

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021122\
 Data File : BN018591.D
 Acq On : 11 Feb 2022 11:39
 Operator : CG/JU
 Sample : SST0.445
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.4245

Quant Time: Feb 11 13:39:42 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN021122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 11 13:38:34 2022
 Response via : Initial Calibration

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

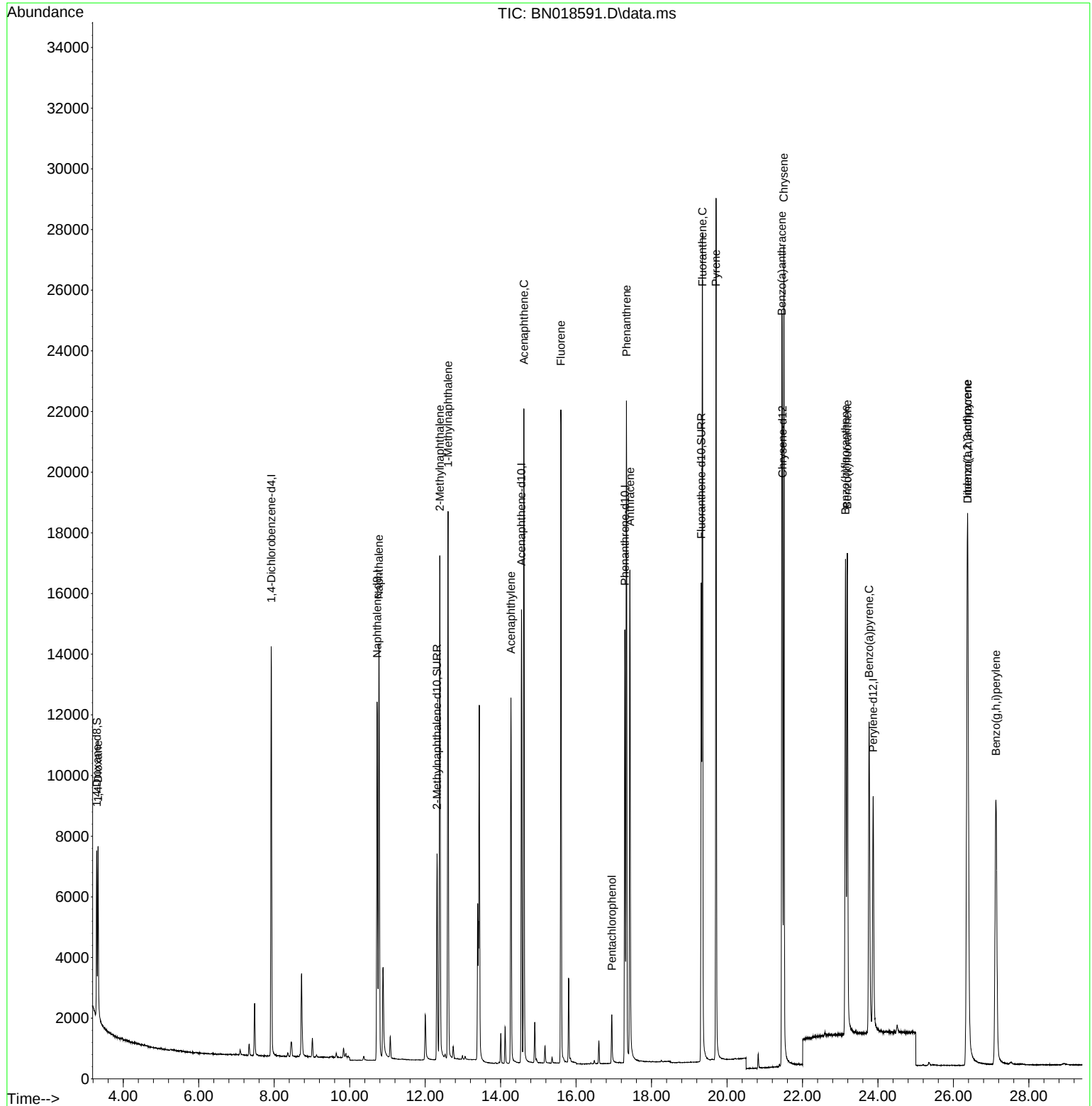
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.921	152	6935	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	16318	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.553	164	8193	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.293	188	16570	0.400	ng/ul	0.00
17) Chrysene-d12	21.471	240	13228	0.400	ng/ul	# 0.00
23) Perylene-d12	23.874	264	10970	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	3564	0.448	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.315	152	9052	0.407	ng/ul	0.00
18) Fluoranthene-d10	19.318	212	17143	0.453	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.331	88	3740	0.434	ng/ul#	77
5) Naphthalene	10.776	128	19330	0.426	ng/ul	99
7) 2-Methylnaphthalene	12.387	142	12327	0.426	ng/ul	100
8) 1-Methylnaphthalene	12.607	142	12430	0.418	ng/ul	100
10) Acenaphthylene	14.275	152	14264	0.438	ng/ul	99
11) Acenaphthene	14.617	153	12555	0.439	ng/ul	100
12) Fluorene	15.598	166	13904	0.450	ng/ul	97
14) Pentachlorophenol	16.947	266	1209	0.391	ng/ul	98
15) Phenanthrene	17.335	178	23317	0.430	ng/ul	99
16) Anthracene	17.428	178	19120	0.440	ng/ul	99
19) Fluoranthene	19.350	202	24667	0.470	ng/ul#	95
20) Pyrene	19.708	202	24509	0.453	ng/ul#	92
21) Benzo(a)anthracene	21.454	228	19241	0.457	ng/ul	100
22) Chrysene	21.506	228	23257	0.452	ng/ul	99
24) Benzo(b)fluoranthene	23.140	252	21442	0.445	ng/ul	97
25) Benzo(k)fluoranthene	23.187	252	22858	0.453	ng/ul#	97
26) Benzo(a)pyrene	23.766	252	17734	0.456	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	26.367	276	24364	0.474	ng/ul#	81
28) Dibenzo(a,h)anthracene	26.381	278	19374	0.483	ng/ul#	93
29) Benzo(g,h,i)perylene	27.129	276	20856	0.456	ng/ul#	91

