

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021822\
 Data File : BN018650.D
 Acq On : 18 Feb 2022 11:13
 Operator : CG/JU
 Sample : SST0.445
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.4204

Quant Time: Feb 18 13:00:44 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

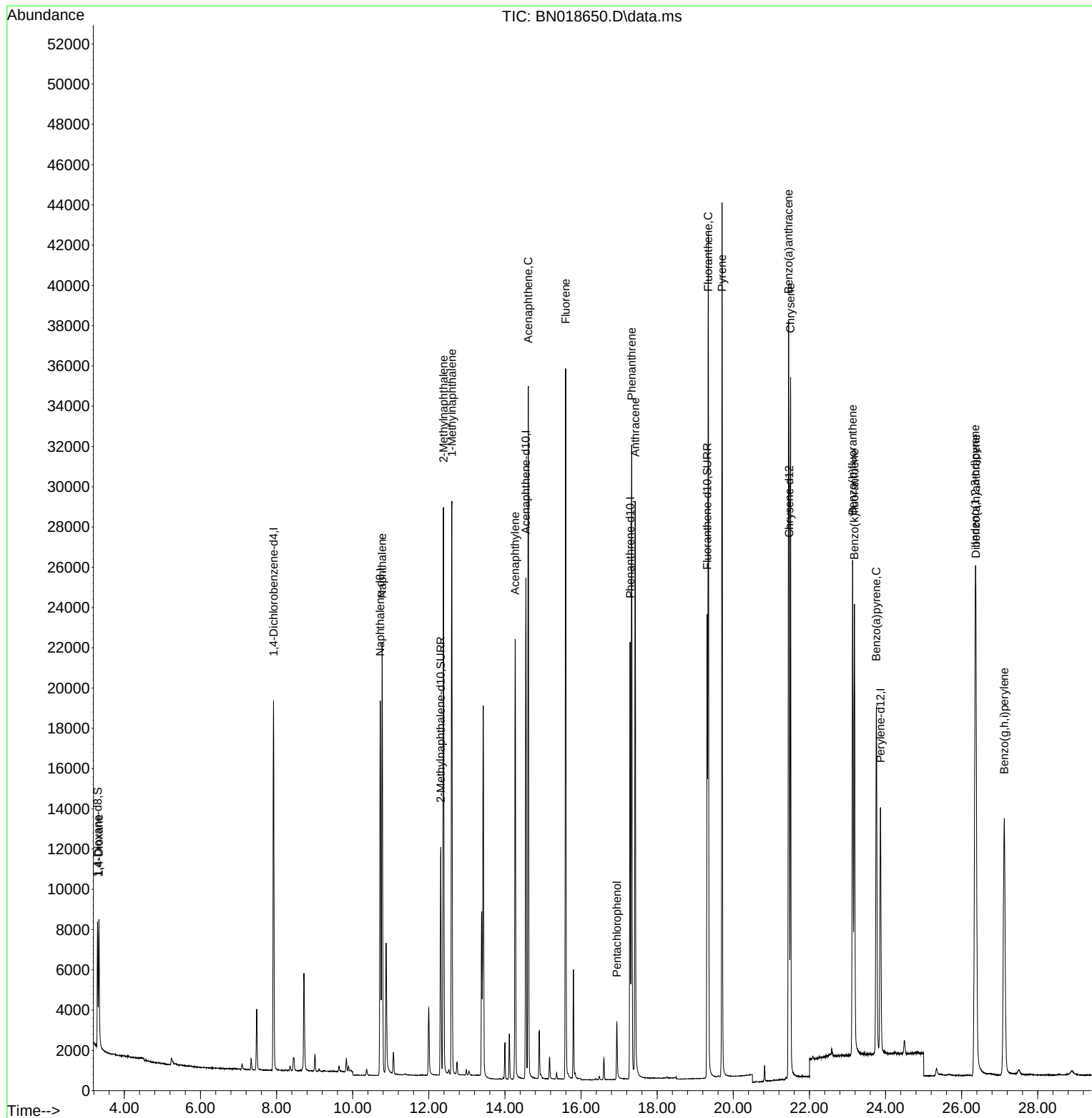
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.921	152	9467	0.400	ng/ul	0.00
4) Naphthalene-d8	10.724	136	24757	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.551	164	13476	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.291	188	25393	0.400	ng/ul	0.00
17) Chrysene-d12	21.469	240	18338	0.400	ng/ul #	0.00
23) Perylene-d12	23.869	264	16691	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	4329	0.398	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.314	152	14694	0.435	ng/ul	0.00
18) Fluoranthene-d10	19.316	212	25948	0.495	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.335	88	4386	0.373	ng/ul#	81
5) Naphthalene	10.774	128	29227	0.424	ng/ul	99
7) 2-Methylnaphthalene	12.385	142	19703	0.449	ng/ul	100
8) 1-Methylnaphthalene	12.605	142	19632	0.435	ng/ul	99
10) Acenaphthylene	14.269	152	25306	0.473	ng/ul	100
11) Acenaphthene	14.611	153	20316	0.432	ng/ul	99
12) Fluorene	15.596	166	22288	0.438	ng/ul	99
14) Pentachlorophenol	16.941	266	2103	0.444	ng/ul	99
15) Phenanthrene	17.329	178	34495	0.415	ng/ul	100
16) Anthracene	17.422	178	31168	0.468	ng/ul	100
19) Fluoranthene	19.343	202	36289	0.499	ng/ul#	95
20) Pyrene	19.706	202	36290	0.484	ng/ul	96
21) Benzo(a)anthracene	21.452	228	29477	0.505	ng/ul	100
22) Chrysene	21.504	228	30444	0.427	ng/ul	99
24) Benzo(b)fluoranthene	23.135	252	30029	0.409	ng/ul	95
25) Benzo(k)fluoranthene	23.182	252	30677	0.400	ng/ul#	97
26) Benzo(a)pyrene	23.761	252	27053	0.457	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.358	276	34601	0.443	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.375	278	27005	0.442	ng/ul#	94
29) Benzo(g,h,i)perylene	27.123	276	29259	0.420	ng/ul#	93

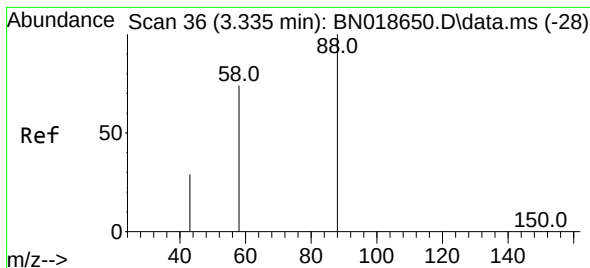
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 0.373 ng/ul

RT: 3.335 min Scan# 30

Delta R.T. 0.000 min

Lab File: BN018650.D

Acq: 18 Feb 2022 11:13

Instrument :

