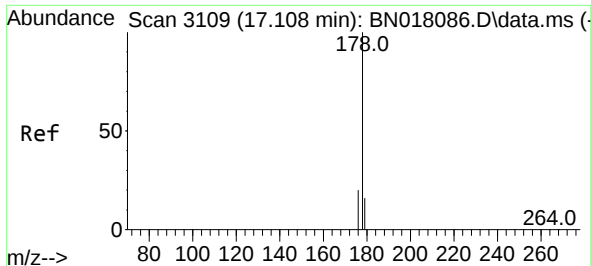
Tgt Ion:166 Resp: 15891
Ion Ratio Lower Upper
166 100
165 97.1 79.2 118.8
167 13.7 11.2 16.8



#14
Pentachlorophenol
Concen: 0.768 ng/ul
RT: 16.729 min Scan# 3019
Delta R.T. -0.025 min
Lab File: BN018097.D
Acq: 17 Dec 2021 13:22

Tgt Ion:266 Resp: 2441
Ion Ratio Lower Upper
266 100
264 63.3 50.3 75.5
268 63.9 52.2 78.4

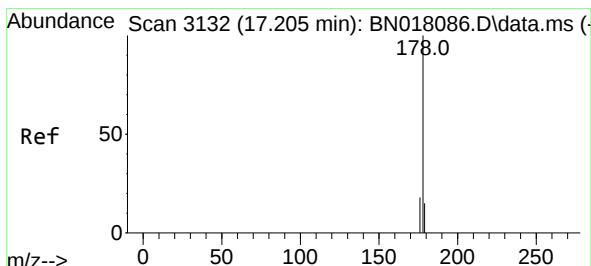
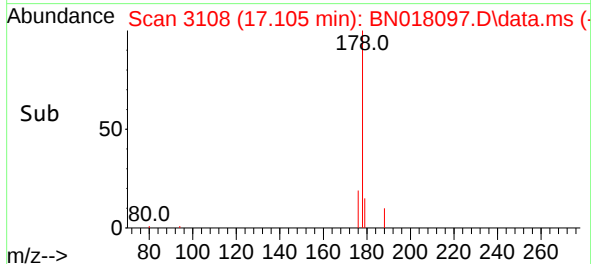
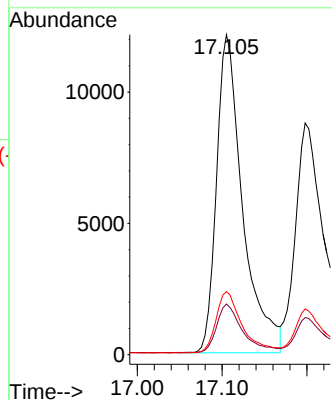
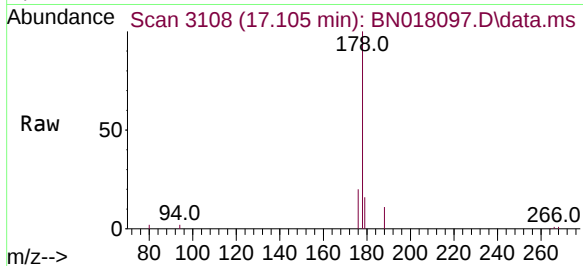




#15
Phenanthrene
Concen: 0.412 ng/ul
RT: 17.105 min Scan# 3108
Delta R.T. -0.004 min
Lab File: BN018097.D
Acq: 17 Dec 2021 13:22

