

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021122\
 Data File : BN018594.D
 Acq On : 11 Feb 2022 13:27
 Operator : CG/JU
 Sample : SSTD3.248
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD3.2248

Quant Time: Feb 11 14:13:10 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)

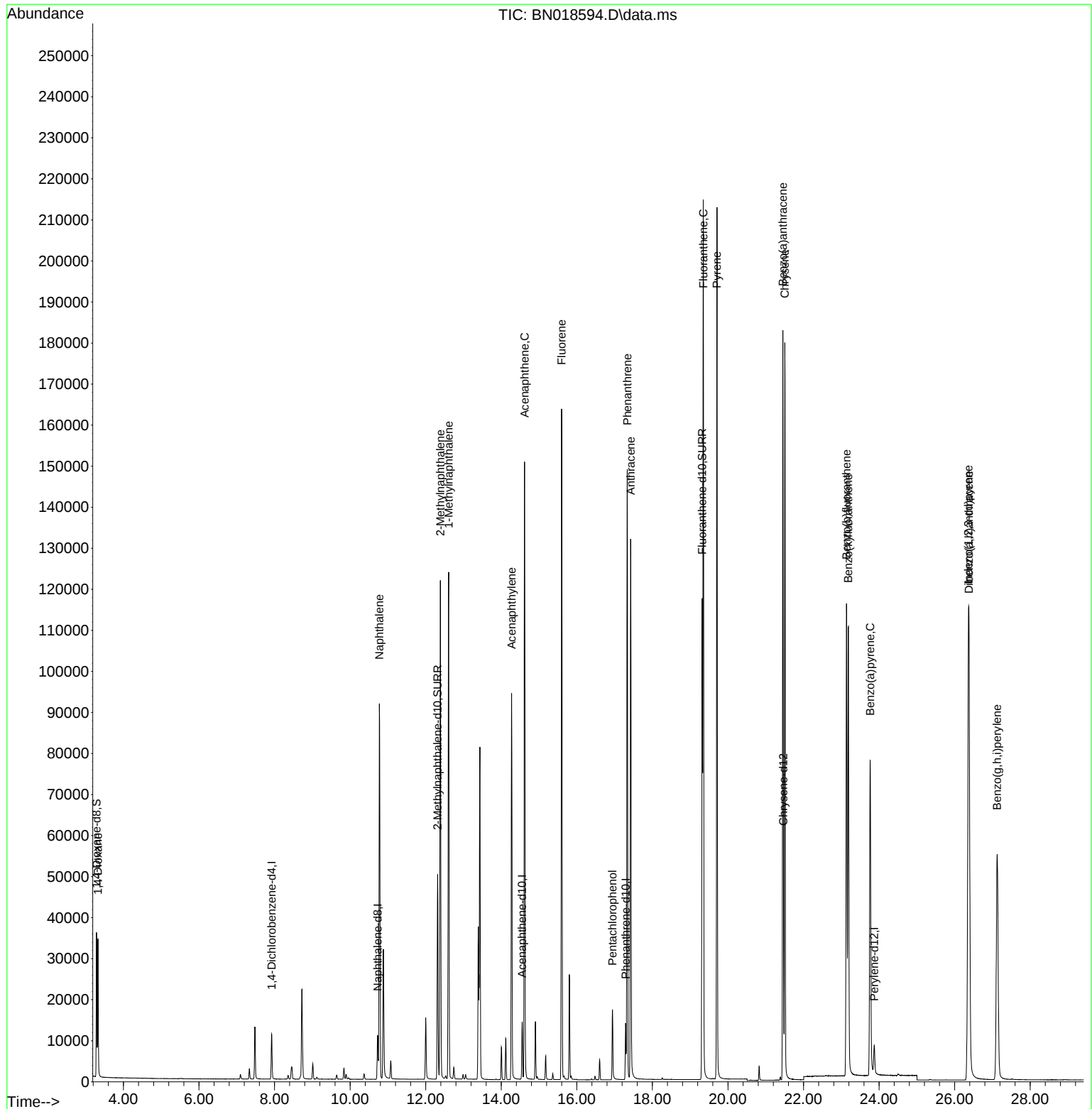
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.921	152	5738	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	14491	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.552	164	7812	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.293	188	15415	0.400	ng/ul	0.00
17) Chrysene-d12	21.468	240	13347	0.400	ng/ul	# 0.00
23) Perylene-d12	23.871	264	9595	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.289	96	20469	3.107	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.315	152	61564	3.116	ng/ul	0.00
18) Fluoranthene-d10	19.318	212	123446	3.236	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.326	88	20931	2.939	ng/ul#	70
5) Naphthalene	10.776	128	122823	3.045	ng/ul	98
7) 2-Methylnaphthalene	12.387	142	83193	3.238	ng/ul	100
8) 1-Methylnaphthalene	12.607	142	81709	3.094	ng/ul	99
10) Acenaphthylene	14.275	152	105042	3.385	ng/ul	99
11) Acenaphthene	14.617	153	85222	3.123	ng/ul	99
12) Fluorene	15.598	166	99050	3.359	ng/ul	98
14) Pentachlorophenol	16.942	266	11562	4.023	ng/ul	99
15) Phenanthrene	17.335	178	156558	3.103	ng/ul	100
16) Anthracene	17.424	178	142711	3.529	ng/ul	99
19) Fluoranthene	19.346	202	180275	3.403	ng/ul#	94
20) Pyrene	19.708	202	174451	3.199	ng/ul#	94
21) Benzo(a)anthracene	21.454	228	151700	3.569	ng/ul	100
22) Chrysene	21.506	228	159463	3.069	ng/ul	100
24) Benzo(b)fluoranthene	23.137	252	145716	3.455	ng/ul	96
25) Benzo(k)fluoranthene	23.184	252	153186	3.471	ng/ul#	95
26) Benzo(a)pyrene	23.763	252	120881	3.552	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	26.364	276	153134	3.409	ng/ul#	82
28) Dibenzo(a,h)anthracene	26.381	278	121525	3.461	ng/ul#	95
29) Benzo(g,h,i)perylene	27.125	276	126557	3.162	ng/ul#	92

