

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021822\
 Data File : BN018649.D
 Acq On : 18 Feb 2022 10:37
 Operator : CG/JU
 Sample : SST0.244
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.2203

Quant Time: Feb 18 13:00:30 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN021822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 18 12:39:26 2022
 Response via : Initial Calibration

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

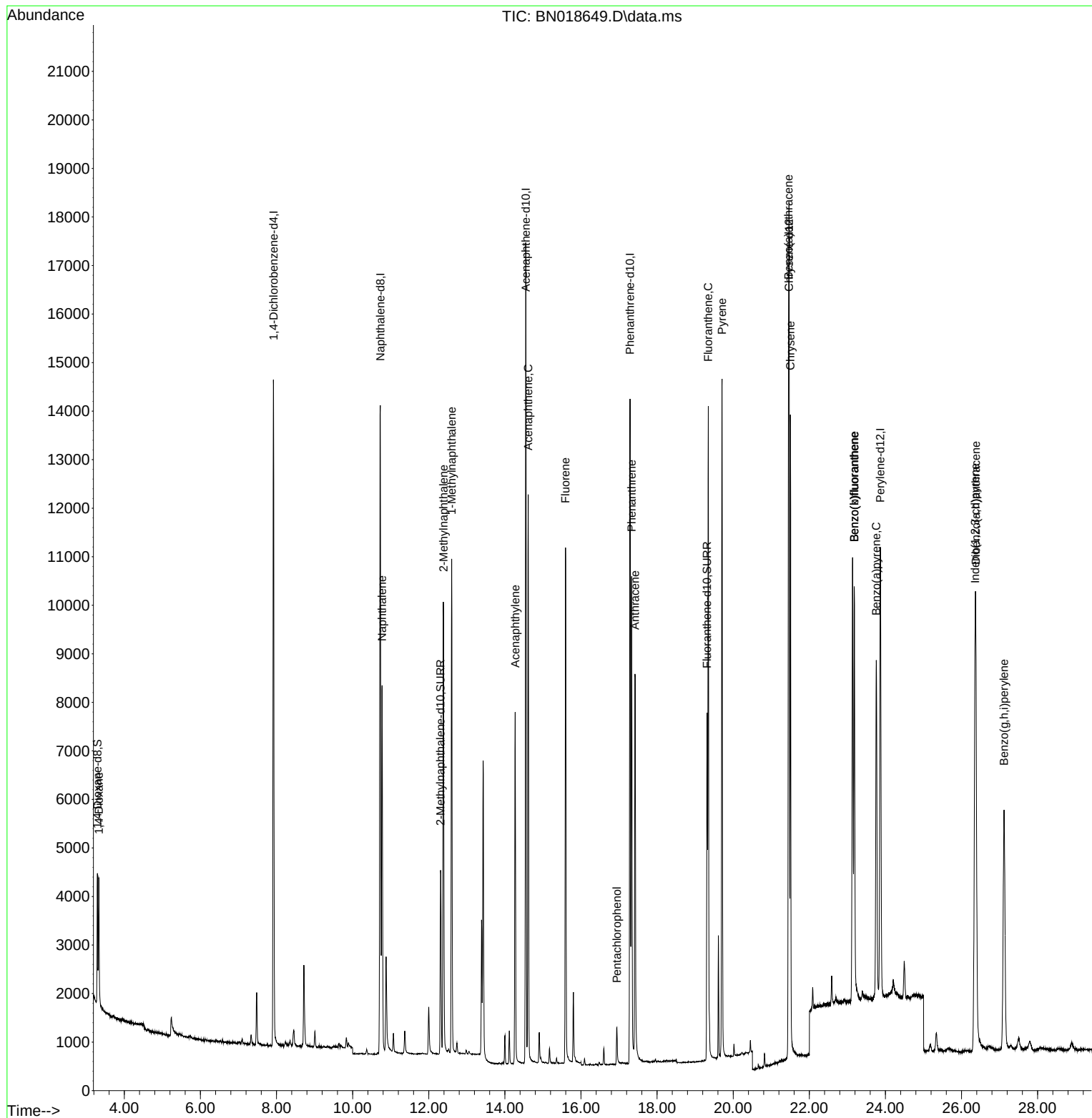
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.921	152	7335	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	18691	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.548	164	9291	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.289	188	16344	0.400	ng/ul	0.00
17) Chrysene-d12	21.468	240	13766	0.400	ng/ul #	0.00
23) Perylene-d12	23.865	264	13395	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	1787	0.212	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.310	152	5149	0.202	ng/ul	0.00
18) Fluoranthene-d10	19.313	212	8177	0.208	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.331	88	1810	0.199	ng/ul#	88
5) Naphthalene	10.776	128	10654	0.205	ng/ul	100
7) 2-Methylnaphthalene	12.387	142	6876	0.207	ng/ul	100
8) 1-Methylnaphthalene	12.601	142	6909	0.203	ng/ul	100
10) Acenaphthylene	14.270	152	8365	0.227	ng/ul	98
11) Acenaphthene	14.613	153	6757	0.208	ng/ul	100
12) Fluorene	15.593	166	7125	0.203	ng/ul	98
14) Pentachlorophenol	16.942	266	599	0.197	ng/ul	97
15) Phenanthrene	17.331	178	10800	0.202	ng/ul	98
16) Anthracene	17.419	178	9495	0.221	ng/ul	99
19) Fluoranthene	19.345	202	11375	0.208	ng/ul#	94
20) Pyrene	19.708	202	12276	0.218	ng/ul	96
21) Benzo(a)anthracene	21.453	228	10791	0.246	ng/ul	98
22) Chrysene	21.503	228	11168	0.208	ng/ul	99
24) Benzo(b)fluoranthene	23.181	252	11867	0.202	ng/ul	89
25) Benzo(k)fluoranthene	23.181	252	11805	0.192	ng/ul#	89
26) Benzo(a)pyrene	23.760	252	10610	0.223	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	26.357	276	13369	0.213	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.373	278	10584	0.216	ng/ul#	84
29) Benzo(g,h,i)perylene	27.118	276	11522	0.206	ng/ul#	90

