

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121621\
 Data File : BN018024.D
 Acq On : 15 Dec 2021 14:39
 Operator : CG/JU
 Sample : SSTD0.244
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.2244

Quant Time: Dec 15 17:19:59 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)

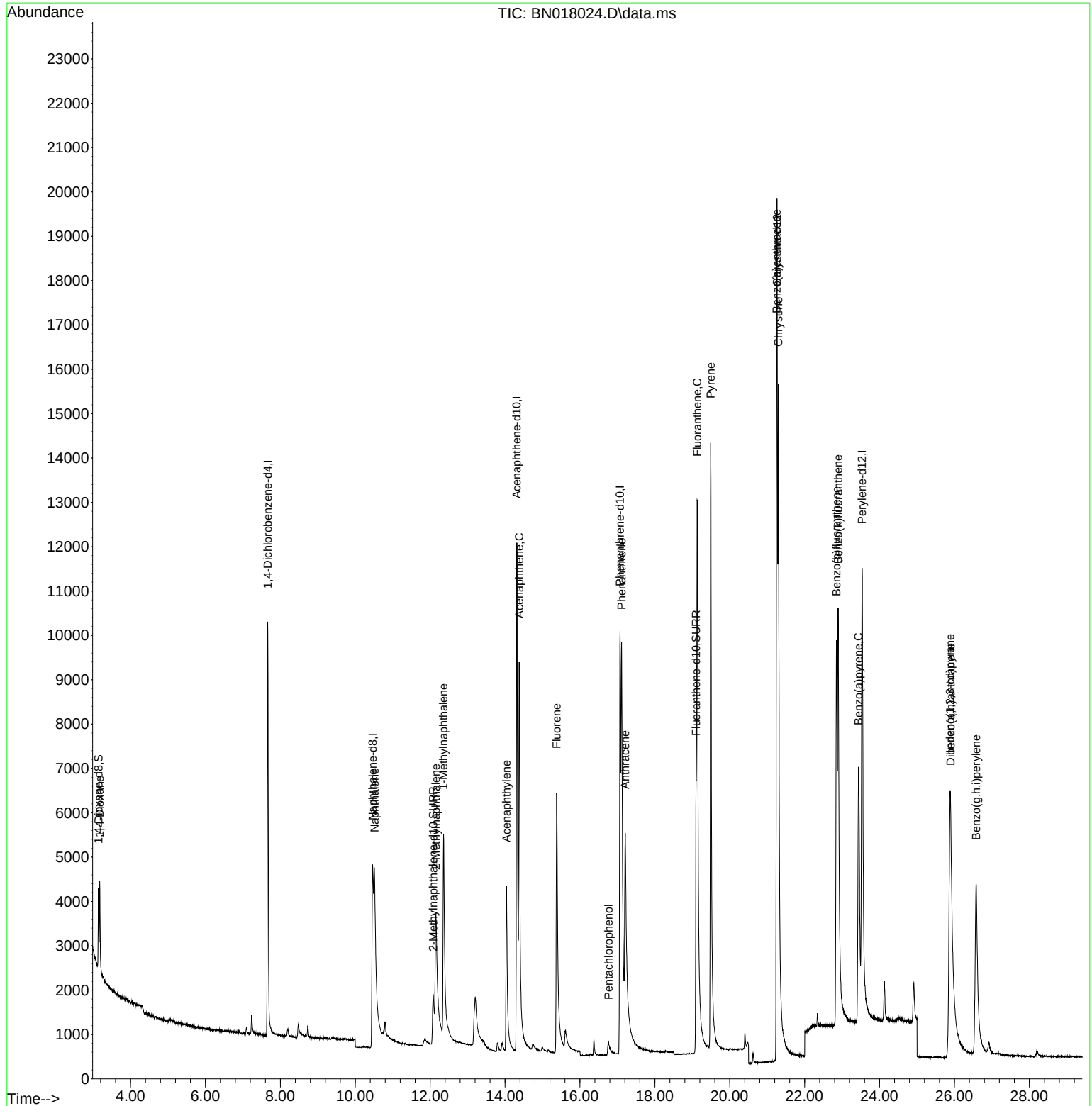
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.666	152	5505	0.400	ng/ul	0.00
4) Naphthalene-d8	10.465	136	15168	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.314	164	9664	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.071	188	17917	0.400	ng/ul	0.00
17) Chrysene-d12	21.265	240	20395	0.400	ng/ul	# 0.00
23) Perylene-d12	23.533	264	18097	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	1252	0.207	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.082	152	3172	0.135	ng/ul	0.02
18) Fluoranthene-d10	19.102	212	11927	0.163	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.177	88	1594	0.205	ng/ul#	34
5) Naphthalene	10.515	128	8395	0.200	ng/ul	98
7) 2-Methylnaphthalene	12.154	142	4211	0.140	ng/ul	100
8) 1-Methylnaphthalene	12.357	142	5225	0.176	ng/ul	99
10) Acenaphthylene	14.037	152	7909	0.170	ng/ul	98
11) Acenaphthene	14.379	153	7206	0.217	ng/ul	97
12) Fluorene	15.378	166	7600	0.193	ng/ul	99
14) Pentachlorophenol	16.763	266	542	0.138	ng/ul	97
15) Phenanthrene	17.114	178	13056	0.242	ng/ul	99
16) Anthracene	17.206	178	10072	0.186	ng/ul	97
19) Fluoranthene	19.134	202	16843	0.178	ng/ul	98
20) Pyrene	19.492	202	19400	0.201	ng/ul	95
21) Benzo(a)anthracene	21.253	228	11738	0.155	ng/ul	98
22) Chrysene	21.300	228	18124	0.239	ng/ul	98
24) Benzo(b)fluoranthene	22.851	252	14704	0.199	ng/ul	90
25) Benzo(k)fluoranthene	22.895	252	18899	0.248	ng/ul#	86
26) Benzo(a)pyrene	23.439	252	14125	0.229	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	25.882	276	15236	0.292	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.899	278	11017	0.284	ng/ul#	88
29) Benzo(g,h,i)perylene	26.579	276	13080	0.274	ng/ul#	90

