

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121621\
 Data File : BN018051.D
 Acq On : 16 Dec 2021 07:46
 Operator : CG/JU
 Sample : PB141294BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS294

Quant Time: Dec 16 08:25:35 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

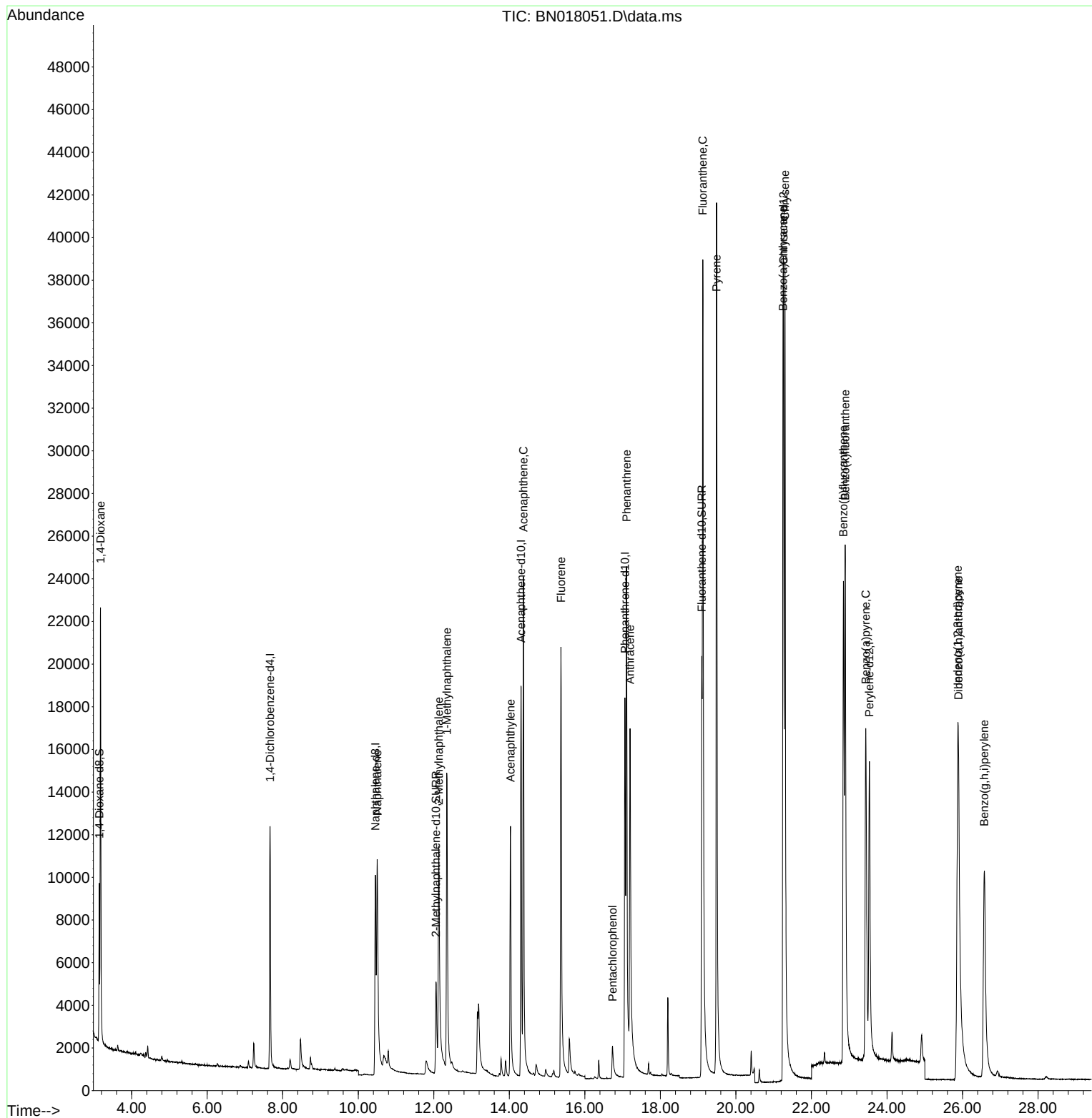
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.666	152	6581	0.400	ng/ul	0.00
4) Naphthalene-d8	10.453	136	19798	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.313	164	12324	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.061	188	26562	0.400	ng/ul	0.00
17) Chrysene-d12	21.260	240	26561	0.400	ng/ul	# 0.00
23) Perylene-d12	23.534	264	22045	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	4585	0.671	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.059	152	8925	0.387	ng/ul	0.00
18) Fluoranthene-d10	19.095	212	30991	0.409	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.177	88	13274	1.654	ng/ul#	44
5) Naphthalene	10.502	128	19684	0.363	ng/ul	97
7) 2-Methylnaphthalene	12.136	142	11683	0.383	ng/ul	99
8) 1-Methylnaphthalene	12.350	142	12631	0.357	ng/ul	99
10) Acenaphthylene	14.030	152	18191	0.364	ng/ul	100
11) Acenaphthene	14.373	153	16128	0.363	ng/ul	98
12) Fluorene	15.368	166	18279	0.374	ng/ul	98
14) Pentachlorophenol	16.732	266	2023	0.435	ng/ul	99
15) Phenanthrene	17.104	178	32070	0.348	ng/ul	99
16) Anthracene	17.196	178	26803	0.370	ng/ul	99
19) Fluoranthene	19.123	202	43713	0.408	ng/ul	98
20) Pyrene	19.486	202	47409	0.396	ng/ul	94
21) Benzo(a)anthracene	21.245	228	33522	0.424	ng/ul	98
22) Chrysene	21.298	228	43240	0.381	ng/ul	99
24) Benzo(b)fluoranthene	22.847	252	36191	0.411	ng/ul	84
25) Benzo(k)fluoranthene	22.894	252	43282	0.368	ng/ul#	82
26) Benzo(a)pyrene	23.437	252	33181	0.390	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	25.877	276	35835	0.374	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.893	278	26582	0.379	ng/ul#	83
29) Benzo(g,h,i)perylene	26.578	276	29636	0.361	ng/ul#	87