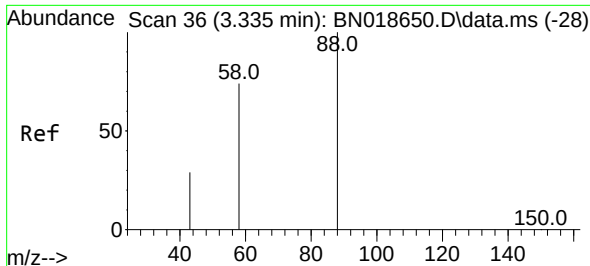
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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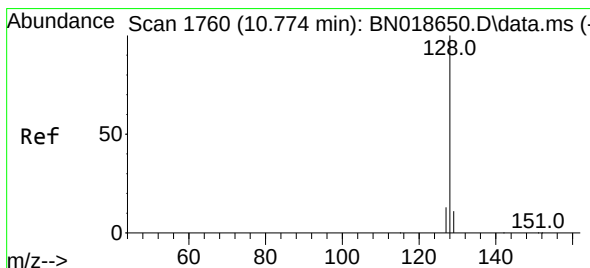
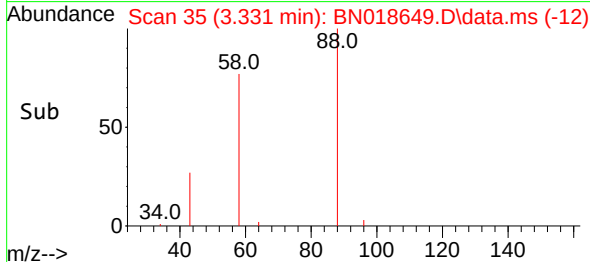
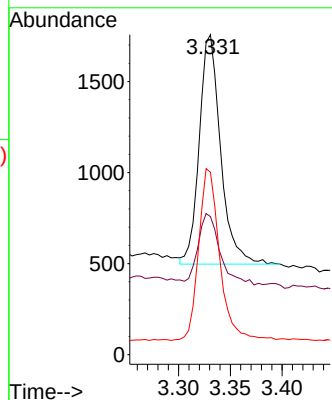
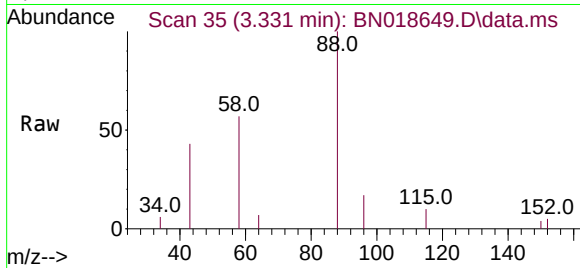




#2
1,4-Dioxane
Concen: 0.199 ng/ul
RT: 3.331 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN018649.D
Acq: 18 Feb 2022 10:37

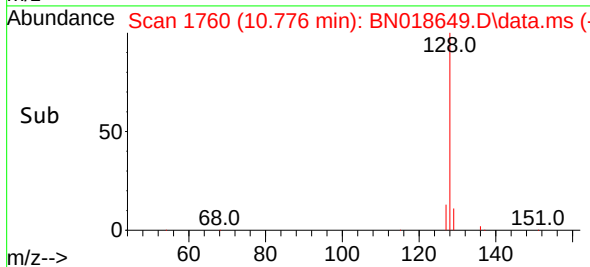
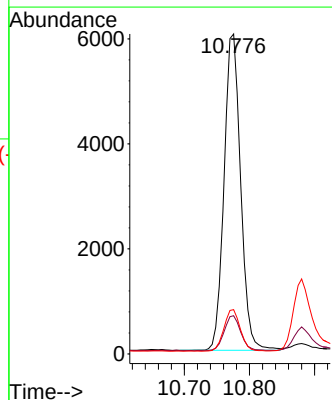
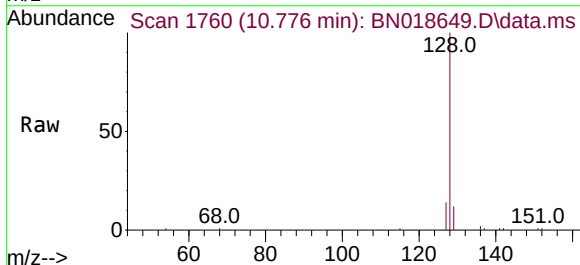
Instrument :
BNA_N
ClientSampleId :
SSTD0.2203

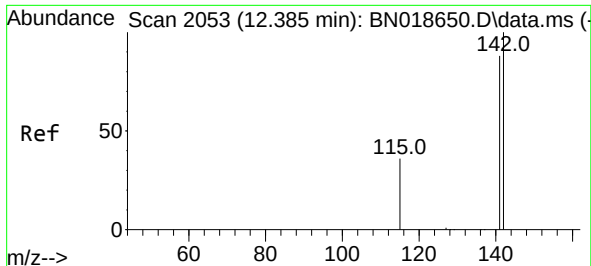
Tgt Ion: 88 Resp: 1810
Ion Ratio Lower Upper
88 100
43 43.1 47.8 71.8#
58 57.0 46.2 69.2



#5
Naphthalene
Concen: 0.205 ng/ul
RT: 10.776 min Scan# 1760
Delta R.T. 0.002 min
Lab File: BN018649.D
Acq: 18 Feb 2022 10:37

Tgt Ion: 128 Resp: 10654
Ion Ratio Lower Upper
128 100
129 11.9 9.4 14.0
127 13.8 11.0 16.6

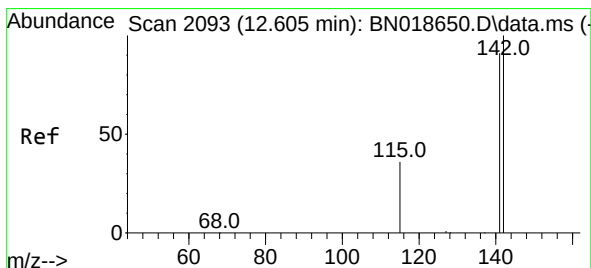
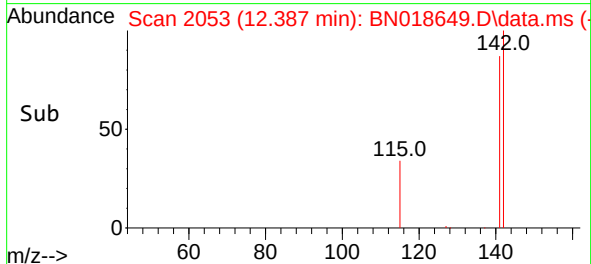
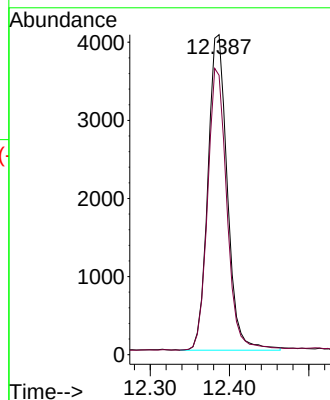
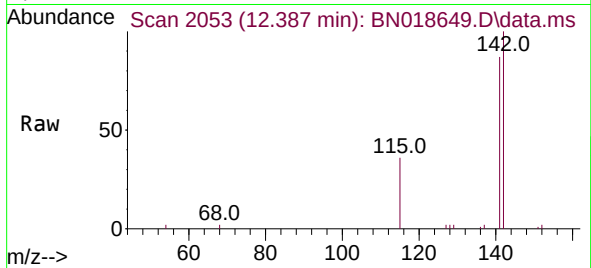