BNA_N

ClientSampleId :

SSTD0.4204

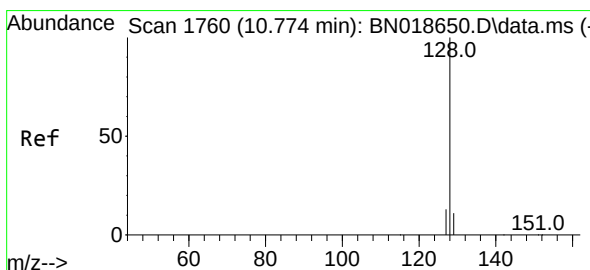
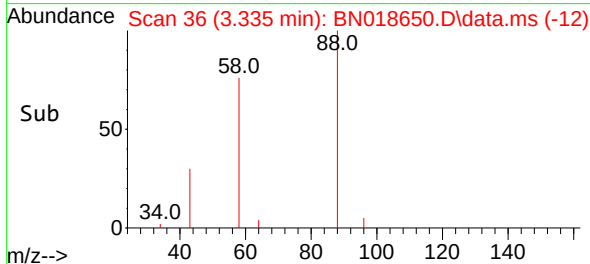
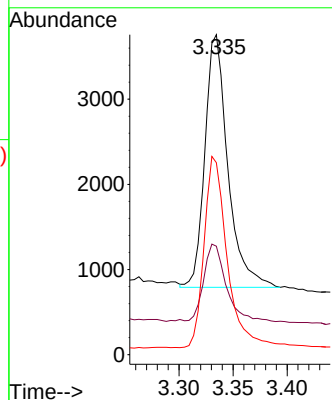
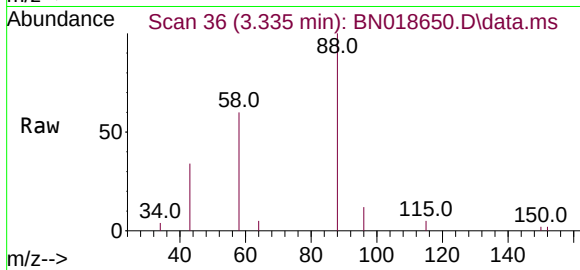
Tgt Ion: 88 Resp: 4386

Ion Ratio Lower Upper

88 100

43 33.9 47.8 71.8#

58 60.0 46.2 69.2



#5

Naphthalene

Concen: 0.424 ng/ul

RT: 10.774 min Scan# 1760

Delta R.T. 0.000 min

Lab File: BN018650.D

Acq: 18 Feb 2022 11:13

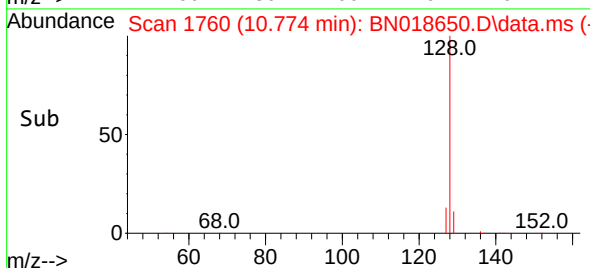
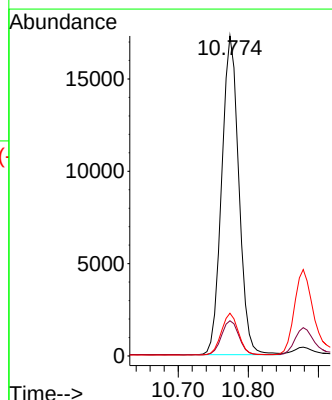
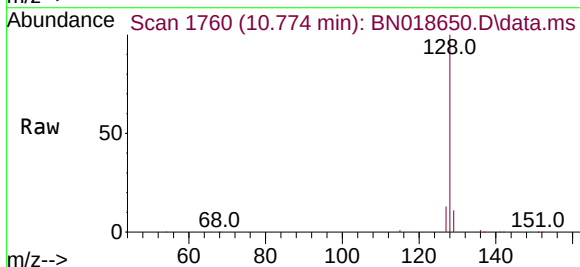
Tgt Ion: 128 Resp: 29227

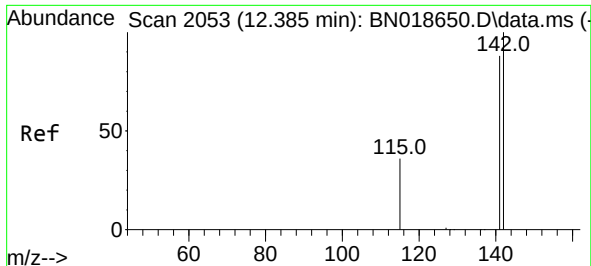
Ion Ratio Lower Upper

128 100

129 11.0 9.4 14.0

127 13.4 11.0 16.6

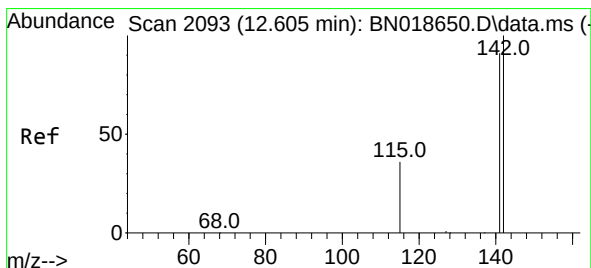
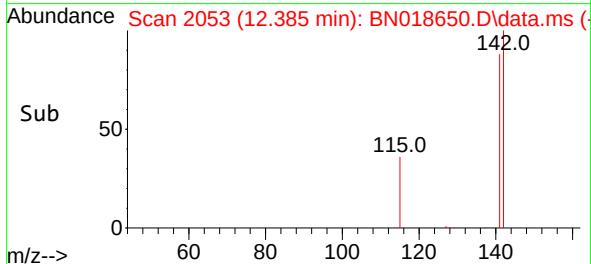
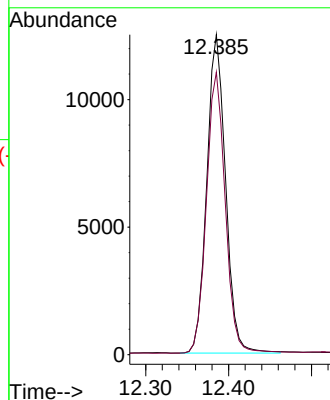
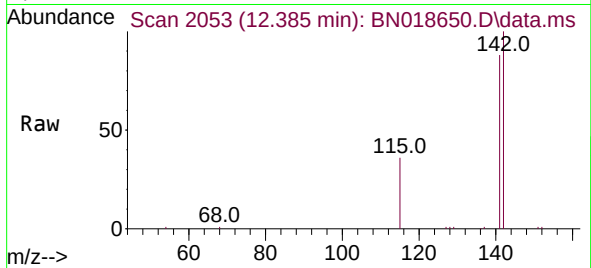




