

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010422\
 Data File : BN018328.D
 Acq On : 04 Jan 2022 10:07
 Operator : CG/JU
 Sample : SST0.115
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.1215

Quant Time: Jan 04 12:33:54 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN010422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 04 12:28:21 2022
 Response via : Initial Calibration

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

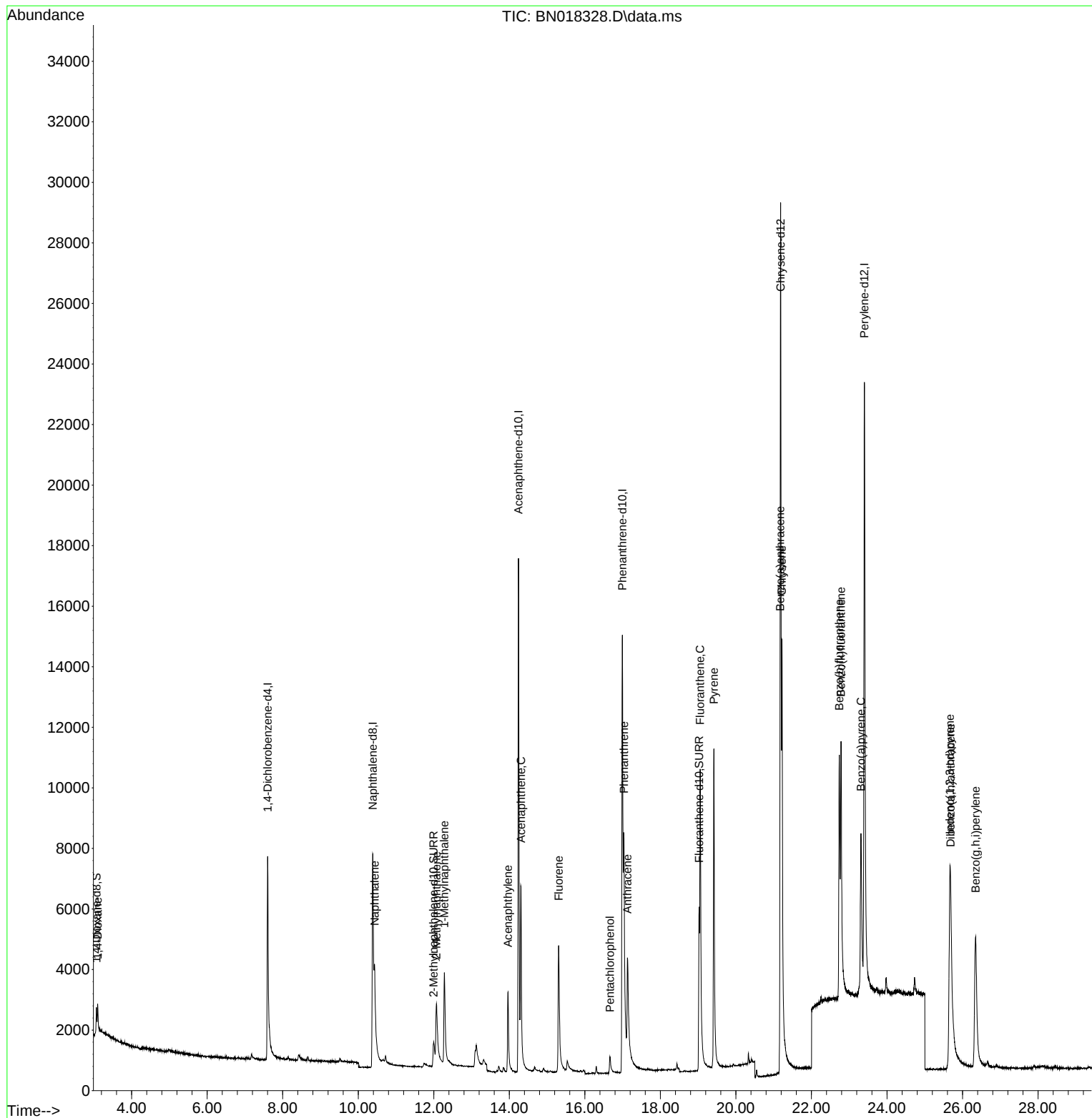
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.603	152	5380	0.400	ng/ul	0.00
4) Naphthalene-d8	10.387	136	17462	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.243	164	11712	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.994	188	24980	0.400	ng/ul	0.00
17) Chrysene-d12	21.184	240	31299	0.400	ng/ul	0.00
23) Perylene-d12	23.402	264	30413	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.067	96	583	0.116	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.998	152	2187	0.072	ng/ul	0.01
18) Fluoranthene-d10	19.026	212	8838	0.095	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.101	88	771	0.138	ng/ul#	57
5) Naphthalene	10.436	128	5022	0.097	ng/ul#	94
7) 2-Methylnaphthalene	12.070	142	2841	0.075	ng/ul	99
8) 1-Methylnaphthalene	12.279	142	3230	0.085	ng/ul	99
10) Acenaphthylene	13.966	152	4622	0.091	ng/ul	94
11) Acenaphthene	14.308	153	4267	0.105	ng/ul	97
12) Fluorene	15.307	166	4847	0.096	ng/ul	97
14) Pentachlorophenol	16.665	266	675	0.068	ng/ul	97
15) Phenanthrene	17.036	178	8796	0.106	ng/ul	98
16) Anthracene	17.129	178	6648	0.089	ng/ul#	94
19) Fluoranthene	19.054	202	11657	0.094	ng/ul	97
20) Pyrene	19.416	202	12912	0.099	ng/ul	98
21) Benzo(a)anthracene	21.169	228	9613	0.081	ng/ul	98
22) Chrysene	21.219	228	13153	0.102	ng/ul	99
24) Benzo(b)fluoranthene	22.739	252	12041	0.095	ng/ul	89
25) Benzo(k)fluoranthene	22.783	252	15157	0.104	ng/ul#	89
26) Benzo(a)pyrene	23.309	252	11624	0.096	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	25.662	276	14485	0.094	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.689	278	10758	0.091	ng/ul#	89
29) Benzo(g,h,i)perylene	26.346	276	13254	0.101	ng/ul	97

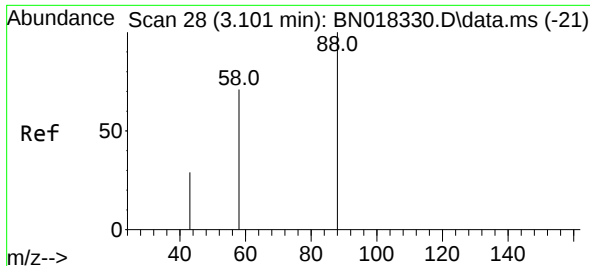
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_N
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SSTD0.1215