#7
2-Methylnaphthalene
Concen: 0.207 ng/ul
RT: 12.387 min Scan# 2053
Delta R.T. 0.002 min
Lab File: BN018649.D
Acq: 18 Feb 2022 10:37

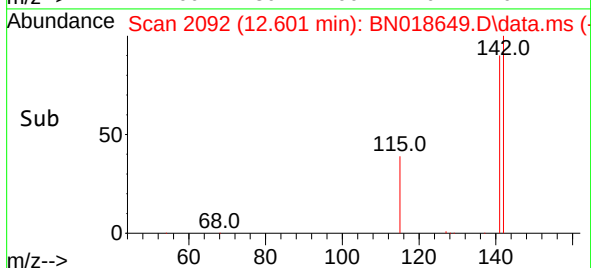
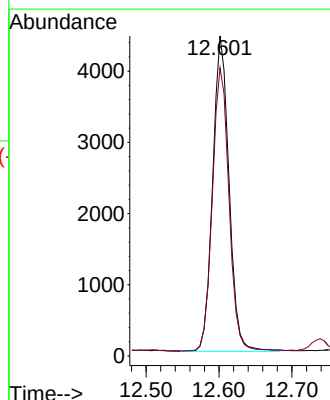
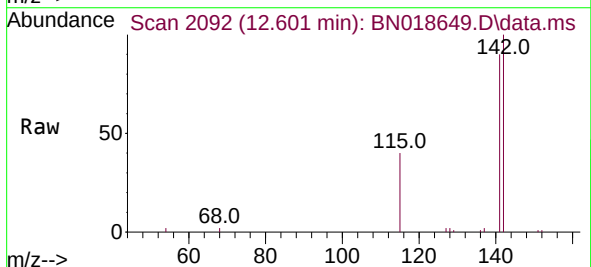
Instrument :
BNA_N
ClientSampleId :
SSTD0.2203

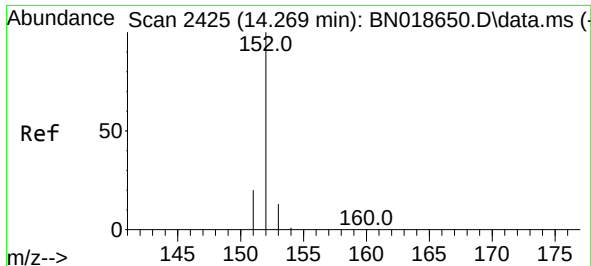
Tgt Ion:142 Resp: 6876
Ion Ratio Lower Upper
142 100
141 88.4 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.203 ng/ul
RT: 12.601 min Scan# 2092
Delta R.T. -0.004 min
Lab File: BN018649.D
Acq: 18 Feb 2022 10:37

Tgt Ion:142 Resp: 6909
Ion Ratio Lower Upper
142 100
141 91.1 73.2 109.8

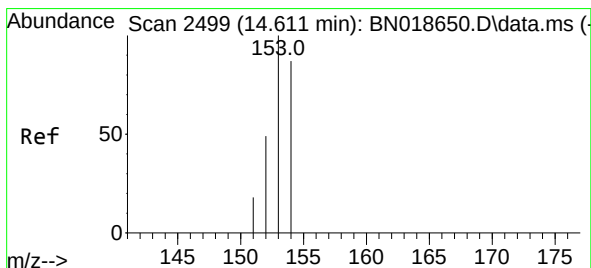
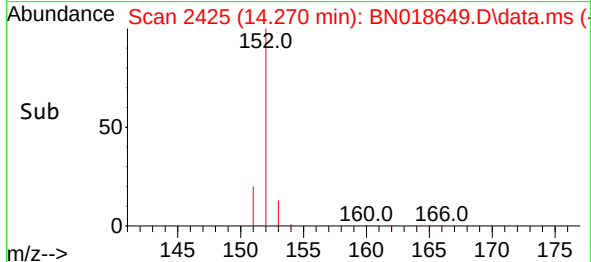
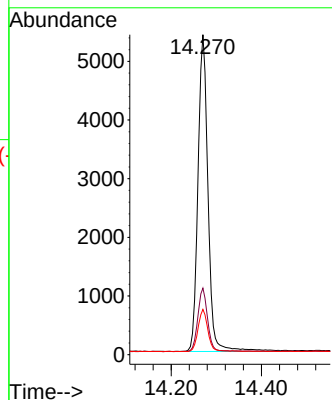
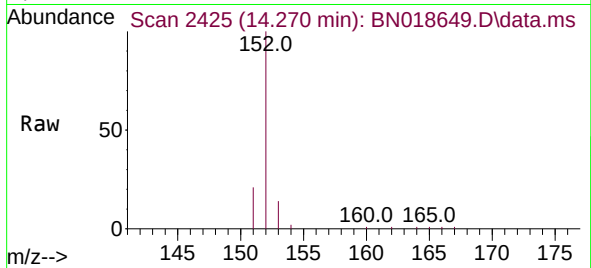




#10
Acenaphthylene
Concen: 0.227 ng/ul
RT: 14.270 min Scan# 2425
Delta R.T. 0.002 min
Lab File: BN018649.D
Acq: 18 Feb 2022 10:37

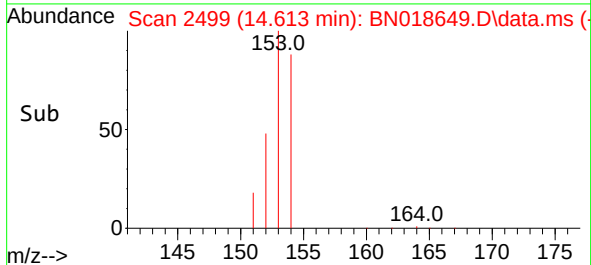
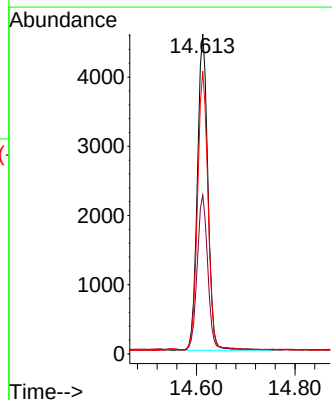
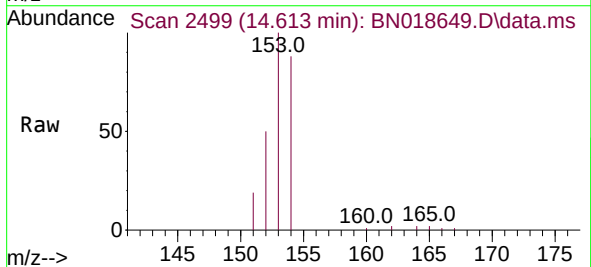
Instrument :
BNA_N
ClientSampleId :
SSTD0.2203