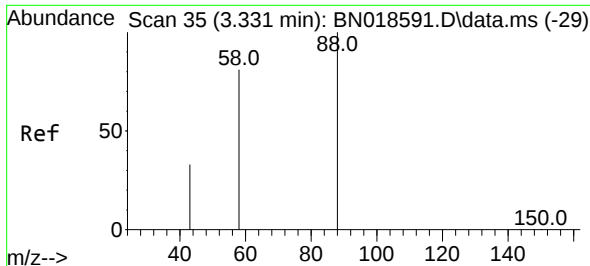
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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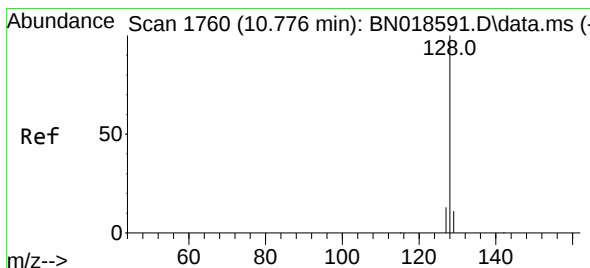
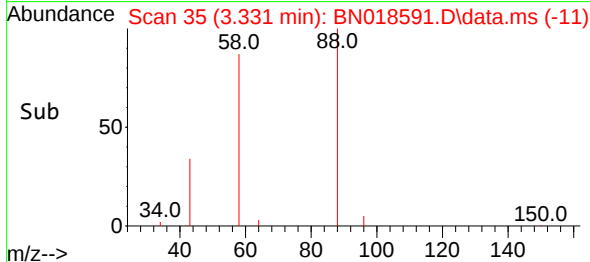
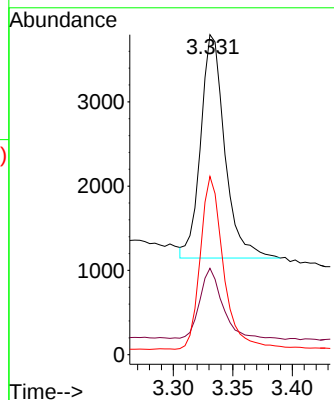
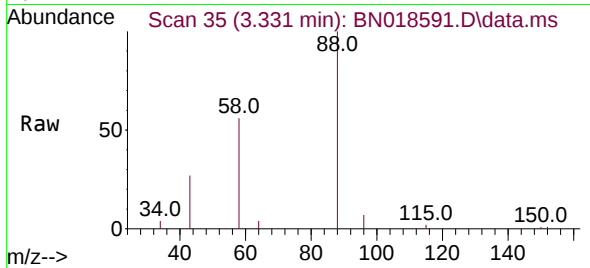




#2
 1,4-Dioxane
 Concen: 0.434 ng/ul
 RT: 3.331 min Scan# 35
 Delta R.T. 0.000 min
 Lab File: BN018591.D
 Acq: 11 Feb 2022 11:39

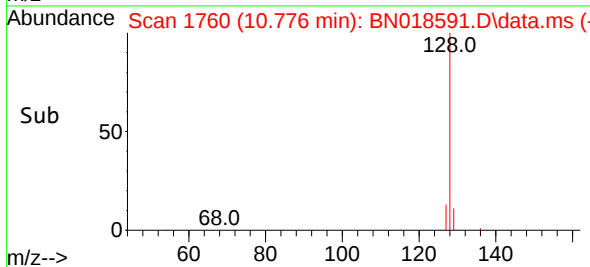
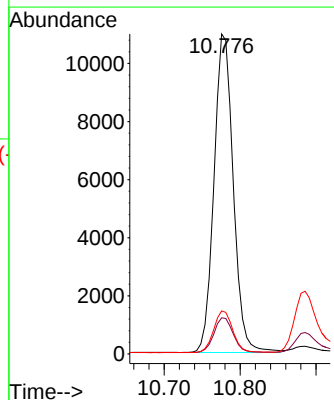
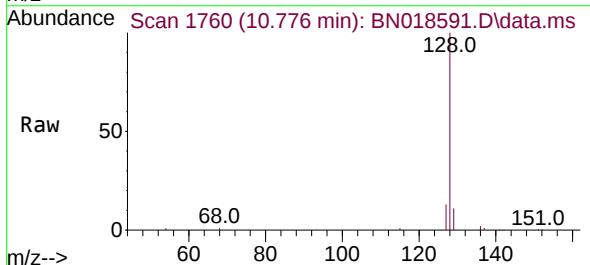
Instrument :
 BNA_N
 ClientSampleId :
 SST00.4245

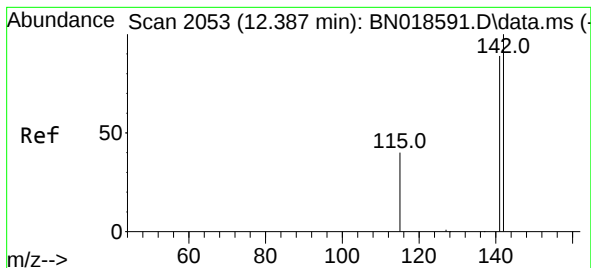
Tgt Ion: 88 Resp: 3740
 Ion Ratio Lower Upper
 88 100
 43 27.0 47.8 71.8#
 58 55.7 46.2 69.2



#5
 Naphthalene
 Concen: 0.426 ng/ul
 RT: 10.776 min Scan# 1760
 Delta R.T. 0.000 min
 Lab File: BN018591.D
 Acq: 11 Feb 2022 11:39

Tgt Ion: 128 Resp: 19330
 Ion Ratio Lower Upper
 128 100
 129 11.3 9.4 14.0
 127 13.5 11.0 16.6

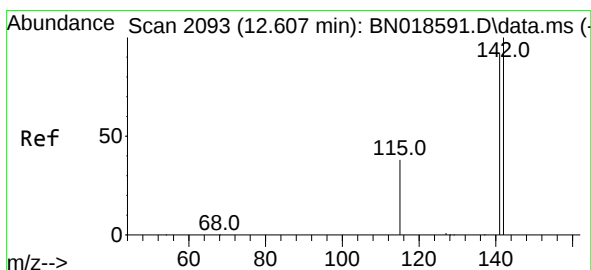
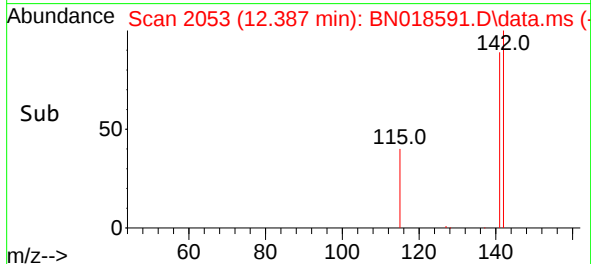
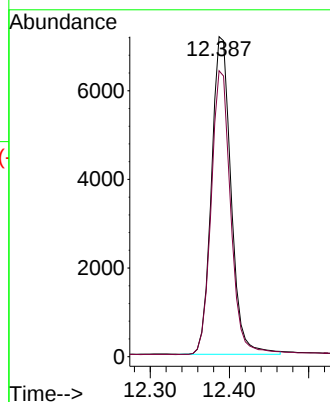
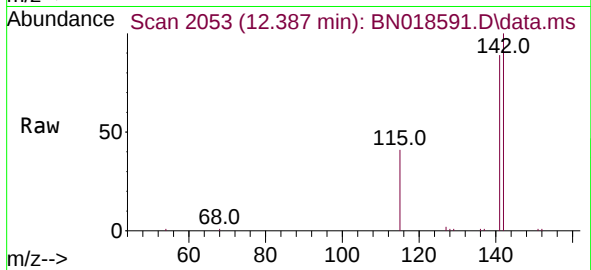




