

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021122\
 Data File : BN018593.D
 Acq On : 11 Feb 2022 12:51
 Operator : CG/JU
 Sample : SSTD1.647
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD1.6247

Quant Time: Feb 11 13:40:09 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)

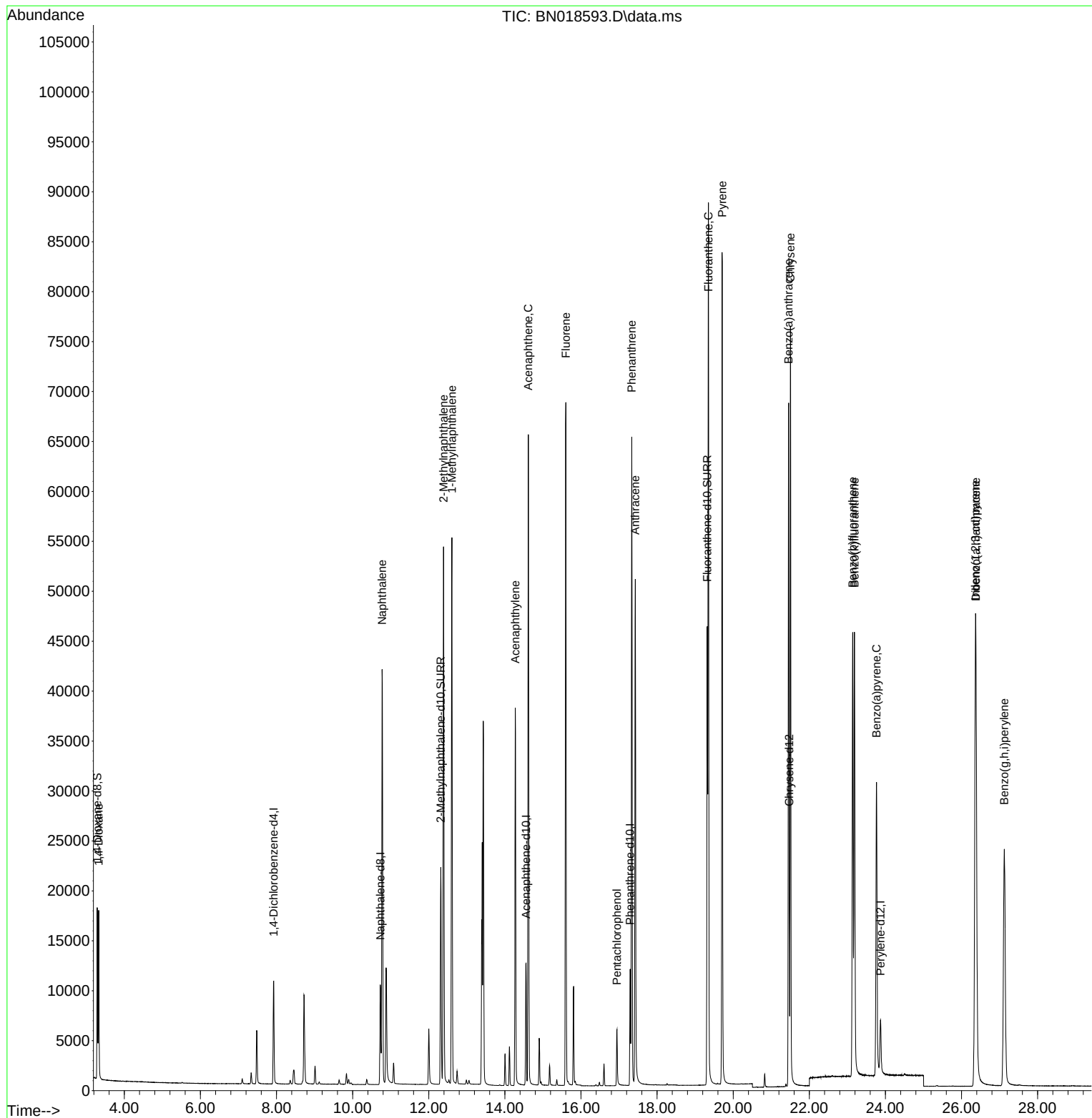
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.925	152	5511	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	13336	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.556	164	6792	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.292	188	13345	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.471	240	10797	0.400	ng/ul	# 0.00
23) Perylene-d12	23.870	264	7892	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.289	96	10043	1.587	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	27716	1.524	ng/ul	0.00
18) Fluoranthene-d10	19.317	212	50458	1.635	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.327	88	10332	1.510	ng/ul#	70
5) Naphthalene	10.776	128	56968	1.535	ng/ul	98
7) 2-Methylnaphthalene	12.387	142	37714	1.595	ng/ul	100
8) 1-Methylnaphthalene	12.607	142	37110	1.527	ng/ul	99
10) Acenaphthylene	14.274	152	43481	1.612	ng/ul	100
11) Acenaphthene	14.617	153	37145	1.566	ng/ul	99
12) Fluorene	15.602	166	42232	1.647	ng/ul	100
14) Pentachlorophenol	16.946	266	3986	1.602	ng/ul	99
15) Phenanthrene	17.334	178	67226	1.539	ng/ul	100
16) Anthracene	17.427	178	57867	1.653	ng/ul	99
19) Fluoranthene	19.350	202	74300	1.734	ng/ul	97
20) Pyrene	19.712	202	71776	1.627	ng/ul	96
21) Benzo(a)anthracene	21.453	228	57585	1.675	ng/ul	100
22) Chrysene	21.506	228	66646	1.586	ng/ul	100
24) Benzo(b)fluoranthene	23.139	252	59305	1.710	ng/ul	97
25) Benzo(k)fluoranthene	23.186	252	61795	1.702	ng/ul#	97
26) Benzo(a)pyrene	23.765	252	47852	1.709	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	26.363	276	63241	1.711	ng/ul#	81
28) Dibenzo(a,h)anthracene	26.380	278	50477	1.748	ng/ul#	94
29) Benzo(g,h,i)perylene	27.124	276	53636	1.629	ng/ul#	93