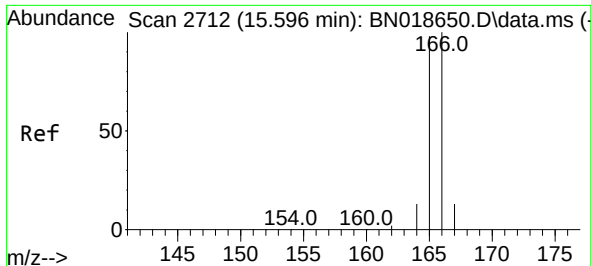
Tgt Ion:152 Resp: 8365
Ion Ratio Lower Upper
152 100
151 20.8 15.8 23.8
153 14.1 10.7 16.1



#11
Acenaphthene
Concen: 0.208 ng/ul
RT: 14.613 min Scan# 2499
Delta R.T. 0.002 min
Lab File: BN018649.D
Acq: 18 Feb 2022 10:37

Tgt Ion:153 Resp: 6757
Ion Ratio Lower Upper
153 100
152 49.6 39.7 59.5
154 88.4 70.9 106.3

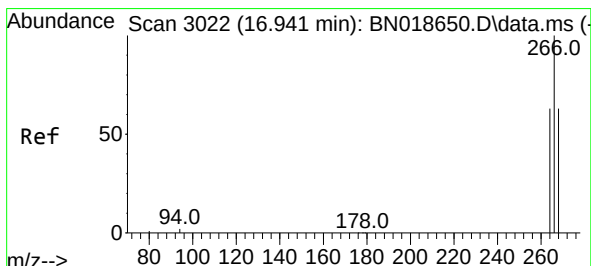
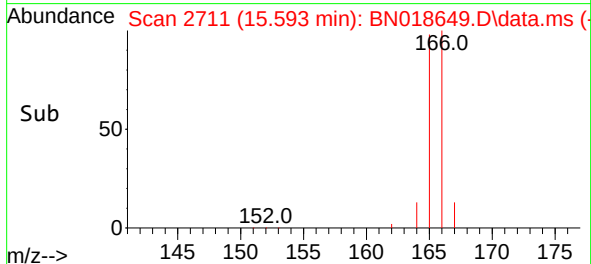
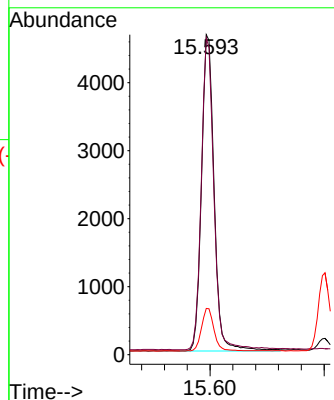
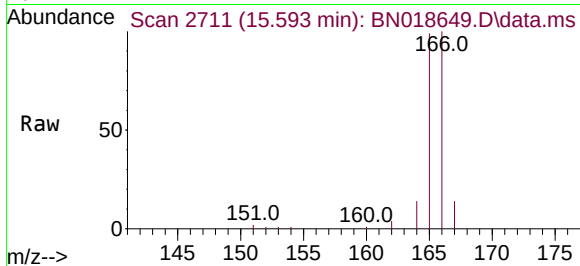




#12
Fluorene
Concen: 0.203 ng/ul
RT: 15.593 min Scan# 2711
Delta R.T. -0.003 min
Lab File: BN018649.D
Acq: 18 Feb 2022 10:37

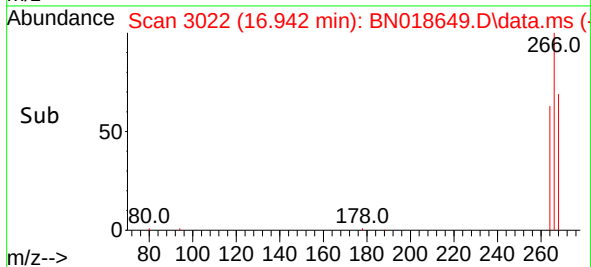
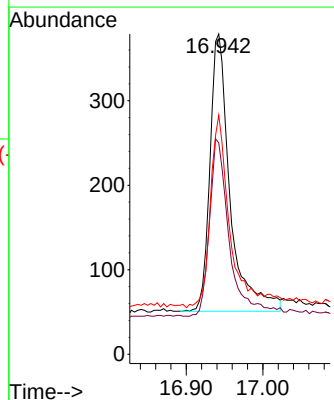
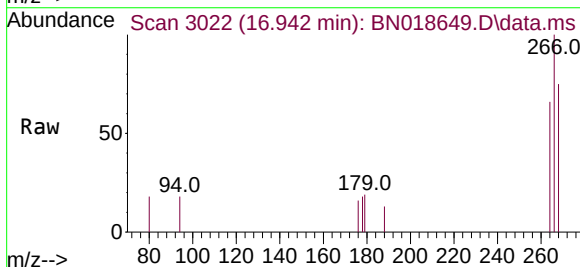
Instrument :
BNA_N
ClientSampleId :
SSTD0.2203

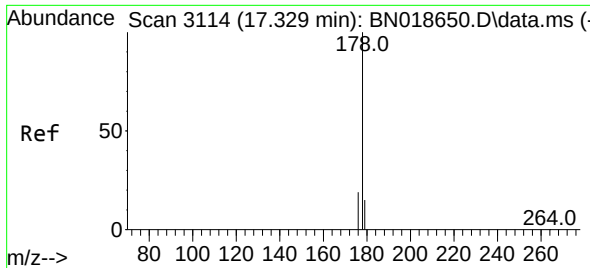
Tgt Ion:166 Resp: 7125
Ion Ratio Lower Upper
166 100
165 99.0 77.8 116.6
167 14.4 11.6 17.4



#14
Pentachlorophenol
Concen: 0.197 ng/ul
RT: 16.942 min Scan# 3022
Delta R.T. 0.002 min
Lab File: BN018649.D
Acq: 18 Feb 2022 10:37

Tgt Ion:266 Resp: 599
Ion Ratio Lower Upper
266 100
264 63.1 49.9 74.9
268 68.9 51.7 77.5