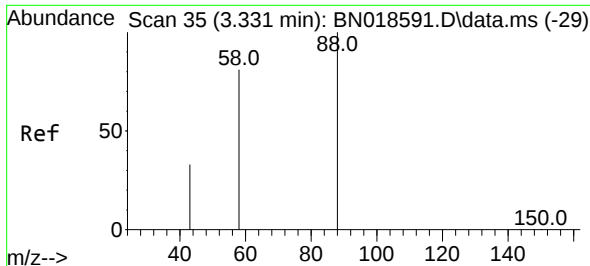
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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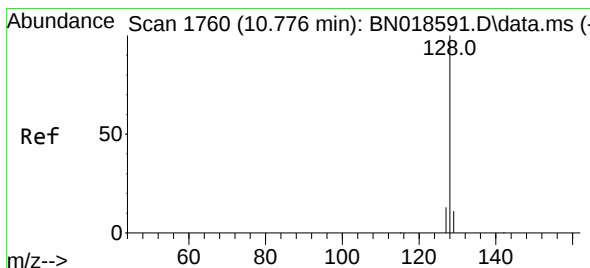
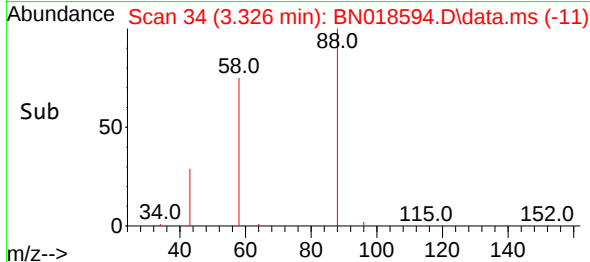
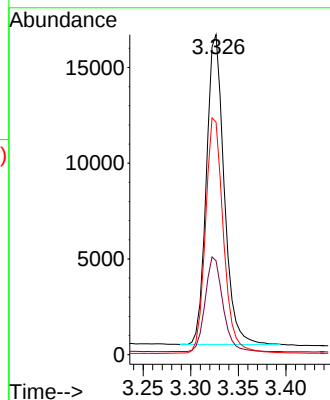
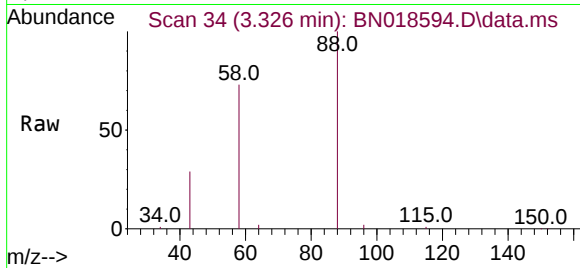




#2
 1,4-Dioxane
 Concen: 2.939 ng/ul
 RT: 3.326 min Scan# 34
 Delta R.T. -0.004 min
 Lab File: BN018594.D
 Acq: 11 Feb 2022 13:27