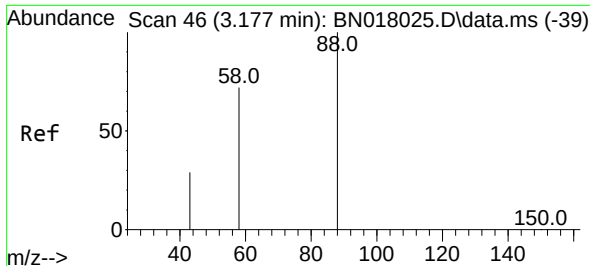
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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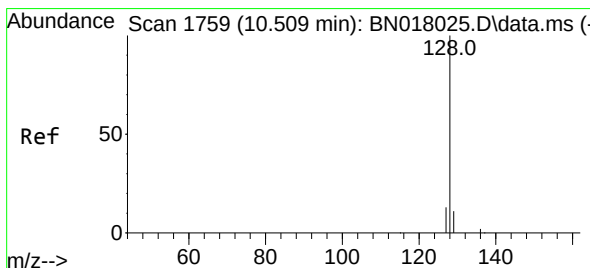
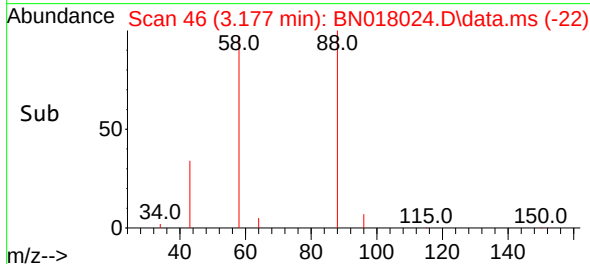
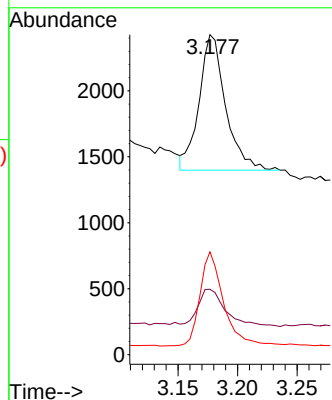
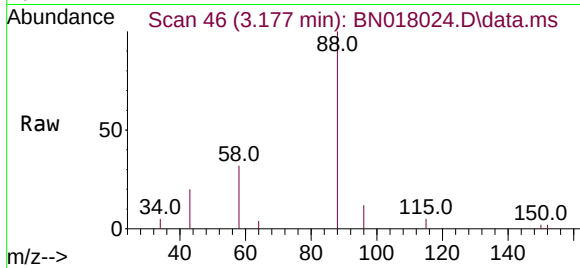




#2
1,4-Dioxane
Concen: 0.205 ng/ul
RT: 3.177 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN018024.D
Acq: 15 Dec 2021 14:39

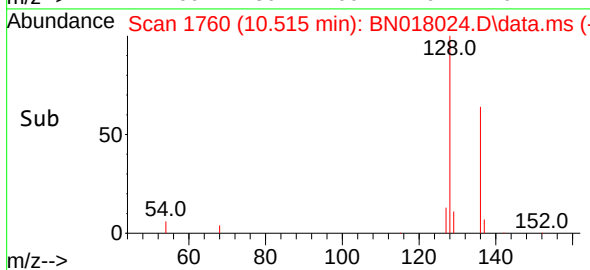
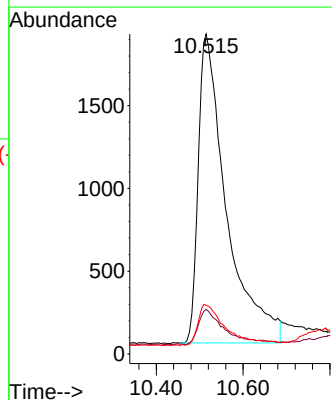
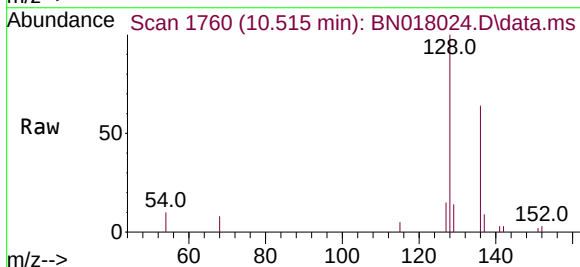
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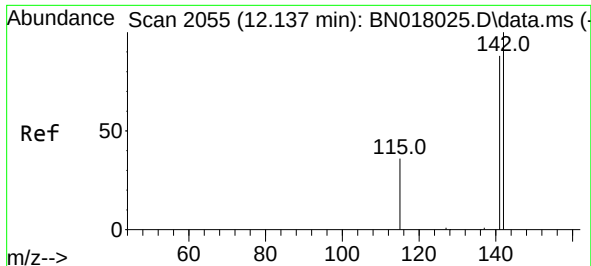
Tgt Ion: 88 Resp: 1594
Ion Ratio Lower Upper
88 100
43 20.4 85.8 128.6#
58 32.2 43.4 65.0#



#5
Naphthalene
Concen: 0.200 ng/ul
RT: 10.515 min Scan# 1760
Delta R.T. 0.005 min
Lab File: BN018024.D
Acq: 15 Dec 2021 14:39

Tgt Ion: 128 Resp: 8395
Ion Ratio Lower Upper
128 100
129 14.0 10.4 15.6
127 15.3 11.8 17.6

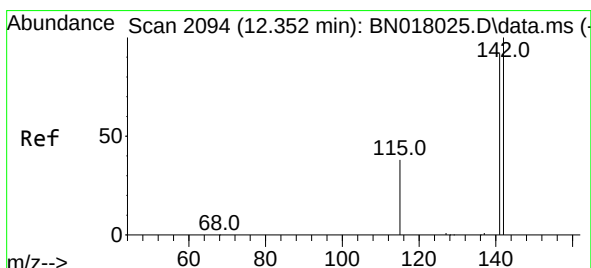
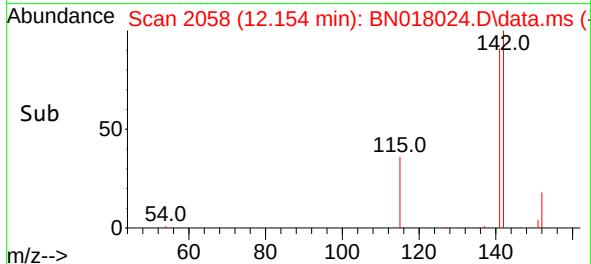
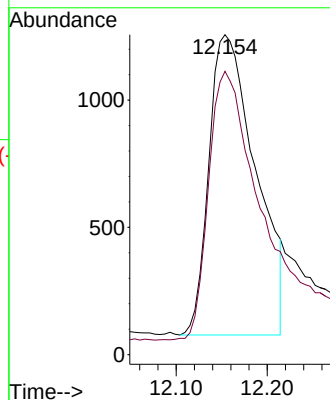
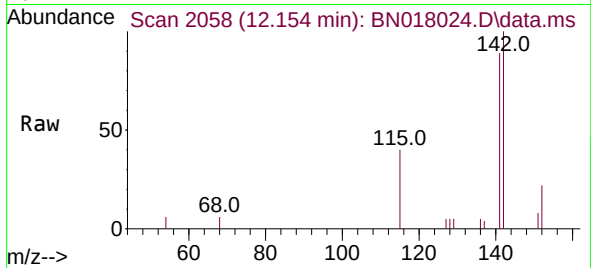