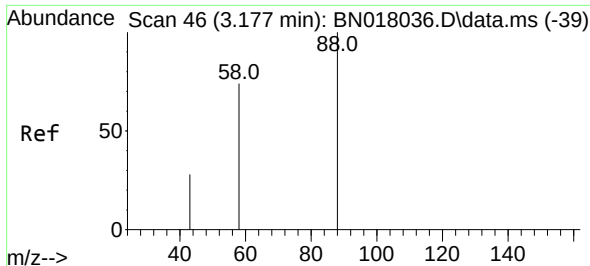
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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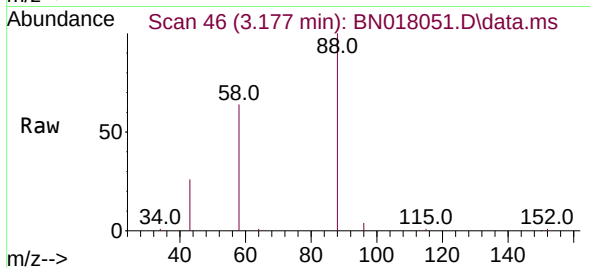
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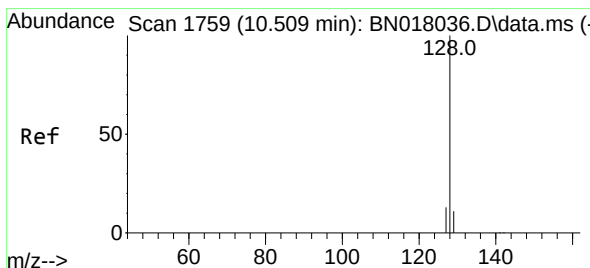
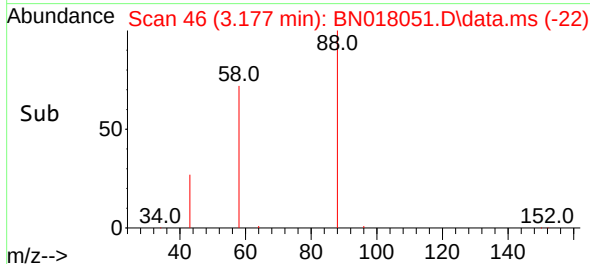
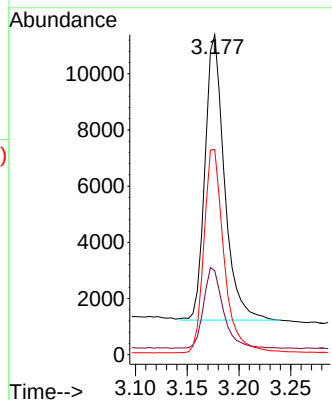


#2
1,4-Dioxane
Concen: 1.654 ng/ul
RT: 3.177 min Scan# 46
Delta R.T. -0.000 min
Lab File: BN018051.D
Acq: 16 Dec 2021 07:46

Instrument :
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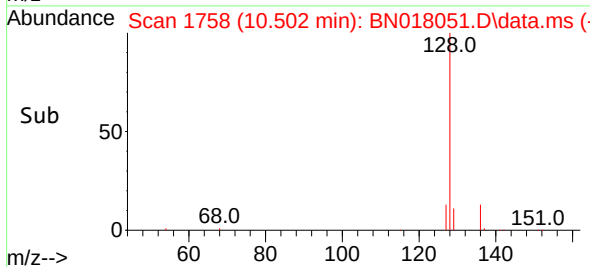
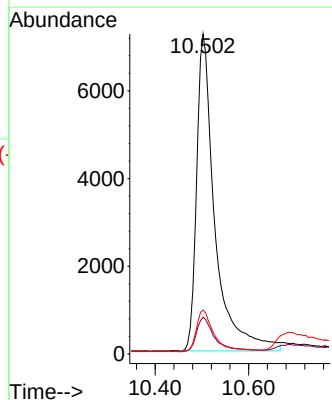
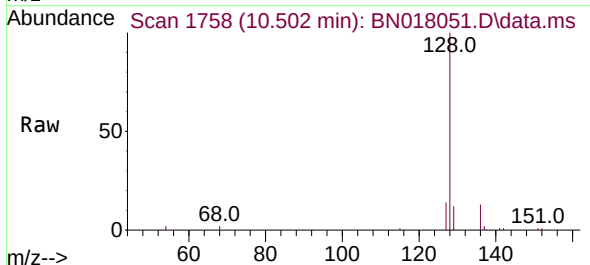


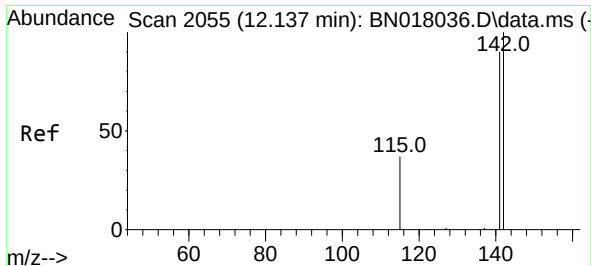
Tgt Ion: 88 Resp: 13274
Ion Ratio Lower Upper
88 100
43 26.3 85.8 128.6#
58 64.1 43.4 65.0



#5
Naphthalene
Concen: 0.363 ng/ul
RT: 10.502 min Scan# 1758
Delta R.T. -0.007 min
Lab File: BN018051.D
Acq: 16 Dec 2021 07:46

Tgt Ion:128 Resp: 19684
Ion Ratio Lower Upper
128 100
129 11.5 10.4 15.6
127 13.7 11.8 17.6

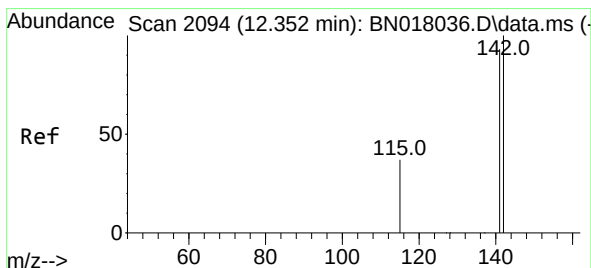
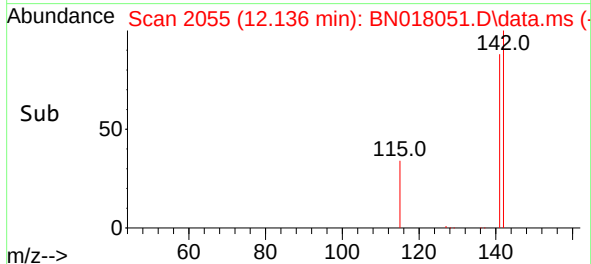
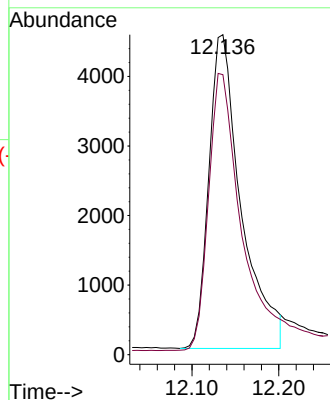
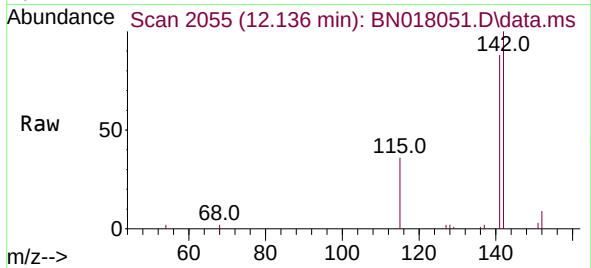