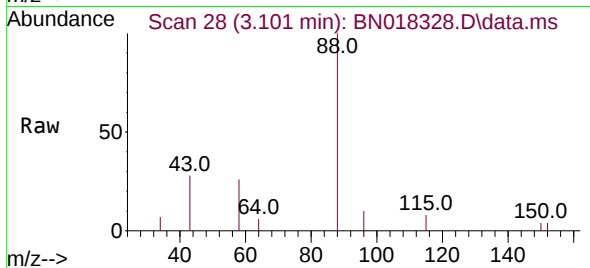
Quant Time: Jan 04 12:33:54 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN010422.M
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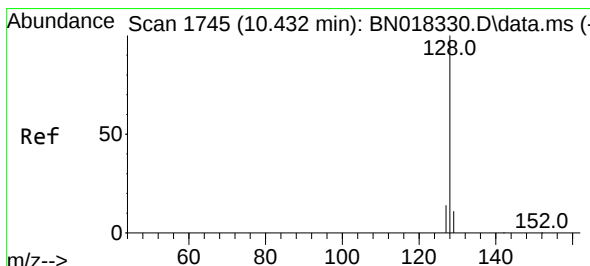
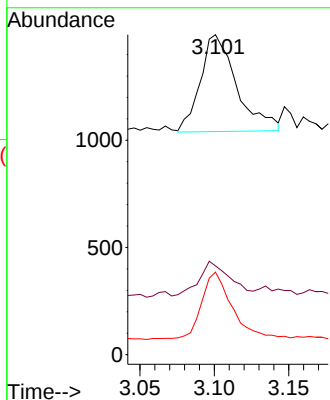
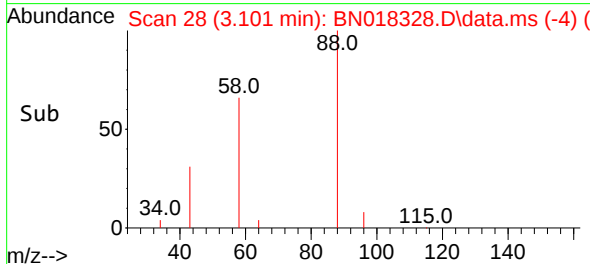


#2
 1,4-Dioxane
 Concen: 0.138 ng/ul
 RT: 3.101 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN018328.D
 Acq: 04 Jan 2022 10:07

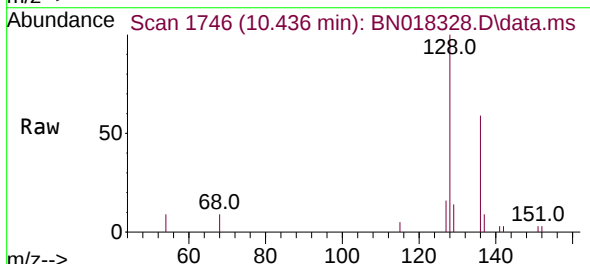
Instrument :
 BNA_N
 ClientSampleId :
 SST00.1215



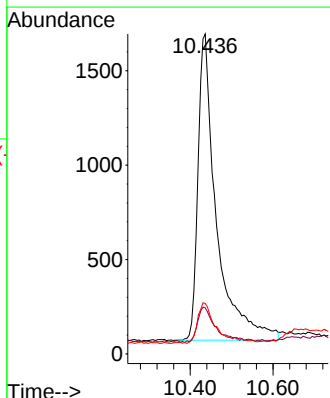
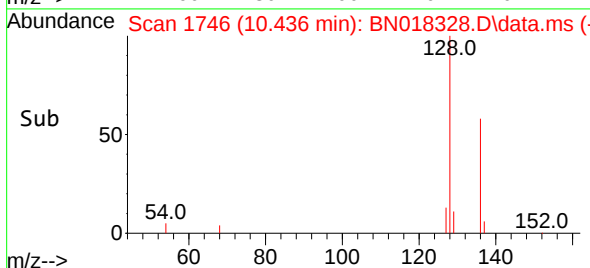
Tgt Ion: 88 Resp: 771
 Ion Ratio Lower Upper
 88 100
 43 27.7 47.8 71.8#
 58 25.8 46.2 69.2#

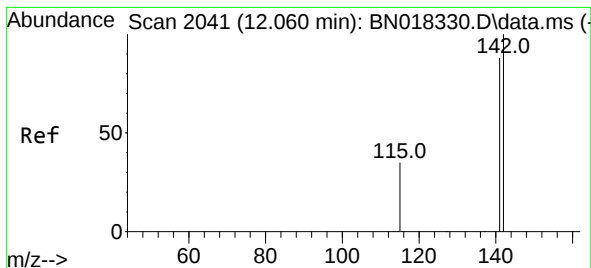


#5
 Naphthalene
 Concen: 0.097 ng/ul
 RT: 10.436 min Scan# 1746
 Delta R.T. 0.004 min
 Lab File: BN018328.D
 Acq: 04 Jan 2022 10:07



Tgt Ion: 128 Resp: 5022
 Ion Ratio Lower Upper
 128 100
 129 14.4 9.4 14.0#
 127 15.8 11.0 16.6

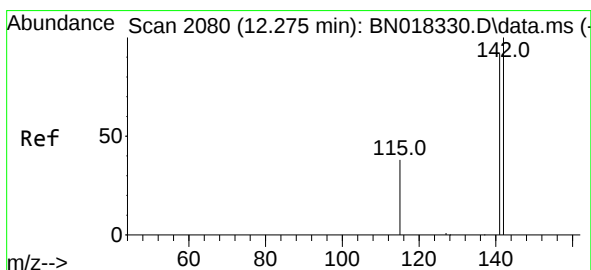
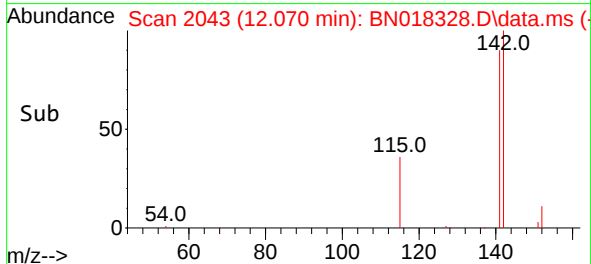
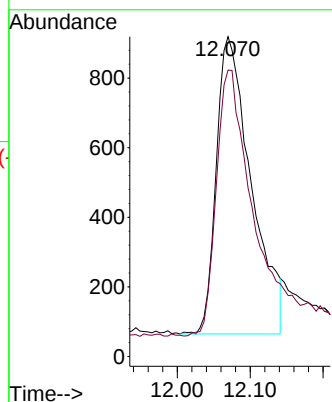
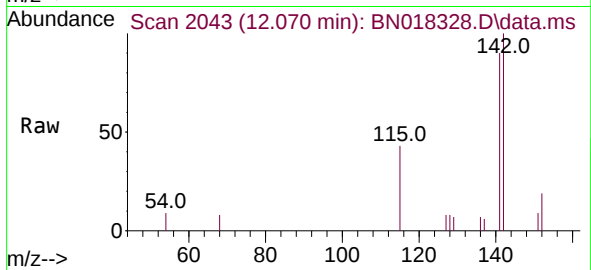