#7
2-Methylnaphthalene
Concen: 0.140 ng/ul
RT: 12.154 min Scan# 2058
Delta R.T. 0.016 min
Lab File: BN018024.D
Acq: 15 Dec 2021 14:39

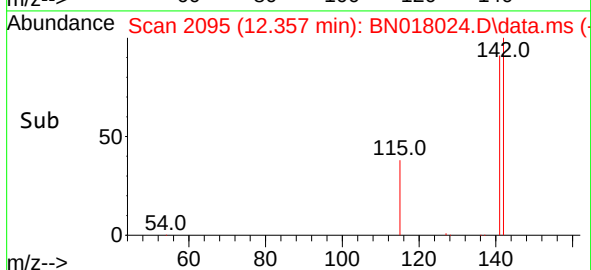
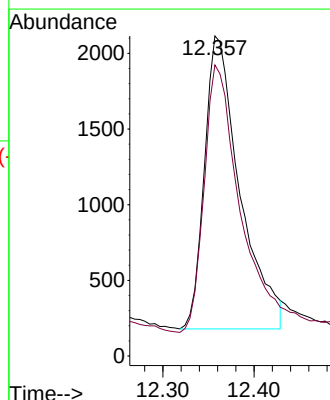
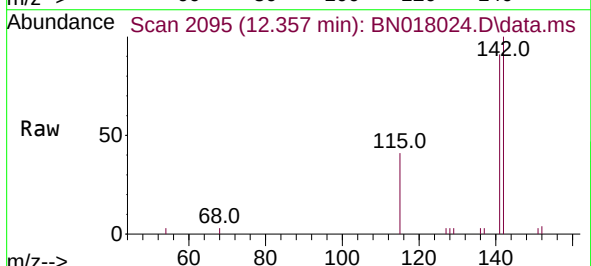
Instrument :
BNA_N
ClientSampleId :
SSTD0.2244

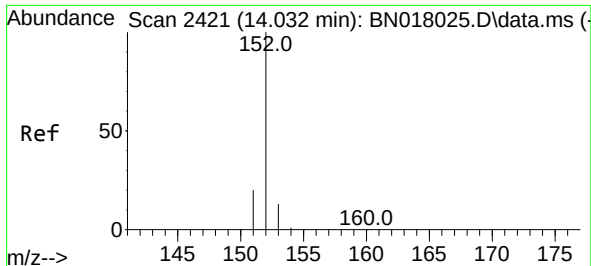
Tgt Ion:142 Resp: 4211
Ion Ratio Lower Upper
142 100
141 89.6 71.5 107.3



#8
1-Methylnaphthalene
Concen: 0.176 ng/ul
RT: 12.357 min Scan# 2095
Delta R.T. 0.005 min
Lab File: BN018024.D
Acq: 15 Dec 2021 14:39

Tgt Ion:142 Resp: 5225
Ion Ratio Lower Upper
142 100
141 92.1 73.3 109.9

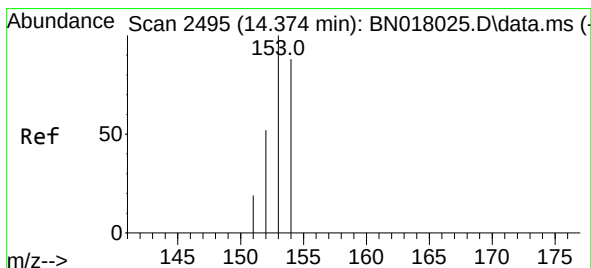
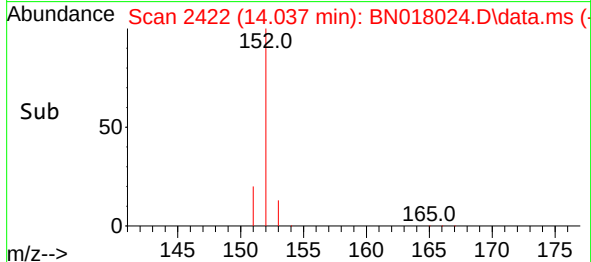
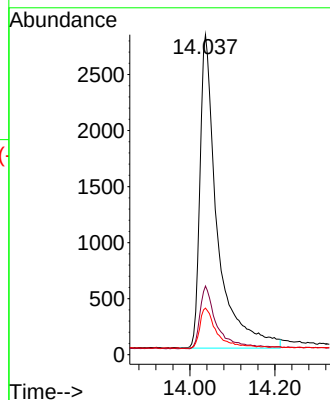
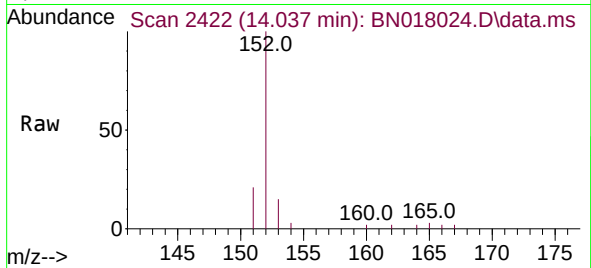




#10
Acenaphthylene
Concen: 0.170 ng/ul
RT: 14.037 min Scan# 2421
Delta R.T. 0.005 min
Lab File: BN018024.D
Acq: 15 Dec 2021 14:39

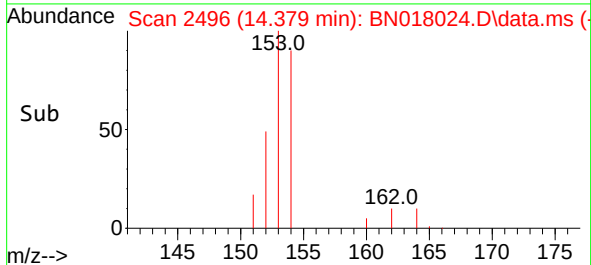
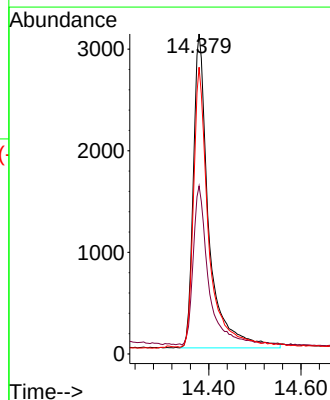
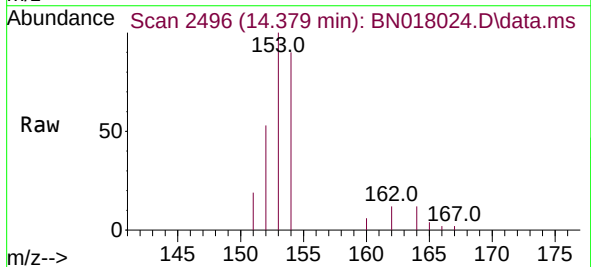
Instrument :
BNA_N
ClientSampleId :
SSTD0.2244