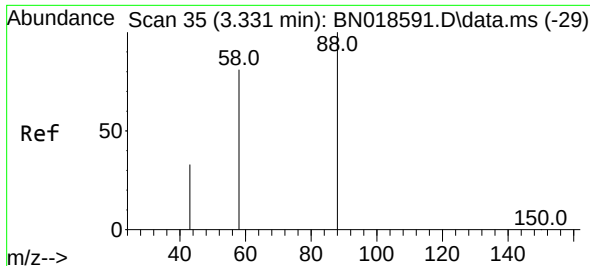
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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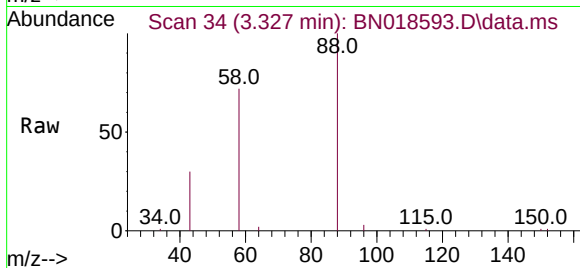
Quant Time: Feb 11 13:40:09 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN021122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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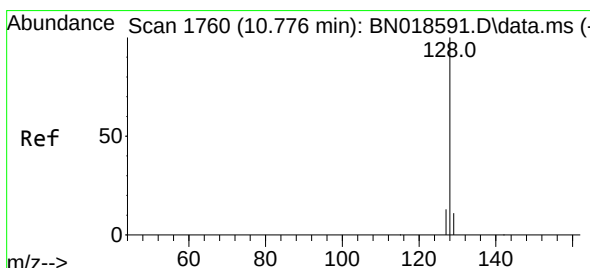
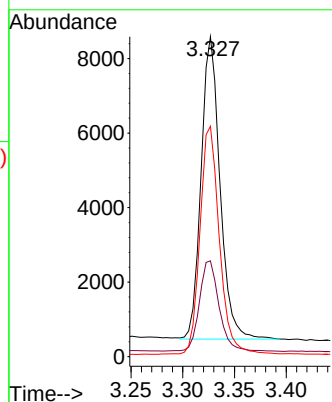
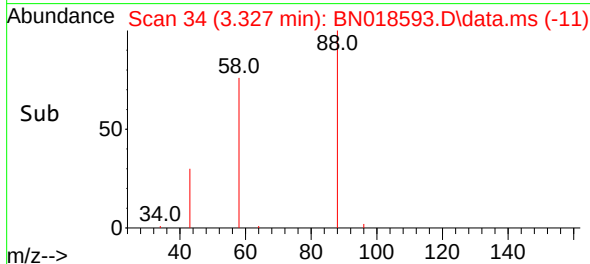


#2
1,4-Dioxane
Concen: 1.510 ng/ul
RT: 3.327 min Scan# 34
Delta R.T. -0.004 min
Lab File: BN018593.D
Acq: 11 Feb 2022 12:51

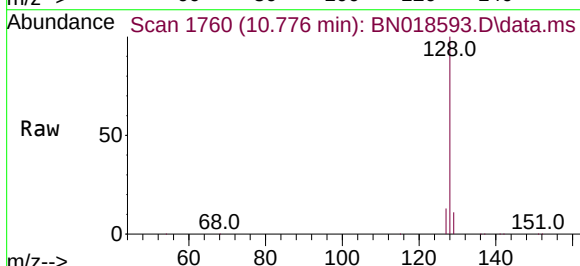
Instrument :
BNA_N
ClientSampleId :
SSTD1.6247



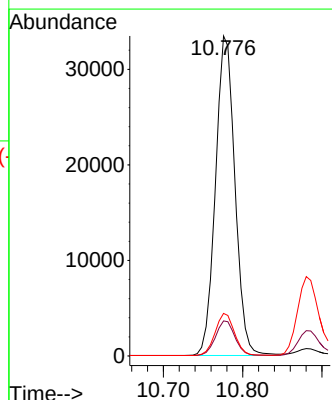
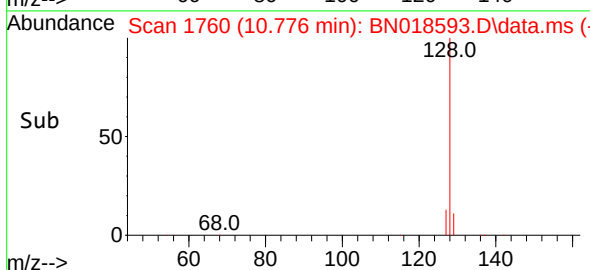
Tgt Ion: 88 Resp: 10332
Ion Ratio Lower Upper
88 100
43 30.0 47.8 71.8#
58 72.0 46.2 69.2#

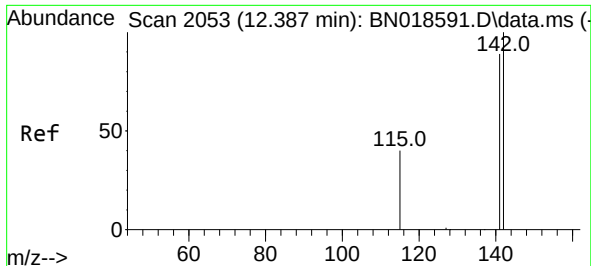


#5
Naphthalene
Concen: 1.535 ng/ul
RT: 10.776 min Scan# 1760
Delta R.T. 0.000 min
Lab File: BN018593.D
Acq: 11 Feb 2022 12:51



Tgt Ion: 128 Resp: 56968
Ion Ratio Lower Upper
128 100
129 11.0 9.4 14.0
127 13.3 11.0 16.6

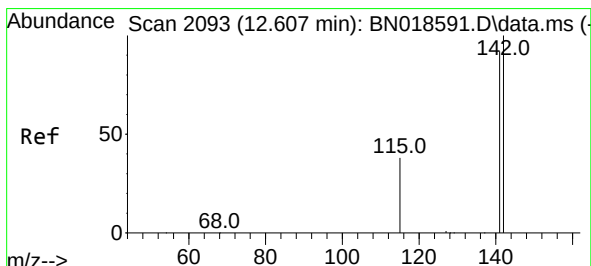
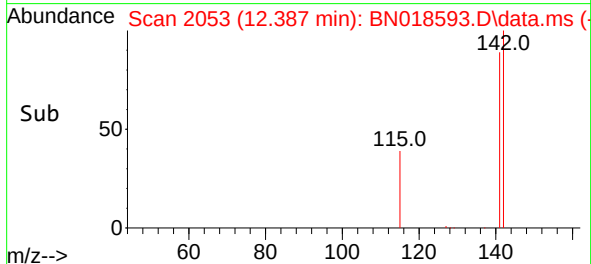
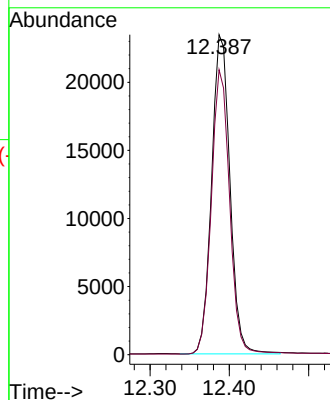
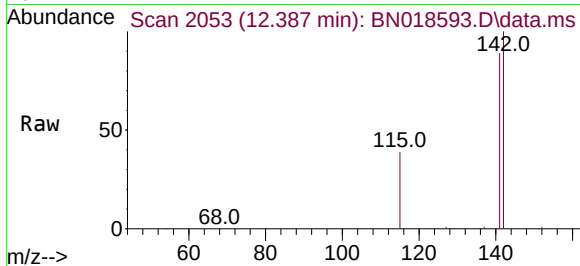