#7
2-Methylnaphthalene
Concen: 0.075 ng/ul
RT: 12.070 min Scan# 2043
Delta R.T. 0.009 min
Lab File: BN018328.D
Acq: 04 Jan 2022 10:07

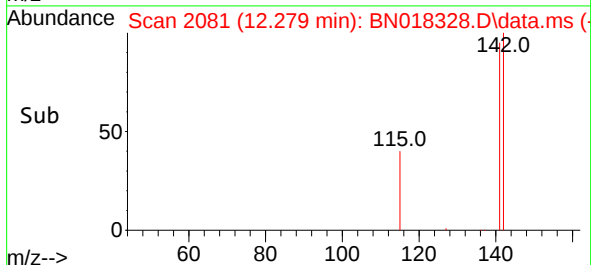
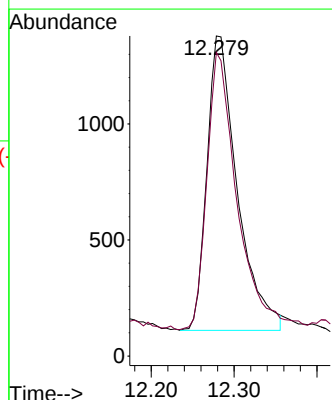
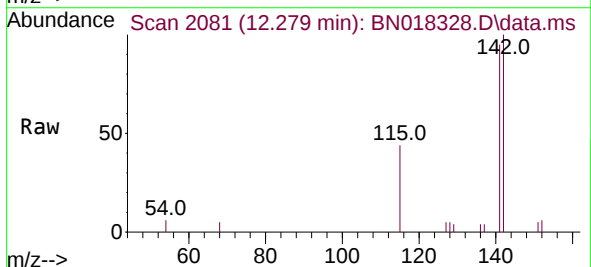
Instrument :
BNA_N
ClientSampleId :
SSTD0.1215

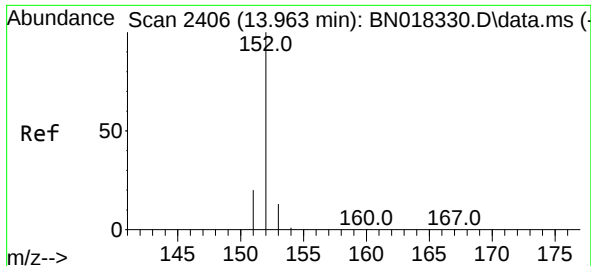
Tgt Ion:142 Resp: 2841
Ion Ratio Lower Upper
142 100
141 89.7 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.085 ng/ul
RT: 12.279 min Scan# 2081
Delta R.T. 0.004 min
Lab File: BN018328.D
Acq: 04 Jan 2022 10:07

Tgt Ion:142 Resp: 3230
Ion Ratio Lower Upper
142 100
141 92.1 73.2 109.8

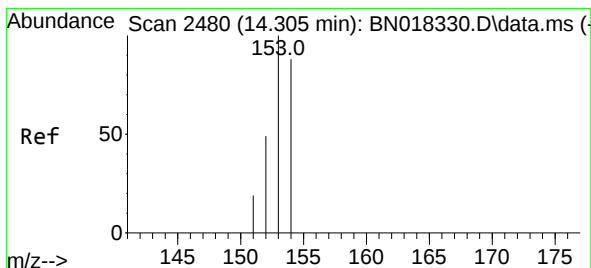
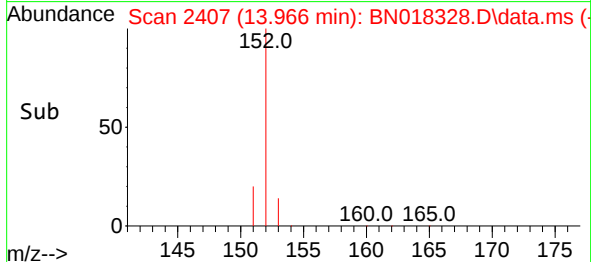
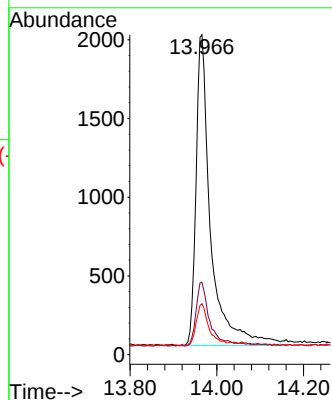
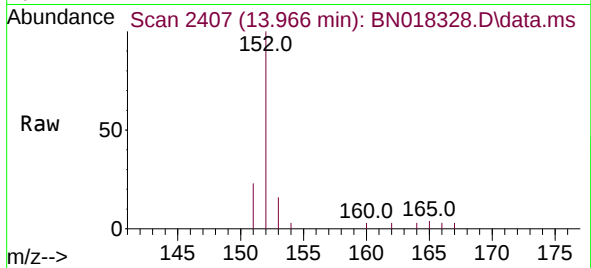




#10
Acenaphthylene
Concen: 0.091 ng/ul
RT: 13.966 min Scan# 2407
Delta R.T. 0.003 min
Lab File: BN018328.D
Acq: 04 Jan 2022 10:07

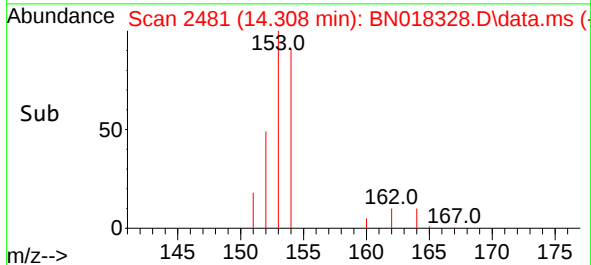
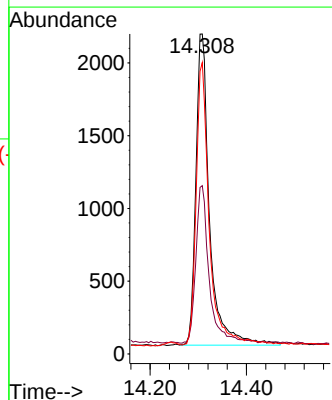
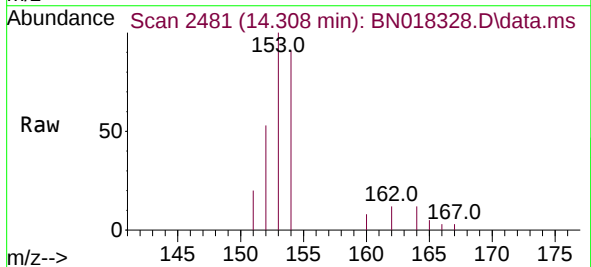
Instrument :
BNA_N
ClientSampleId :
SSTD0.1215