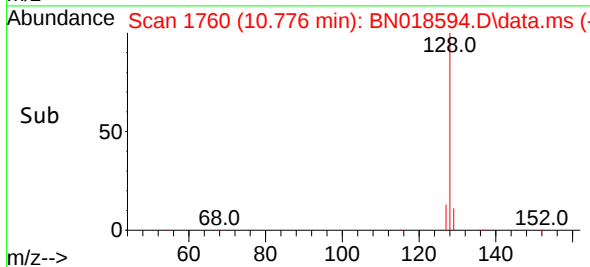
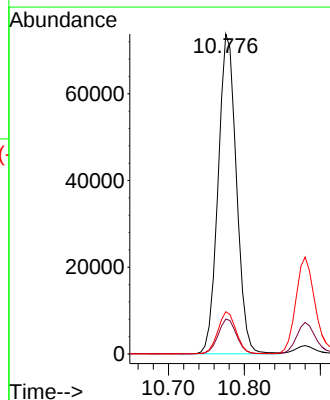
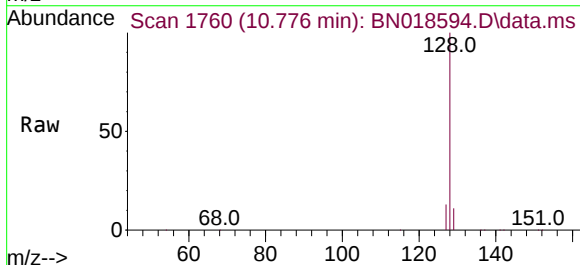
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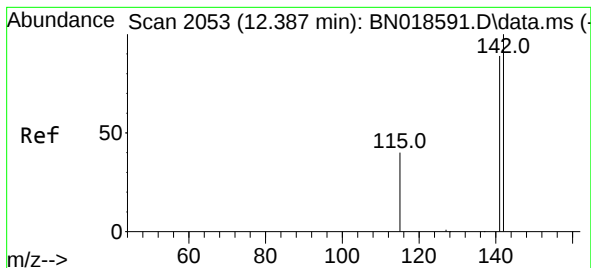
Tgt Ion: 88 Resp: 20931
 Ion Ratio Lower Upper
 88 100
 43 29.4 47.8 71.8#
 58 72.7 46.2 69.2#



#5
 Naphthalene
 Concen: 3.045 ng/ul
 RT: 10.776 min Scan# 1760
 Delta R.T. -0.000 min
 Lab File: BN018594.D
 Acq: 11 Feb 2022 13:27

Tgt Ion:128 Resp: 122823
 Ion Ratio Lower Upper
 128 100
 129 10.9 9.4 14.0
 127 13.2 11.0 16.6

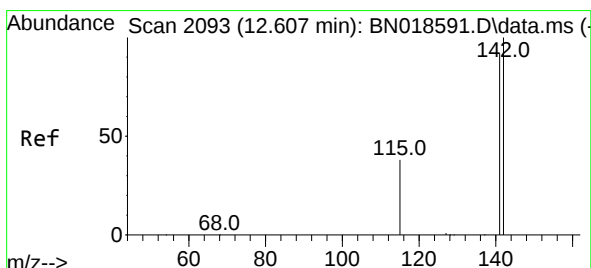
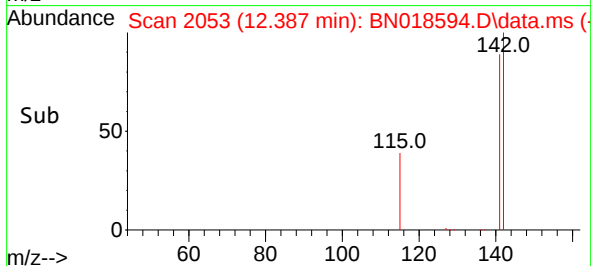
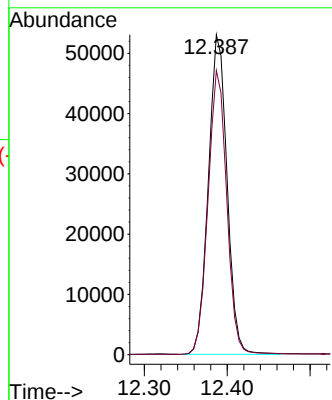
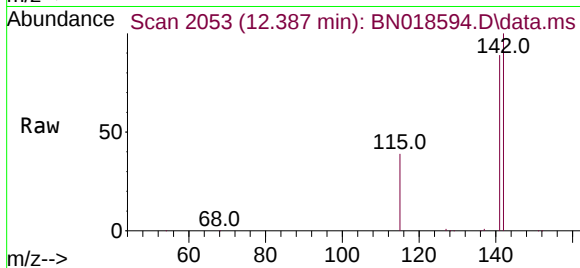