#7
2-Methylnaphthalene
Concen: 0.449 ng/ul
RT: 12.385 min Scan# 2053
Delta R.T. 0.000 min
Lab File: BN018650.D
Acq: 18 Feb 2022 11:13

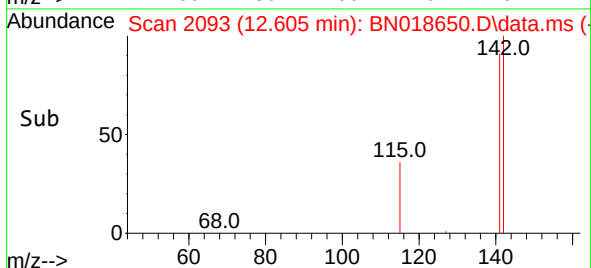
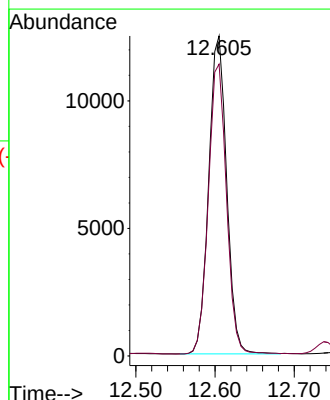
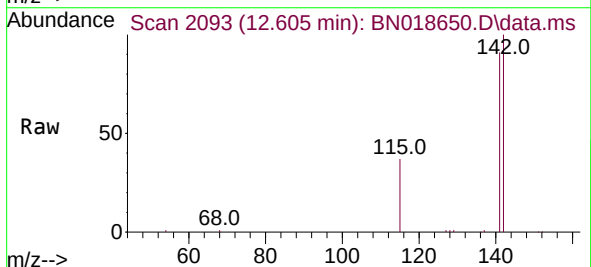
Instrument :
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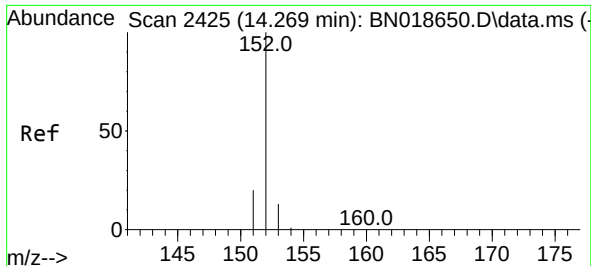
Tgt Ion:142 Resp: 19703
Ion Ratio Lower Upper
142 100
141 88.6 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.435 ng/ul
RT: 12.605 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BN018650.D
Acq: 18 Feb 2022 11:13

Tgt Ion:142 Resp: 19632
Ion Ratio Lower Upper
142 100
141 92.1 73.2 109.8

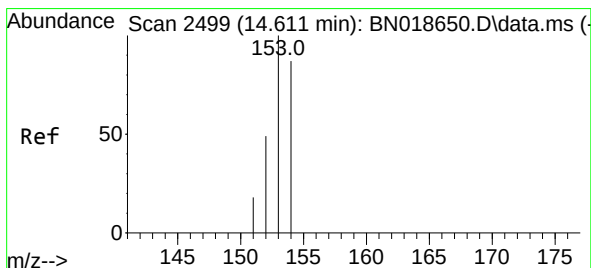
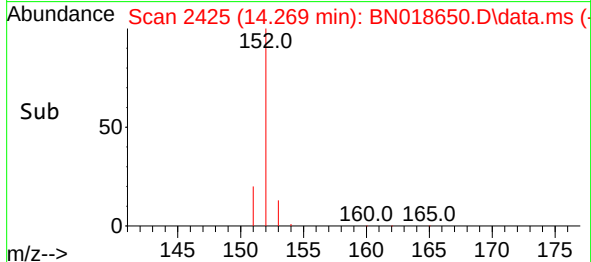
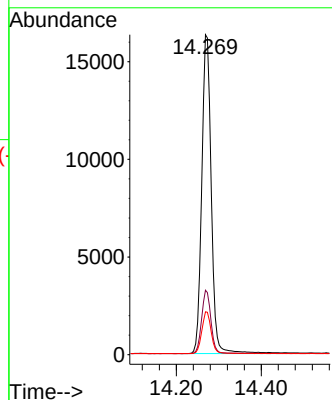
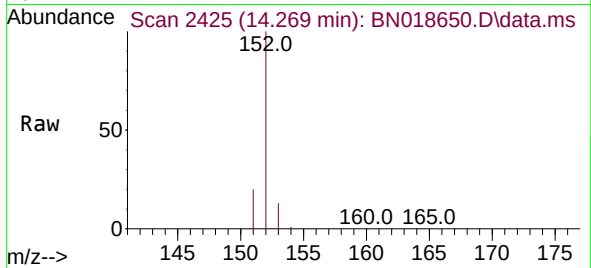




#10
Acenaphthylene
Concen: 0.473 ng/ul
RT: 14.269 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BN018650.D
Acq: 18 Feb 2022 11:13

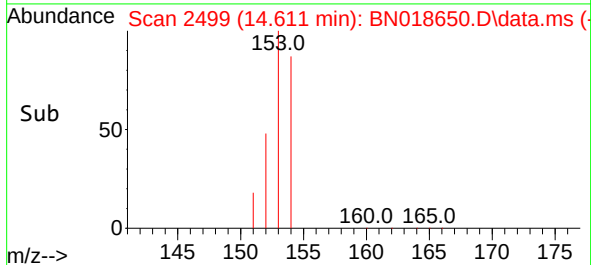
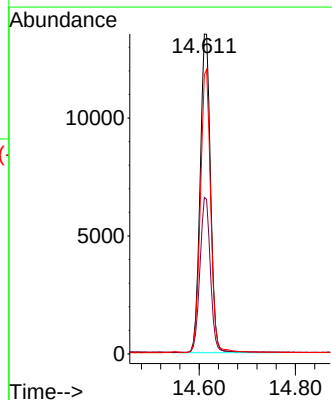
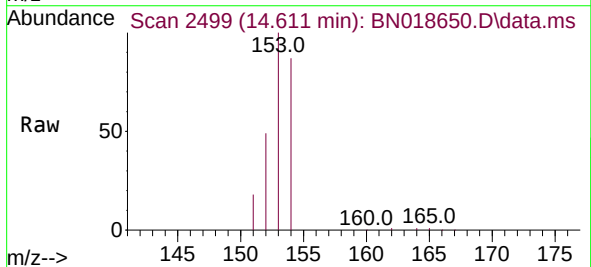
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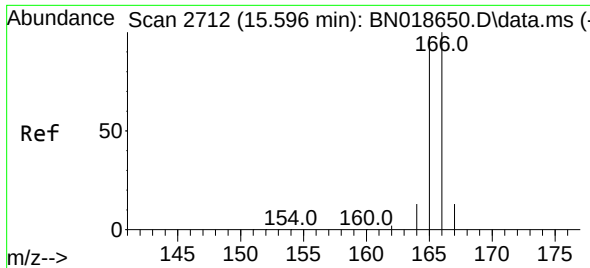
Tgt Ion:152 Resp: 25306
Ion Ratio Lower Upper
152 100
151 20.2 15.8 23.8
153 13.4 10.7 16.1