#7
2-Methylnaphthalene
Concen: 1.595 ng/ul
RT: 12.387 min Scan# 2053
Delta R.T. 0.000 min
Lab File: BN018593.D
Acq: 11 Feb 2022 12:51

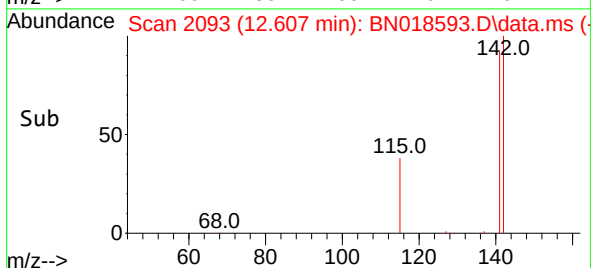
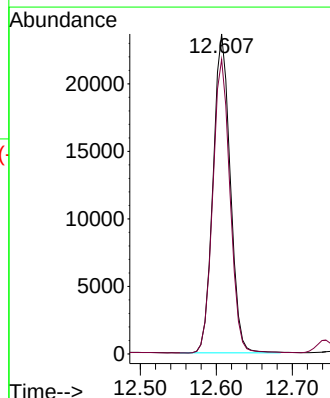
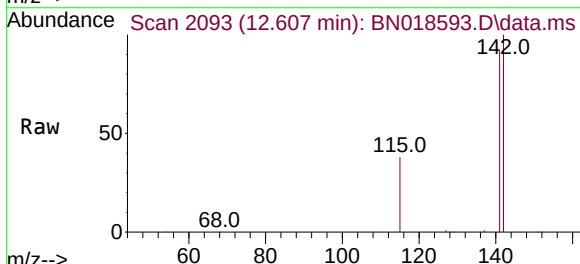
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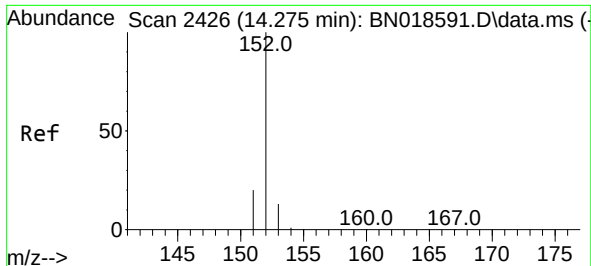
Tgt Ion:142 Resp: 37714
Ion Ratio Lower Upper
142 100
141 88.5 70.9 106.3



#8
1-Methylnaphthalene
Concen: 1.527 ng/ul
RT: 12.607 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BN018593.D
Acq: 11 Feb 2022 12:51

Tgt Ion:142 Resp: 37110
Ion Ratio Lower Upper
142 100
141 92.2 73.2 109.8

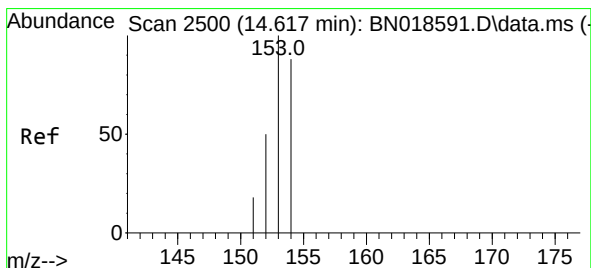
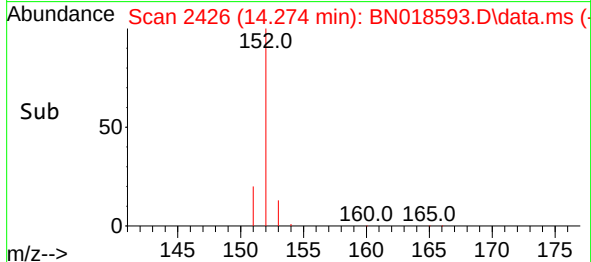
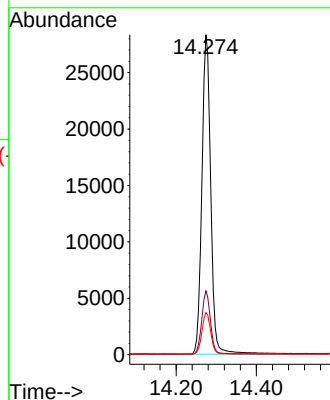
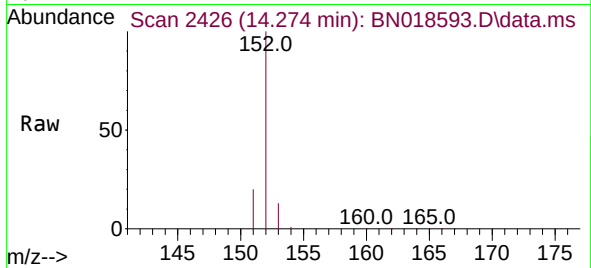




#10
Acenaphthylene
Concen: 1.612 ng/ul
RT: 14.274 min Scan# 2426
Delta R.T. -0.001 min
Lab File: BN018593.D
Acq: 11 Feb 2022 12:51

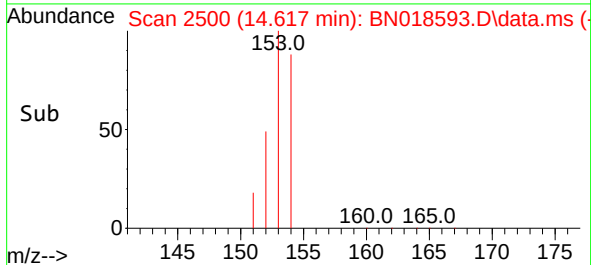
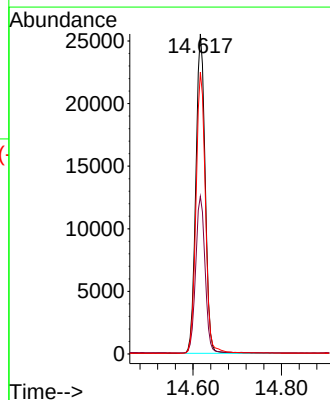
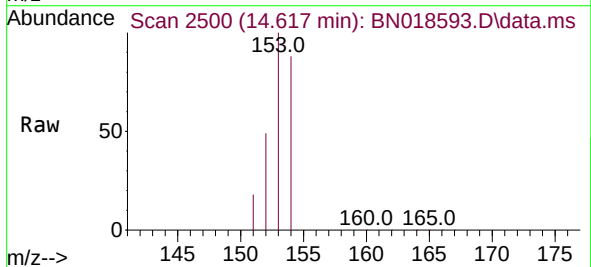
Instrument :
BNA_N
ClientSampleId :
SSTD1.6247