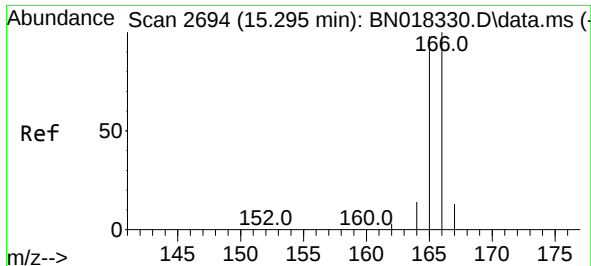
Tgt Ion:152 Resp: 4622
Ion Ratio Lower Upper
152 100
151 22.5 15.8 23.8
153 15.9 10.7 16.1



#11
Acenaphthene
Concen: 0.105 ng/ul
RT: 14.308 min Scan# 2481
Delta R.T. 0.003 min
Lab File: BN018328.D
Acq: 04 Jan 2022 10:07

Tgt Ion:153 Resp: 4267
Ion Ratio Lower Upper
153 100
152 52.6 39.7 59.5
154 91.0 70.9 106.3

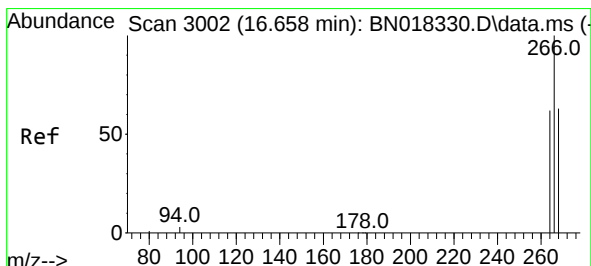
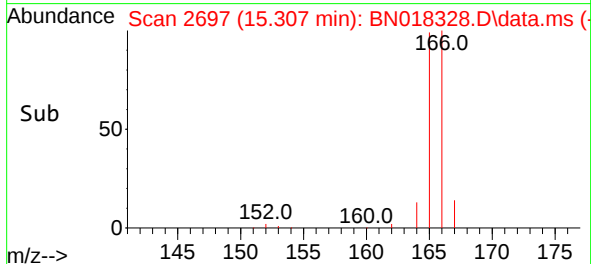
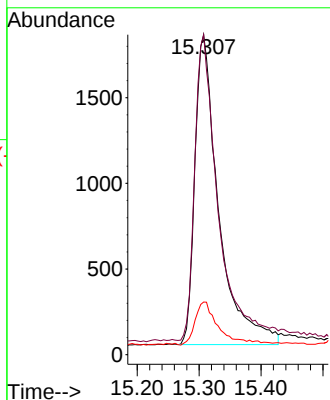
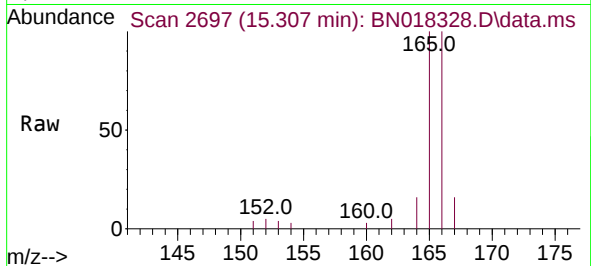




#12
Fluorene
Concen: 0.096 ng/ul
RT: 15.307 min Scan# 2697
Delta R.T. 0.012 min
Lab File: BN018328.D
Acq: 04 Jan 2022 10:07

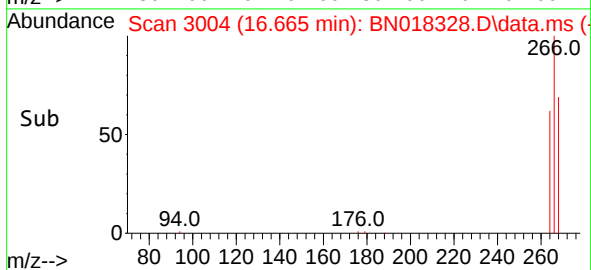
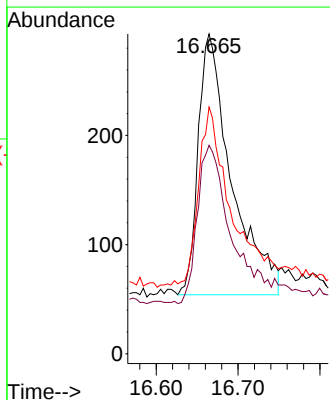
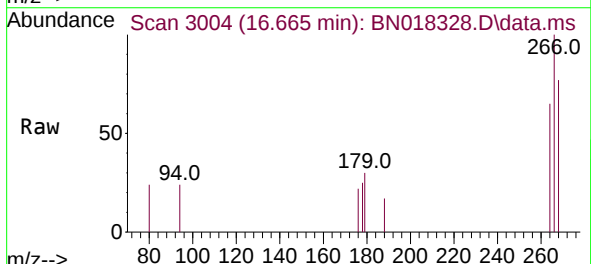
Instrument :
BNA_N
ClientSampleId :
SSTD0.1215

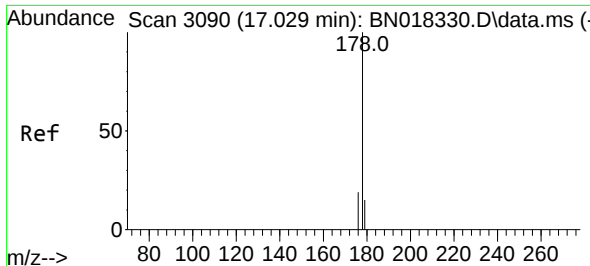
Tgt Ion:166 Resp: 4847
Ion Ratio Lower Upper
166 100
165 100.0 77.8 116.6
167 16.4 11.6 17.4



#14
Pentachlorophenol
Concen: 0.068 ng/ul
RT: 16.665 min Scan# 3004
Delta R.T. 0.007 min
Lab File: BN018328.D
Acq: 04 Jan 2022 10:07

Tgt Ion:266 Resp: 675
Ion Ratio Lower Upper
266 100
264 63.1 49.9 74.9
268 69.0 51.7 77.5