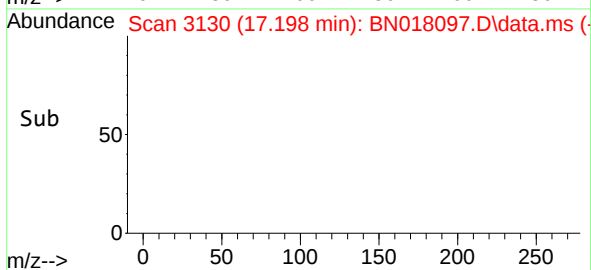
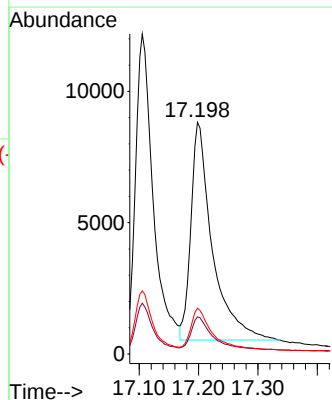
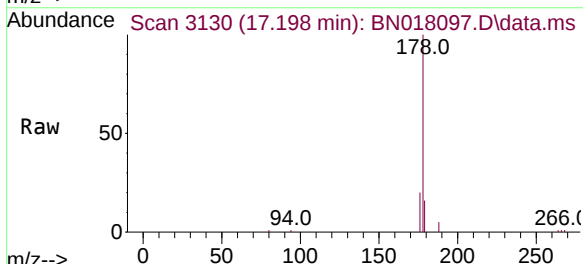
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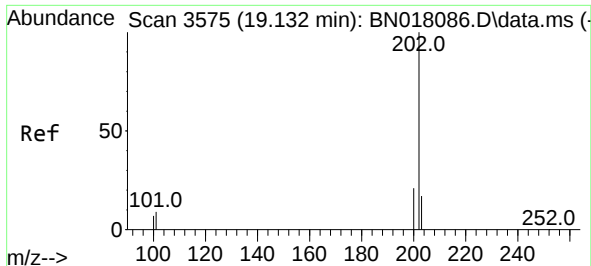
Tgt Ion:178 Resp: 25922
Ion Ratio Lower Upper
178 100
179 15.9 13.0 19.4
176 19.7 15.6 23.4



#16
Anthracene
Concen: 0.419 ng/ul
RT: 17.198 min Scan# 3130
Delta R.T. -0.008 min
Lab File: BN018097.D
Acq: 17 Dec 2021 13:22

Tgt Ion:178 Resp: 20750
Ion Ratio Lower Upper
178 100
179 16.0 13.3 19.9
176 19.8 15.1 22.7

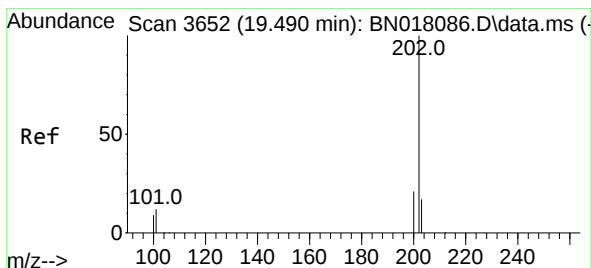
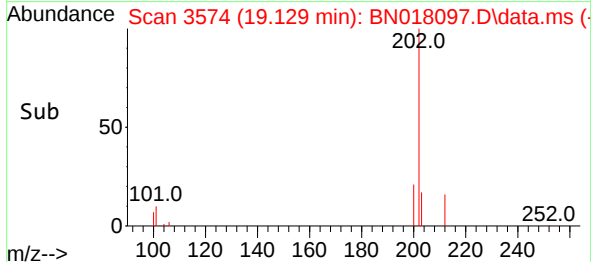
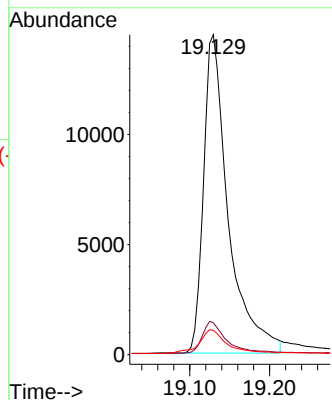
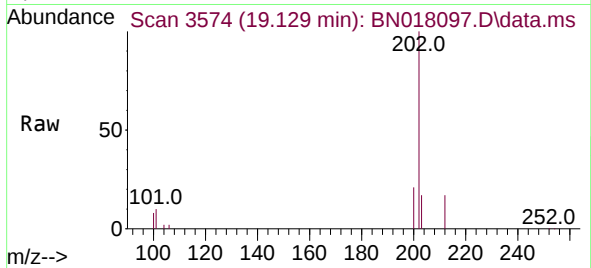




#19
Fluoranthene
Concen: 0.510 ng/ul
RT: 19.129 min Scan# 31190
Delta R.T. -0.000 min
Lab File: BN018097.D
Acq: 17 Dec 2021 13:22