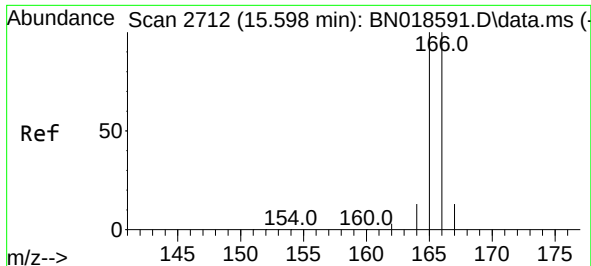
Tgt Ion:152 Resp: 43481
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.8
153 13.1 10.7 16.1



#11
Acenaphthene
Concen: 1.566 ng/ul
RT: 14.617 min Scan# 2500
Delta R.T. -0.001 min
Lab File: BN018593.D
Acq: 11 Feb 2022 12:51

Tgt Ion:153 Resp: 37145
Ion Ratio Lower Upper
153 100
152 49.3 39.7 59.5
154 88.1 70.9 106.3

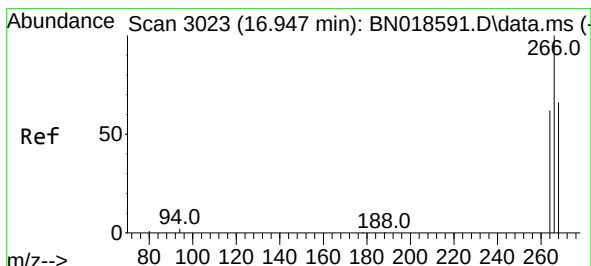
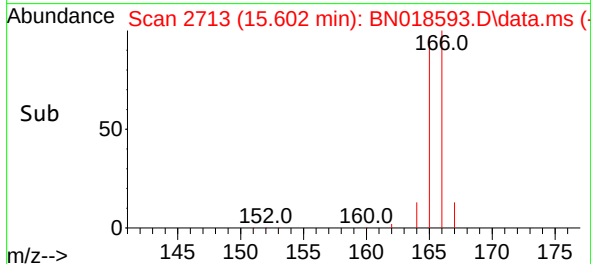
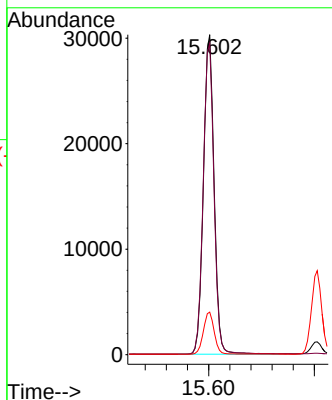
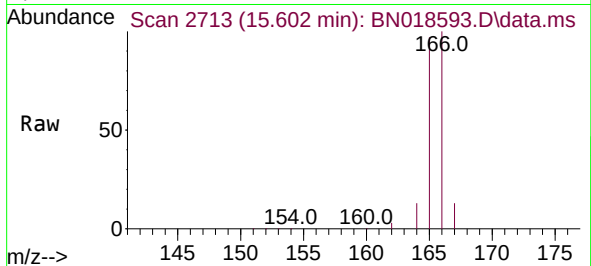




#12
Fluorene
Concen: 1.647 ng/ul
RT: 15.602 min Scan# 2713
Delta R.T. 0.004 min
Lab File: BN018593.D
Acq: 11 Feb 2022 12:51

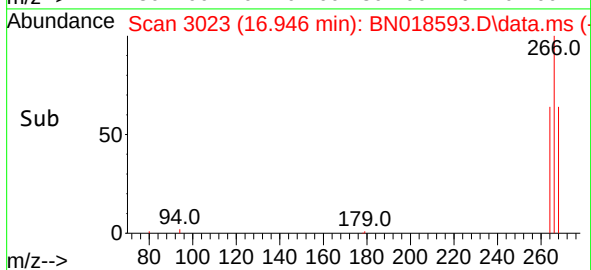
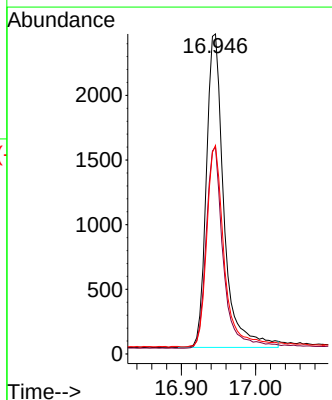
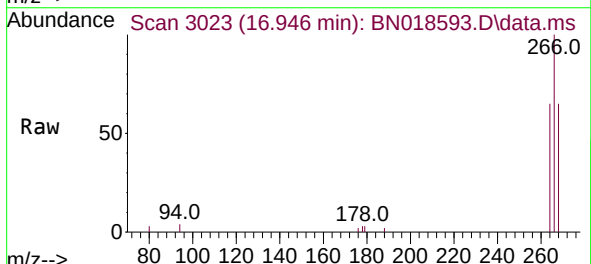
Instrument :
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SSTD1.6247

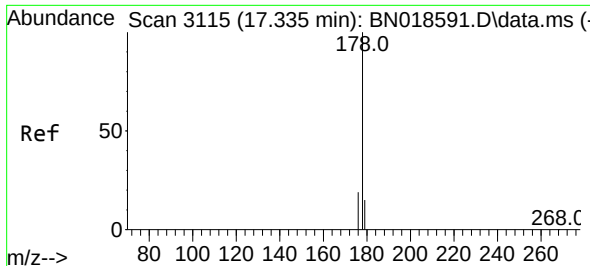
Tgt Ion:166 Resp: 42232
Ion Ratio Lower Upper
166 100
165 97.2 77.8 116.6
167 13.3 11.6 17.4



#14
Pentachlorophenol
Concen: 1.602 ng/ul
RT: 16.946 min Scan# 3023
Delta R.T. -0.001 min
Lab File: BN018593.D
Acq: 11 Feb 2022 12:51

Tgt Ion:266 Resp: 3986
Ion Ratio Lower Upper
266 100
264 63.0 49.9 74.9
268 64.1 51.7 77.5