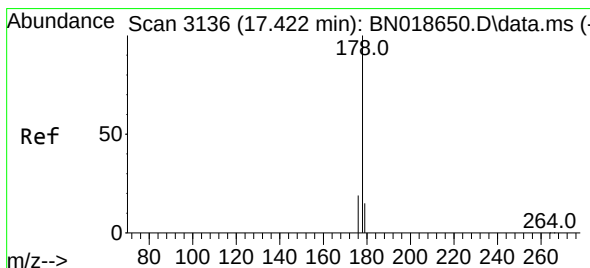
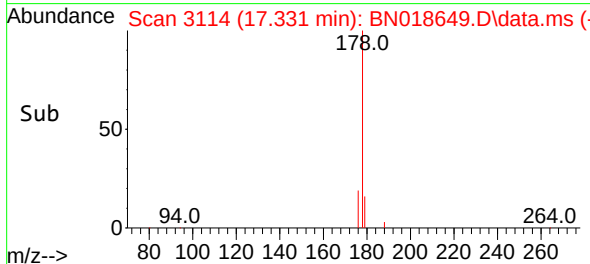
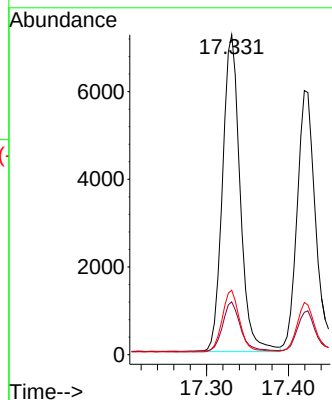
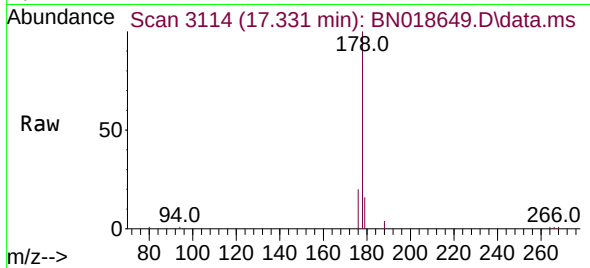




#15
Phenanthrene
Concen: 0.202 ng/ul
RT: 17.331 min Scan# 3114
Delta R.T. 0.002 min
Lab File: BN018649.D
Acq: 18 Feb 2022 10:37

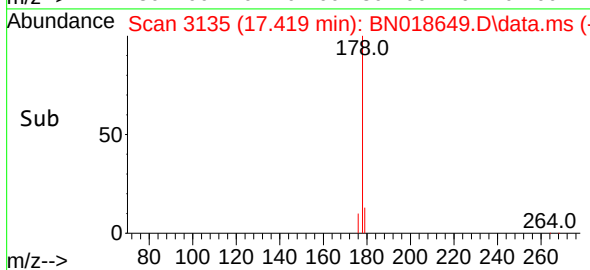
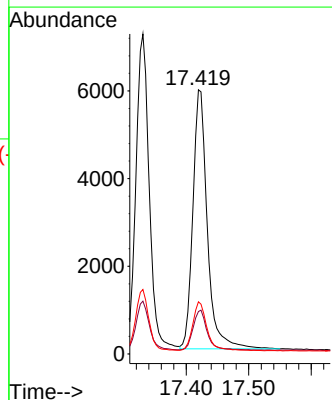
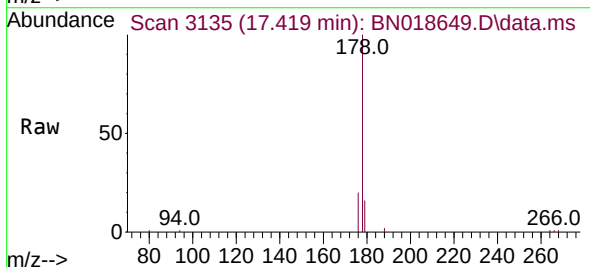
Instrument :
BNA_N
ClientSampleId :
SSTD0.2203

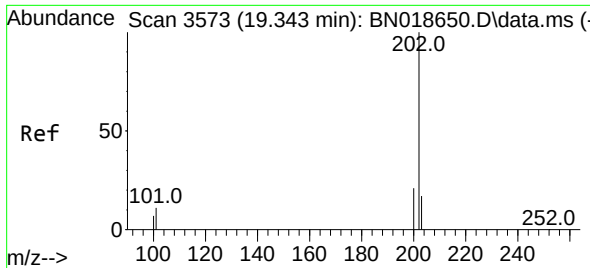
Tgt Ion:178 Resp: 10800
Ion Ratio Lower Upper
178 100
179 16.5 12.2 18.4
176 20.2 15.4 23.2



#16
Anthracene
Concen: 0.221 ng/ul
RT: 17.419 min Scan# 3135
Delta R.T. -0.003 min
Lab File: BN018649.D
Acq: 18 Feb 2022 10:37

Tgt Ion:178 Resp: 9495
Ion Ratio Lower Upper
178 100
179 16.0 12.3 18.5
176 19.7 15.5 23.3

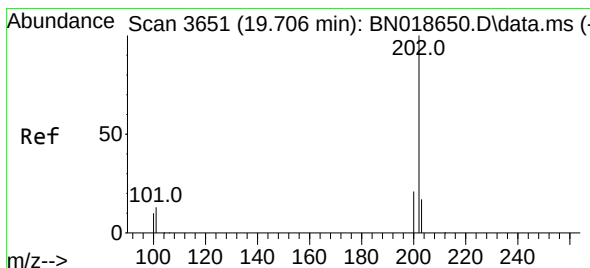
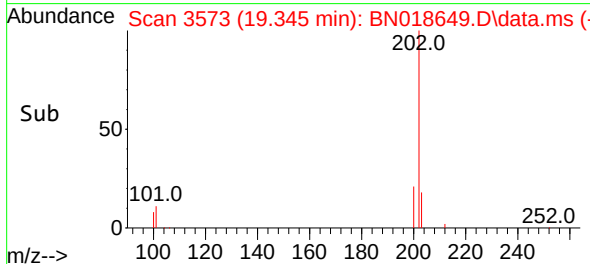
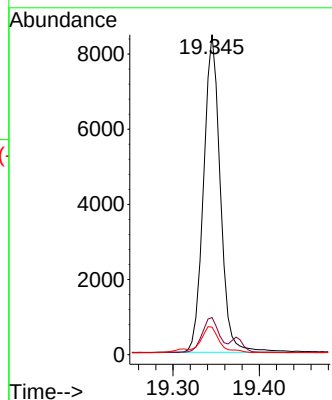
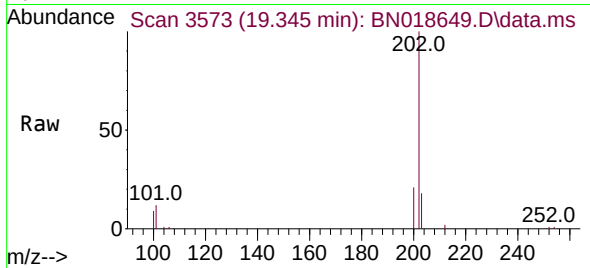




#19
Fluoranthene
Concen: 0.208 ng/ul
RT: 19.345 min Scan# 3573
Delta R.T. 0.002 min
Lab File: BN018649.D
Acq: 18 Feb 2022 10:37