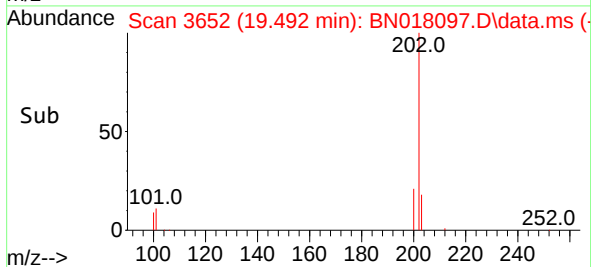
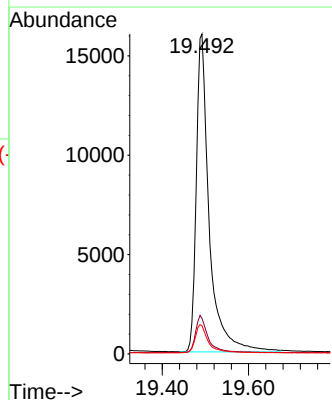
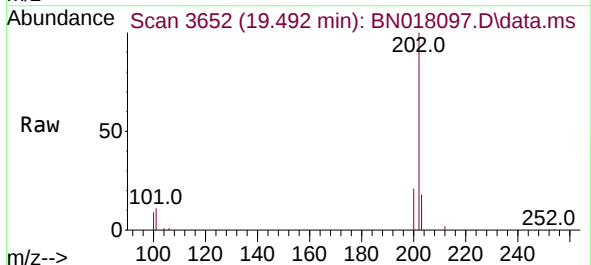
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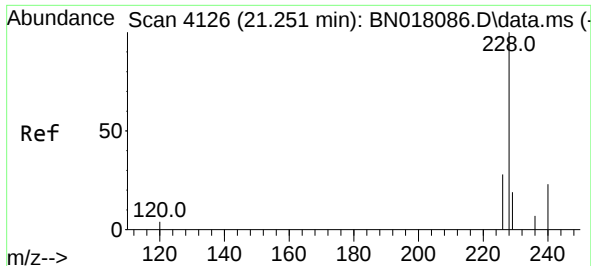
Tgt Ion:202 Resp: 31190
Ion Ratio Lower Upper
202 100
101 10.0 9.0 13.4
100 7.6 6.8 10.2



#20
Pyrene
Concen: 0.487 ng/ul
RT: 19.492 min Scan# 3652
Delta R.T. -0.000 min
Lab File: BN018097.D
Acq: 17 Dec 2021 13:22

Tgt Ion:202 Resp: 33332
Ion Ratio Lower Upper
202 100
101 11.2 11.4 17.2#
100 8.9 9.4 14.0#

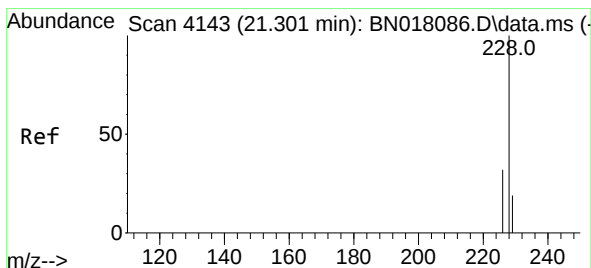
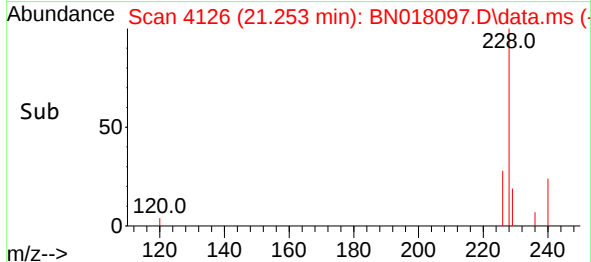
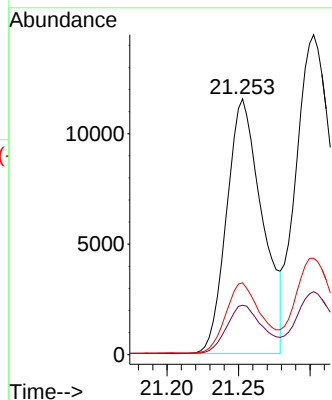
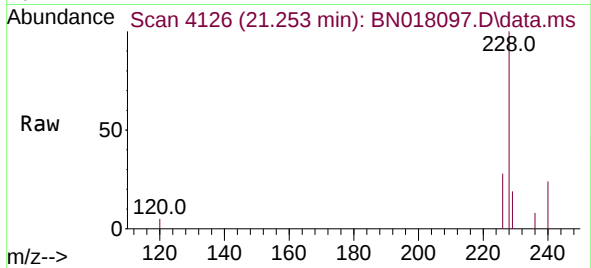