#7
2-Methylnaphthalene
Concen: 0.426 ng/ul
RT: 12.387 min Scan# 2053
Delta R.T. 0.000 min
Lab File: BN018591.D
Acq: 11 Feb 2022 11:39

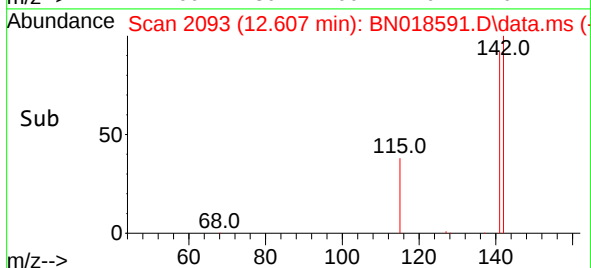
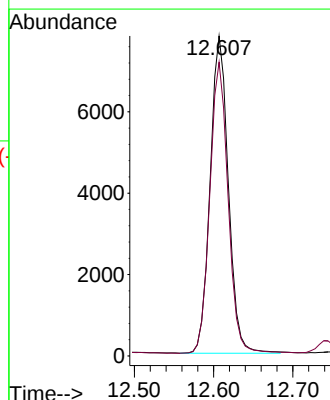
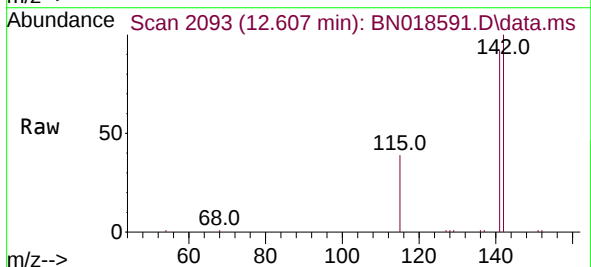
Instrument :
BNA_N
ClientSampleId :
SSTD0.4245

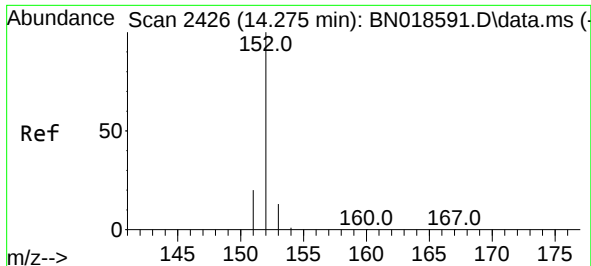
Tgt Ion:142 Resp: 12327
Ion Ratio Lower Upper
142 100
141 88.8 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.418 ng/ul
RT: 12.607 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BN018591.D
Acq: 11 Feb 2022 11:39

Tgt Ion:142 Resp: 12430
Ion Ratio Lower Upper
142 100
141 92.0 73.2 109.8

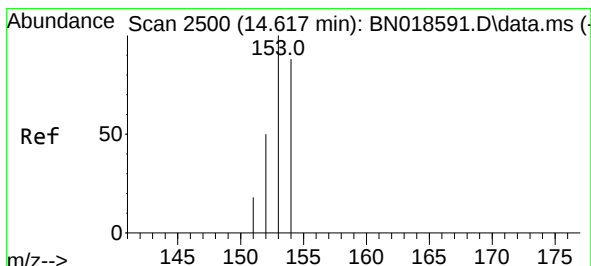
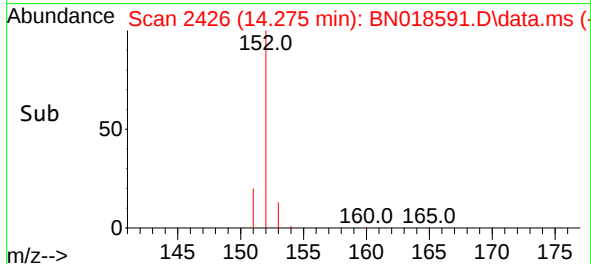
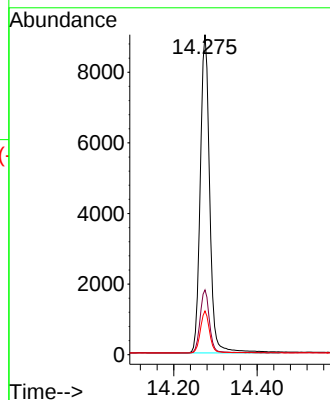
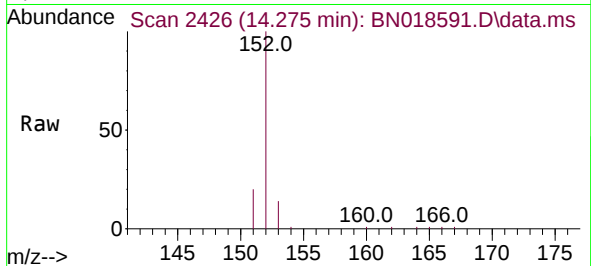




#10
Acenaphthylene
Concen: 0.438 ng/ul
RT: 14.275 min Scan# 2426
Delta R.T. 0.000 min
Lab File: BN018591.D
Acq: 11 Feb 2022 11:39

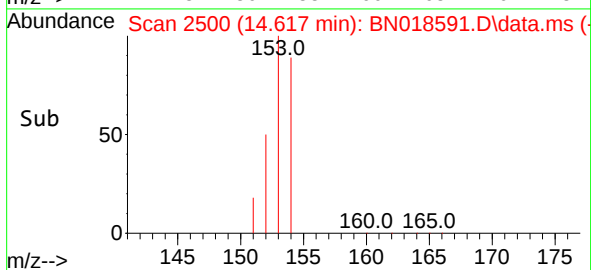
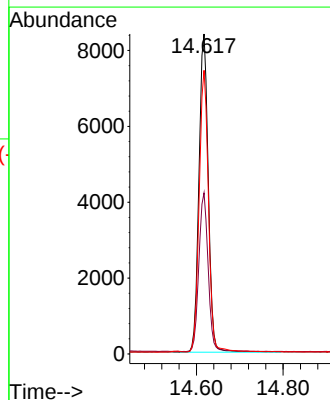
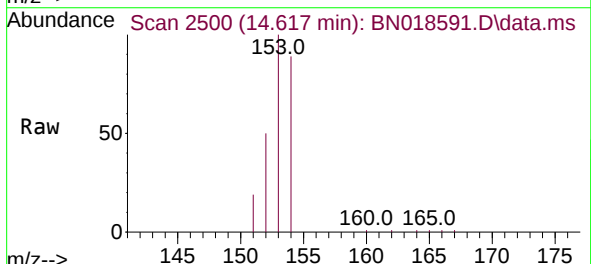
Instrument :
BNA_N
ClientSampleId :
SSTD0.4245