#7
2-Methylnaphthalene
Concen: 3.238 ng/ul
RT: 12.387 min Scan# 2053
Delta R.T. -0.000 min
Lab File: BN018594.D
Acq: 11 Feb 2022 13:27

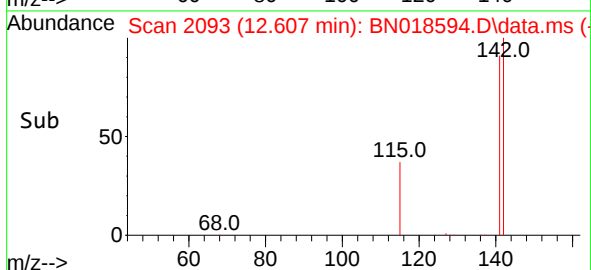
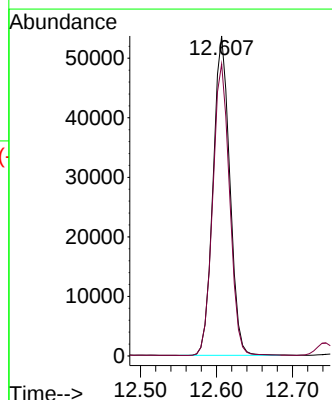
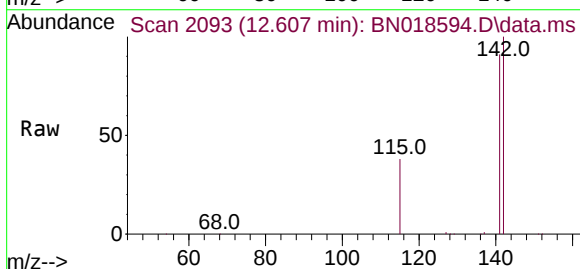
Instrument :
BNA_N
ClientSampleId :
SSTD3.2248

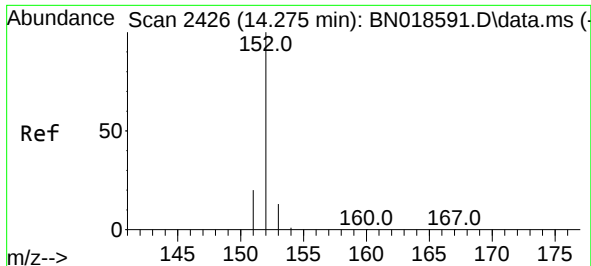
Tgt Ion:142 Resp: 83193
Ion Ratio Lower Upper
142 100
141 88.8 70.9 106.3



#8
1-Methylnaphthalene
Concen: 3.094 ng/ul
RT: 12.607 min Scan# 2093
Delta R.T. -0.000 min
Lab File: BN018594.D
Acq: 11 Feb 2022 13:27

Tgt Ion:142 Resp: 81709
Ion Ratio Lower Upper
142 100
141 92.0 73.2 109.8

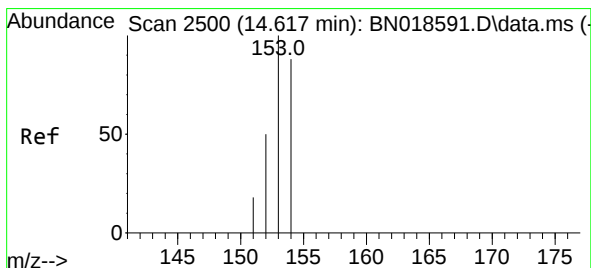
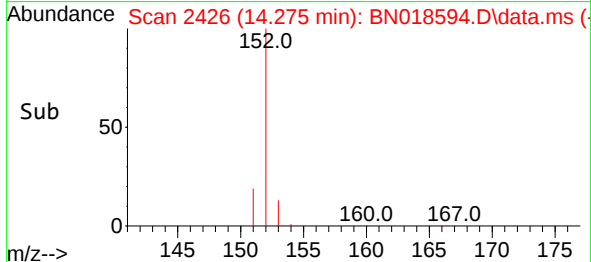
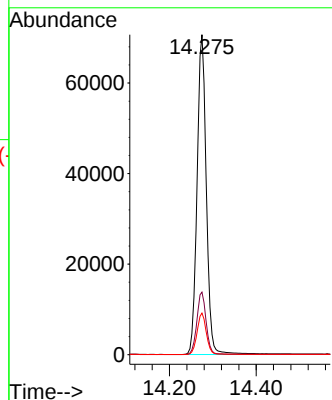
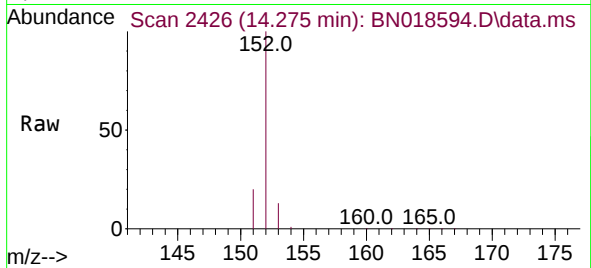