#11
Acenaphthene
Concen: 0.432 ng/ul
RT: 14.611 min Scan# 2499
Delta R.T. 0.000 min
Lab File: BN018650.D
Acq: 18 Feb 2022 11:13

Tgt Ion:153 Resp: 20316
Ion Ratio Lower Upper
153 100
152 48.9 39.7 59.5
154 87.2 70.9 106.3

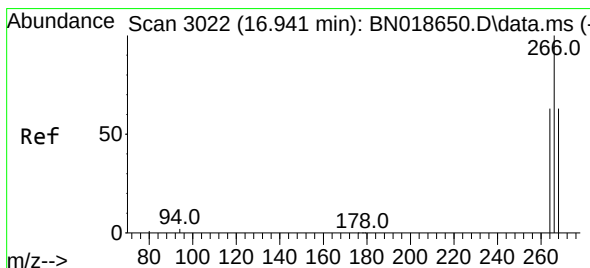
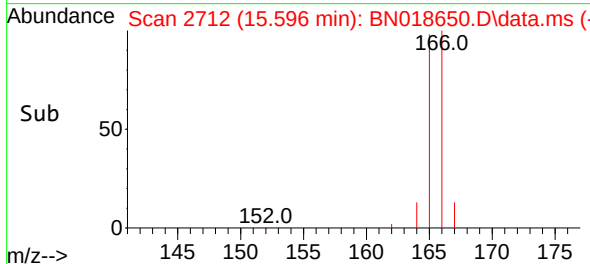
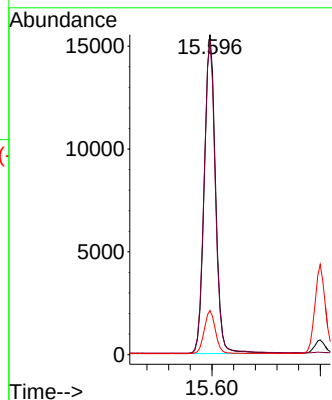
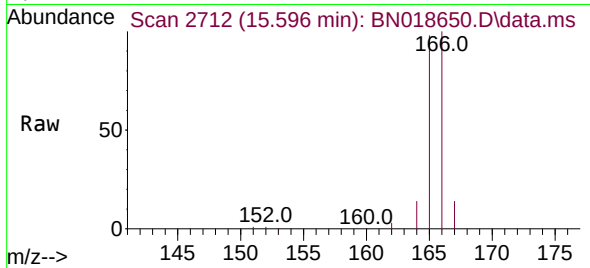




#12
 Fluorene
 Concen: 0.438 ng/ul
 RT: 15.596 min Scan# 2712
 Delta R.T. 0.000 min
 Lab File: BN018650.D
 Acq: 18 Feb 2022 11:13

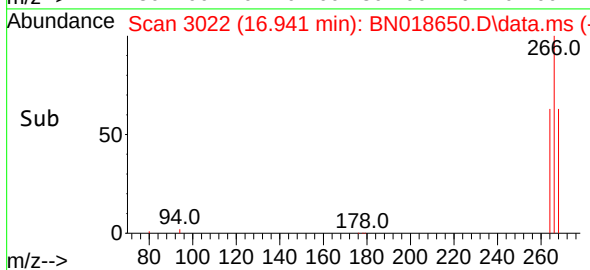
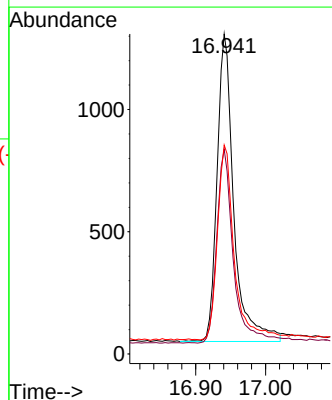
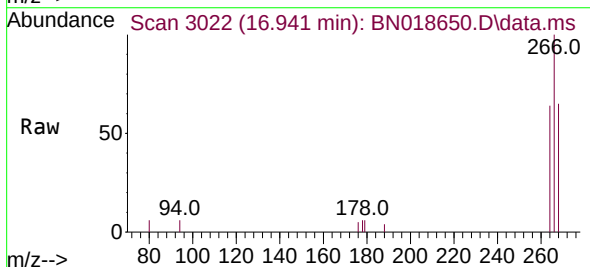
Instrument :
 BNA_N
 ClientSampleId :
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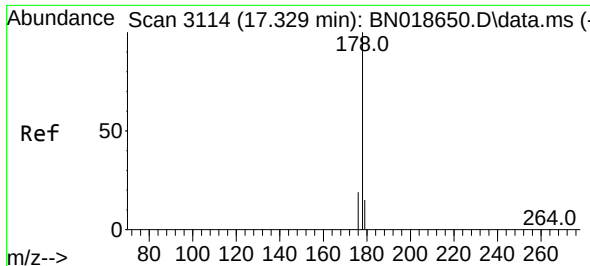
Tgt Ion:166 Resp: 22288
 Ion Ratio Lower Upper
 166 100
 165 98.2 77.8 116.6
 167 13.8 11.6 17.4



#14
 Pentachlorophenol
 Concen: 0.444 ng/ul
 RT: 16.941 min Scan# 3022
 Delta R.T. 0.000 min
 Lab File: BN018650.D
 Acq: 18 Feb 2022 11:13

Tgt Ion:266 Resp: 2103
 Ion Ratio Lower Upper
 266 100
 264 62.8 49.9 74.9
 268 63.6 51.7 77.5