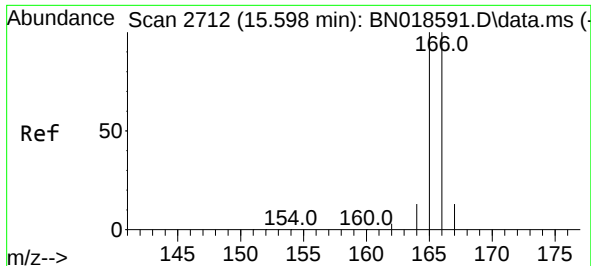
Tgt Ion:152	Resp:	14264
Ion Ratio	Lower	Upper
152	100	
151	20.2	15.8 23.8
153	13.7	10.7 16.1



#11
Acenaphthene
Concen: 0.439 ng/ul
RT: 14.617 min Scan# 2500
Delta R.T. 0.000 min
Lab File: BN018591.D
Acq: 11 Feb 2022 11:39

Tgt Ion:153	Resp:	12555
Ion Ratio	Lower	Upper
153	100	
152	50.4	39.7 59.5
154	88.6	70.9 106.3

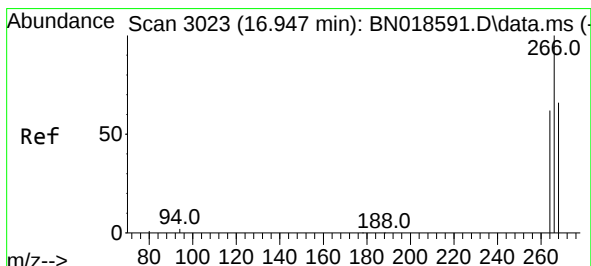
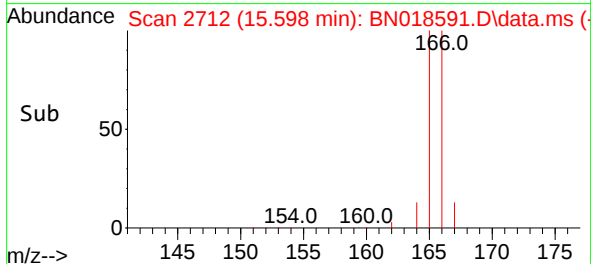
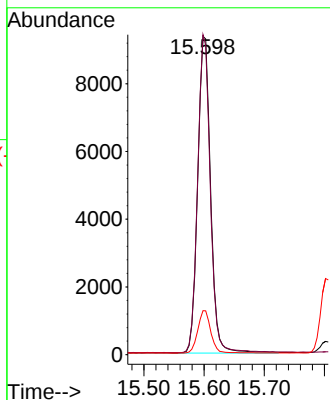
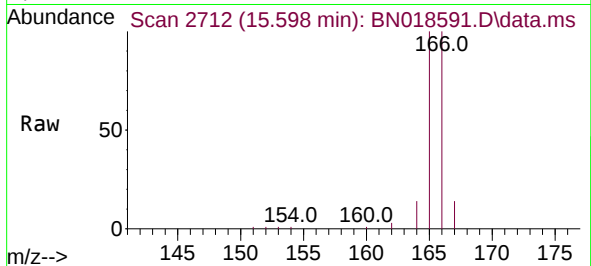




#12
Fluorene
Concen: 0.450 ng/ul
RT: 15.598 min Scan# 2712
Delta R.T. 0.000 min
Lab File: BN018591.D
Acq: 11 Feb 2022 11:39

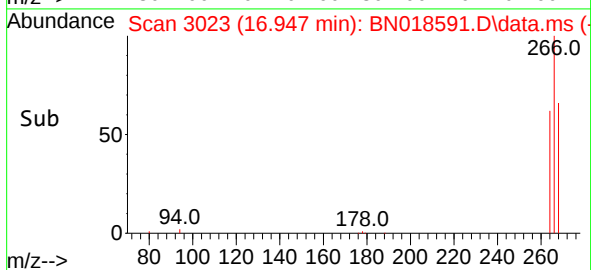
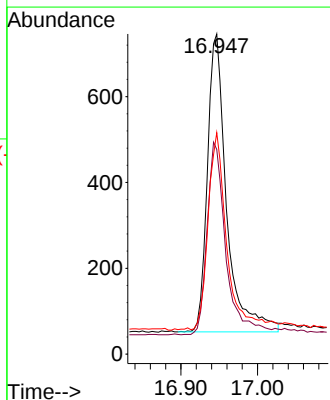
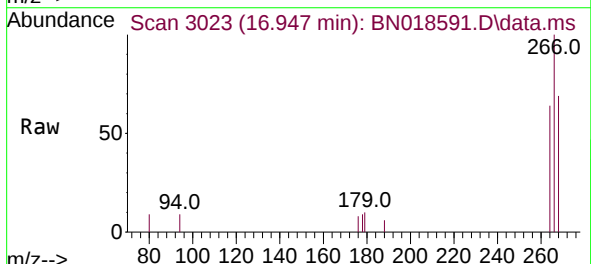
Instrument :
BNA_N
ClientSampleId :
SSTD0.4245

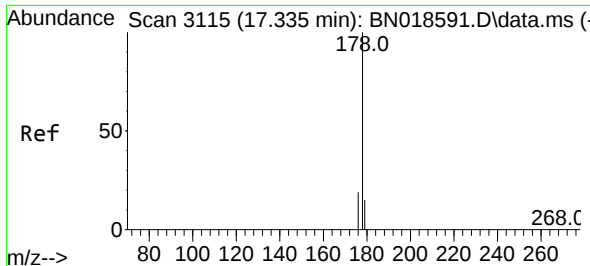
Tgt Ion:166 Resp: 13904
Ion Ratio Lower Upper
166 100
165 100.5 77.8 116.6
167 13.8 11.6 17.4



#14
Pentachlorophenol
Concen: 0.391 ng/ul
RT: 16.947 min Scan# 3023
Delta R.T. 0.000 min
Lab File: BN018591.D
Acq: 11 Feb 2022 11:39

Tgt Ion:266 Resp: 1209
Ion Ratio Lower Upper
266 100
264 64.4 49.9 74.9
268 65.1 51.7 77.5