#10
Acenaphthylene
Concen: 3.385 ng/ul
RT: 14.275 min Scan# 2426
Delta R.T. -0.000 min
Lab File: BN018594.D
Acq: 11 Feb 2022 13:27

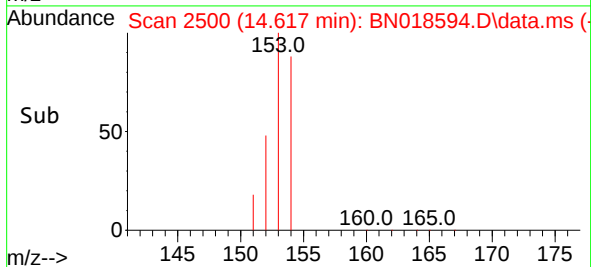
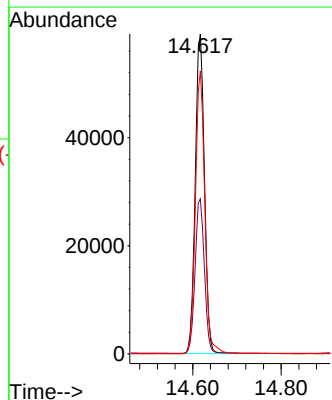
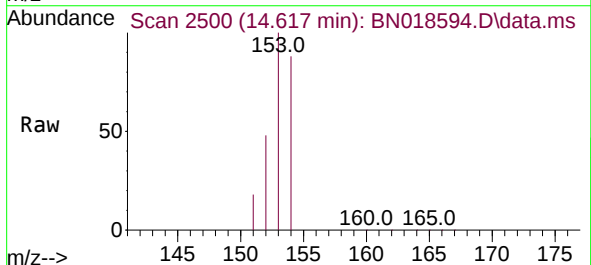
Instrument :
BNA_N
ClientSampleId :
SSTD3.2248

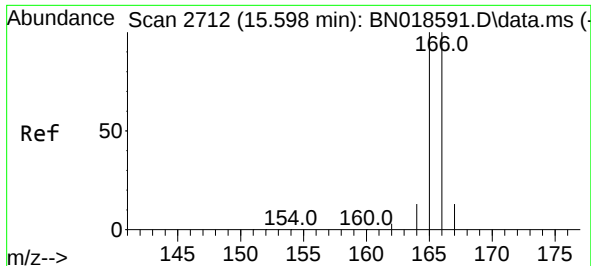
Tgt Ion:152 Resp: 105042
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.8
153 13.0 10.7 16.1



#11
Acenaphthene
Concen: 3.123 ng/ul
RT: 14.617 min Scan# 2500
Delta R.T. -0.000 min
Lab File: BN018594.D
Acq: 11 Feb 2022 13:27

Tgt Ion:153 Resp: 85222
Ion Ratio Lower Upper
153 100
152 48.4 39.7 59.5
154 88.4 70.9 106.3