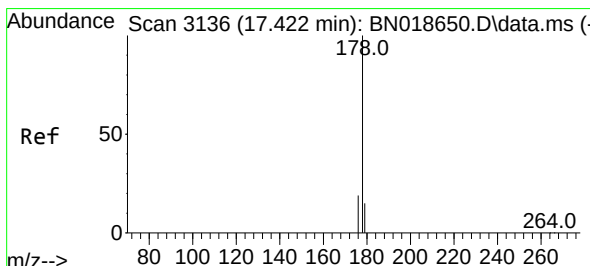
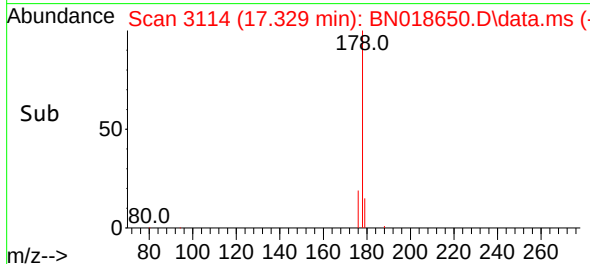
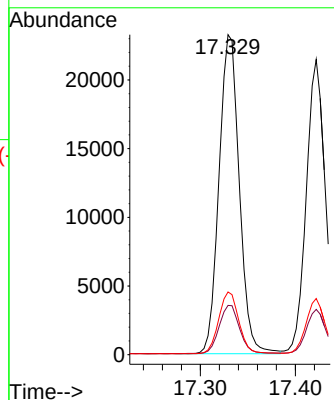
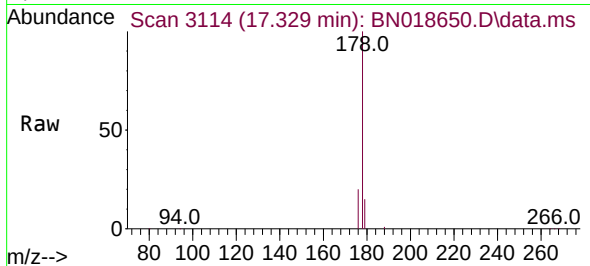




#15
Phenanthrene
Concen: 0.415 ng/ul
RT: 17.329 min Scan# 3114
Delta R.T. 0.000 min
Lab File: BN018650.D
Acq: 18 Feb 2022 11:13

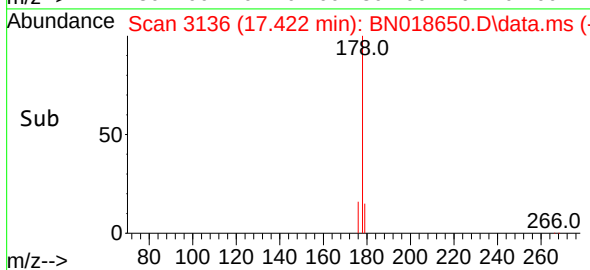
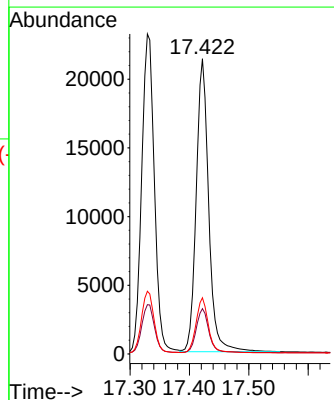
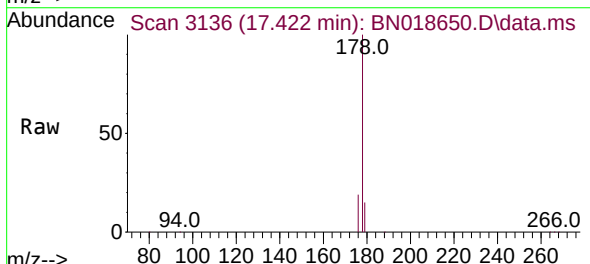
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ClientSampleId :
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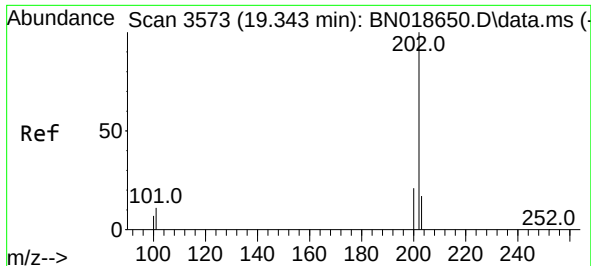
Tgt Ion:178 Resp: 34495
Ion Ratio Lower Upper
178 100
179 15.4 12.2 18.4
176 19.6 15.4 23.2



#16
Anthracene
Concen: 0.468 ng/ul
RT: 17.422 min Scan# 3136
Delta R.T. 0.000 min
Lab File: BN018650.D
Acq: 18 Feb 2022 11:13

Tgt Ion:178 Resp: 31168
Ion Ratio Lower Upper
178 100
179 15.4 12.3 18.5
176 19.1 15.5 23.3

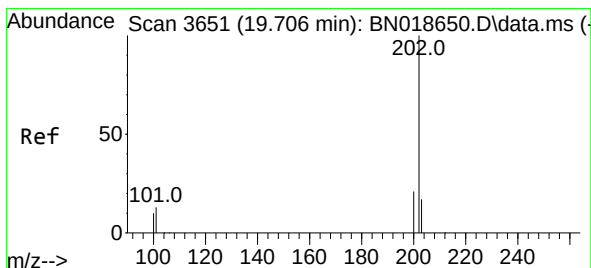
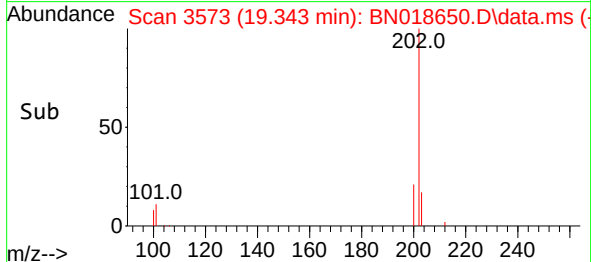
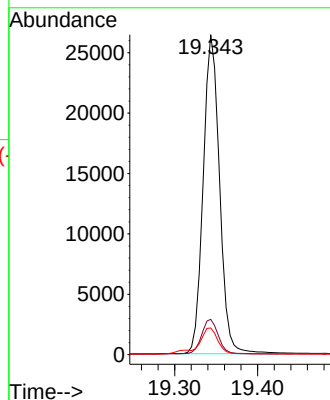
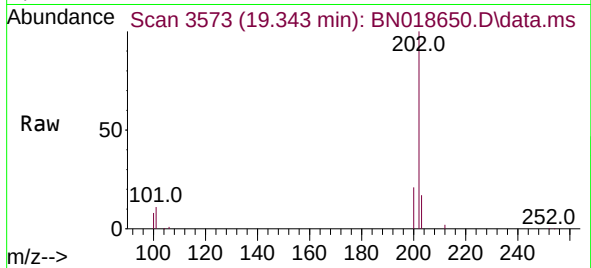




#19
Fluoranthene
Concen: 0.499 ng/u1
RT: 19.343 min Scan# 3573
Delta R.T. 0.000 min
Lab File: BN018650.D
Acq: 18 Feb 2022 11:13