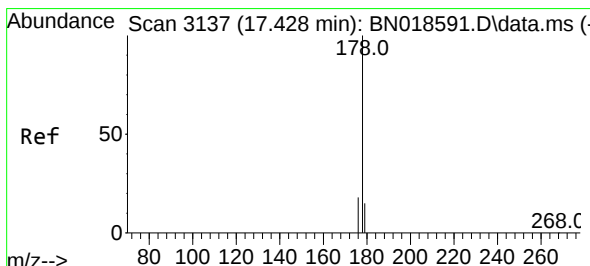
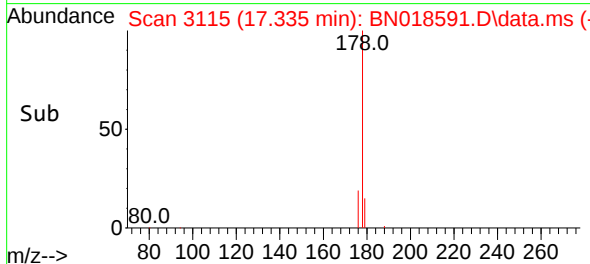
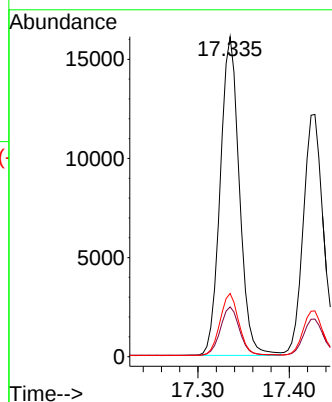
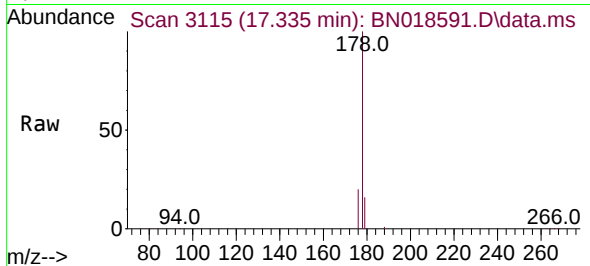




#15
Phenanthrene
Concen: 0.430 ng/ul
RT: 17.335 min Scan# 3115
Delta R.T. 0.000 min
Lab File: BN018591.D
Acq: 11 Feb 2022 11:39

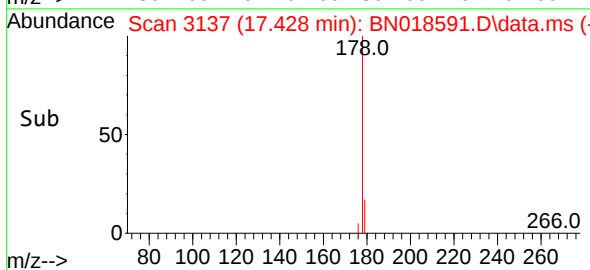
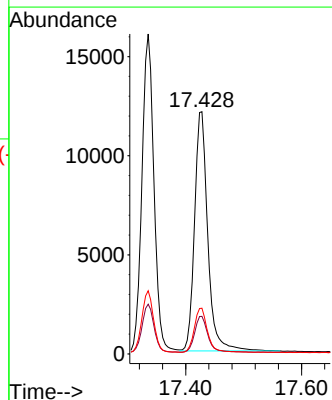
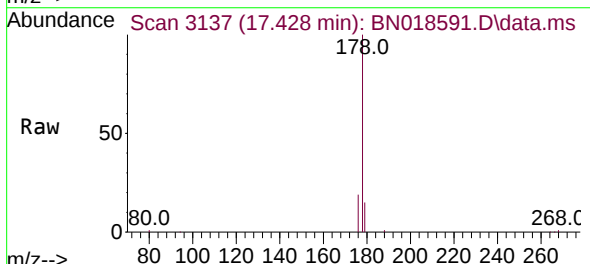
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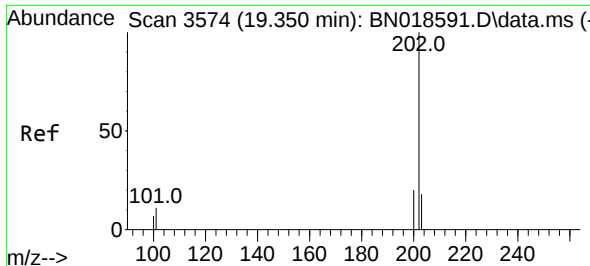
Tgt Ion:178 Resp: 23317
Ion Ratio Lower Upper
178 100
179 15.6 12.2 18.4
176 19.7 15.4 23.2



#16
Anthracene
Concen: 0.440 ng/ul
RT: 17.428 min Scan# 3137
Delta R.T. 0.000 min
Lab File: BN018591.D
Acq: 11 Feb 2022 11:39

Tgt Ion:178 Resp: 19120
Ion Ratio Lower Upper
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179 15.5 12.3 18.5
176 18.9 15.5 23.3

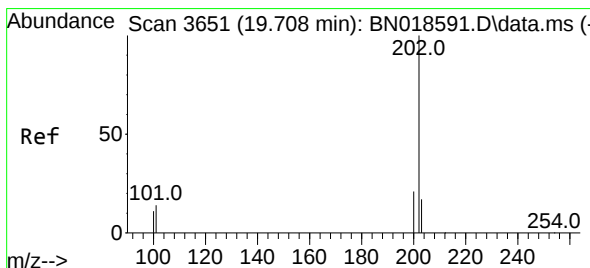
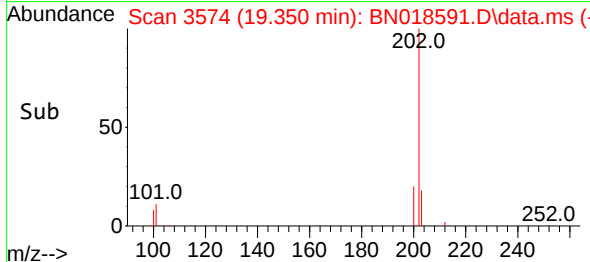
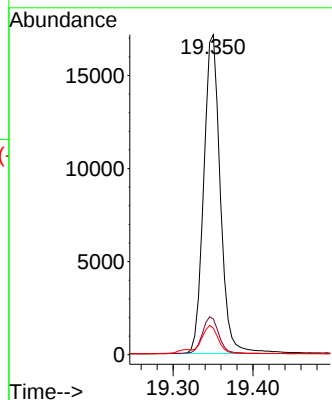
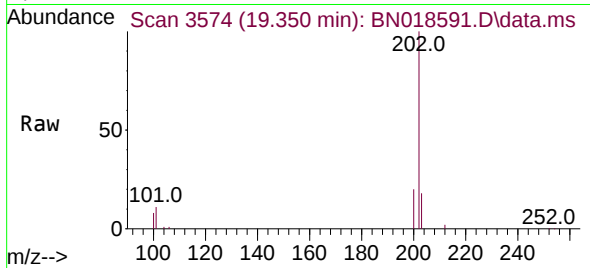




#19
Fluoranthene
Concen: 0.470 ng/ul
RT: 19.350 min Scan# 3574
Delta R.T. 0.000 min
Lab File: BN018591.D
Acq: 11 Feb 2022 11:39