#21
Benzo(a)anthracene
Concen: 0.443 ng/ul
RT: 21.253 min Scan# 4126
Delta R.T. 0.003 min
Lab File: BN018097.D
Acq: 17 Dec 2021 13:22

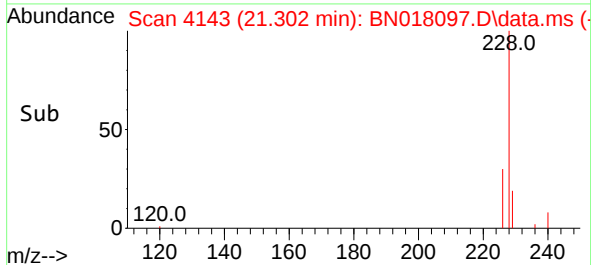
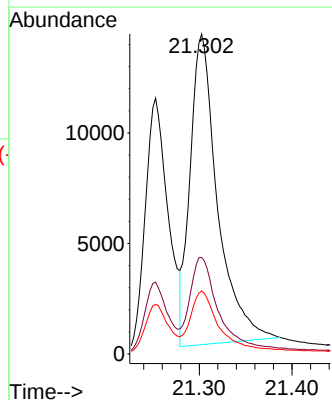
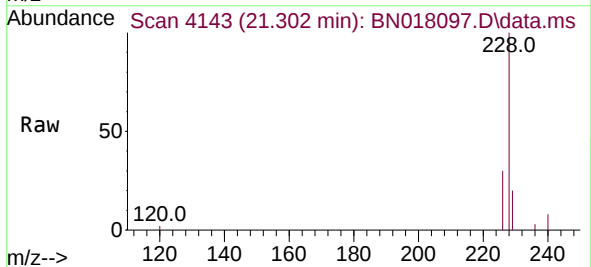
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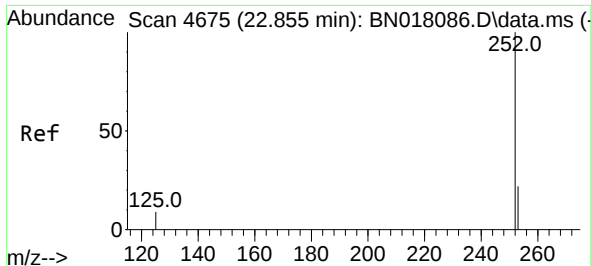
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Ion Ratio Lower Upper
228 100
229 19.4 15.8 23.6
226 28.1 21.8 32.8



#22
Chrysene
Concen: 0.445 ng/ul
RT: 21.302 min Scan# 4143
Delta R.T. 0.003 min
Lab File: BN018097.D
Acq: 17 Dec 2021 13:22

Tgt Ion:228 Resp: 28825
Ion Ratio Lower Upper
228 100
226 30.1 23.9 35.9
229 19.7 15.7 23.5