#7
2-Methylnaphthalene
Concen: 0.383 ng/ul
RT: 12.136 min Scan# 2055
Delta R.T. -0.002 min
Lab File: BN018051.D
Acq: 16 Dec 2021 07:46

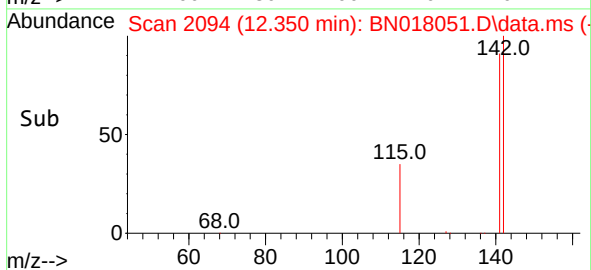
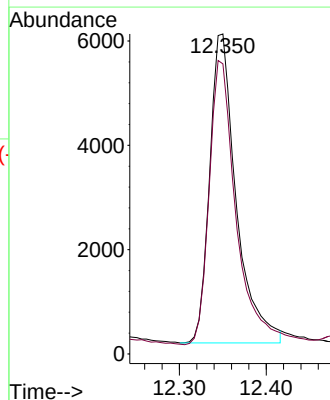
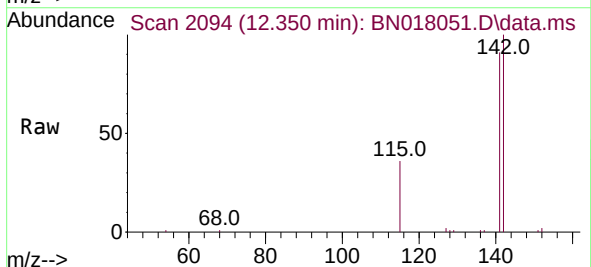
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ClientSampleId :
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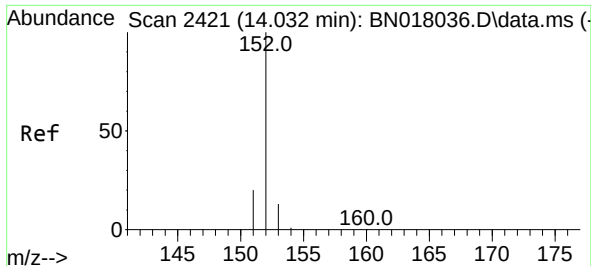
Tgt Ion:142 Resp: 11683
Ion Ratio Lower Upper
142 100
141 88.9 71.5 107.3



#8
1-Methylnaphthalene
Concen: 0.357 ng/ul
RT: 12.350 min Scan# 2094
Delta R.T. -0.002 min
Lab File: BN018051.D
Acq: 16 Dec 2021 07:46

Tgt Ion:142 Resp: 12631
Ion Ratio Lower Upper
142 100
141 92.3 73.3 109.9

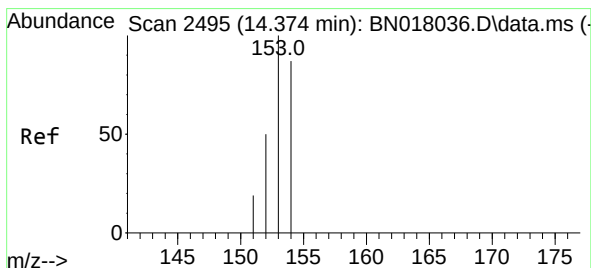
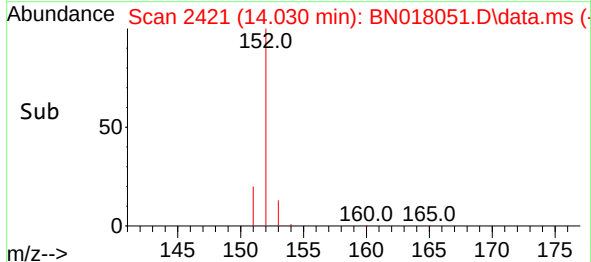
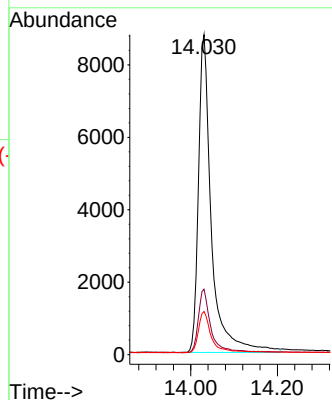
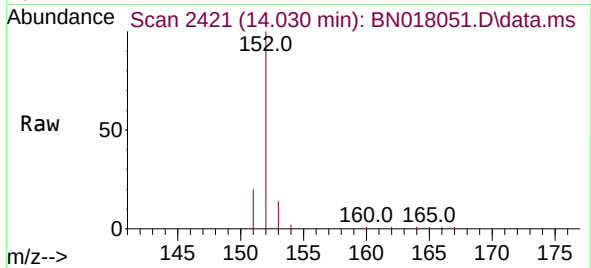




#10
Acenaphthylene
Concen: 0.364 ng/ul
RT: 14.030 min Scan# 2421
Delta R.T. -0.002 min
Lab File: BN018051.D
Acq: 16 Dec 2021 07:46

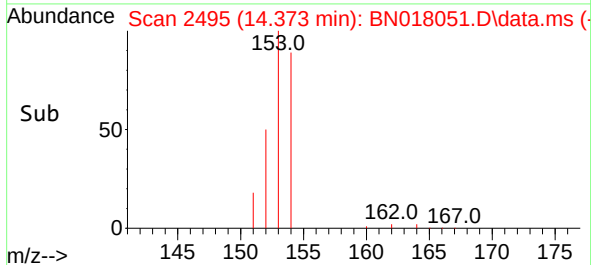
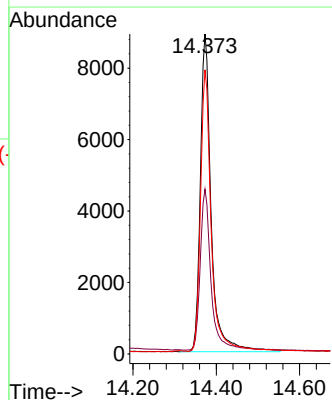
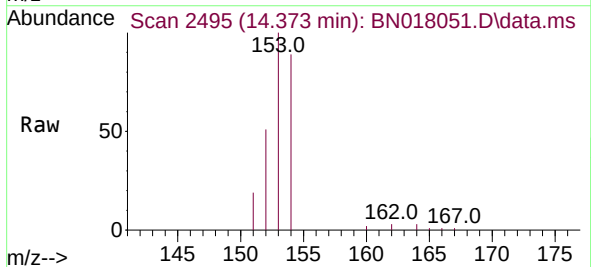
Instrument :
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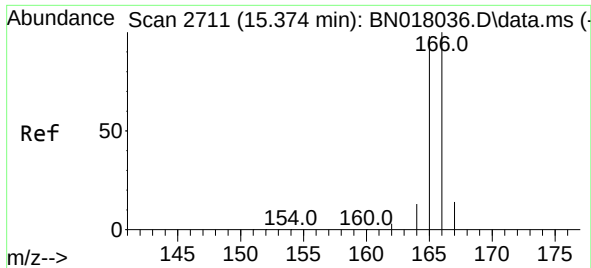
Tgt Ion:152 Resp: 18191
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6
153 13.5 11.1 16.7