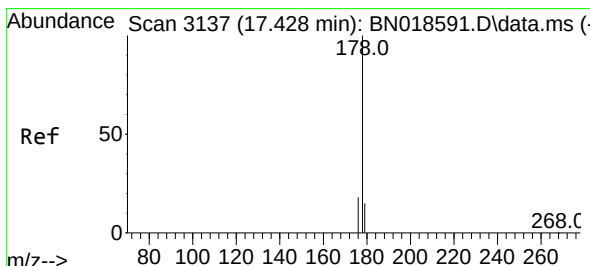
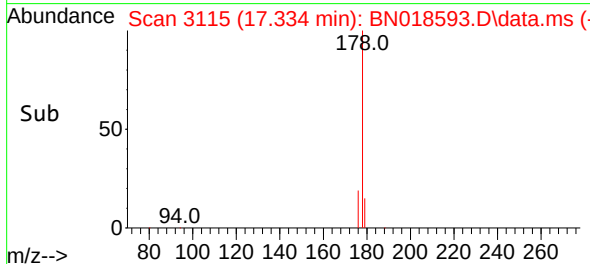
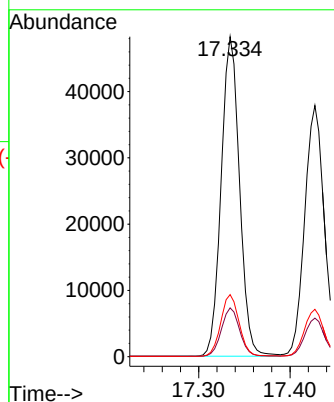
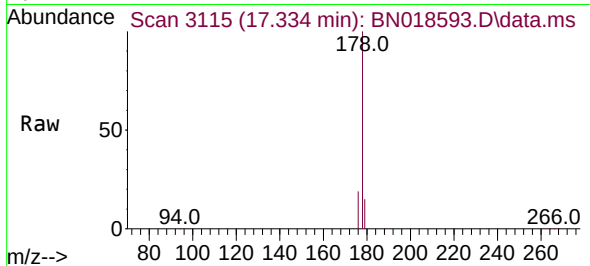




#15
Phenanthrene
Concen: 1.539 ng/ul
RT: 17.334 min Scan# 3115
Delta R.T. -0.001 min
Lab File: BN018593.D
Acq: 11 Feb 2022 12:51

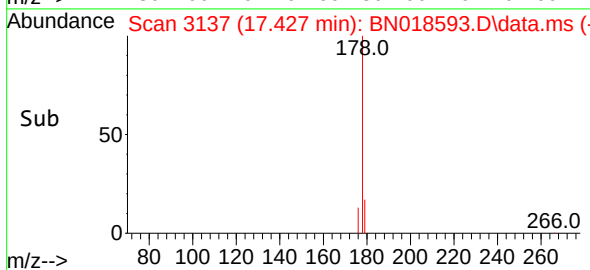
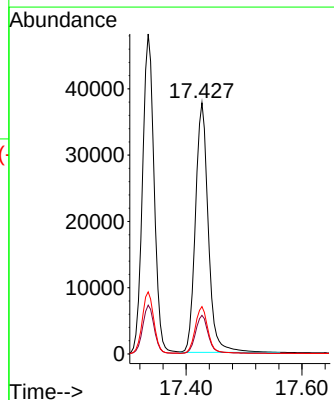
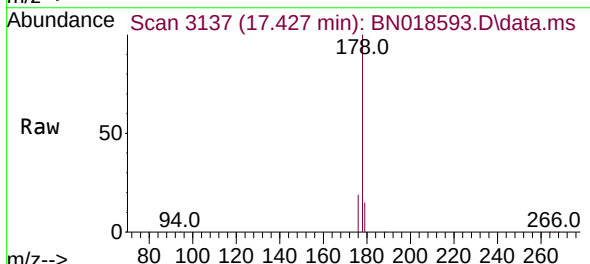
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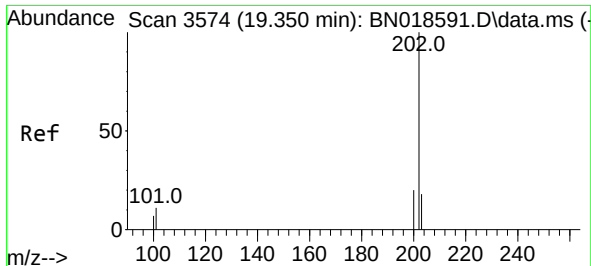
Tgt Ion:178 Resp: 67226
Ion Ratio Lower Upper
178 100
179 15.2 12.2 18.4
176 19.4 15.4 23.2



#16
Anthracene
Concen: 1.653 ng/ul
RT: 17.427 min Scan# 3137
Delta R.T. -0.001 min
Lab File: BN018593.D
Acq: 11 Feb 2022 12:51

Tgt Ion:178 Resp: 57867
Ion Ratio Lower Upper
178 100
179 15.3 12.3 18.5
176 18.9 15.5 23.3

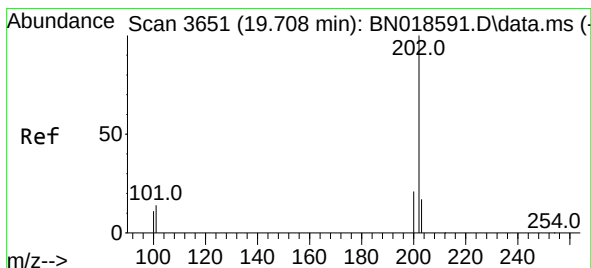
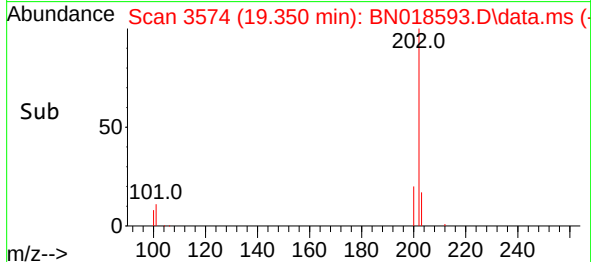
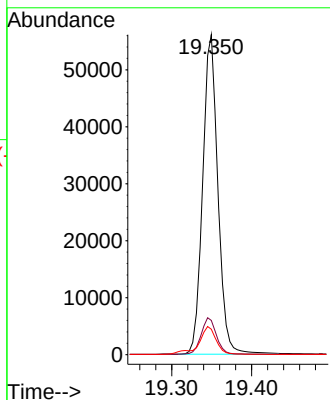
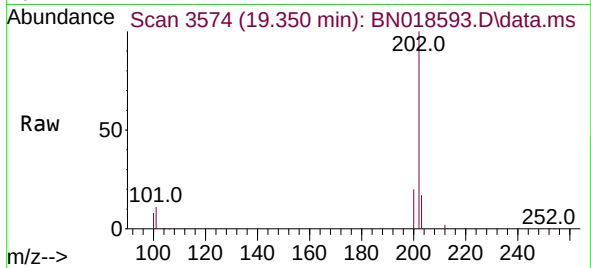




#19
Fluoranthene
Concen: 1.734 ng/ul
RT: 19.350 min Scan# 3574
Delta R.T. -0.001 min
Lab File: BN018593.D
Acq: 11 Feb 2022 12:51