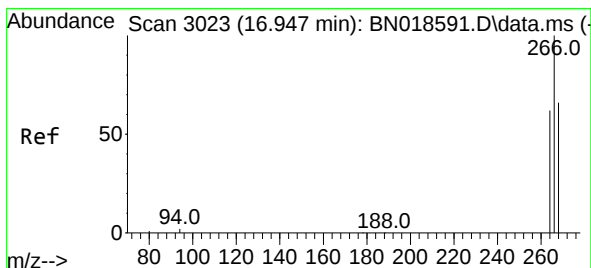
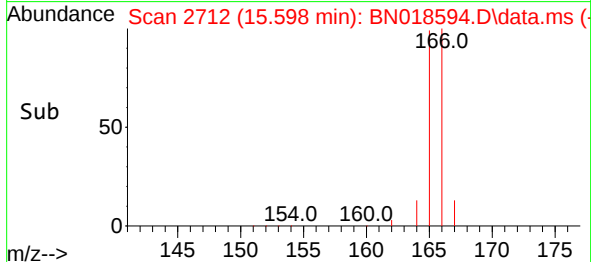
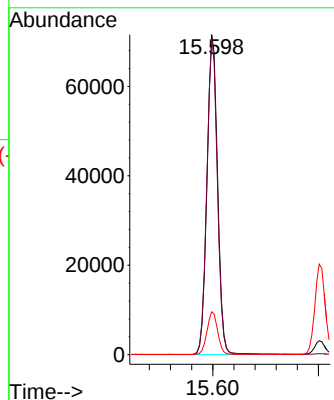
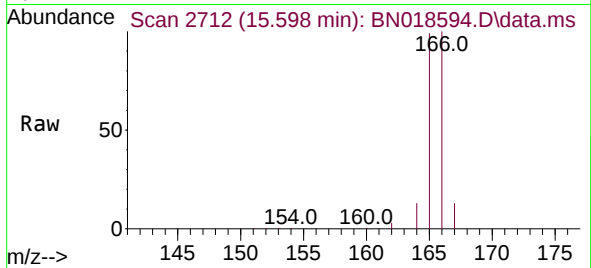




#12
Fluorene
Concen: 3.359 ng/ul
RT: 15.598 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN018594.D
Acq: 11 Feb 2022 13:27

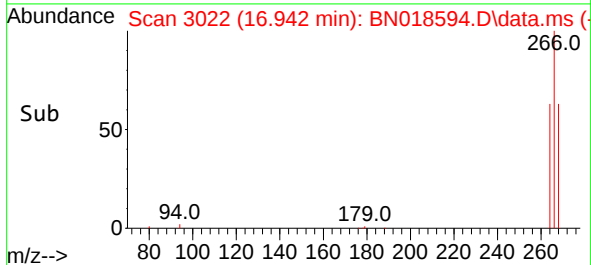
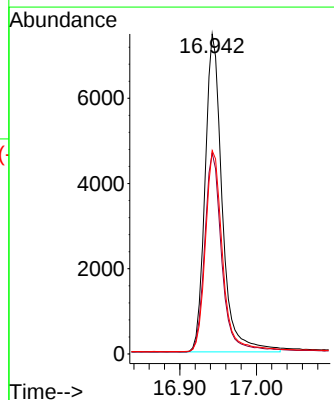
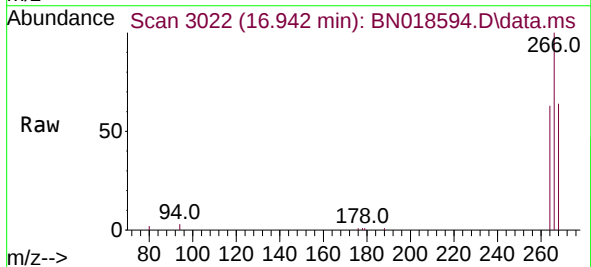
Instrument :
BNA_N
ClientSampleId :
SSTD3.2248

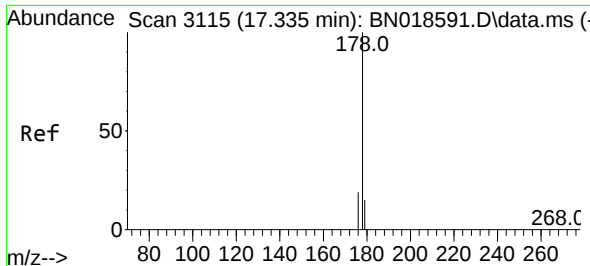
Tgt Ion:166 Resp: 99050
Ion Ratio Lower Upper
166 100
165 98.7 77.8 116.6
167 13.4 11.6 17.4



#14
Pentachlorophenol
Concen: 4.023 ng/ul
RT: 16.942 min Scan# 3022
Delta R.T. -0.004 min
Lab File: BN018594.D
Acq: 11 Feb 2022 13:27

Tgt Ion:266 Resp: 11562
Ion Ratio Lower Upper
266 100
264 62.9 49.9 74.9
268 63.7 51.7 77.5