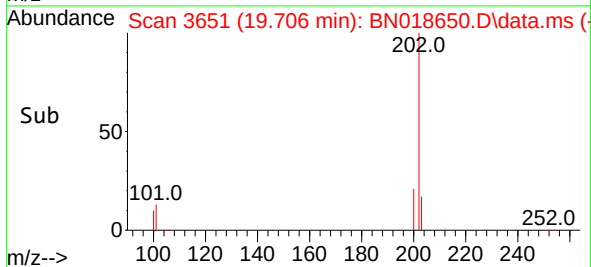
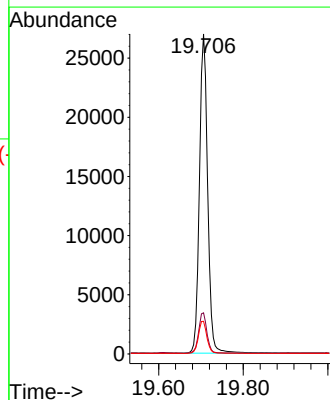
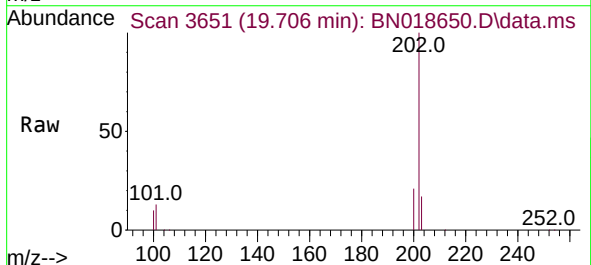
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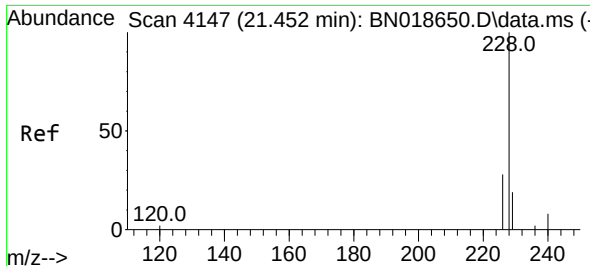
Tgt Ion:202 Resp: 36289
Ion Ratio Lower Upper
202 100
101 11.1 7.5 11.3
100 8.4 5.4 8.2#



#20
Pyrene
Concen: 0.484 ng/u1
RT: 19.706 min Scan# 3651
Delta R.T. 0.000 min
Lab File: BN018650.D
Acq: 18 Feb 2022 11:13

Tgt Ion:202 Resp: 36290
Ion Ratio Lower Upper
202 100
101 12.9 9.0 13.4
100 10.2 7.0 10.4

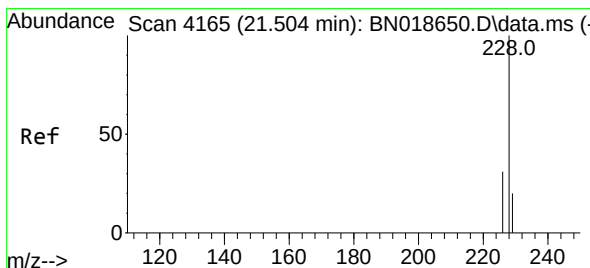
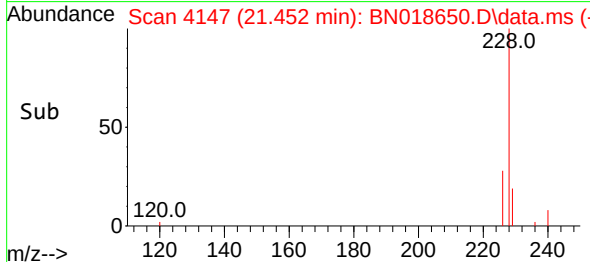
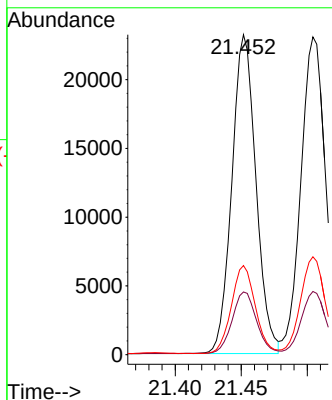
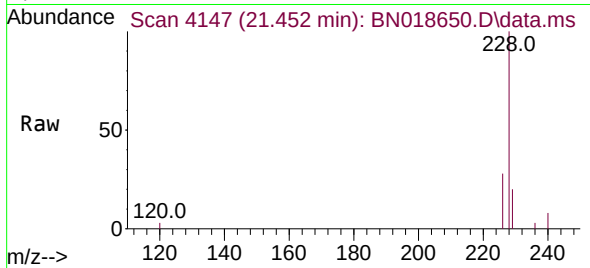




#21
Benzo(a)anthracene
Concen: 0.505 ng/ul
RT: 21.452 min Scan# 4147
Delta R.T. 0.000 min
Lab File: BN018650.D
Acq: 18 Feb 2022 11:13

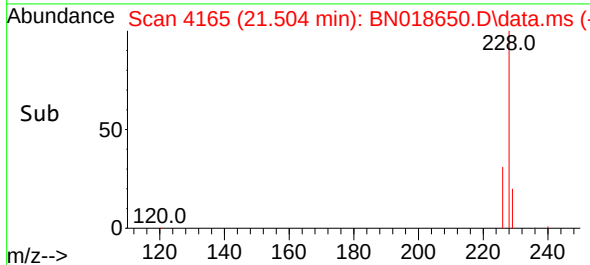
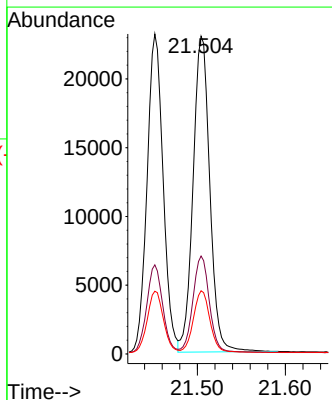
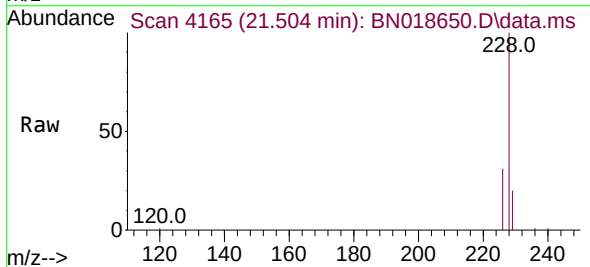
Instrument :
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SSTD0.4204

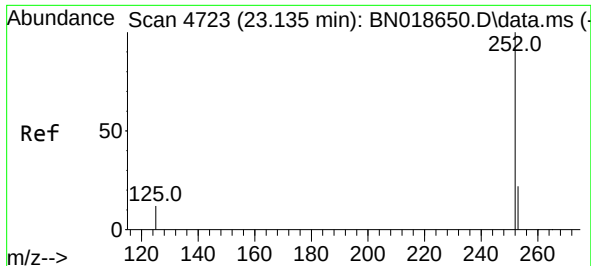
Tgt Ion:228 Resp: 29477
Ion Ratio Lower Upper
228 100
229 19.6 15.6 23.4
226 27.9 22.1 33.1