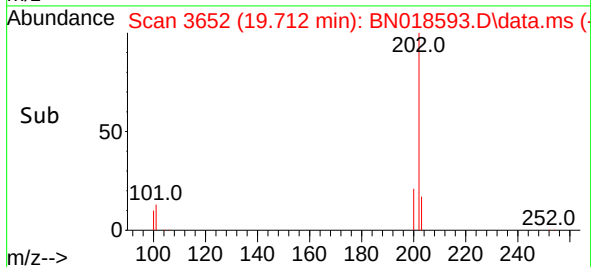
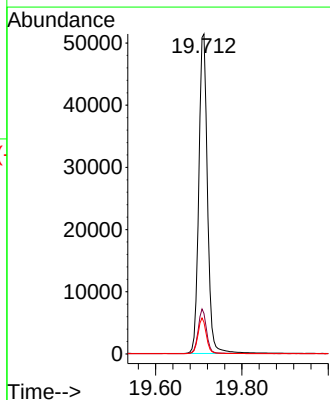
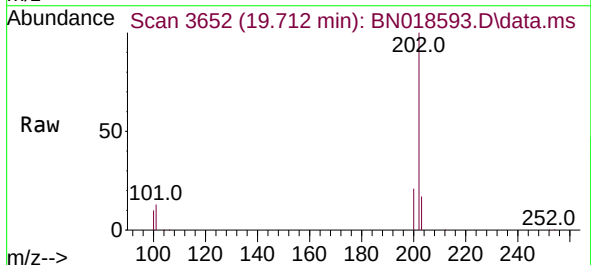
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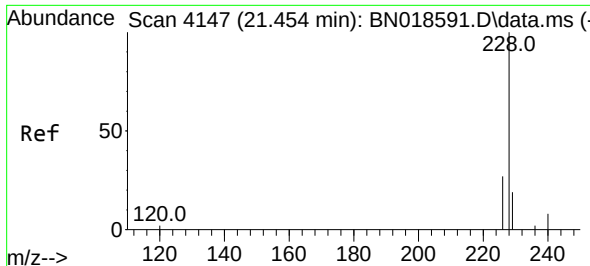
Tgt Ion:202 Resp: 74300
Ion Ratio Lower Upper
202 100
101 10.7 7.5 11.3
100 7.9 5.4 8.2



#20
Pyrene
Concen: 1.627 ng/ul
RT: 19.712 min Scan# 3652
Delta R.T. 0.004 min
Lab File: BN018593.D
Acq: 11 Feb 2022 12:51

Tgt Ion:202 Resp: 71776
Ion Ratio Lower Upper
202 100
101 12.7 9.0 13.4
100 9.9 7.0 10.4

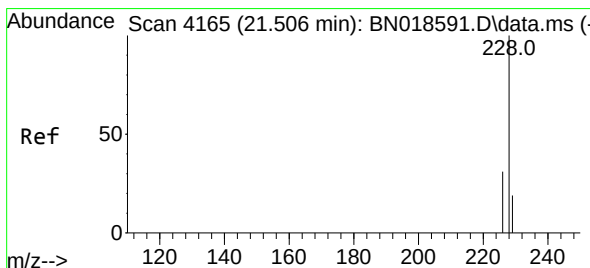
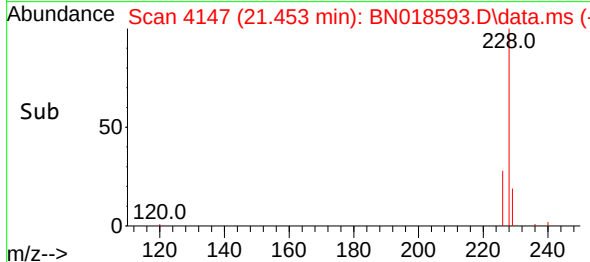
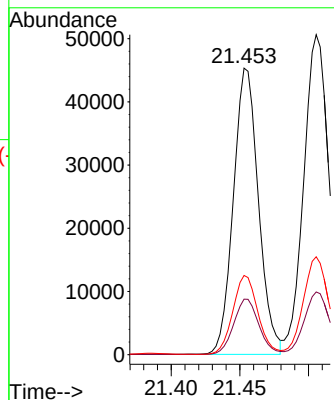
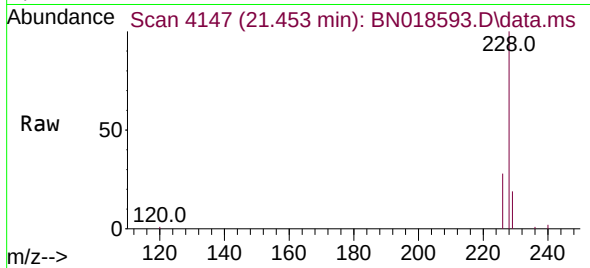




#21
Benzo(a)anthracene
Concen: 1.675 ng/ul
RT: 21.453 min Scan# 4147
Delta R.T. -0.001 min
Lab File: BN018593.D
Acq: 11 Feb 2022 12:51

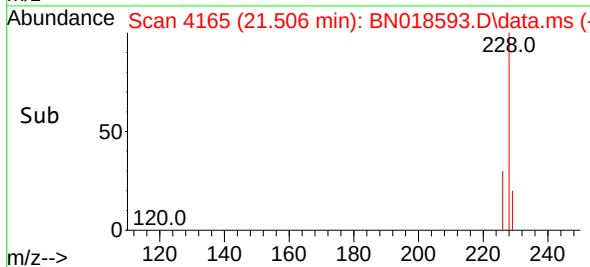
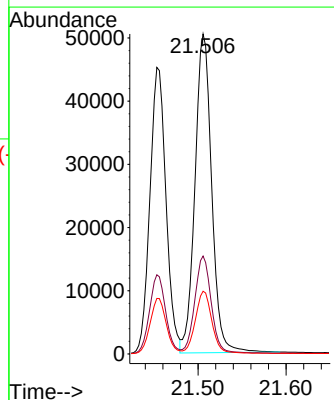
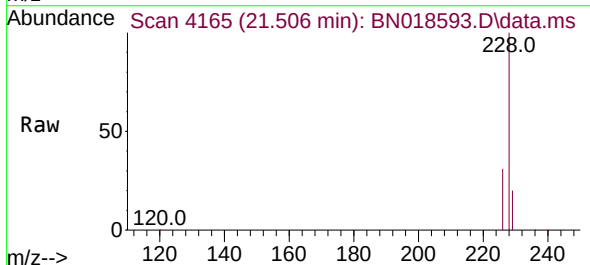
Instrument :
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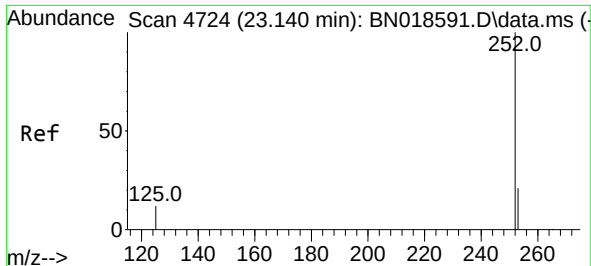
Tgt Ion:228 Resp: 57585
Ion Ratio Lower Upper
228 100
229 19.4 15.6 23.4
226 27.6 22.1 33.1