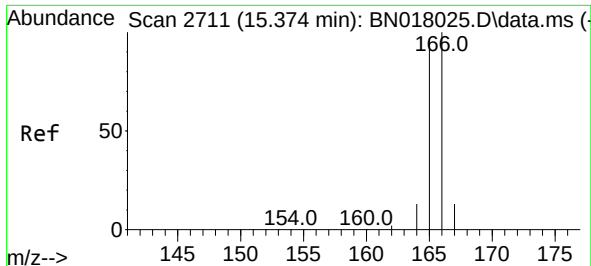
Tgt Ion:152 Resp: 7909
Ion Ratio Lower Upper
152 100
151 21.5 16.4 24.6
153 14.5 11.1 16.7



#11
Acenaphthene
Concen: 0.217 ng/ul
RT: 14.379 min Scan# 2496
Delta R.T. 0.005 min
Lab File: BN018024.D
Acq: 15 Dec 2021 14:39

Tgt Ion:153 Resp: 7206
Ion Ratio Lower Upper
153 100
152 52.5 38.3 57.5
154 89.6 71.1 106.7

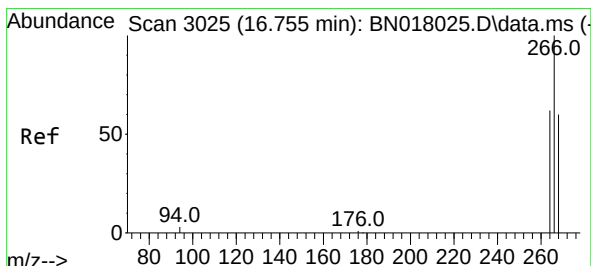
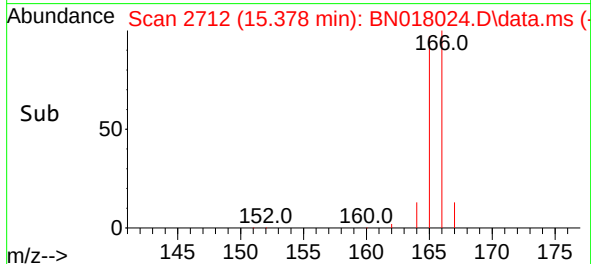
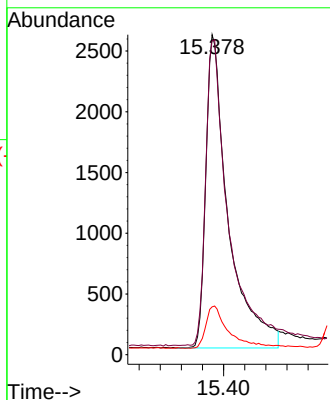
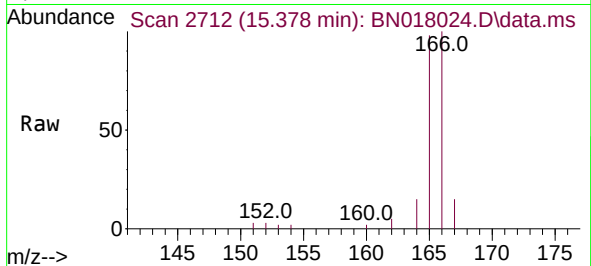




#12
Fluorene
Concen: 0.193 ng/ul
RT: 15.378 min Scan# 21
Delta R.T. 0.005 min
Lab File: BN018024.D
Acq: 15 Dec 2021 14:39

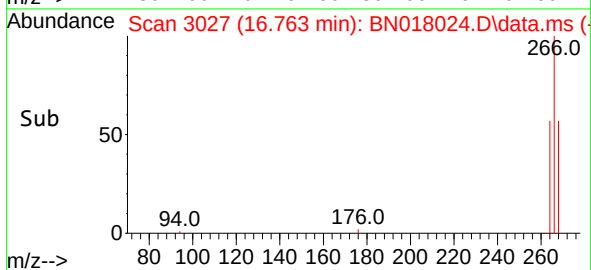
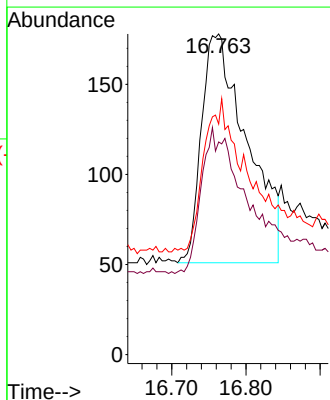
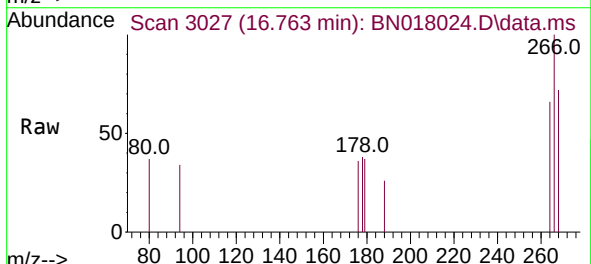
Instrument :
BNA_N
ClientSampleId :
SSTD0.2244

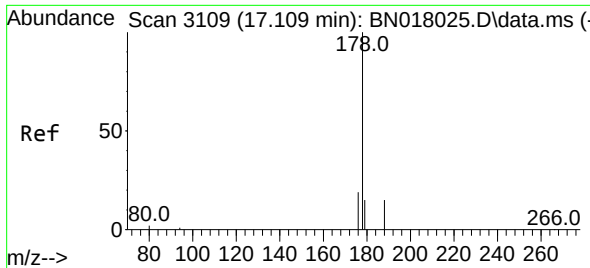
Tgt Ion:166 Resp: 7600
Ion Ratio Lower Upper
166 100
165 98.1 79.2 118.8
167 15.0 11.2 16.8



#14
Pentachlorophenol
Concen: 0.138 ng/ul
RT: 16.763 min Scan# 3027
Delta R.T. 0.008 min
Lab File: BN018024.D
Acq: 15 Dec 2021 14:39

Tgt Ion:266 Resp: 542
Ion Ratio Lower Upper
266 100
264 62.4 50.3 75.5
268 61.6 52.2 78.4