#22
Chrysene
Concen: 0.427 ng/ul
RT: 21.504 min Scan# 4165
Delta R.T. 0.000 min
Lab File: BN018650.D
Acq: 18 Feb 2022 11:13

Tgt Ion:228 Resp: 30444
Ion Ratio Lower Upper
228 100
226 30.8 24.2 36.4
229 19.9 15.7 23.5

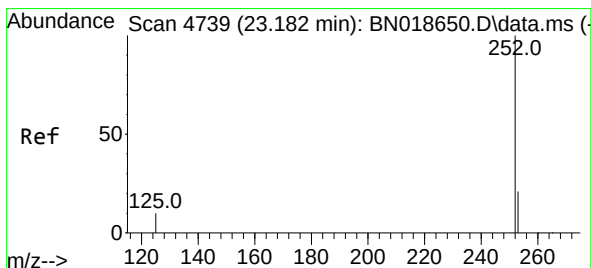
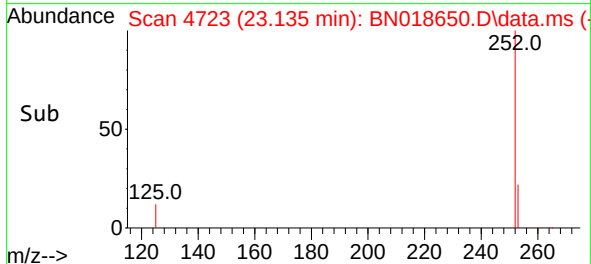
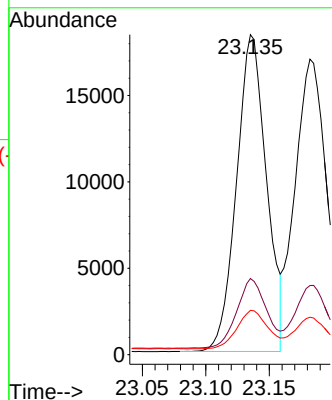
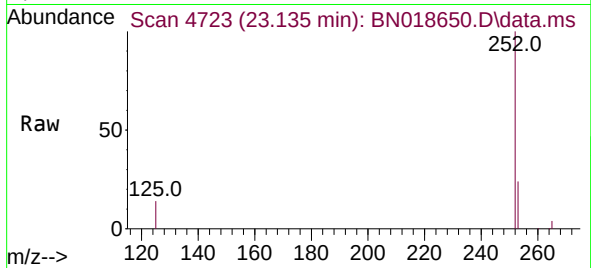




#24
Benzo(b)fluoranthene
Concen: 0.409 ng/ul
RT: 23.135 min Scan# 4723
Delta R.T. 0.000 min
Lab File: BN018650.D
Acq: 18 Feb 2022 11:13

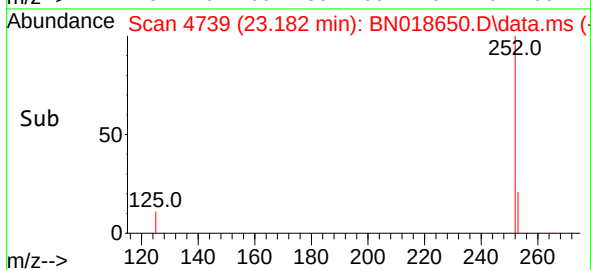
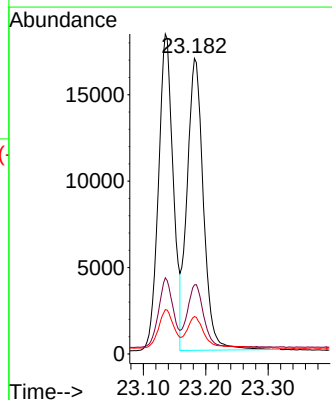
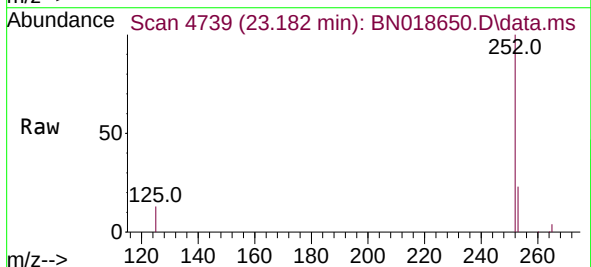
Instrument :
BNA_N
ClientSampleId :
SSTD0.4204

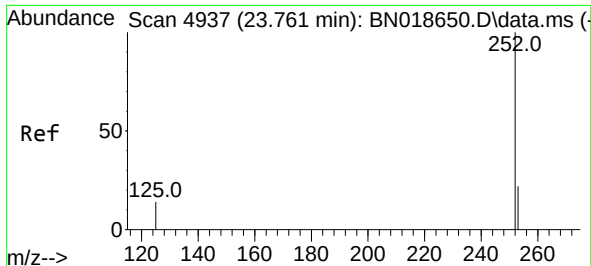
Tgt Ion:252 Resp: 30029
Ion Ratio Lower Upper
252 100
253 23.8 0.0 46.4
125 13.8 0.0 17.8



#25
Benzo(k)fluoranthene
Concen: 0.400 ng/ul
RT: 23.182 min Scan# 4739
Delta R.T. 0.000 min
Lab File: BN018650.D
Acq: 18 Feb 2022 11:13

Tgt Ion:252 Resp: 30677
Ion Ratio Lower Upper
252 100
253 23.4 18.6 28.0
125 12.7 7.3 10.9#

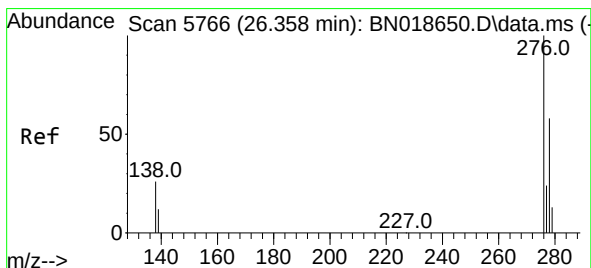
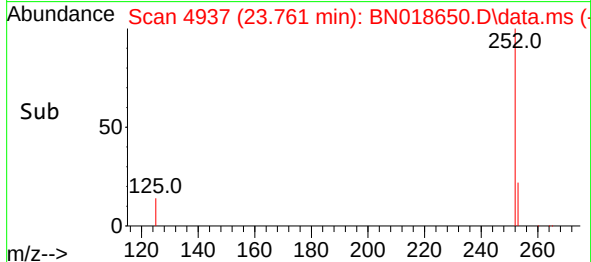
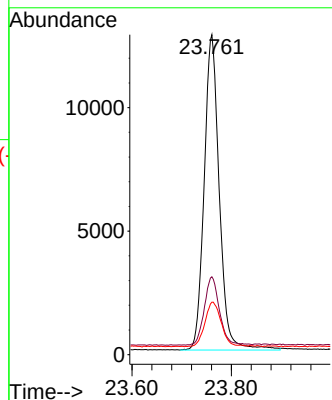
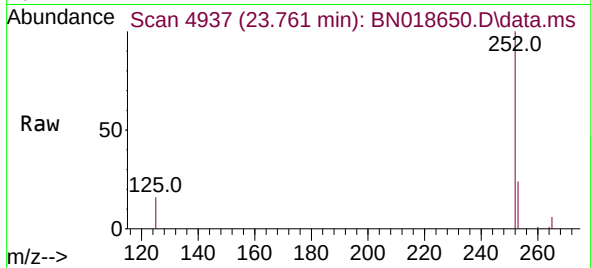