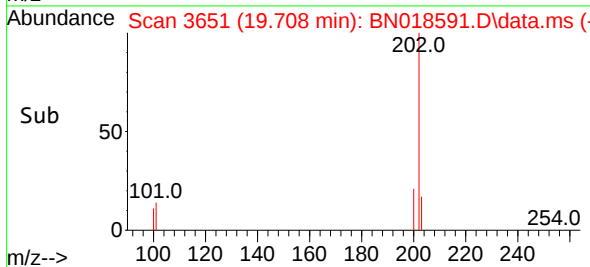
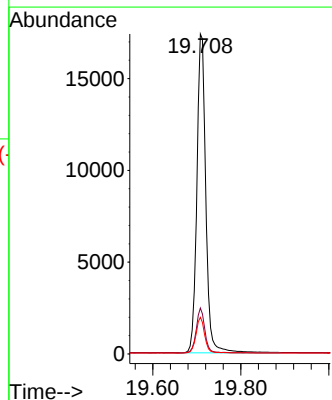
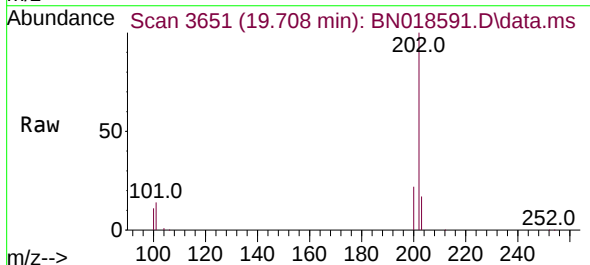
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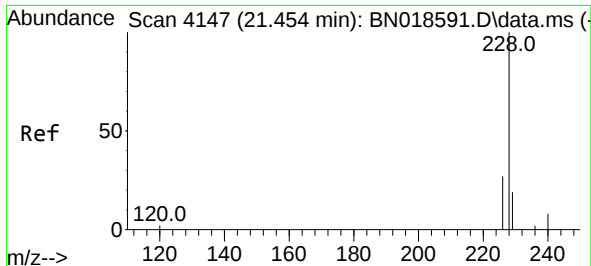
Tgt Ion:202 Resp: 24667
Ion Ratio Lower Upper
202 100
101 11.2 7.5 11.3
100 8.3 5.4 8.2#



#20
Pyrene
Concen: 0.453 ng/ul
RT: 19.708 min Scan# 3651
Delta R.T. 0.000 min
Lab File: BN018591.D
Acq: 11 Feb 2022 11:39

Tgt Ion:202 Resp: 24509
Ion Ratio Lower Upper
202 100
101 14.3 9.0 13.4#
100 11.5 7.0 10.4#

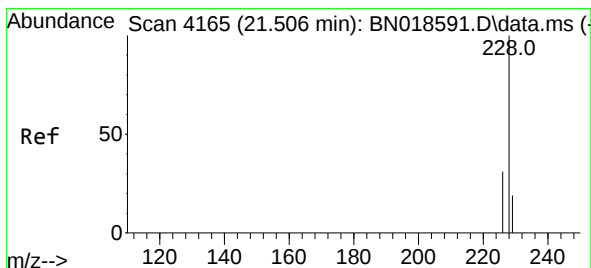
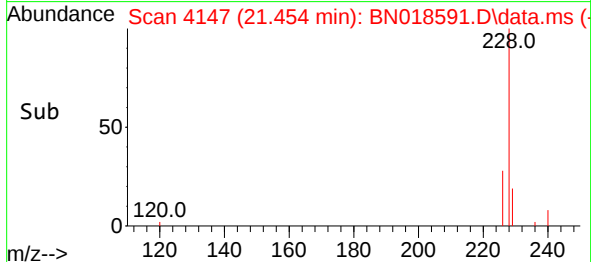
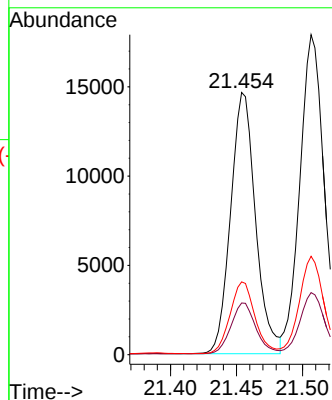
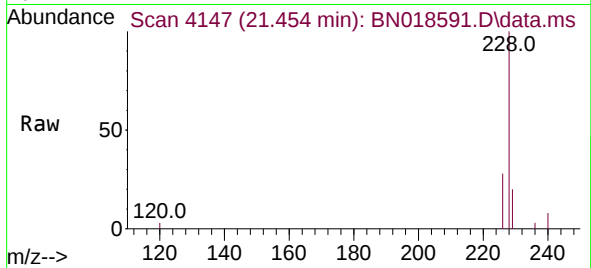




#21
Benzo(a)anthracene
Concen: 0.457 ng/ul
RT: 21.454 min Scan# 4147
Delta R.T. 0.000 min
Lab File: BN018591.D
Acq: 11 Feb 2022 11:39

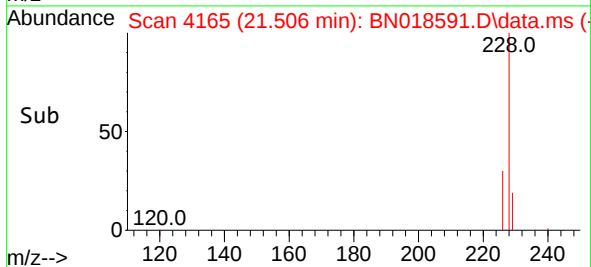
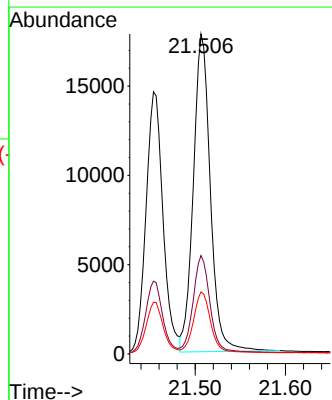
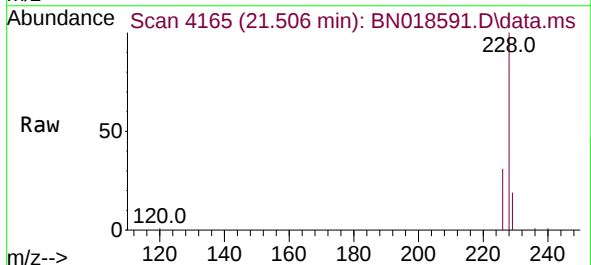
Instrument :
BNA_N
ClientSampleId :
SSTD0.4245

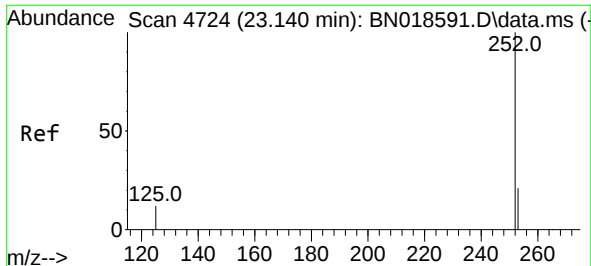
Tgt Ion:228 Resp: 19241
Ion Ratio Lower Upper
228 100
229 19.7 15.6 23.4
226 27.8 22.1 33.1