#22
Chrysene
Concen: 1.586 ng/ul
RT: 21.506 min Scan# 4165
Delta R.T. -0.001 min
Lab File: BN018593.D
Acq: 11 Feb 2022 12:51

Tgt Ion:228 Resp: 66646
Ion Ratio Lower Upper
228 100
226 30.6 24.2 36.4
229 19.6 15.7 23.5

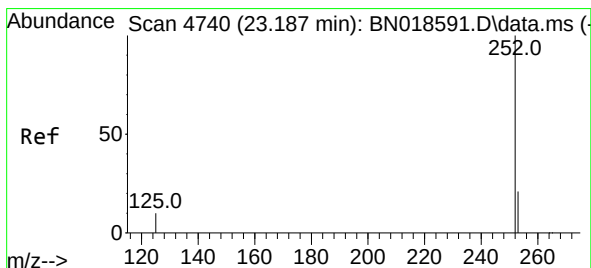
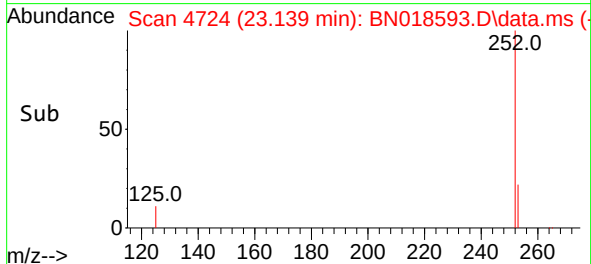
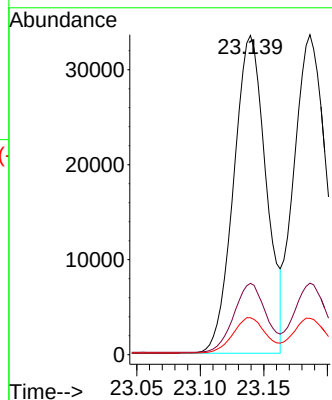
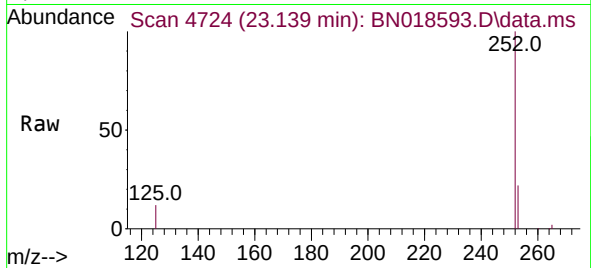




#24
Benzo(b)fluoranthene
Concen: 1.710 ng/ul
RT: 23.139 min Scan# 4724
Delta R.T. -0.001 min
Lab File: BN018593.D
Acq: 11 Feb 2022 12:51

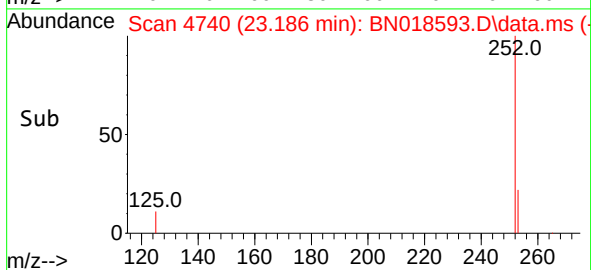
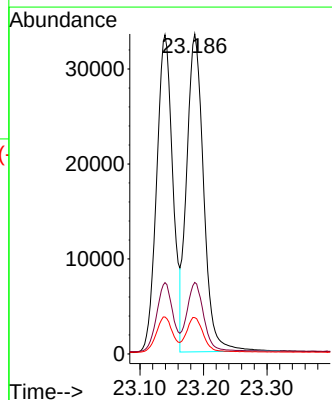
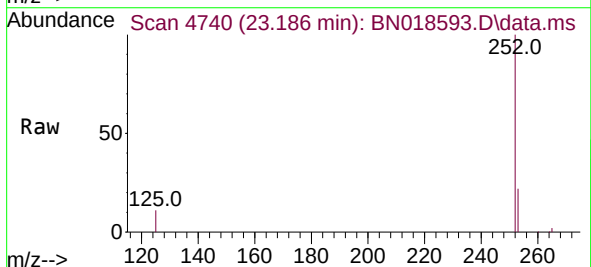
Instrument :
BNA_N
ClientSampleId :
SSTD1.6247

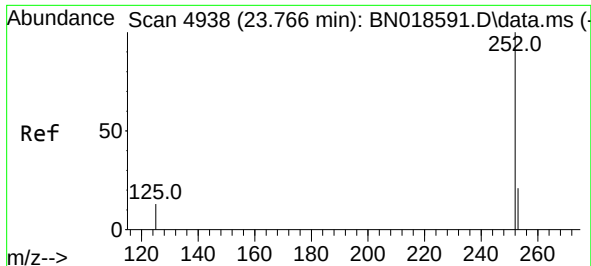
Tgt Ion:252 Resp: 59305
Ion Ratio Lower Upper
252 100
253 22.4 0.0 46.4
125 11.6 0.0 17.8



#25
Benzo(k)fluoranthene
Concen: 1.702 ng/ul
RT: 23.186 min Scan# 4740
Delta R.T. -0.001 min
Lab File: BN018593.D
Acq: 11 Feb 2022 12:51

Tgt Ion:252 Resp: 61795
Ion Ratio Lower Upper
252 100
253 22.3 18.6 28.0
125 11.4 7.3 10.9#

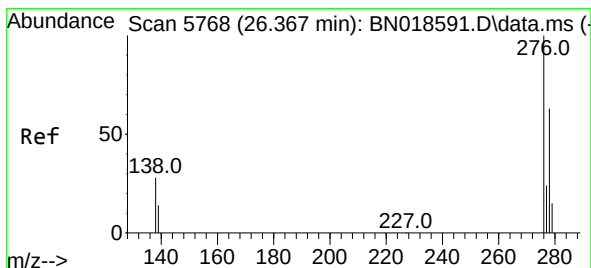
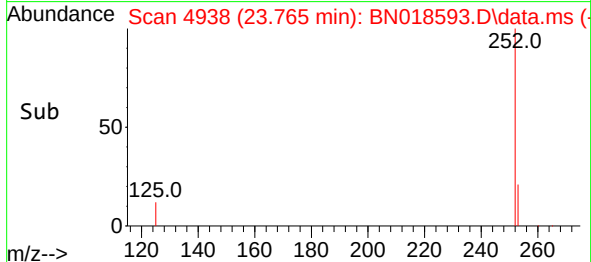
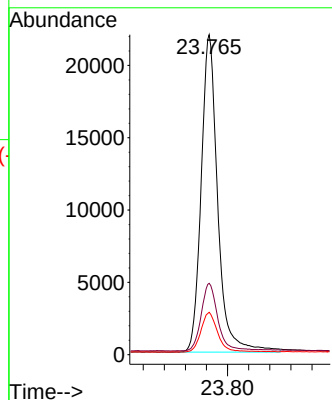
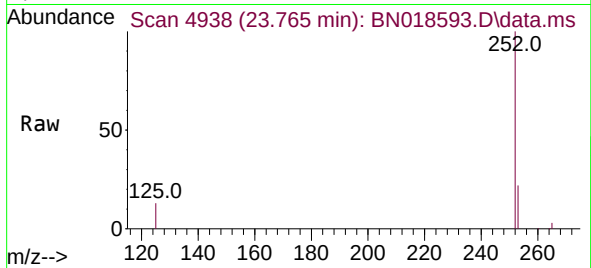