#26
Benzo(a)pyrene
Concen: 0.457 ng/ul
RT: 23.761 min Scan# 4937
Delta R.T. 0.000 min
Lab File: BN018650.D
Acq: 18 Feb 2022 11:13

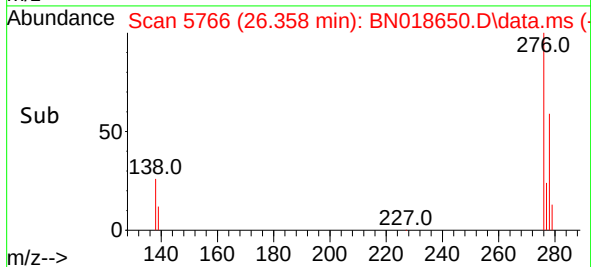
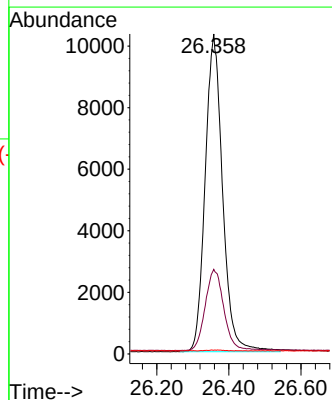
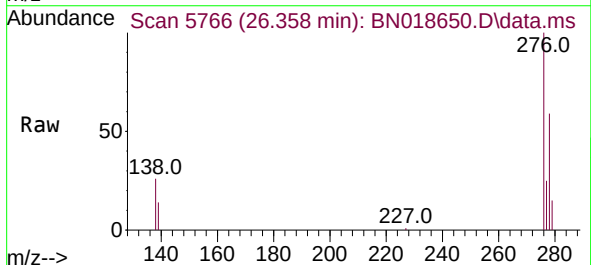
Instrument :
BNA_N
ClientSampleId :
SSTD0.4204

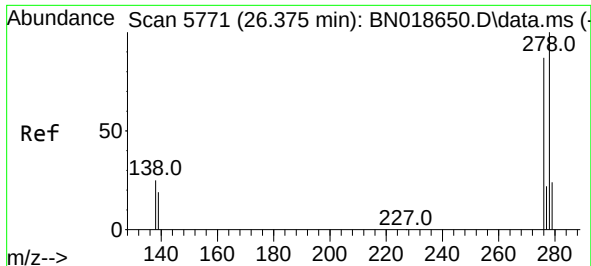
Tgt Ion:252 Resp: 27053
Ion Ratio Lower Upper
252 100
253 24.4 18.9 28.3
125 16.4 8.2 12.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.443 ng/ul
RT: 26.358 min Scan# 5766
Delta R.T. 0.000 min
Lab File: BN018650.D
Acq: 18 Feb 2022 11:13

Tgt Ion:276 Resp: 34601
Ion Ratio Lower Upper
276 100
138 27.3 16.5 24.7#
227 0.2 0.1 0.1#

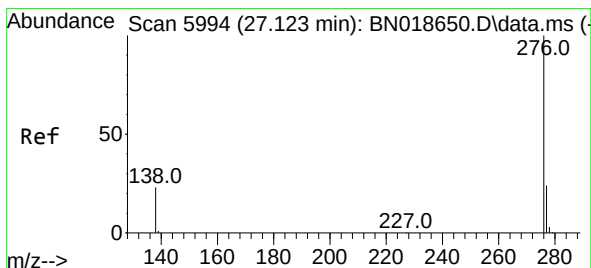
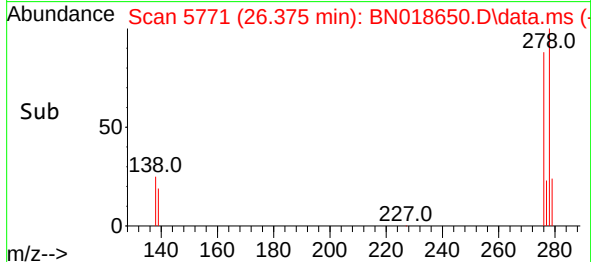
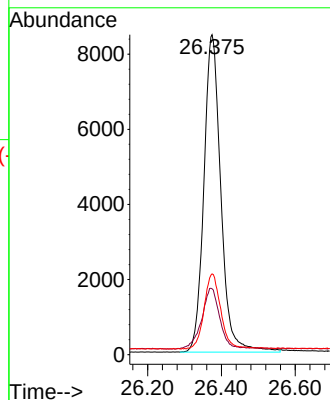
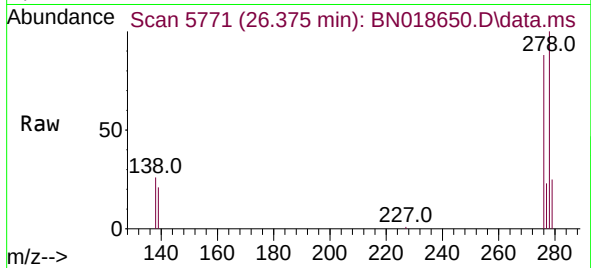




#28
Dibenzo(a,h)anthracene
Concen: 0.442 ng/ul
RT: 26.375 min Scan# 5771
Delta R.T. 0.000 min
Lab File: BN018650.D
Acq: 18 Feb 2022 11:13

Instrument :
BNA_N
ClientSampleId :
SSTD0.4204

Tgt Ion:278 Resp: 27005
Ion Ratio Lower Upper
278 100
139 20.6 11.9 17.9#
279 25.2 19.5 29.3



#29
Benzo(g,h,i)perylene
Concen: 0.420 ng/ul
RT: 27.123 min Scan# 5994
Delta R.T. 0.000 min
Lab File: BN018650.D
Acq: 18 Feb 2022 11:13

Tgt Ion:276 Resp: 29259
Ion Ratio Lower Upper
276 100
138 24.4 14.4 21.6#
277 25.0 19.2 28.8