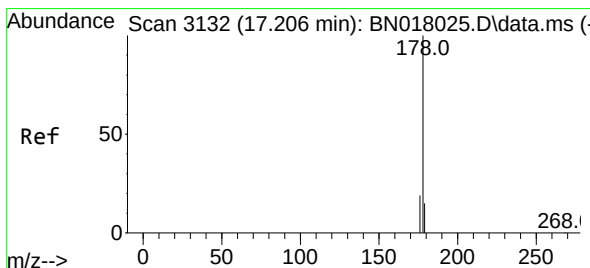
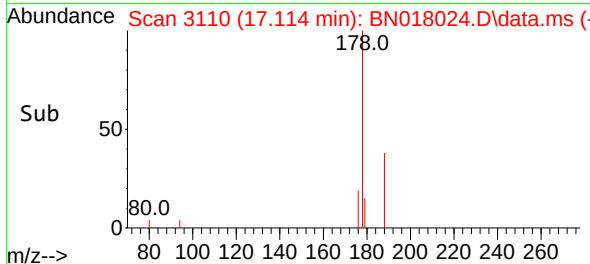
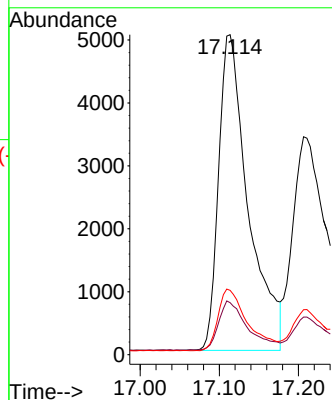
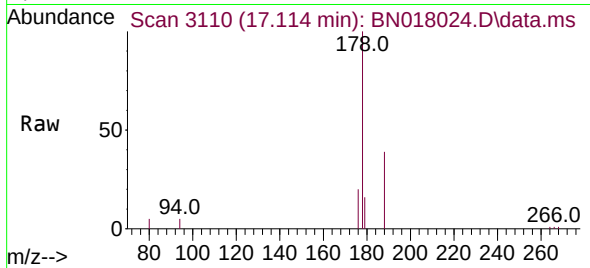




#15
Phenanthrene
Concen: 0.242 ng/ul
RT: 17.114 min Scan# 3110
Delta R.T. 0.004 min
Lab File: BN018024.D
Acq: 15 Dec 2021 14:39

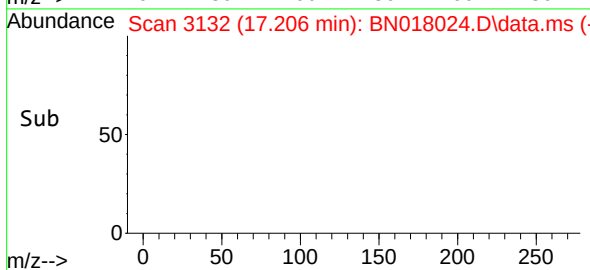
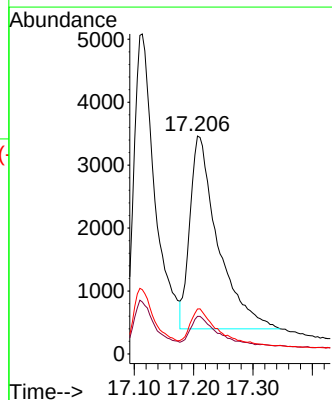
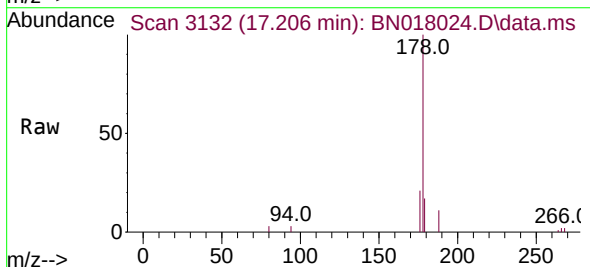
Instrument :
BNA_N
ClientSampleId :
SSTD0.2244

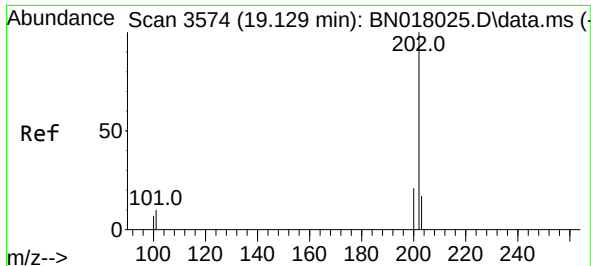
Tgt Ion:178 Resp: 13056
Ion Ratio Lower Upper
178 100
179 16.3 13.0 19.4
176 20.1 15.6 23.4



#16
Anthracene
Concen: 0.186 ng/ul
RT: 17.206 min Scan# 3132
Delta R.T. 0.000 min
Lab File: BN018024.D
Acq: 15 Dec 2021 14:39

Tgt Ion:178 Resp: 10072
Ion Ratio Lower Upper
178 100
179 17.3 13.3 19.9
176 20.6 15.1 22.7





#19

Fluoranthene

Concen: 0.178 ng/u1

RT: 19.134 min Scan# 3574

Delta R.T. 0.005 min

Lab File: BN018024.D

Acq: 15 Dec 2021 14:39

Instrument :

BNA_N

ClientSampleId :

SSTD0.2244

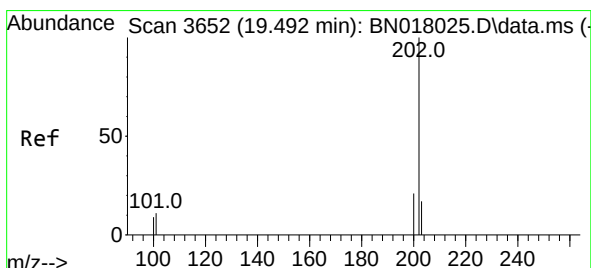
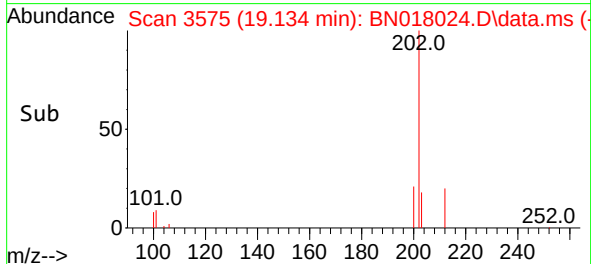
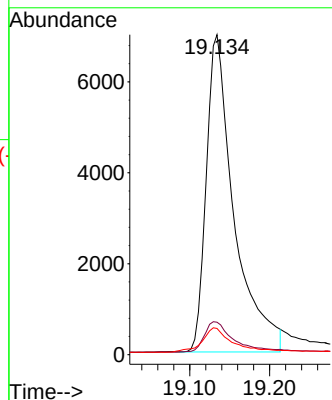
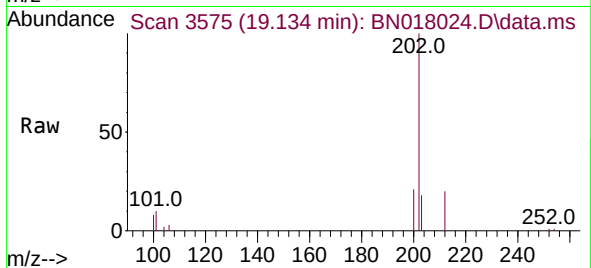
Tgt Ion:202 Resp: 16843