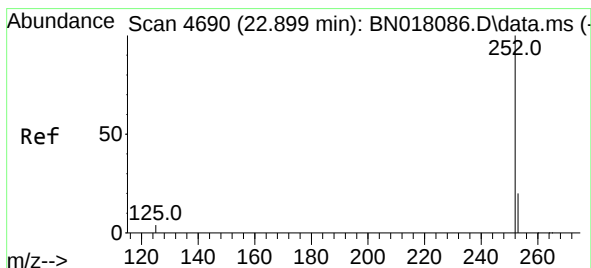
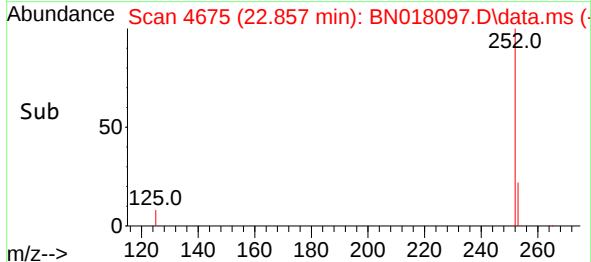
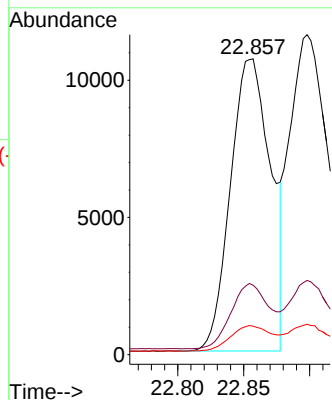
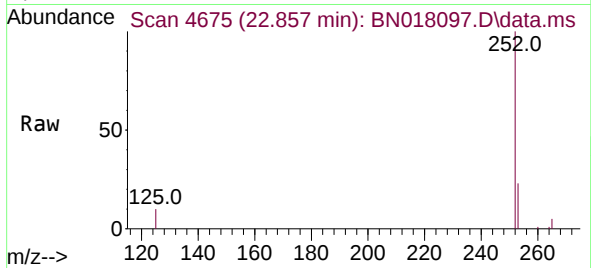




#24
Benzo(b)fluoranthene
Concen: 0.457 ng/ul
RT: 22.857 min Scan# 4675
Delta R.T. 0.006 min
Lab File: BN018097.D
Acq: 17 Dec 2021 13:22

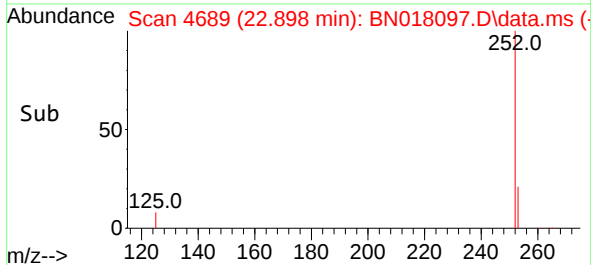
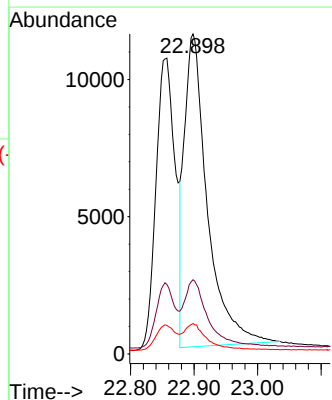
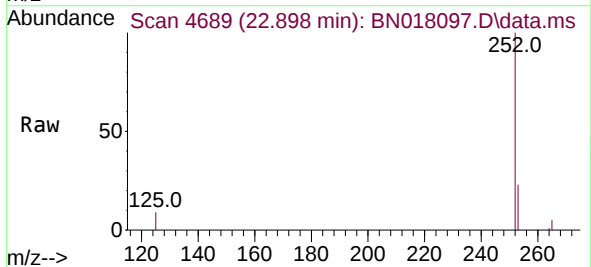
Instrument :
BNA_N
ClientSampleId :
SLCS373

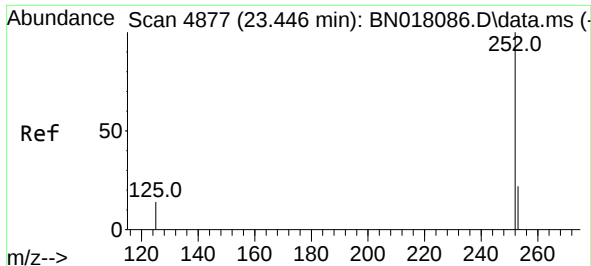
Tgt Ion:252 Resp: 22569
Ion Ratio Lower Upper
252 100
253 23.5 0.0 57.6
125 9.6 0.0 39.0



#25
Benzo(k)fluoranthene
Concen: 0.436 ng/ul
RT: 22.898 min Scan# 4689
Delta R.T. 0.006 min
Lab File: BN018097.D
Acq: 17 Dec 2021 13:22