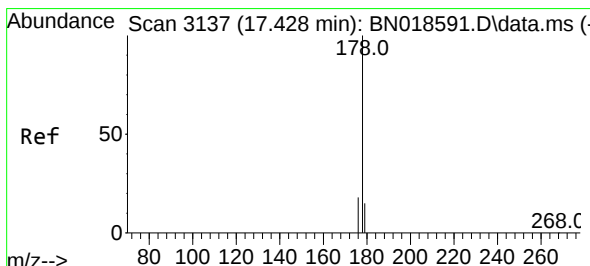
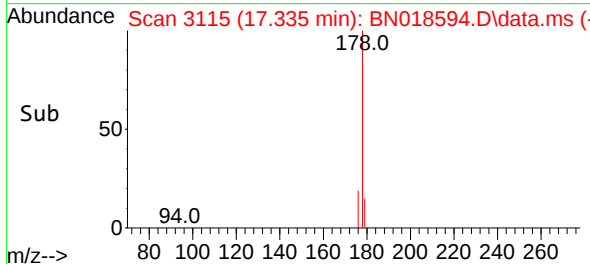
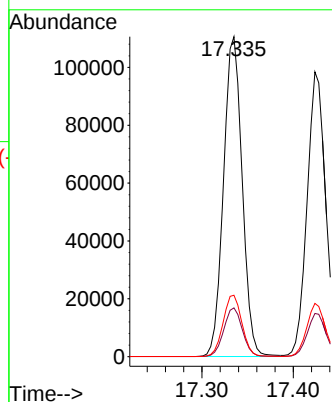
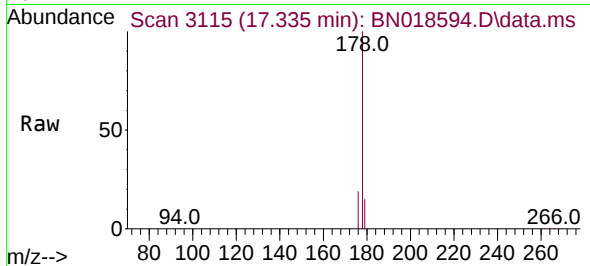




#15
Phenanthrene
Concen: 3.103 ng/u1
RT: 17.335 min Scan# 3115
Delta R.T. -0.000 min
Lab File: BN018594.D
Acq: 11 Feb 2022 13:27

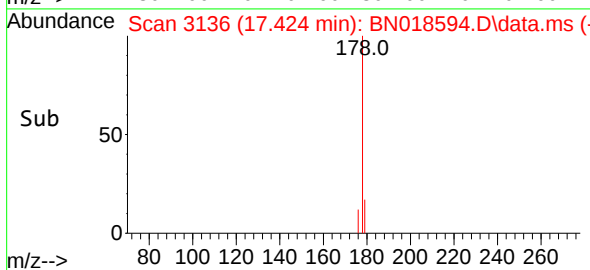
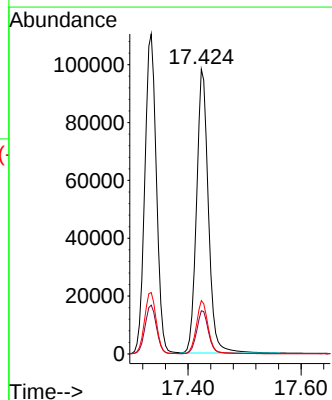
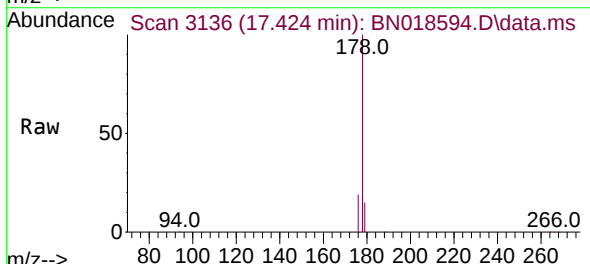
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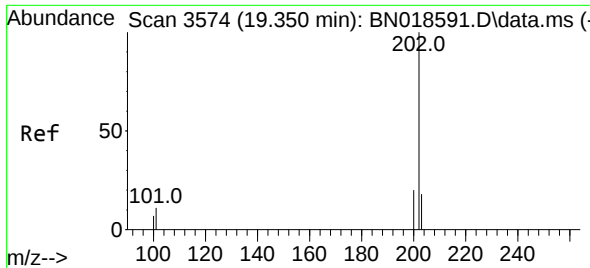
Tgt Ion:178 Resp: 156558
Ion Ratio Lower Upper
178 100
179 15.2 12.2 18.4
176 19.2 15.4 23.2



#16
Anthracene
Concen: 3.529 ng/u1
RT: 17.424 min Scan# 3136
Delta R.T. -0.004 min
Lab File: BN018594.D
Acq: 11 Feb 2022 13:27

Tgt Ion:178 Resp: 142711
Ion Ratio Lower Upper
178 100
179 15.2 12.3 18.5
176 18.7 15.5 23.3