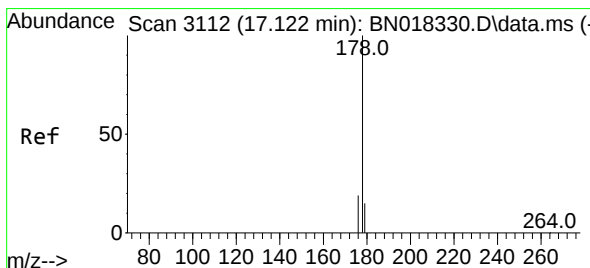
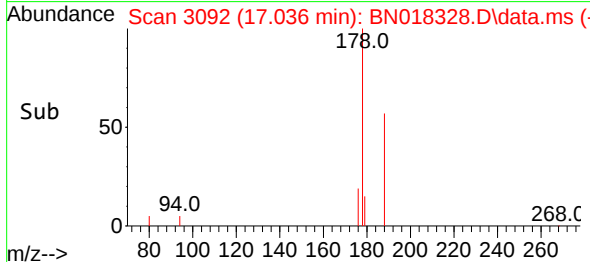
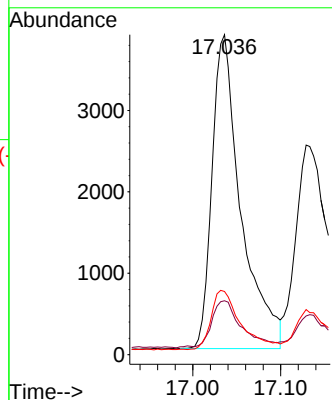
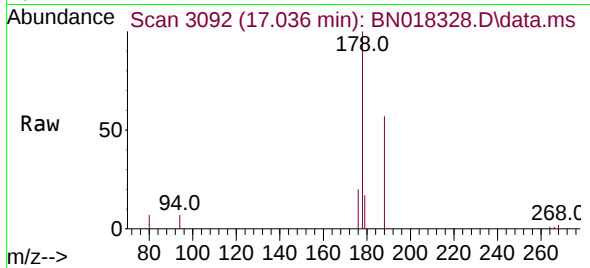




#15
Phenanthrene
Concen: 0.106 ng/ul
RT: 17.036 min Scan# 3092
Delta R.T. 0.007 min
Lab File: BN018328.D
Acq: 04 Jan 2022 10:07

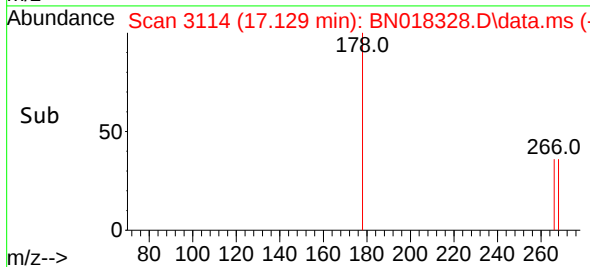
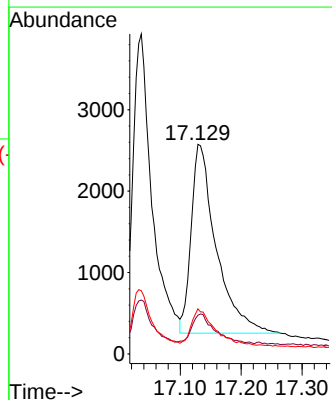
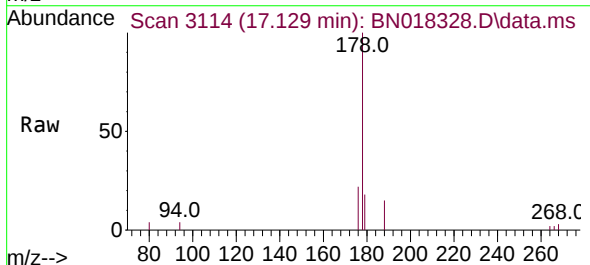
Instrument :
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ClientSampleId :
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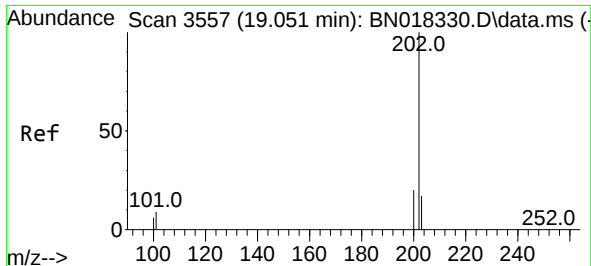
Tgt Ion:178 Resp: 8796
Ion Ratio Lower Upper
178 100
179 16.8 12.2 18.4
176 19.8 15.4 23.2



#16
Anthracene
Concen: 0.089 ng/ul
RT: 17.129 min Scan# 3114
Delta R.T. 0.007 min
Lab File: BN018328.D
Acq: 04 Jan 2022 10:07

Tgt Ion:178 Resp: 6648
Ion Ratio Lower Upper
178 100
179 18.5 12.3 18.5#
176 21.5 15.5 23.3

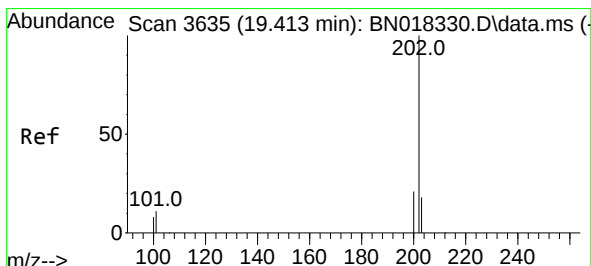
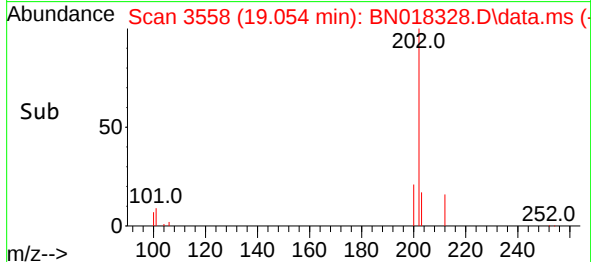
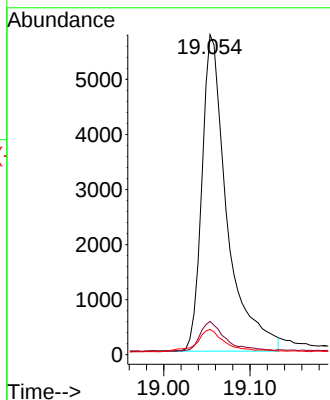
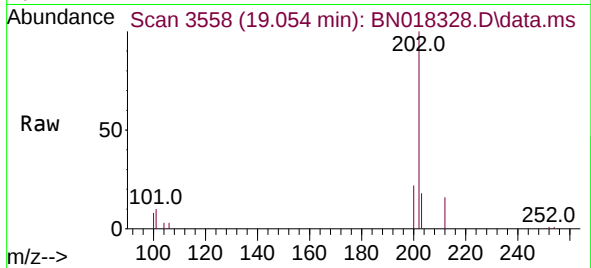




#19
Fluoranthene
Concen: 0.094 ng/ul
RT: 19.054 min Scan# 3557
Delta R.T. 0.003 min
Lab File: BN018328.D
Acq: 04 Jan 2022 10:07