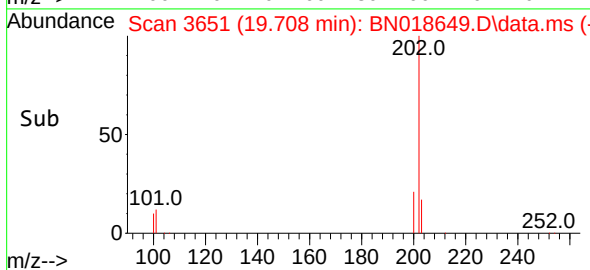
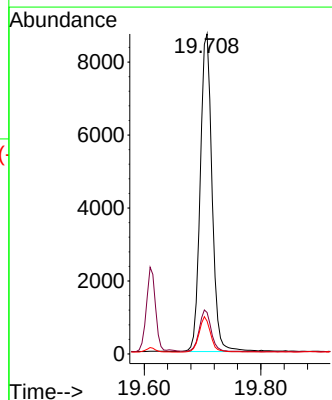
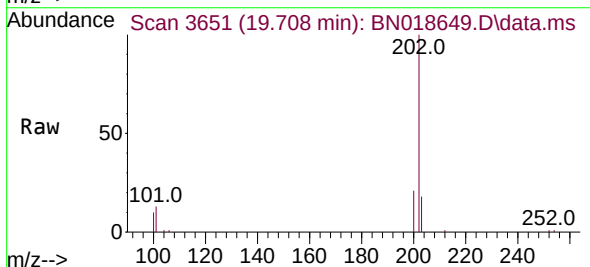
Instrument :
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SSTD0.2203

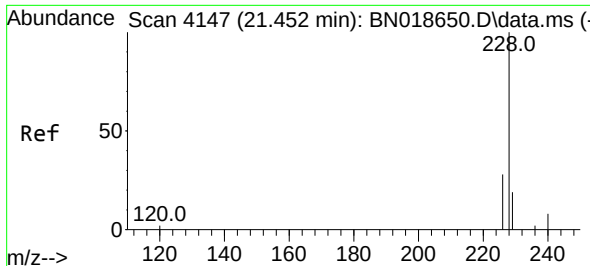
Tgt Ion:202 Resp: 11375
Ion Ratio Lower Upper
202 100
101 11.6 7.5 11.3#
100 8.6 5.4 8.2#



#20
Pyrene
Concen: 0.218 ng/ul
RT: 19.708 min Scan# 3651
Delta R.T. 0.002 min
Lab File: BN018649.D
Acq: 18 Feb 2022 10:37

Tgt Ion:202 Resp: 12276
Ion Ratio Lower Upper
202 100
101 12.9 9.0 13.4
100 10.3 7.0 10.4

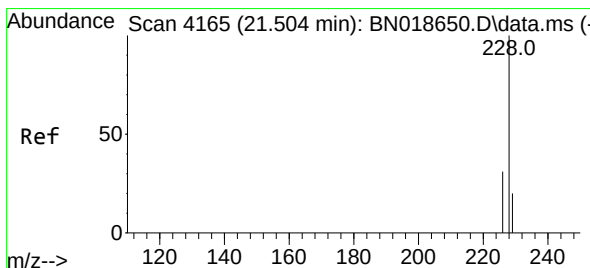
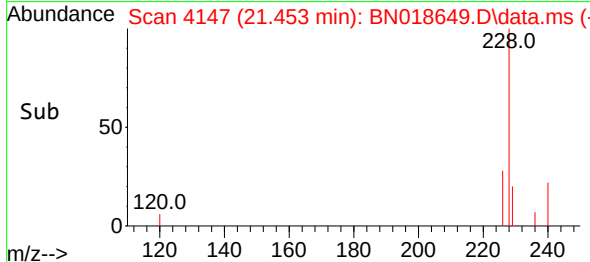
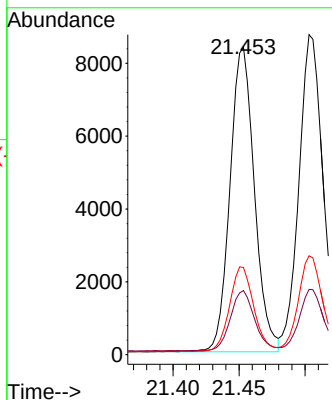
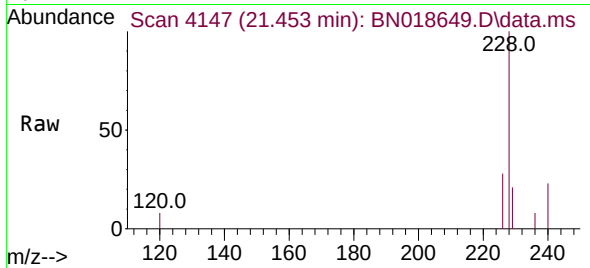




#21
Benzo(a)anthracene
Concen: 0.246 ng/ul
RT: 21.453 min Scan# 4147
Delta R.T. 0.002 min
Lab File: BN018649.D
Acq: 18 Feb 2022 10:37

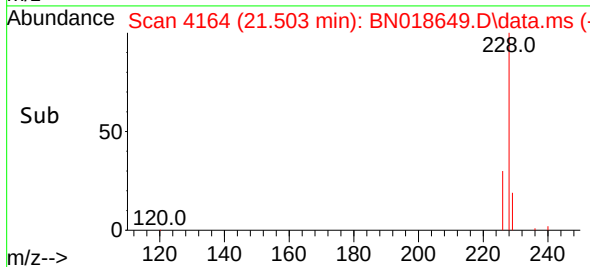
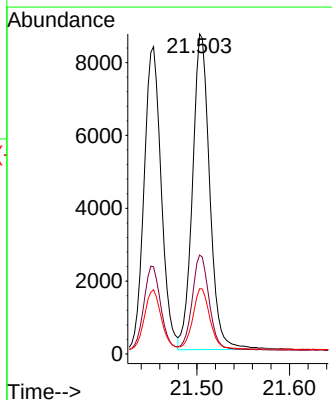
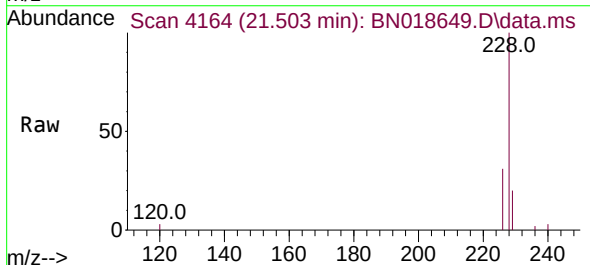
Instrument :
BNA_N
ClientSampleId :
SSTD0.2203

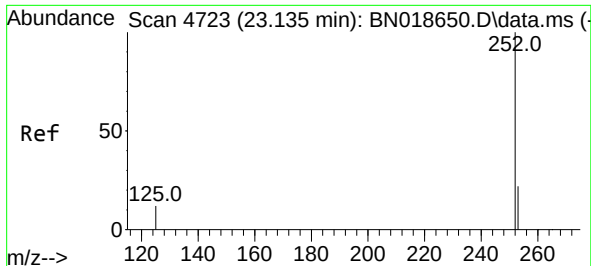
Tgt Ion:228 Resp: 10791
Ion Ratio Lower Upper
228 100
229 20.9 15.6 23.4
226 28.4 22.1 33.1