Ion Ratio Lower Upper

202 100

101 10.1 9.0 13.4

100 8.2 6.8 10.2



#20

Pyrene

Concen: 0.201 ng/u1

RT: 19.492 min Scan# 3652

Delta R.T. 0.000 min

Lab File: BN018024.D

Acq: 15 Dec 2021 14:39

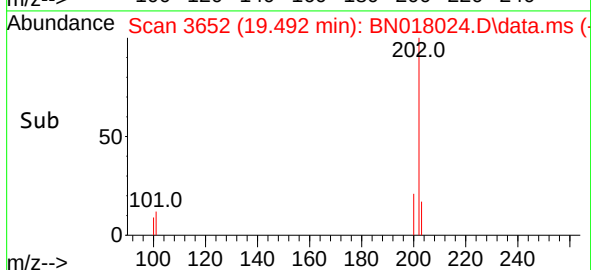
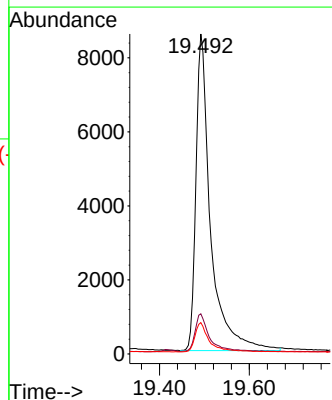
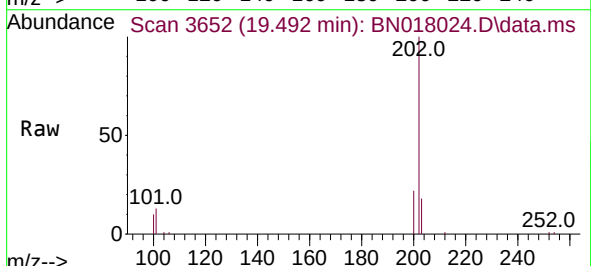
Tgt Ion:202 Resp: 19400

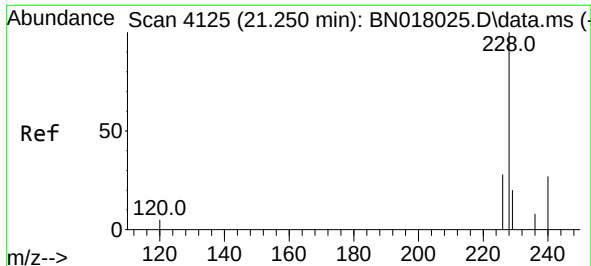
Ion Ratio Lower Upper

202 100

101 12.6 11.4 17.2

100 9.8 9.4 14.0

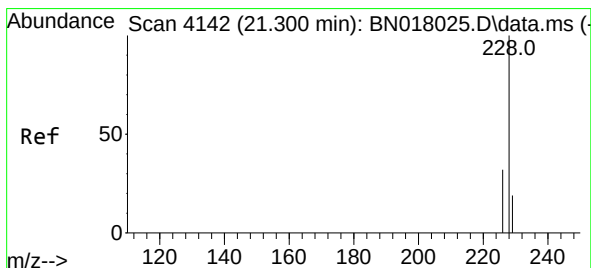
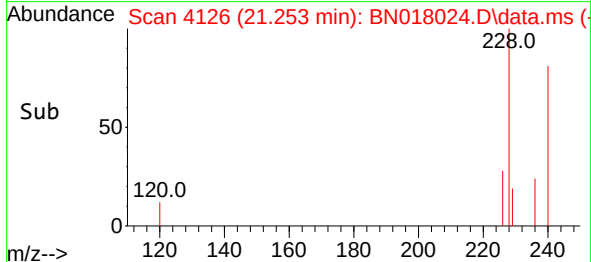
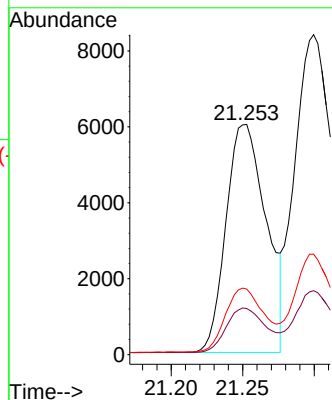
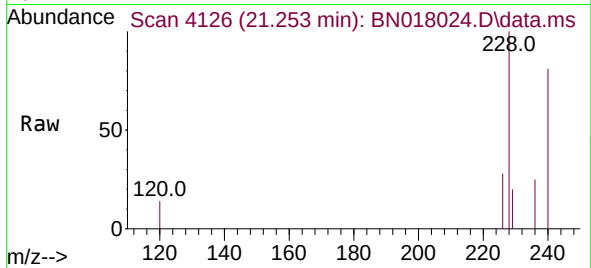




#21
Benzo(a)anthracene
Concen: 0.155 ng/ul
RT: 21.253 min Scan# 4125
Delta R.T. 0.003 min
Lab File: BN018024.D
Acq: 15 Dec 2021 14:39

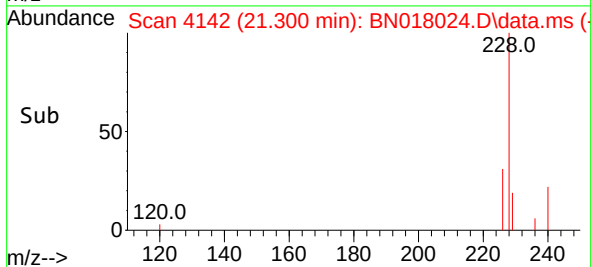
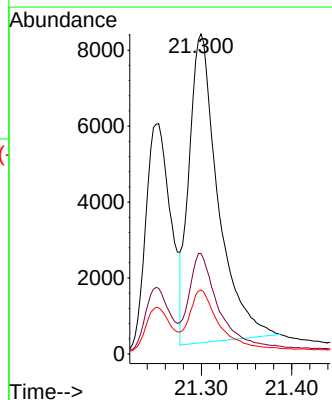
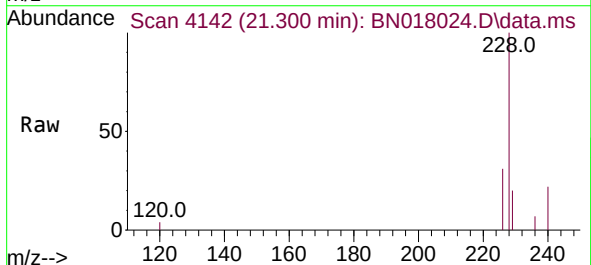
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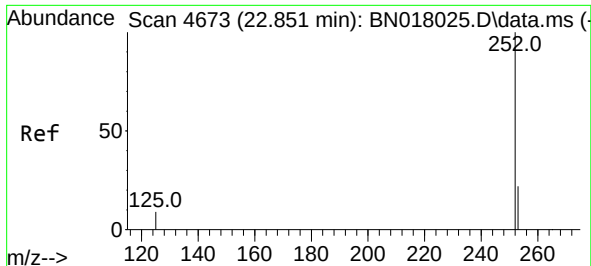
Tgt Ion:228 Resp: 11738
Ion Ratio Lower Upper
228 100
229 20.0 15.8 23.6
226 28.5 21.8 32.8