#11
Acenaphthene
Concen: 0.363 ng/ul
RT: 14.373 min Scan# 2495
Delta R.T. -0.002 min
Lab File: BN018051.D
Acq: 16 Dec 2021 07:46

Tgt Ion:153 Resp: 16128
Ion Ratio Lower Upper
153 100
152 51.5 38.3 57.5
154 88.8 71.1 106.7

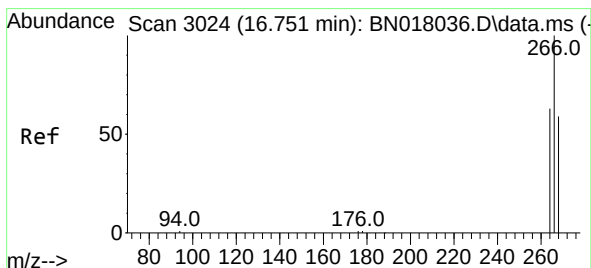
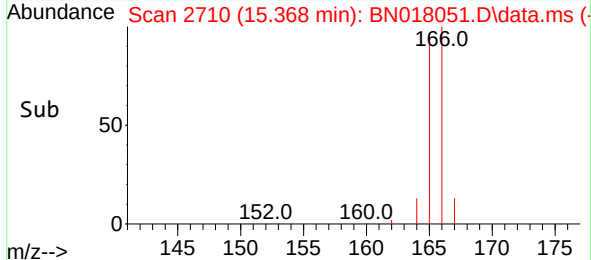
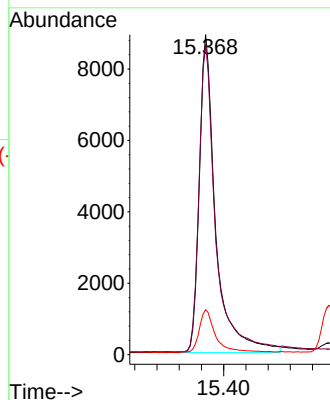
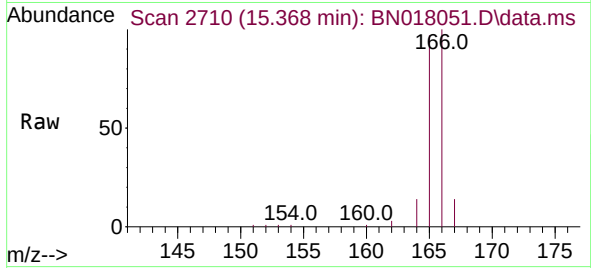




#12
 Fluorene
 Concen: 0.374 ng/ul
 RT: 15.368 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BN018051.D
 Acq: 16 Dec 2021 07:46

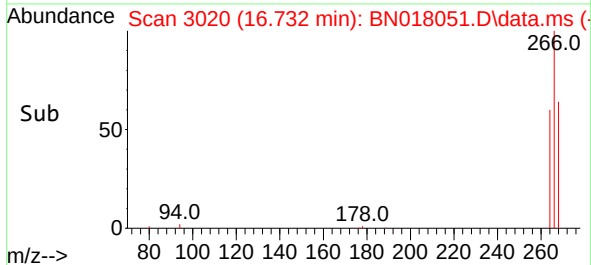
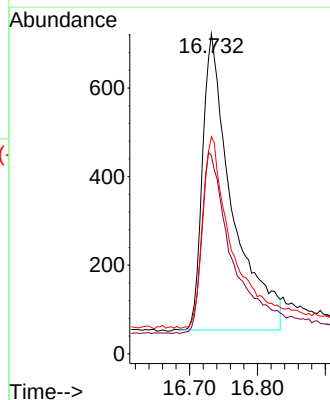
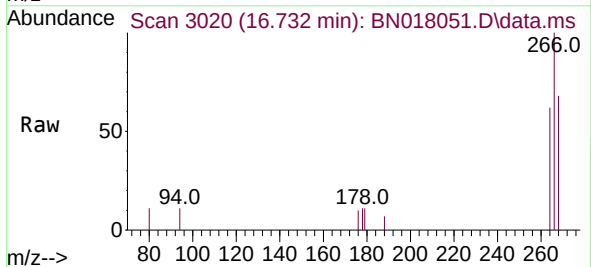
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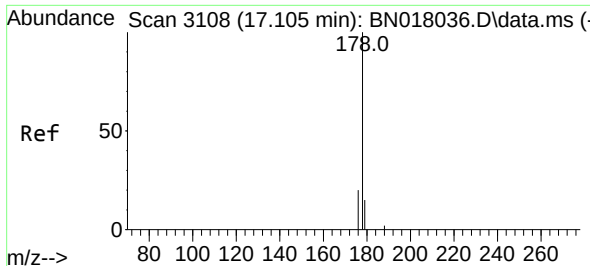
Tgt Ion:166 Resp: 18279
 Ion Ratio Lower Upper
 166 100
 165 97.1 79.2 118.8
 167 14.0 11.2 16.8



#14
 Pentachlorophenol
 Concen: 0.435 ng/ul
 RT: 16.732 min Scan# 3020
 Delta R.T. -0.023 min
 Lab File: BN018051.D
 Acq: 16 Dec 2021 07:46

Tgt Ion:266 Resp: 2023
 Ion Ratio Lower Upper
 266 100
 264 63.4 50.3 75.5
 268 64.1 52.2 78.4