#22
Chrysene
Concen: 0.452 ng/ul
RT: 21.506 min Scan# 4165
Delta R.T. 0.000 min
Lab File: BN018591.D
Acq: 11 Feb 2022 11:39

Tgt Ion:228 Resp: 23257
Ion Ratio Lower Upper
228 100
226 30.7 24.2 36.4
229 19.4 15.7 23.5

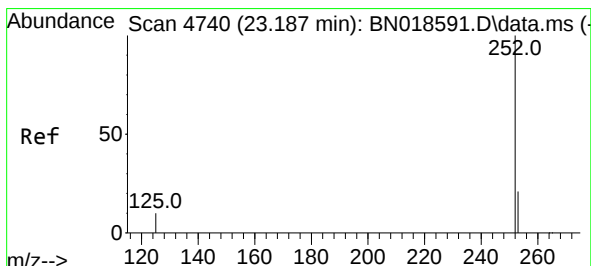
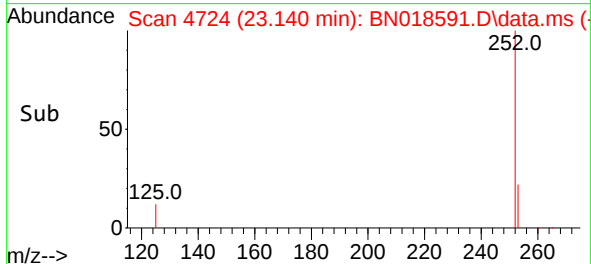
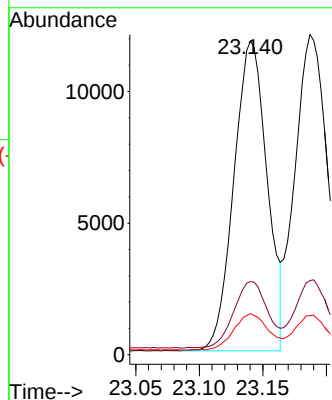
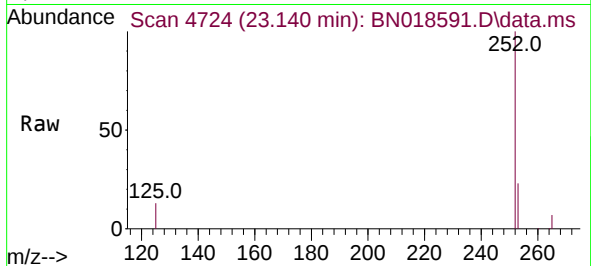




#24
Benzo(b)fluoranthene
Concen: 0.445 ng/ul
RT: 23.140 min Scan# 4724
Delta R.T. 0.000 min
Lab File: BN018591.D
Acq: 11 Feb 2022 11:39

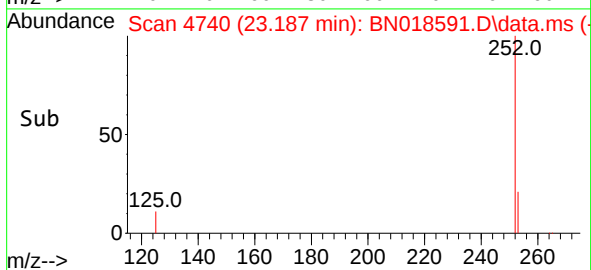
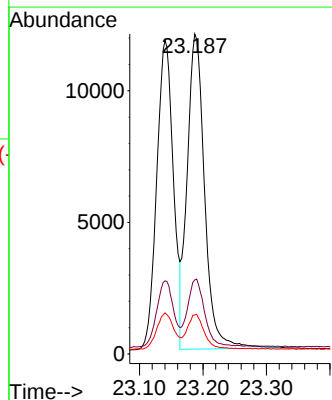
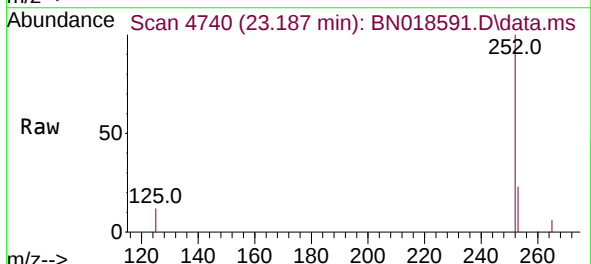
Instrument :
BNA_N
ClientSampleId :
SSTD0.4245

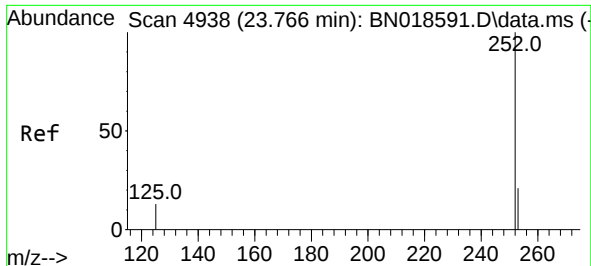
Tgt Ion:252 Resp: 21442
Ion Ratio Lower Upper
252 100
253 23.3 0.0 46.4
125 13.1 0.0 17.8



#25
Benzo(k)fluoranthene
Concen: 0.453 ng/ul
RT: 23.187 min Scan# 4740
Delta R.T. 0.000 min
Lab File: BN018591.D
Acq: 11 Feb 2022 11:39

Tgt Ion:252 Resp: 22858
Ion Ratio Lower Upper
252 100
253 23.2 18.6 28.0
125 12.2 7.3 10.9#

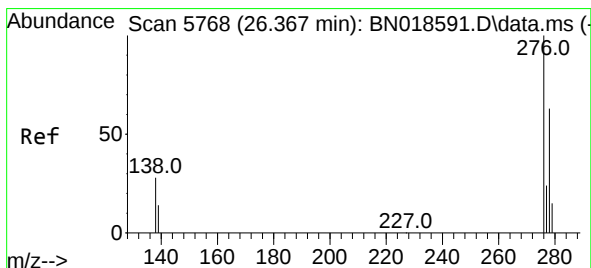
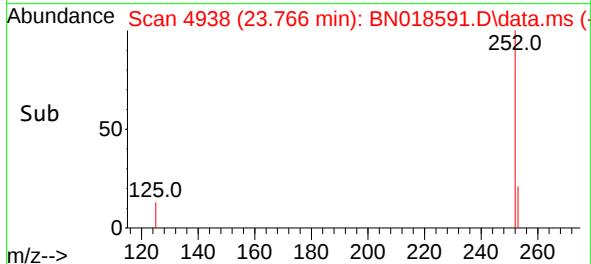
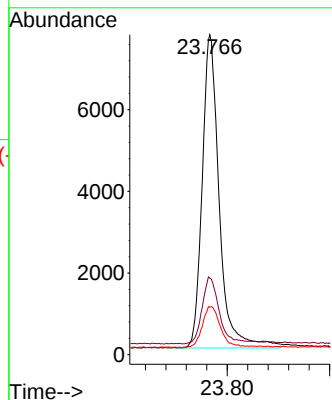
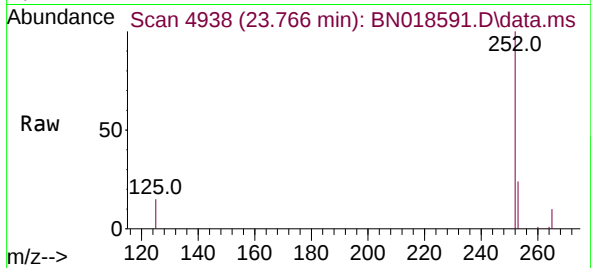