#22
Chrysene
Concen: 0.239 ng/ul
RT: 21.300 min Scan# 4142
Delta R.T. 0.000 min
Lab File: BN018024.D
Acq: 15 Dec 2021 14:39

Tgt Ion:228 Resp: 18124
Ion Ratio Lower Upper
228 100
226 31.4 23.9 35.9
229 20.0 15.7 23.5

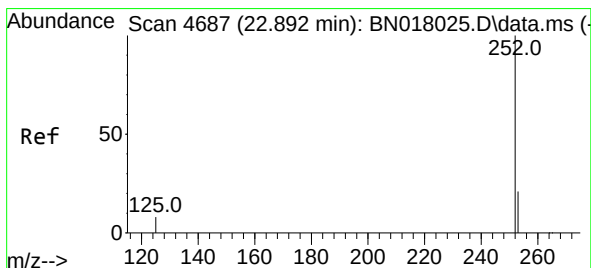
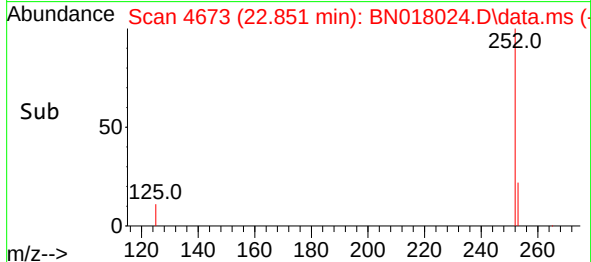
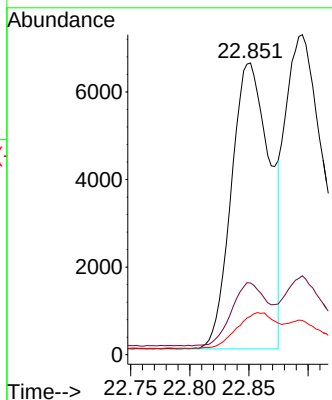
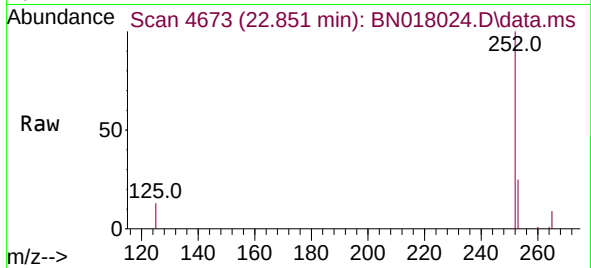




#24
Benzo(b)fluoranthene
Concen: 0.199 ng/ul
RT: 22.851 min Scan# 4673
Delta R.T. 0.000 min
Lab File: BN018024.D
Acq: 15 Dec 2021 14:39

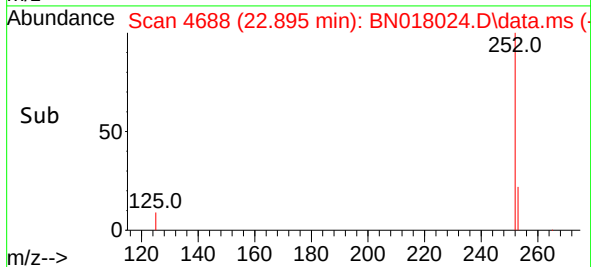
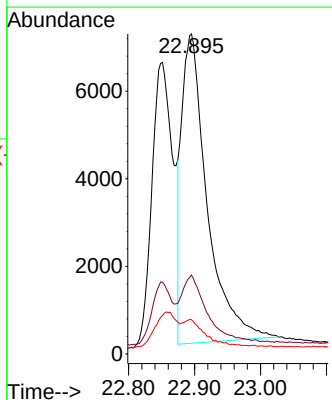
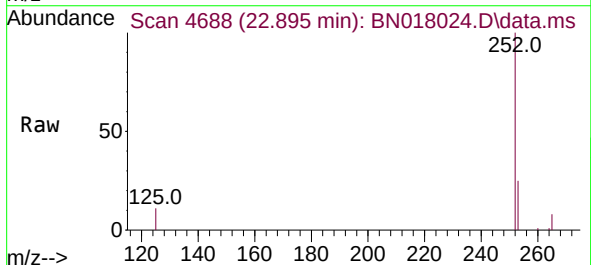
Instrument :
BNA_N
ClientSampleId :
SSTD0.2244

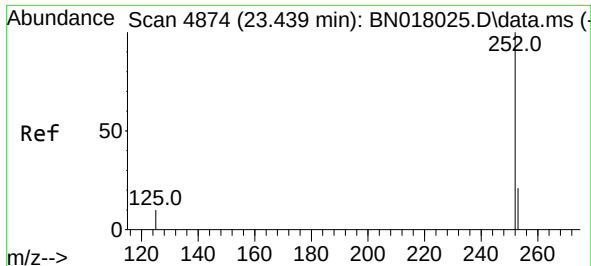
Tgt Ion:252 Resp: 14704
Ion Ratio Lower Upper
252 100
253 24.6 0.0 57.6
125 13.2 0.0 39.0



#25
Benzo(k)fluoranthene
Concen: 0.248 ng/ul
RT: 22.895 min Scan# 4688
Delta R.T. 0.003 min
Lab File: BN018024.D
Acq: 15 Dec 2021 14:39

Tgt Ion:252 Resp: 18899
Ion Ratio Lower Upper
252 100
253 24.7 23.1 34.7
125 10.7 17.1 25.7#

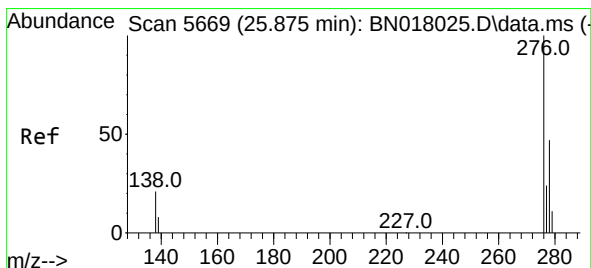
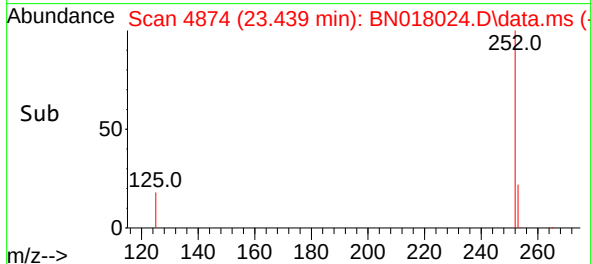
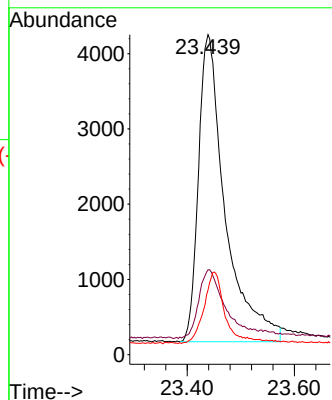
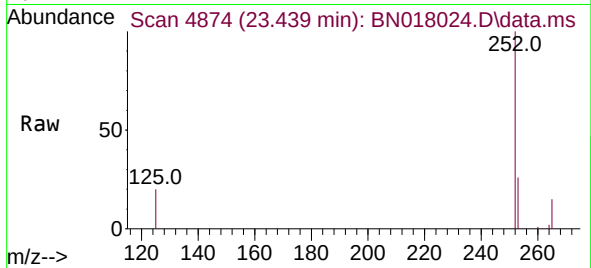