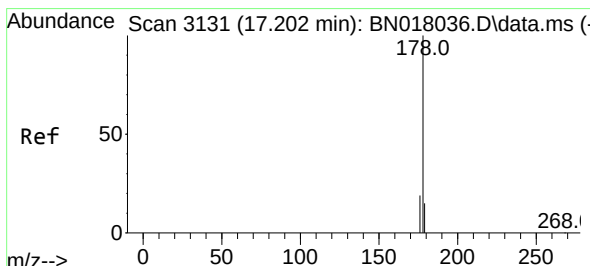
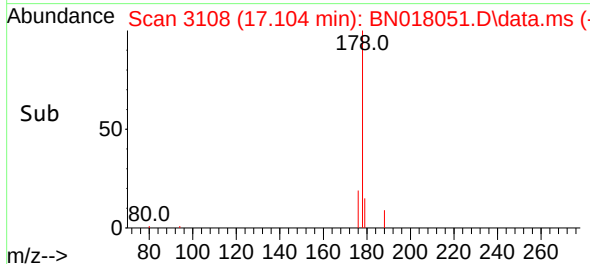
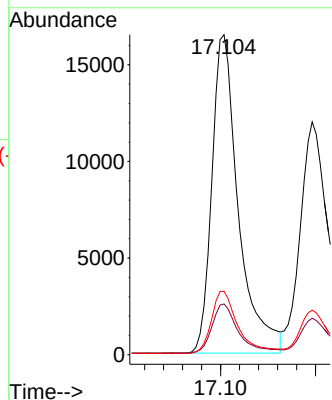
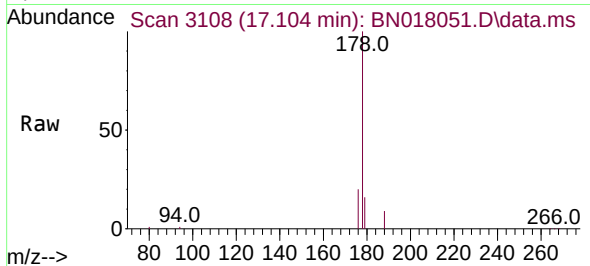




#15
Phenanthrene
Concen: 0.348 ng/ul
RT: 17.104 min Scan# 3108
Delta R.T. -0.006 min
Lab File: BN018051.D
Acq: 16 Dec 2021 07:46

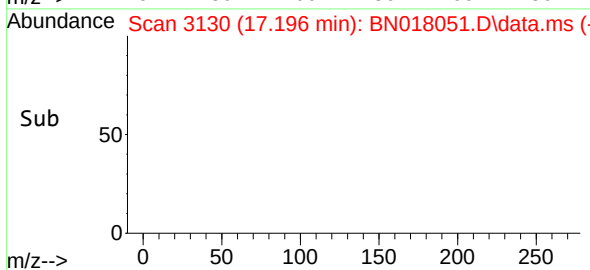
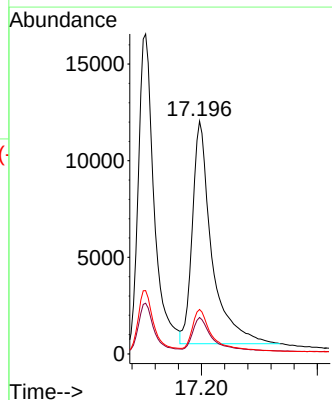
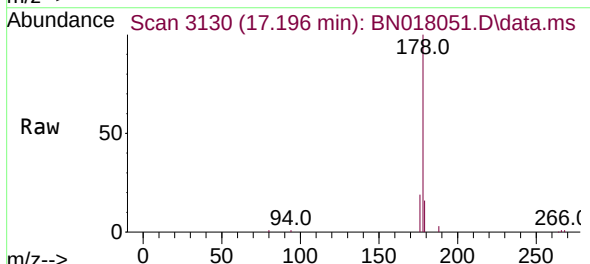
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ClientSampleId :
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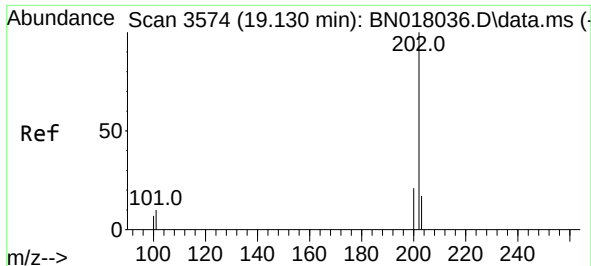
Tgt Ion:178 Resp: 32070
Ion Ratio Lower Upper
178 100
179 15.9 13.0 19.4
176 19.8 15.6 23.4



#16
Anthracene
Concen: 0.370 ng/ul
RT: 17.196 min Scan# 3130
Delta R.T. -0.010 min
Lab File: BN018051.D
Acq: 16 Dec 2021 07:46

Tgt Ion:178 Resp: 26803
Ion Ratio Lower Upper
178 100
179 15.7 13.3 19.9
176 19.1 15.1 22.7

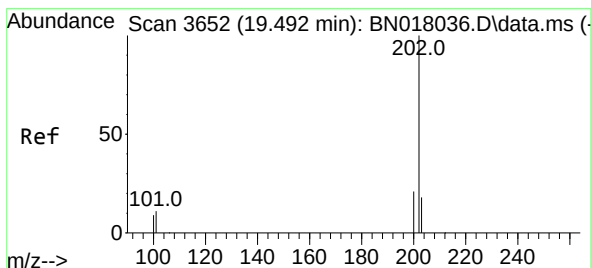
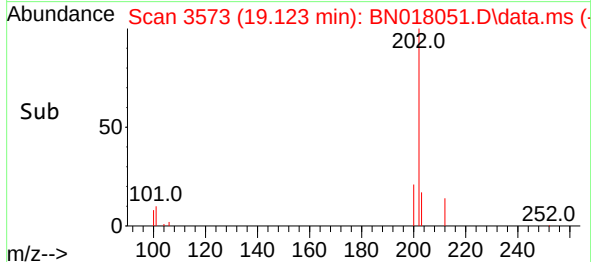
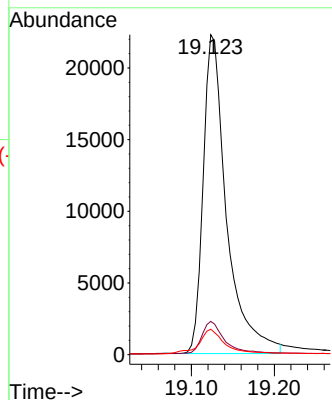
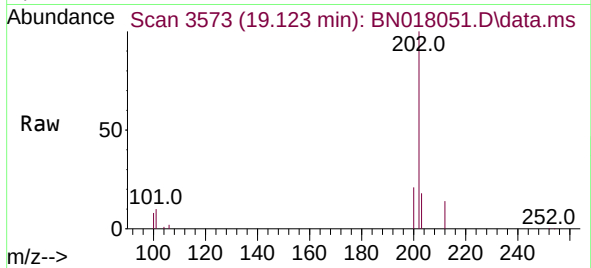




#19
Fluoranthene
Concen: 0.408 ng/ul
RT: 19.123 min Scan# 31
Delta R.T. -0.006 min
Lab File: BN018051.D
Acq: 16 Dec 2021 07:46