Tgt Ion:252 Resp: 28703
Ion Ratio Lower Upper
252 100
253 23.2 23.1 34.7
125 9.5 17.1 25.7#

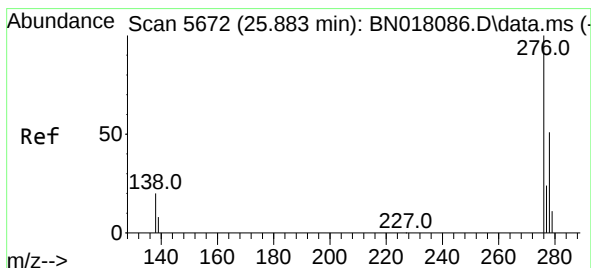
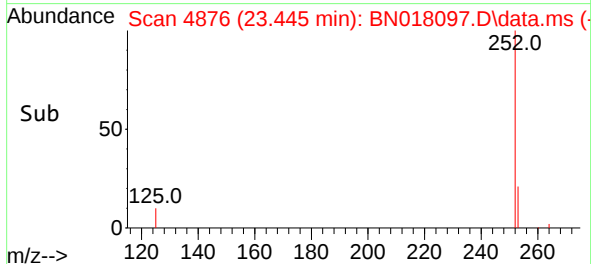
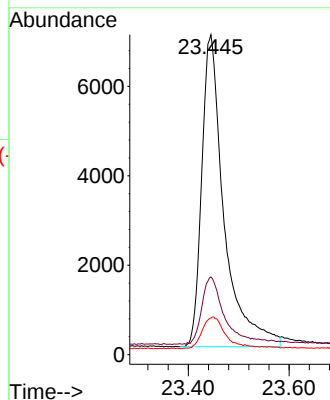
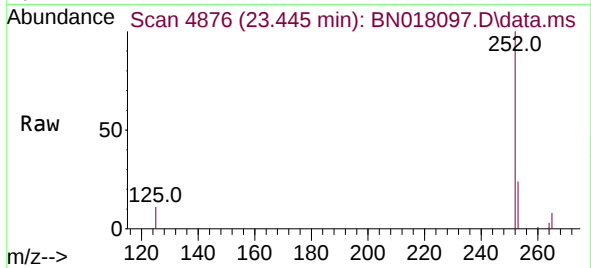




#26
Benzo(a)pyrene
Concen: 0.449 ng/ul
RT: 23.445 min Scan# 4876
Delta R.T. 0.006 min
Lab File: BN018097.D
Acq: 17 Dec 2021 13:22

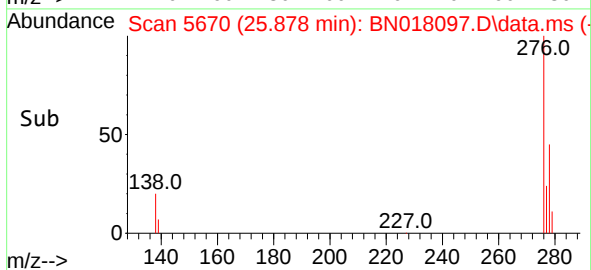
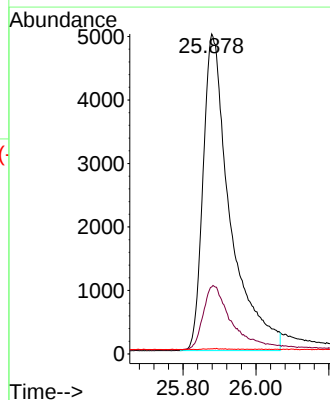
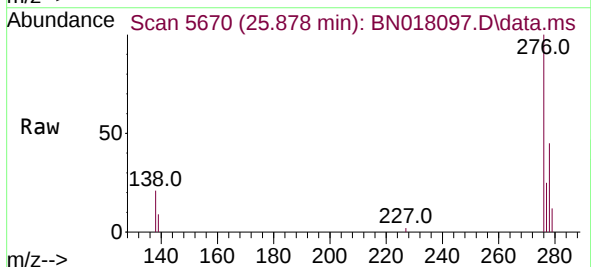
Instrument :
BNA_N
ClientSampleId :
SLCS373