#26
Benzo(a)pyrene
Concen: 0.229 ng/ul
RT: 23.439 min Scan# 4874
Delta R.T. 0.000 min
Lab File: BN018024.D
Acq: 15 Dec 2021 14:39

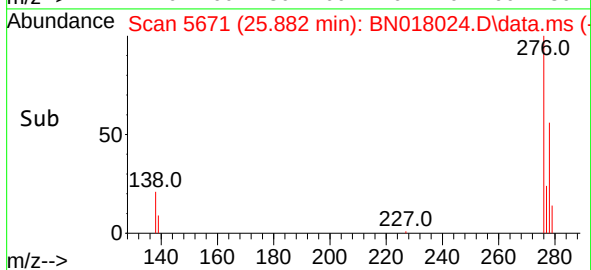
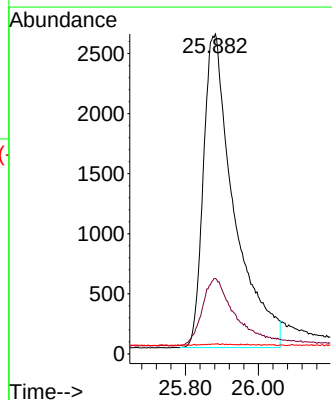
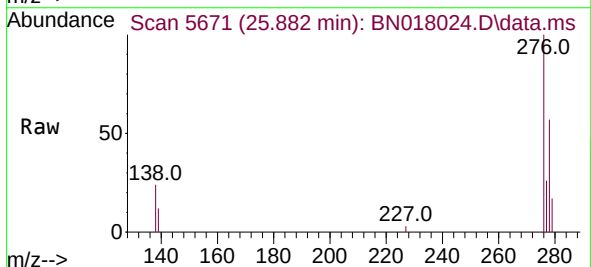
Instrument :
BNA_N
ClientSampleId :
SSTD0.2244

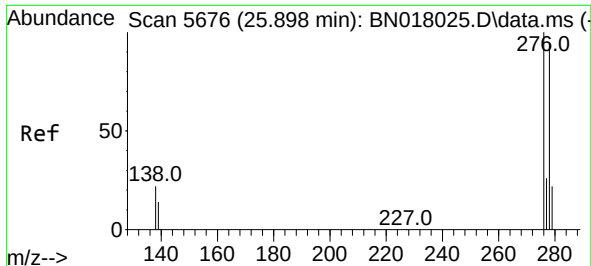
Tgt Ion:	252	Resp:	14125
Ion Ratio	Lower	Upper	
252	100		
253	26.5	25.0	37.4
125	20.2	19.3	28.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.292 ng/ul
RT: 25.882 min Scan# 5671
Delta R.T. 0.007 min
Lab File: BN018024.D
Acq: 15 Dec 2021 14:39

Tgt Ion:	276	Resp:	15236
Ion Ratio	Lower	Upper	
276	100		
138	23.6	0.1	0.1#
227	0.1	0.0	0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.284 ng/ul

RT: 25.899 min Scan# 5676

Delta R.T. 0.000 min

Lab File: BN018024.D

Acq: 15 Dec 2021 14:39

Instrument :

BNA_N

ClientSampleId :

SSTD0.2244

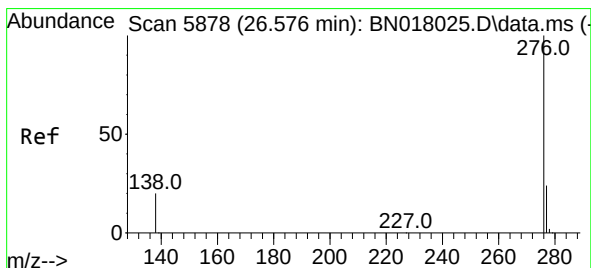
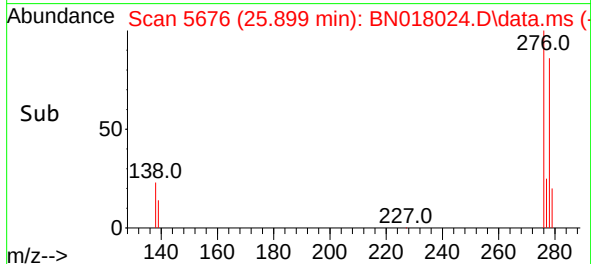
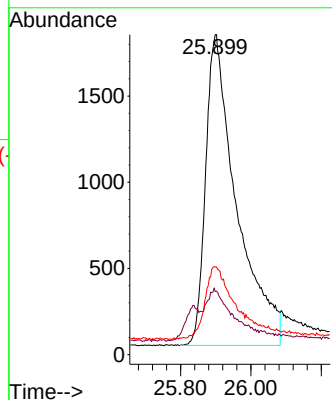
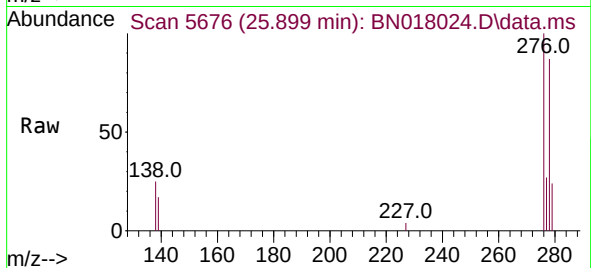
Tgt Ion:278 Resp: 11017

Ion Ratio Lower Upper

278 100

139 19.7 21.8 32.8#

279 27.4 26.3 39.5



#29

Benzo(g,h,i)perylene

Concen: 0.274 ng/ul

RT: 26.579 min Scan# 5879

Delta R.T. 0.004 min

Lab File: BN018024.D

Acq: 15 Dec 2021 14:39

Tgt Ion:276 Resp: 13080

Ion Ratio Lower Upper

276 100

138 21.6 24.5 36.7#

277 24.8 21.2 31.8