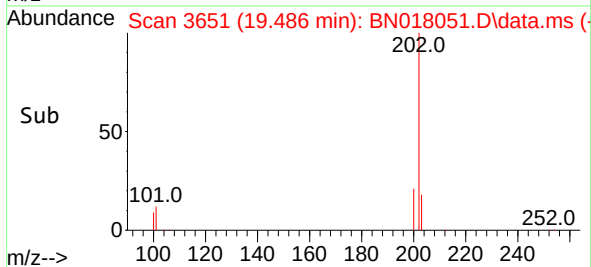
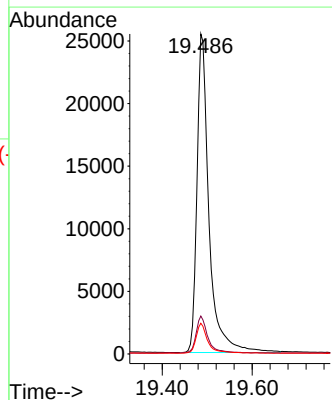
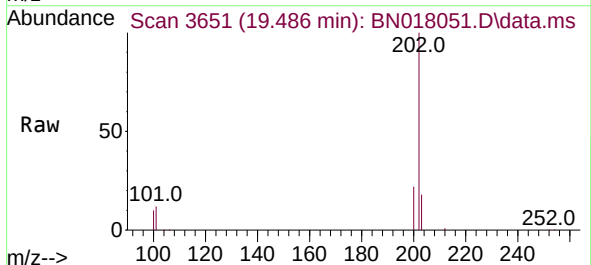
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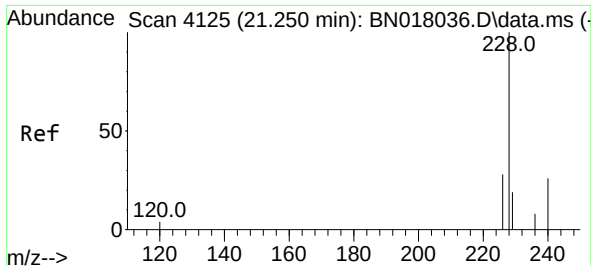
Tgt Ion:202 Resp: 43713
Ion Ratio Lower Upper
202 100
101 10.4 9.0 13.4
100 7.9 6.8 10.2



#20
Pyrene
Concen: 0.396 ng/ul
RT: 19.486 min Scan# 3651
Delta R.T. -0.006 min
Lab File: BN018051.D
Acq: 16 Dec 2021 07:46

Tgt Ion:202 Resp: 47409
Ion Ratio Lower Upper
202 100
101 11.9 11.4 17.2
100 9.6 9.4 14.0

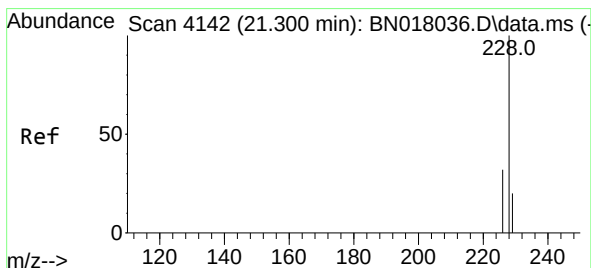
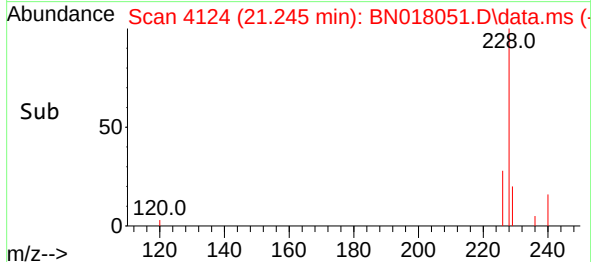
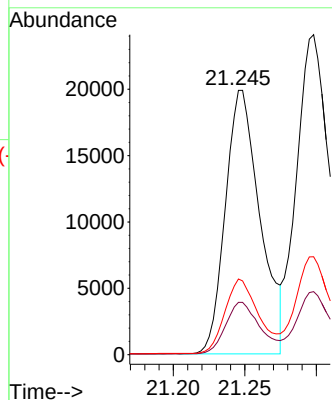
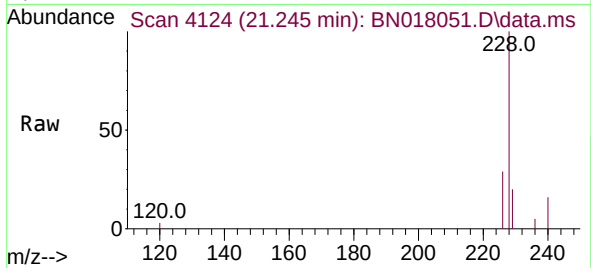




#21
Benzo(a)anthracene
Concen: 0.424 ng/ul
RT: 21.245 min Scan# 4125
Delta R.T. -0.004 min
Lab File: BN018051.D
Acq: 16 Dec 2021 07:46

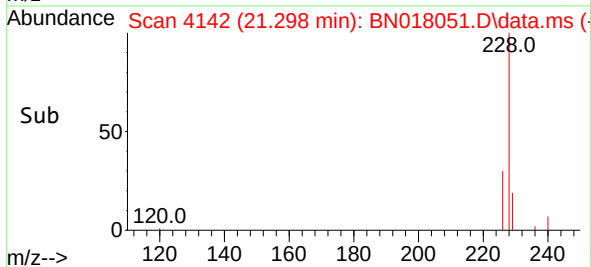
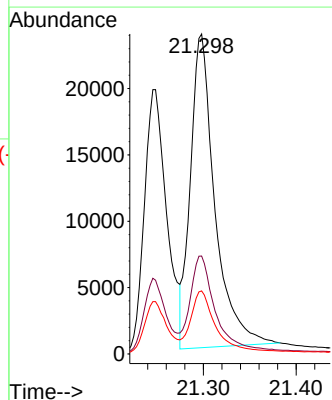
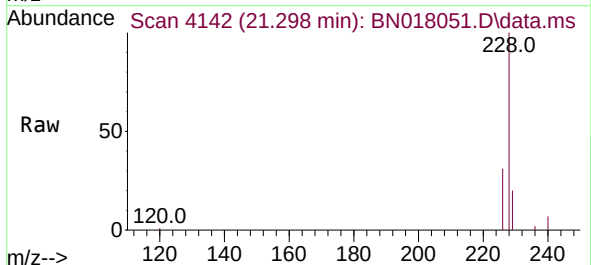
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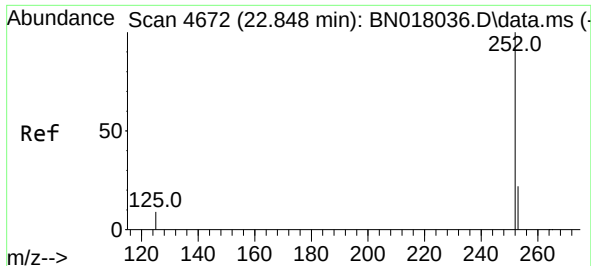
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Ion Ratio Lower Upper
228 100
229 19.8 15.8 23.6
226 28.6 21.8 32.8