#22
Chrysene
Concen: 0.208 ng/ul
RT: 21.503 min Scan# 4164
Delta R.T. -0.001 min
Lab File: BN018649.D
Acq: 18 Feb 2022 10:37

Tgt Ion:228 Resp: 11168
Ion Ratio Lower Upper
228 100
226 30.9 24.2 36.4
229 20.4 15.7 23.5

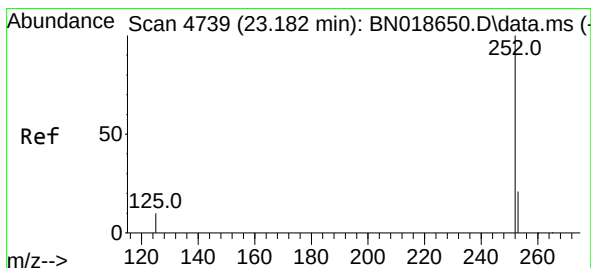
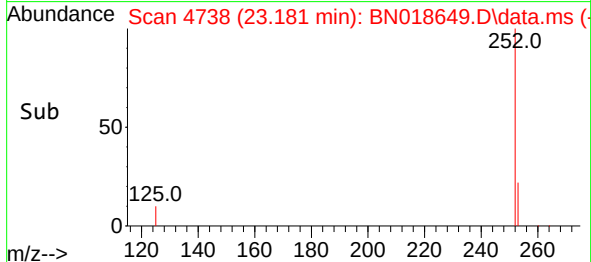
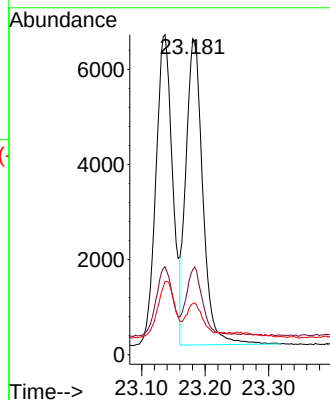
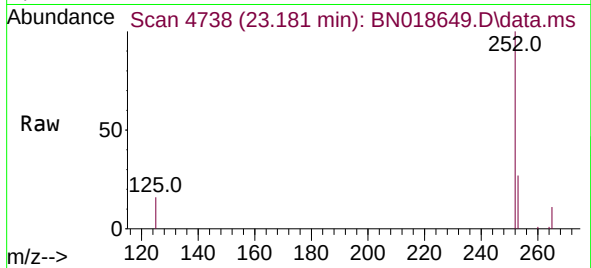




#24
Benzo(b)fluoranthene
Concen: 0.202 ng/ul
RT: 23.181 min Scan# 4738
Delta R.T. 0.046 min
Lab File: BN018649.D
Acq: 18 Feb 2022 10:37

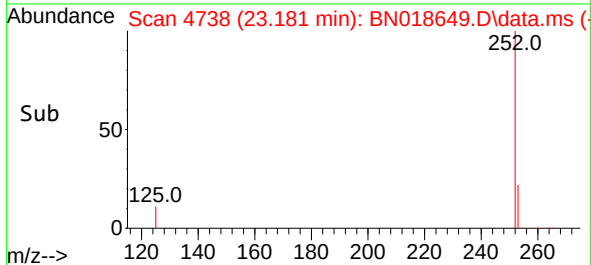
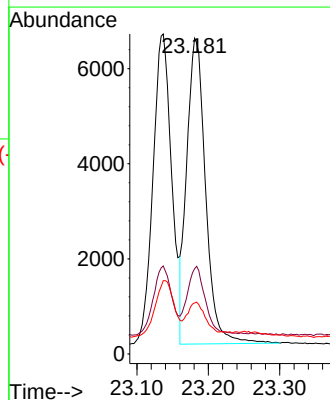
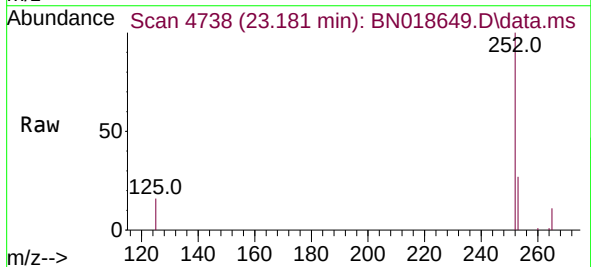
Instrument :
BNA_N
ClientSampleId :
SSTD0.2203

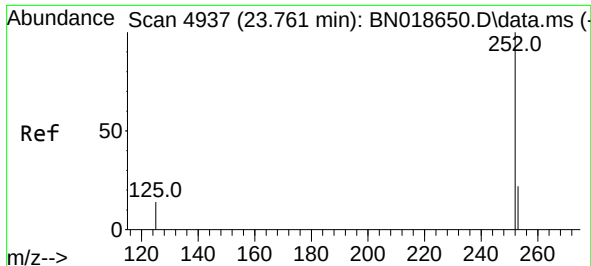
Tgt Ion:252 Resp: 11867
Ion Ratio Lower Upper
252 100
253 27.0 0.0 46.4
125 16.2 0.0 17.8



#25
Benzo(k)fluoranthene
Concen: 0.192 ng/ul
RT: 23.181 min Scan# 4738
Delta R.T. -0.001 min
Lab File: BN018649.D
Acq: 18 Feb 2022 10:37

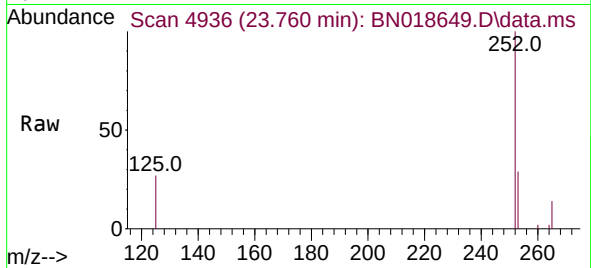
Tgt Ion:252 Resp: 11805
Ion Ratio Lower Upper
252 100
253 27.0 18.6 28.0
125 16.2 7.3 10.9#