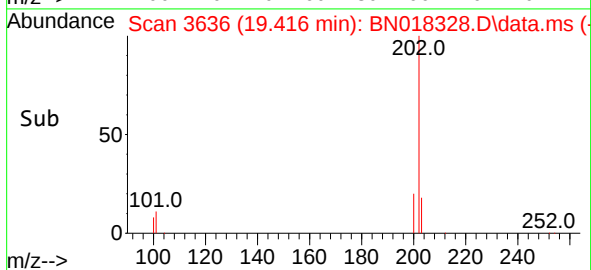
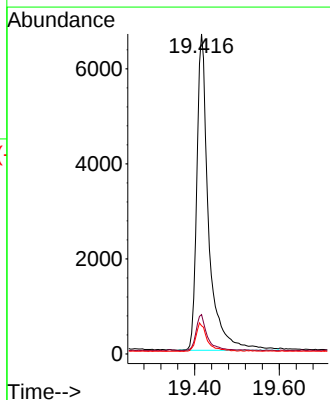
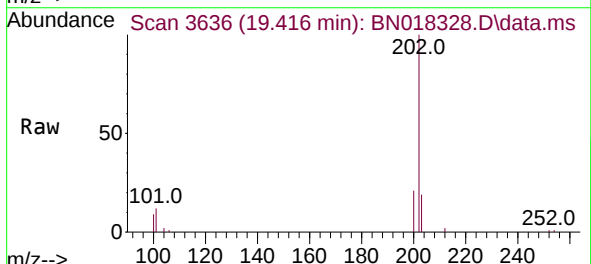
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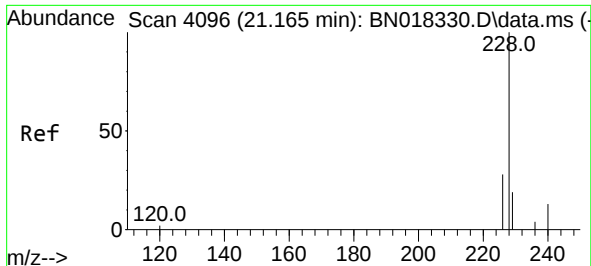
Tgt Ion:202 Resp: 11657
Ion Ratio Lower Upper
202 100
101 10.4 7.5 11.3
100 7.9 5.4 8.2



#20
Pyrene
Concen: 0.099 ng/ul
RT: 19.416 min Scan# 3636
Delta R.T. 0.003 min
Lab File: BN018328.D
Acq: 04 Jan 2022 10:07

Tgt Ion:202 Resp: 12912
Ion Ratio Lower Upper
202 100
101 12.3 9.0 13.4
100 8.8 7.0 10.4

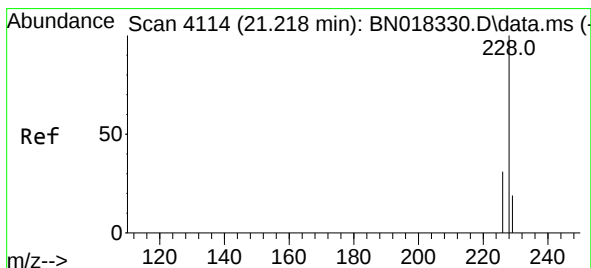
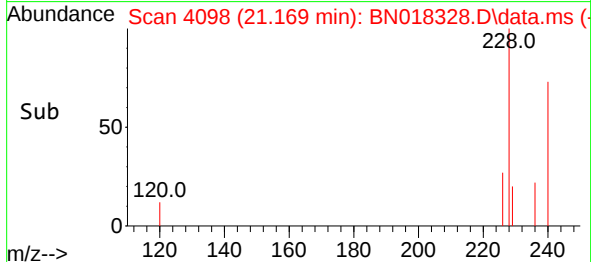
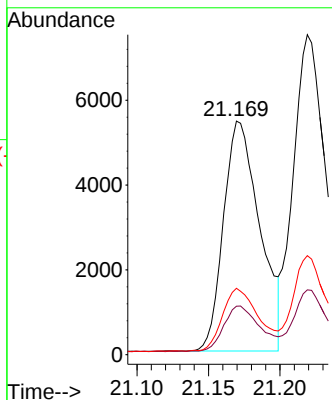
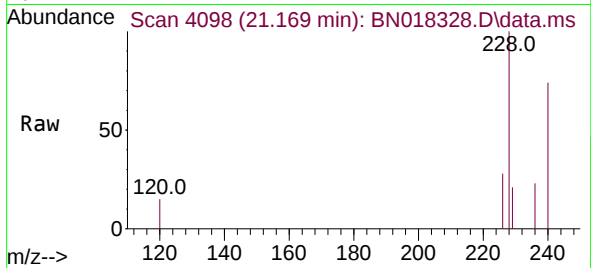




#21
Benzo(a)anthracene
Concen: 0.081 ng/ul
RT: 21.169 min Scan# 4096
Delta R.T. 0.004 min
Lab File: BN018328.D
Acq: 04 Jan 2022 10:07

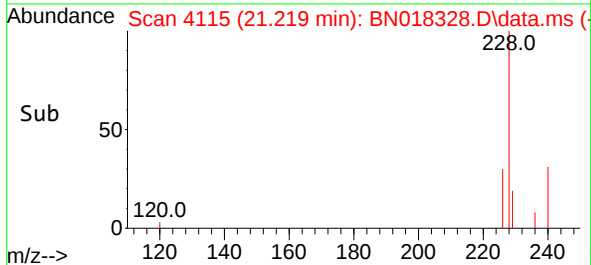
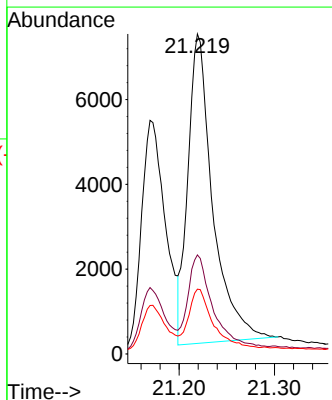
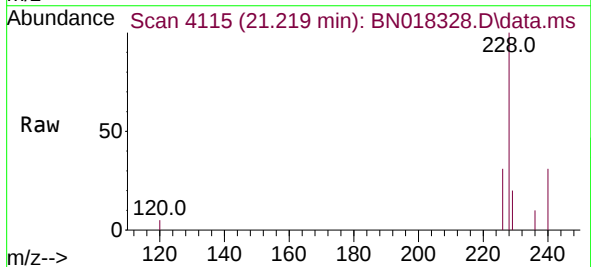
Instrument :
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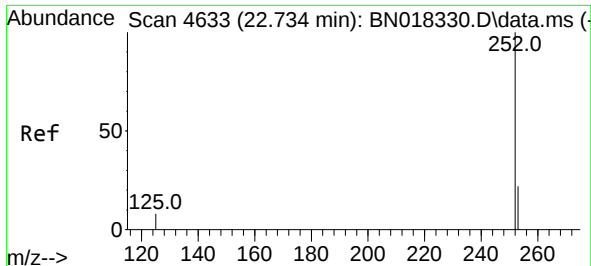
Tgt Ion:228 Resp: 9613
Ion Ratio Lower Upper
228 100
229 20.8 15.6 23.4
226 28.4 22.1 33.1