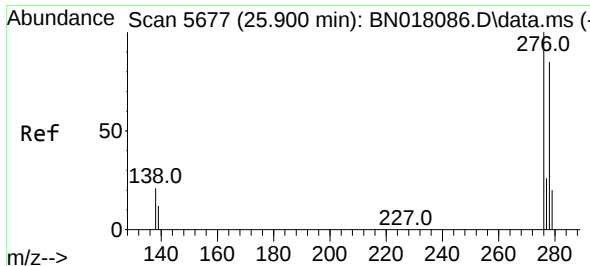
Tgt Ion:252 Resp: 21400
Ion Ratio Lower Upper
252 100
253 24.3 25.0 37.4#
125 11.4 19.3 28.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.477 ng/ul
RT: 25.878 min Scan# 5670
Delta R.T. 0.004 min
Lab File: BN018097.D
Acq: 17 Dec 2021 13:22

Tgt Ion:276 Resp: 25612
Ion Ratio Lower Upper
276 100
138 21.6 0.1 0.1#
227 0.1 0.0 0.0#

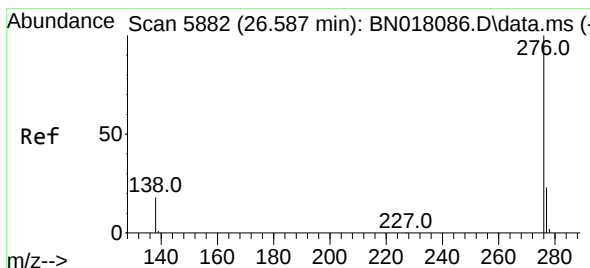
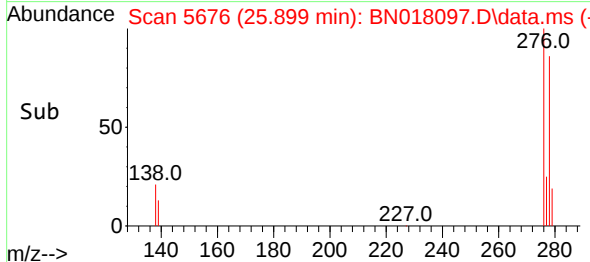
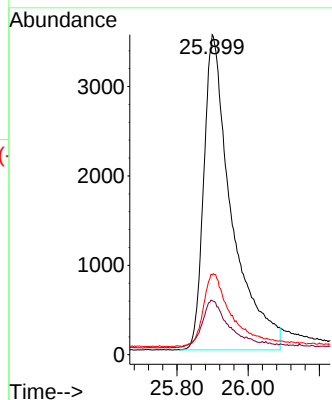
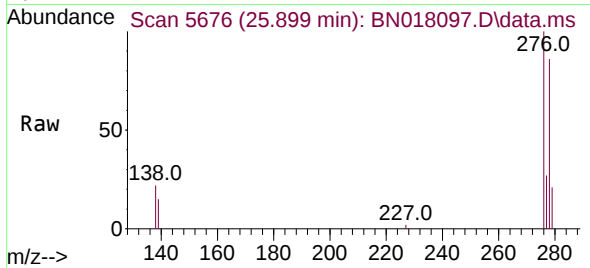




#28
 Dibenzo(a,h)anthracene
 Concen: 0.487 ng/ul
 RT: 25.899 min Scan# 5676
 Delta R.T. 0.000 min
 Lab File: BN018097.D
 Acq: 17 Dec 2021 13:22

Instrument :
 BNA_N
 ClientSampleId :
 SLCS373

Tgt Ion:278 Resp: 19105
 Ion Ratio Lower Upper
 278 100
 139 16.9 21.8 32.8#
 279 24.9 26.3 39.5#



#29
 Benzo(g,h,i)perylene
 Concen: 0.497 ng/ul
 RT: 26.586 min Scan# 5881
 Delta R.T. 0.010 min
 Lab File: BN018097.D
 Acq: 17 Dec 2021 13:22

Tgt Ion:276 Resp: 22864
 Ion Ratio Lower Upper
 276 100
 138 19.4 24.5 36.7#
 277 23.6 21.2 31.8