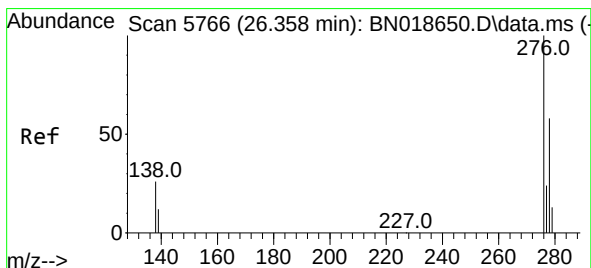
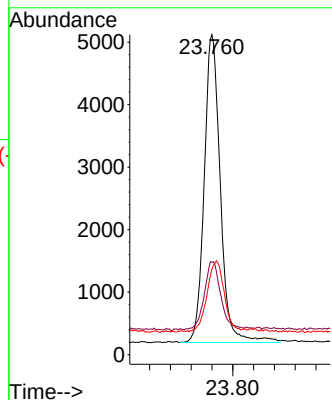
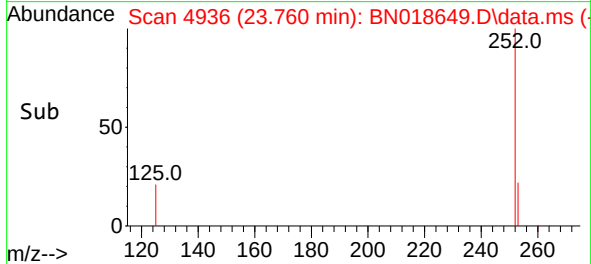


#26
Benzo(a)pyrene
Concen: 0.223 ng/ul
RT: 23.760 min Scan# 4937
Delta R.T. -0.001 min
Lab File: BN018649.D
Acq: 18 Feb 2022 10:37

Instrument :
BNA_N
ClientSampleId :
SSTD0.2203

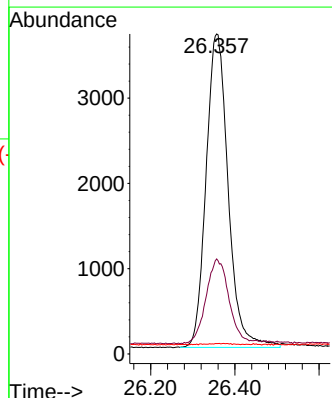
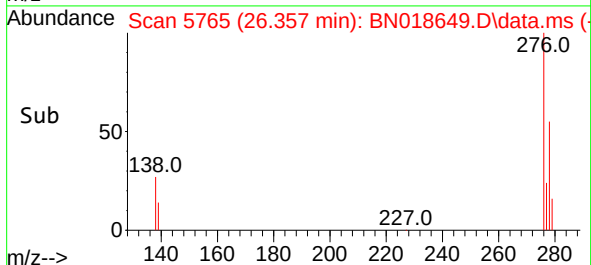
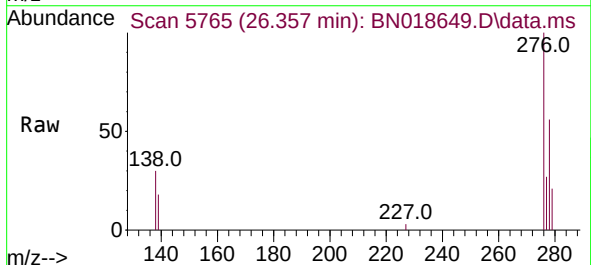


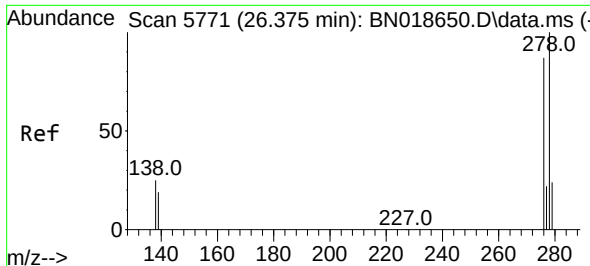
Tgt Ion:252 Resp: 10610
Ion Ratio Lower Upper
252 100
253 28.9 18.9 28.3#
125 26.7 8.2 12.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.213 ng/ul
RT: 26.357 min Scan# 5765
Delta R.T. -0.001 min
Lab File: BN018649.D
Acq: 18 Feb 2022 10:37

Tgt Ion:276 Resp: 13369
Ion Ratio Lower Upper
276 100
138 28.7 16.5 24.7#
227 0.3 0.1 0.1#

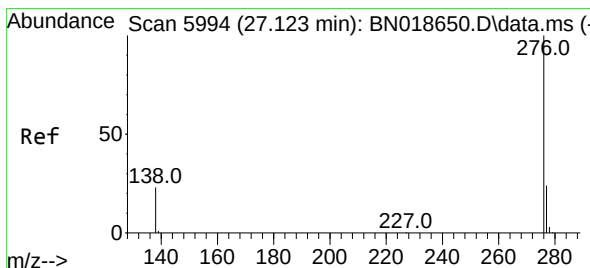
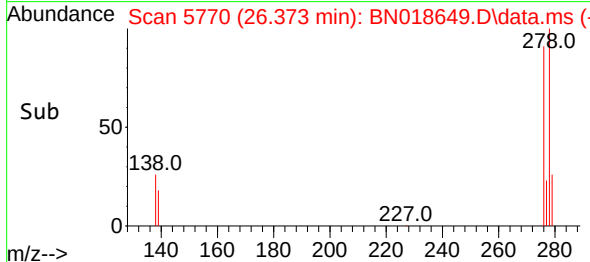
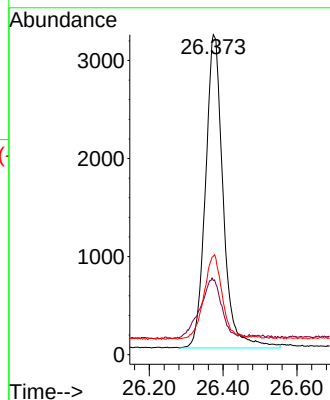
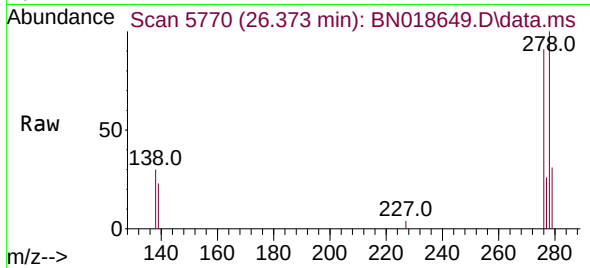




#28
Dibenzo(a,h)anthracene
Concen: 0.216 ng/ul
RT: 26.373 min Scan# 51
Delta R.T. -0.001 min
Lab File: BN018649.D
Acq: 18 Feb 2022 10:37

Instrument :
BNA_N
ClientSampleId :
SSTD0.2203

Tgt Ion:278 Resp: 10584
Ion Ratio Lower Upper
278 100
139 23.2 11.9 17.9#
279 30.7 19.5 29.3#



#29
Benzo(g,h,i)perylene
Concen: 0.206 ng/ul
RT: 27.118 min Scan# 5992
Delta R.T. -0.005 min
Lab File: BN018649.D
Acq: 18 Feb 2022 10:37

Tgt Ion:276 Resp: 11522
Ion Ratio Lower Upper
276 100
138 26.0 14.4 21.6#
277 26.3 19.2 28.8