#26
Benzo(a)pyrene
Concen: 0.456 ng/ul
RT: 23.766 min Scan# 4938
Delta R.T. 0.000 min
Lab File: BN018591.D
Acq: 11 Feb 2022 11:39

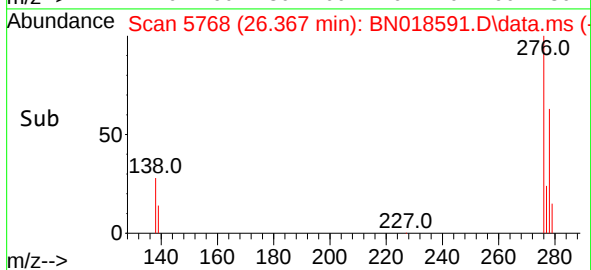
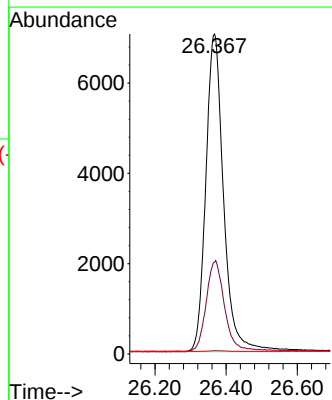
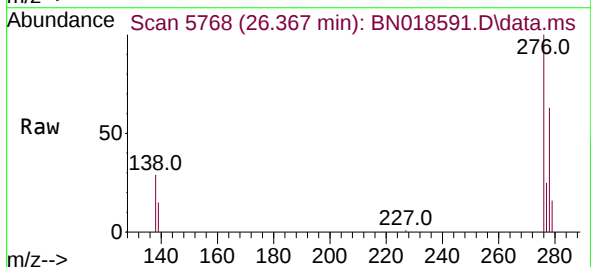
Instrument :
BNA_N
ClientSampleId :
SSTD0.4245

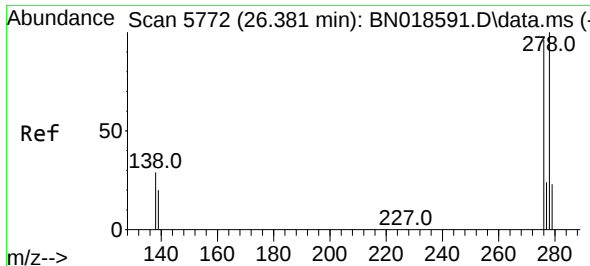
Tgt Ion:252 Resp: 17734
Ion Ratio Lower Upper
252 100
253 23.9 18.9 28.3
125 14.9 8.2 12.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.474 ng/ul
RT: 26.367 min Scan# 5768
Delta R.T. 0.000 min
Lab File: BN018591.D
Acq: 11 Feb 2022 11:39

Tgt Ion:276 Resp: 24364
Ion Ratio Lower Upper
276 100
138 29.5 16.5 24.7#
227 0.3 0.1 0.1#

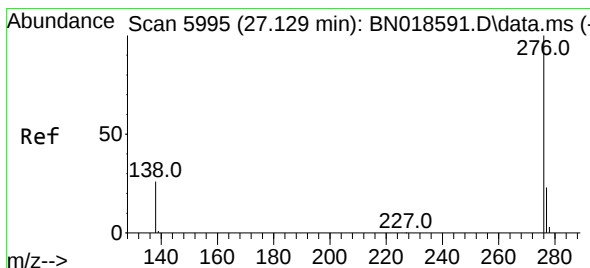
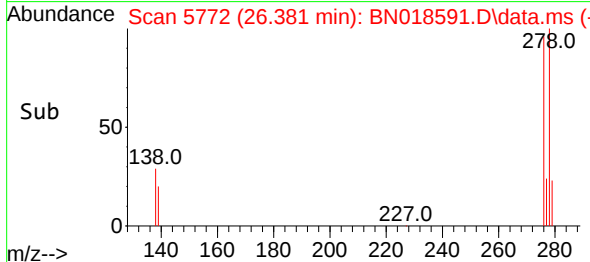
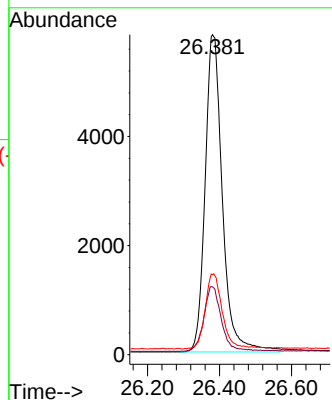
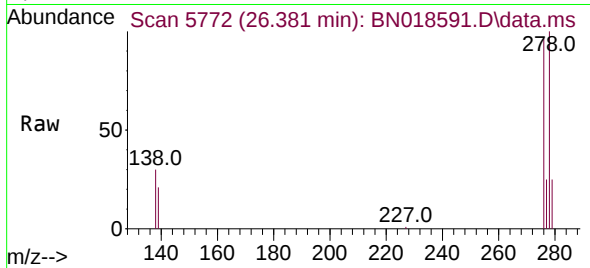




#28
Dibenzo(a,h)anthracene
Concen: 0.483 ng/ul
RT: 26.381 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN018591.D
Acq: 11 Feb 2022 11:39

Instrument :
BNA_N
ClientSampleId :
SSTD0.4245

Tgt Ion:278 Resp: 19374
Ion Ratio Lower Upper
278 100
139 21.2 11.9 17.9#
279 25.0 19.5 29.3



#29
Benzo(g,h,i)perylene
Concen: 0.456 ng/ul
RT: 27.129 min Scan# 5995
Delta R.T. 0.000 min
Lab File: BN018591.D
Acq: 11 Feb 2022 11:39

Tgt Ion:276 Resp: 20856
Ion Ratio Lower Upper
276 100
138 26.6 14.4 21.6#
277 24.2 19.2 28.8