#22
Chrysene
Concen: 0.381 ng/ul
RT: 21.298 min Scan# 4142
Delta R.T. -0.002 min
Lab File: BN018051.D
Acq: 16 Dec 2021 07:46

Tgt Ion:228 Resp: 43240
Ion Ratio Lower Upper
228 100
226 30.6 23.9 35.9
229 19.7 15.7 23.5

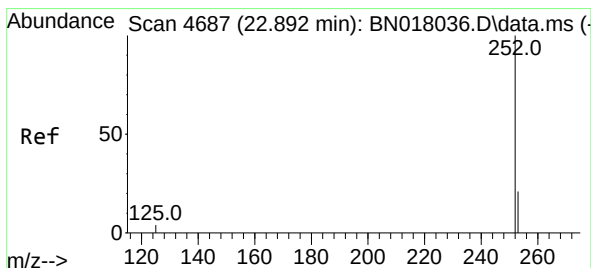
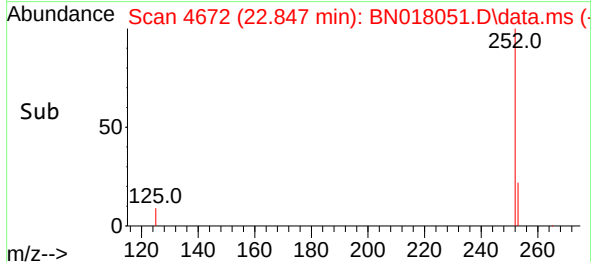
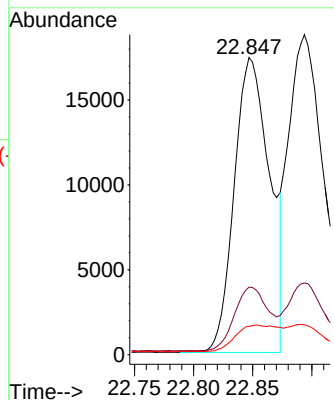
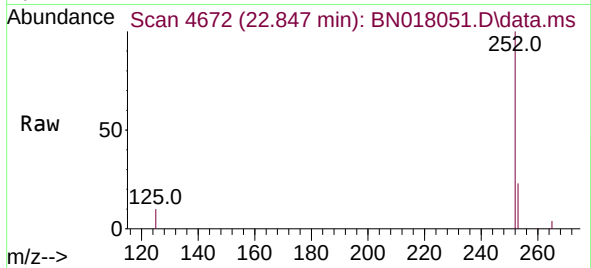




#24
Benzo(b)fluoranthene
Concen: 0.411 ng/ul
RT: 22.847 min Scan# 4672
Delta R.T. -0.004 min
Lab File: BN018051.D
Acq: 16 Dec 2021 07:46

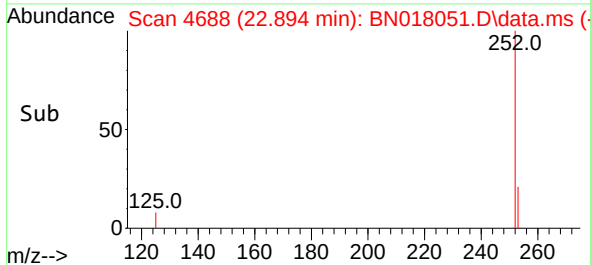
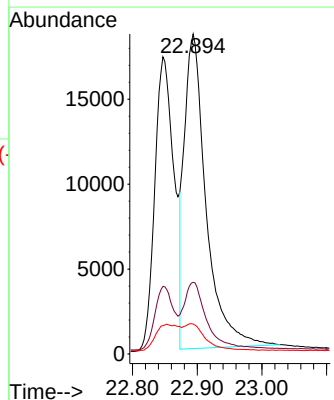
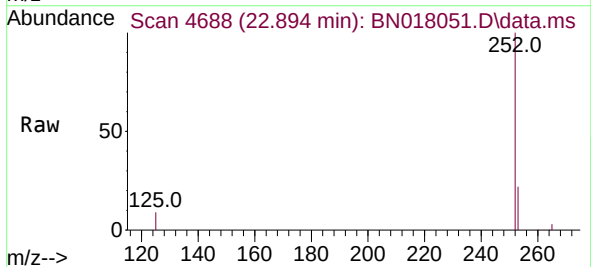
Instrument :
BNA_N
ClientSampleId :
SLCS294

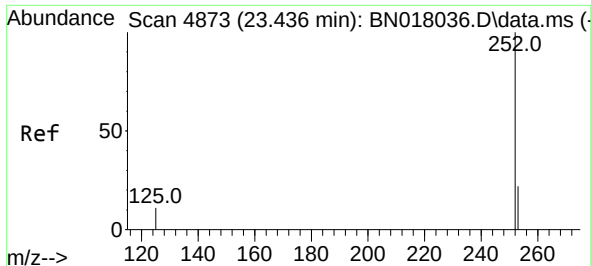
Tgt Ion:252 Resp: 36191
Ion Ratio Lower Upper
252 100
253 22.7 0.0 57.6
125 9.5 0.0 39.0



#25
Benzo(k)fluoranthene
Concen: 0.368 ng/ul
RT: 22.894 min Scan# 4688
Delta R.T. 0.001 min
Lab File: BN018051.D
Acq: 16 Dec 2021 07:46

Tgt Ion:252 Resp: 43282
Ion Ratio Lower Upper
252 100
253 22.4 23.1 34.7#
125 9.4 17.1 25.7#

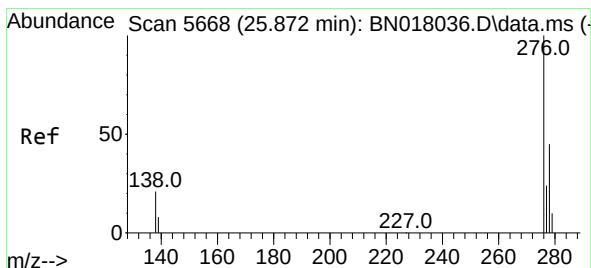
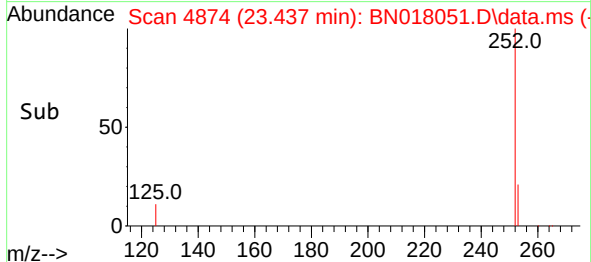
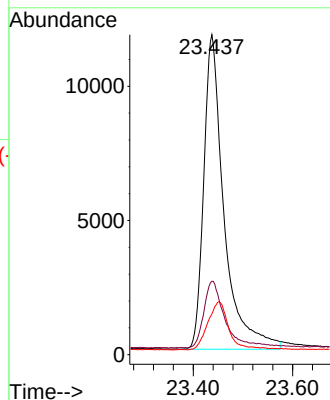
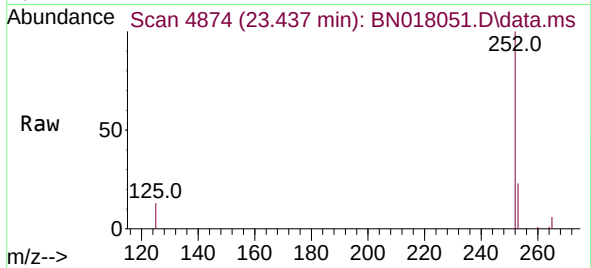