#22
Chrysene
Concen: 0.102 ng/ul
RT: 21.219 min Scan# 4115
Delta R.T. 0.001 min
Lab File: BN018328.D
Acq: 04 Jan 2022 10:07

Tgt Ion:228 Resp: 13153
Ion Ratio Lower Upper
228 100
226 31.0 24.2 36.4
229 20.3 15.7 23.5

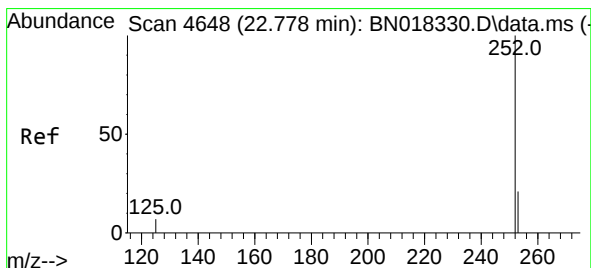
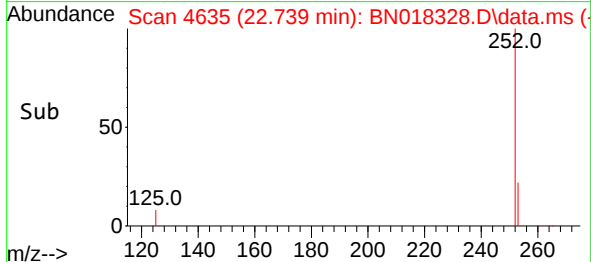
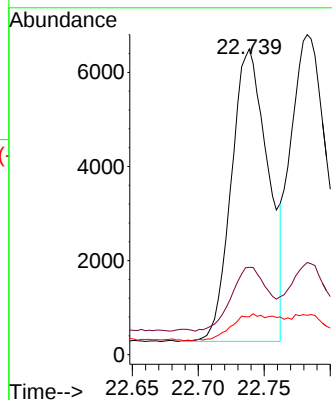
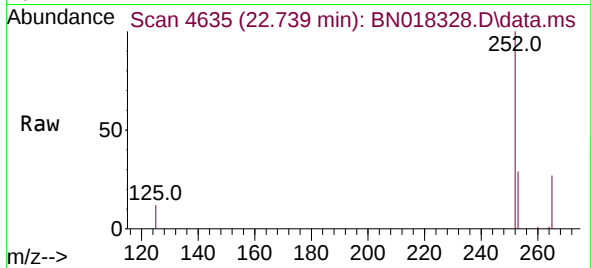




#24
Benzo(b)fluoranthene
Concen: 0.095 ng/ul
RT: 22.739 min Scan# 4633
Delta R.T. 0.004 min
Lab File: BN018328.D
Acq: 04 Jan 2022 10:07

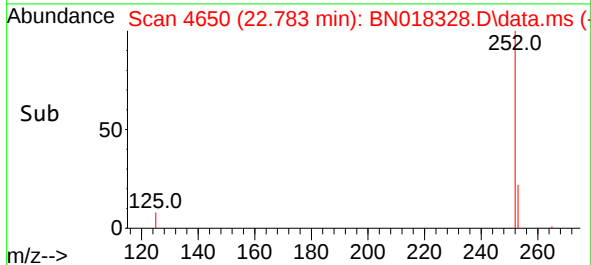
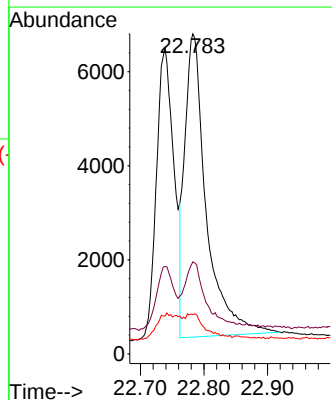
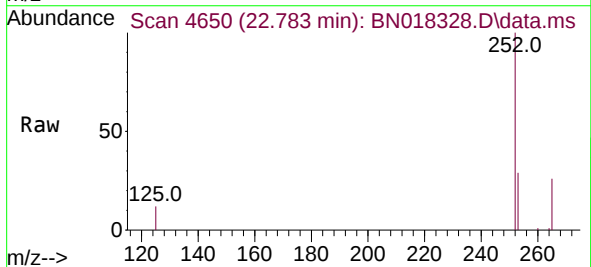
Instrument :
BNA_N
ClientSampleId :
SSTD0.1215

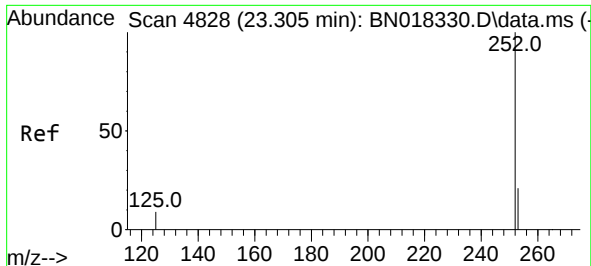
Tgt Ion:252	Resp:	12041
Ion Ratio	Lower	Upper
252	100	
253	28.6	0.0 46.4
125	12.4	0.0 17.8



#25
Benzo(k)fluoranthene
Concen: 0.104 ng/ul
RT: 22.783 min Scan# 4650
Delta R.T. 0.004 min
Lab File: BN018328.D
Acq: 04 Jan 2022 10:07

Tgt Ion:252	Resp:	15157
Ion Ratio	Lower	Upper
252	100	
253	28.8	18.6 28.0#
125	12.3	7.3 10.9#

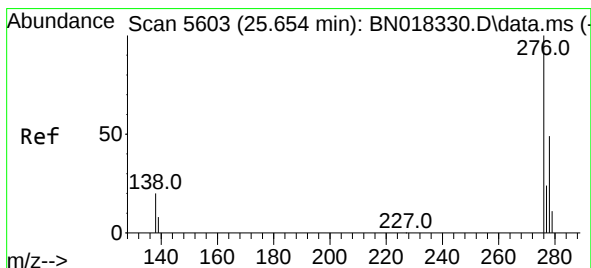
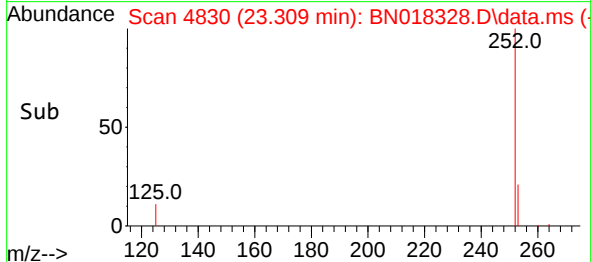
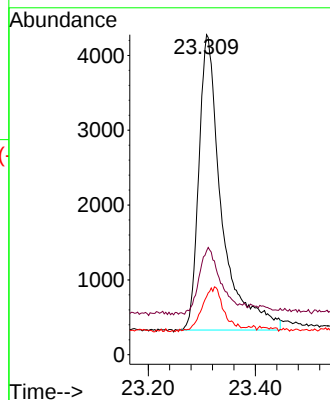
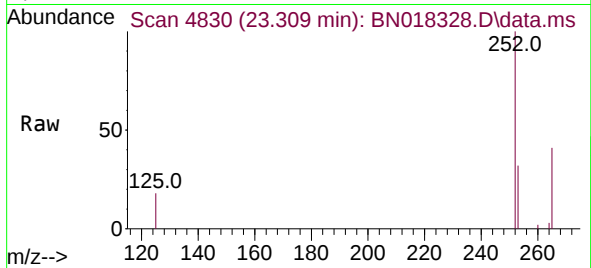