#26
Benzo(a)pyrene
Concen: 1.709 ng/ul
RT: 23.765 min Scan# 4938
Delta R.T. -0.001 min
Lab File: BN018593.D
Acq: 11 Feb 2022 12:51

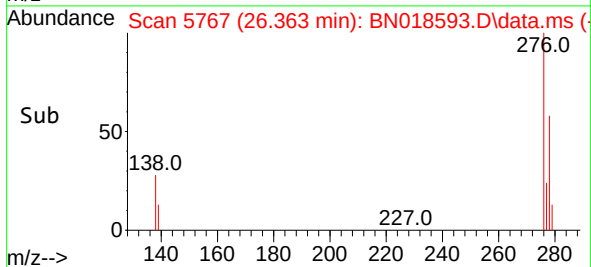
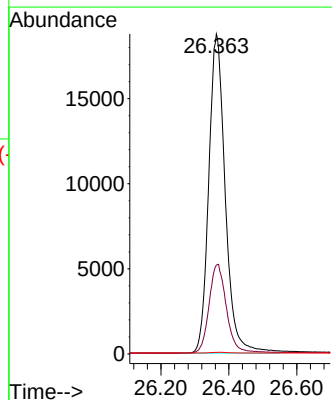
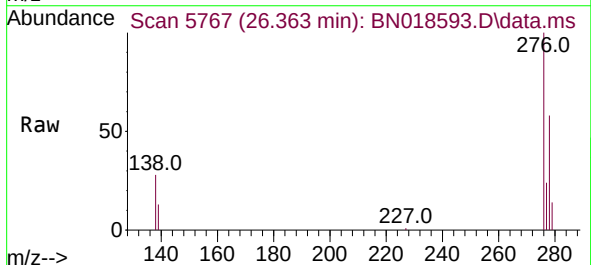
Instrument :
BNA_N
ClientSampleId :
SSTD1.6247

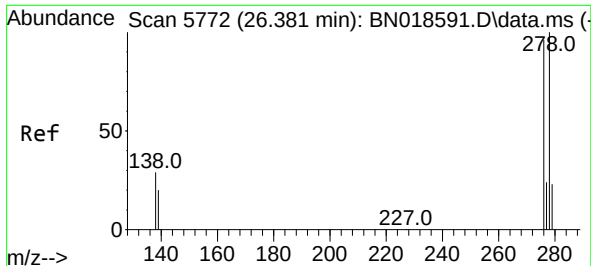
Tgt Ion:252 Resp: 47852
Ion Ratio Lower Upper
252 100
253 22.3 18.9 28.3
125 13.3 8.2 12.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.711 ng/ul
RT: 26.363 min Scan# 5767
Delta R.T. -0.004 min
Lab File: BN018593.D
Acq: 11 Feb 2022 12:51

Tgt Ion:276 Resp: 63241
Ion Ratio Lower Upper
276 100
138 29.3 16.5 24.7#
227 0.2 0.1 0.1#

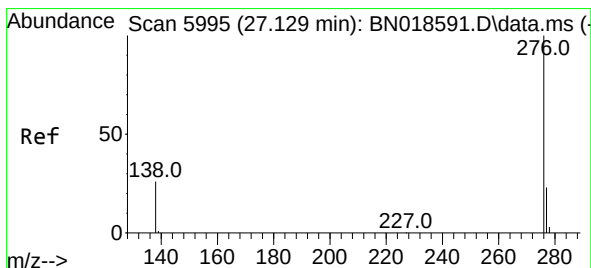
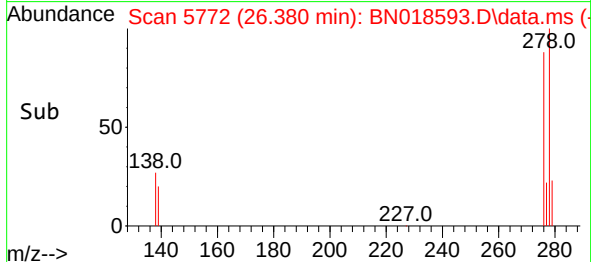
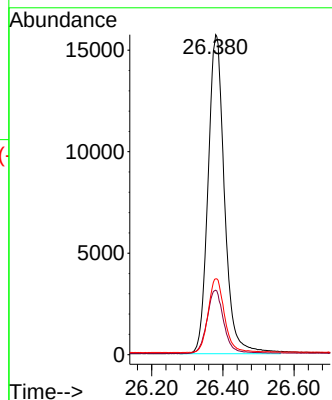
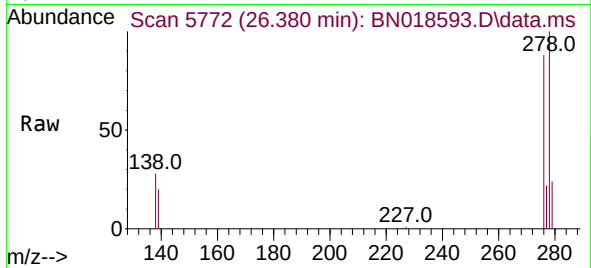




#28
Dibenzo(a,h)anthracene
Concen: 1.748 ng/ul
RT: 26.380 min Scan# 51
Delta R.T. -0.001 min
Lab File: BN018593.D
Acq: 11 Feb 2022 12:51

Instrument :
BNA_N
ClientSampleId :
SSTD1.6247

Tgt Ion:278 Resp: 50477
Ion Ratio Lower Upper
278 100
139 20.1 11.9 17.9#
279 23.7 19.5 29.3



#29
Benzo(g,h,i)perylene
Concen: 1.629 ng/ul
RT: 27.124 min Scan# 5994
Delta R.T. -0.004 min
Lab File: BN018593.D
Acq: 11 Feb 2022 12:51

Tgt Ion:276 Resp: 53636
Ion Ratio Lower Upper
276 100
138 25.0 14.4 21.6#
277 23.8 19.2 28.8