#26
Benzo(a)pyrene
Concen: 0.390 ng/ul
RT: 23.437 min Scan# 4873
Delta R.T. -0.002 min
Lab File: BN018051.D
Acq: 16 Dec 2021 07:46

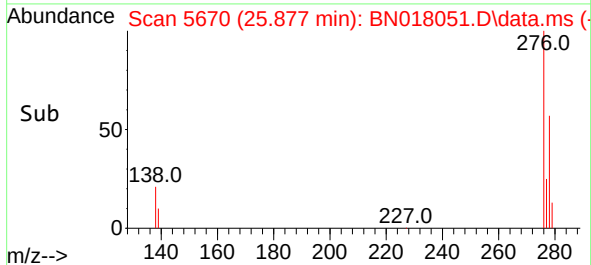
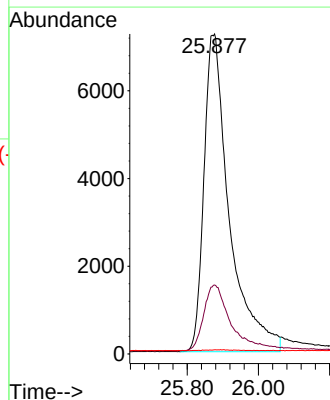
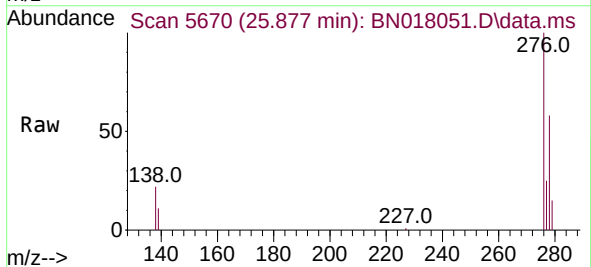
Instrument :
BNA_N
ClientSampleId :
SLCS294

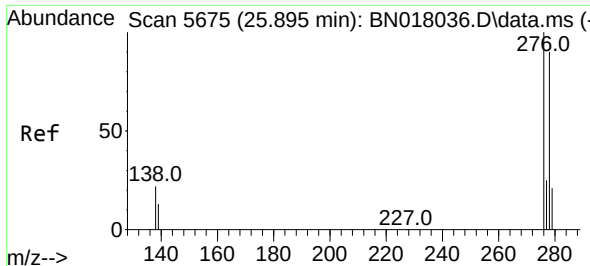
Tgt Ion:252 Resp: 33181
Ion Ratio Lower Upper
252 100
253 23.0 25.0 37.4#
125 12.7 19.3 28.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.374 ng/ul
RT: 25.877 min Scan# 5670
Delta R.T. 0.002 min
Lab File: BN018051.D
Acq: 16 Dec 2021 07:46

Tgt Ion:276 Resp: 35835
Ion Ratio Lower Upper
276 100
138 22.3 0.1 0.1#
227 0.1 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.379 ng/ul

RT: 25.893 min Scan# 5675

Delta R.T. -0.005 min

Lab File: BN018051.D

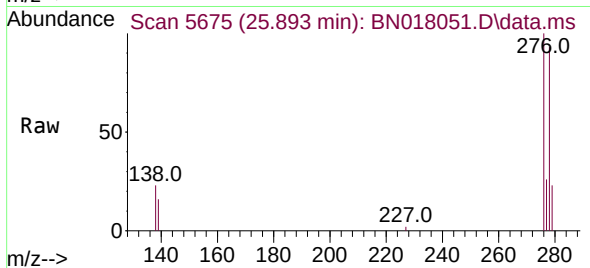
Acq: 16 Dec 2021 07:46

Instrument :

BNA_N

ClientSampleId :

SLCS294



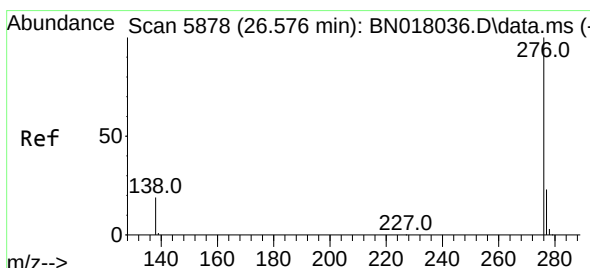
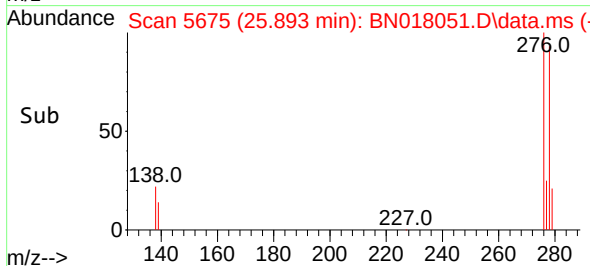
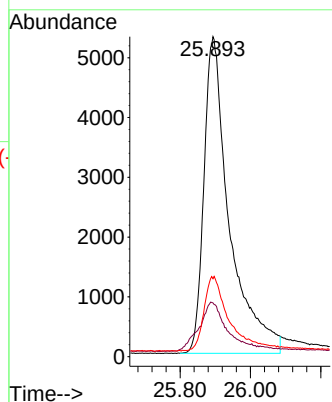
Tgt Ion:278 Resp: 26582

Ion Ratio Lower Upper

278 100

139 16.8 21.8 32.8#

279 24.3 26.3 39.5#



#29

Benzo(g,h,i)perylene

Concen: 0.361 ng/ul

RT: 26.578 min Scan# 5879

Delta R.T. 0.002 min

Lab File: BN018051.D

Acq: 16 Dec 2021 07:46

Tgt Ion:276 Resp: 29636

Ion Ratio Lower Upper

276 100

138 19.7 24.5 36.7#

277 23.5 21.2 31.8