#26
Benzo(a)pyrene
Concen: 0.096 ng/ul
RT: 23.309 min Scan# 4828
Delta R.T. 0.004 min
Lab File: BN018328.D
Acq: 04 Jan 2022 10:07

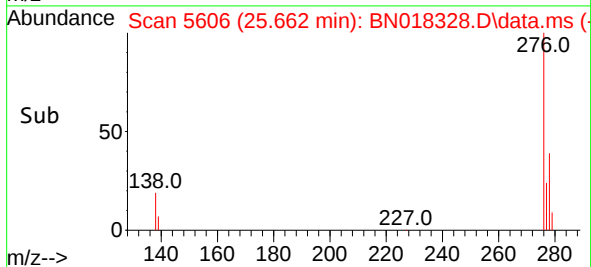
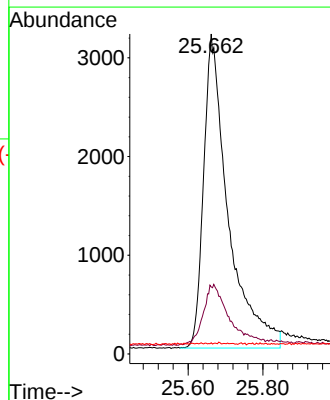
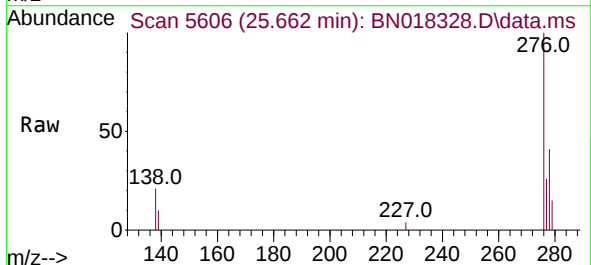
Instrument :
BNA_N
ClientSampleId :
SSTD0.1215

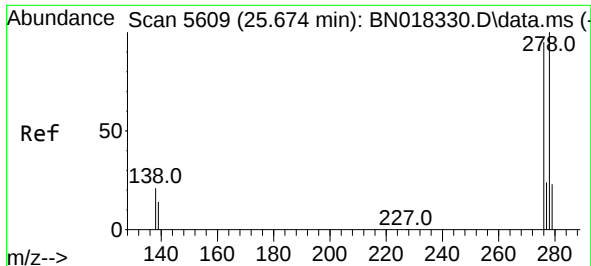
Tgt Ion:252 Resp: 11624
Ion Ratio Lower Upper
252 100
253 32.5 18.9 28.3#
125 18.1 8.2 12.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.094 ng/ul
RT: 25.662 min Scan# 5606
Delta R.T. 0.008 min
Lab File: BN018328.D
Acq: 04 Jan 2022 10:07

Tgt Ion:276 Resp: 14485
Ion Ratio Lower Upper
276 100
138 20.7 16.5 24.7
227 0.0 0.1 0.1#

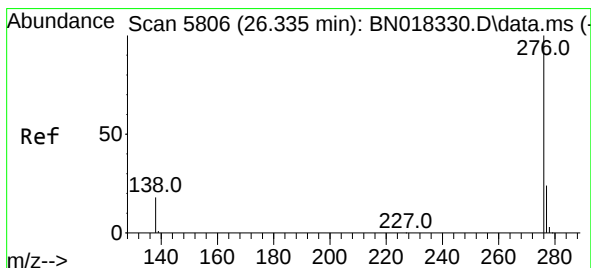
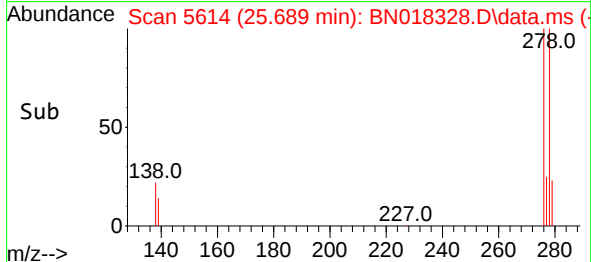
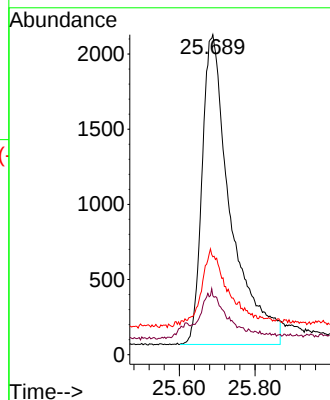
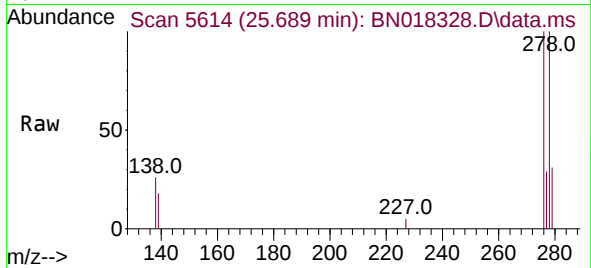




#28
 Dibenzo(a,h)anthracene
 Concen: 0.091 ng/ul
 RT: 25.689 min Scan# 5614
 Delta R.T. 0.015 min
 Lab File: BN018328.D
 Acq: 04 Jan 2022 10:07

Instrument :
 BNA_N
 ClientSampleId :
 SST00.1215

Tgt Ion:278 Resp: 10758
 Ion Ratio Lower Upper
 278 100
 139 18.4 11.9 17.9#
 279 30.6 19.5 29.3#



#29
 Benzo(g,h,i)perylene
 Concen: 0.101 ng/ul
 RT: 26.346 min Scan# 5810
 Delta R.T. 0.011 min
 Lab File: BN018328.D
 Acq: 04 Jan 2022 10:07

Tgt Ion:276 Resp: 13254
 Ion Ratio Lower Upper
 276 100
 138 19.7 14.4 21.6
 277 25.2 19.2 28.8