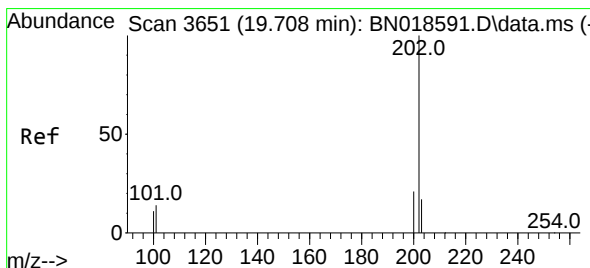
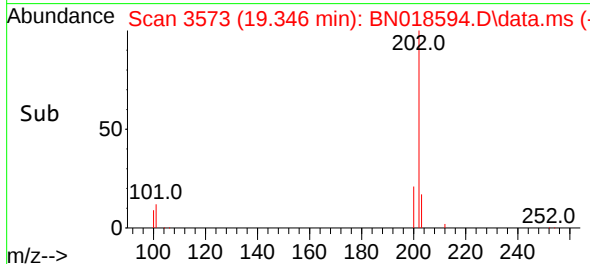
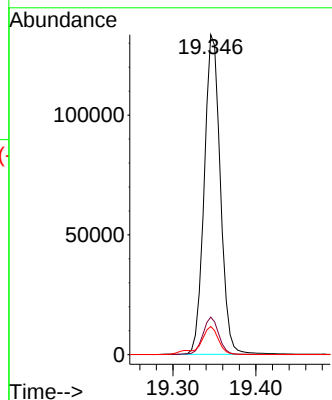
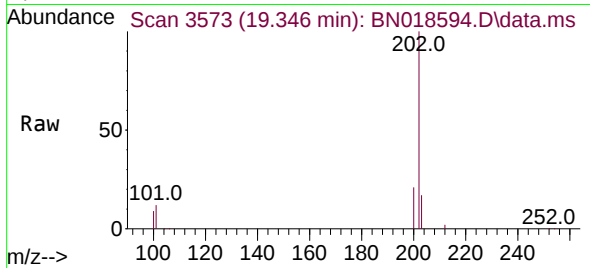




#19
Fluoranthene
Concen: 3.403 ng/u1
RT: 19.346 min Scan# 3574
Delta R.T. -0.005 min
Lab File: BN018594.D
Acq: 11 Feb 2022 13:27

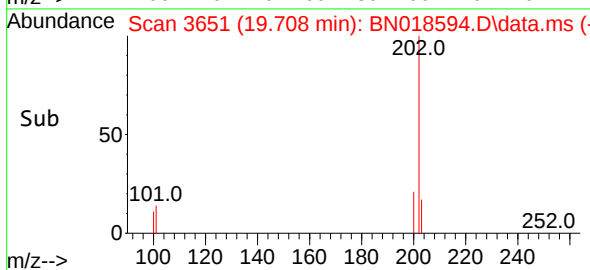
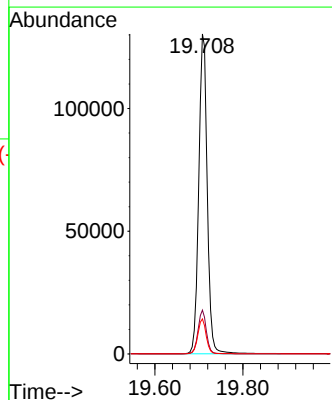
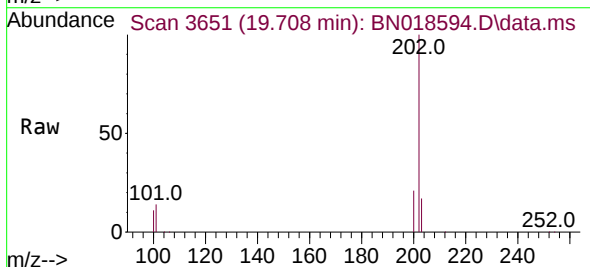
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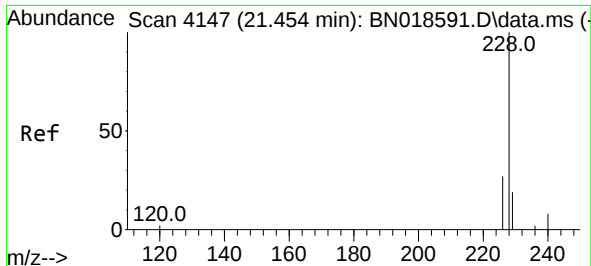
Tgt Ion:202 Resp: 180275
Ion Ratio Lower Upper
202 100
101 11.8 7.5 11.3#
100 8.8 5.4 8.2#



#20
Pyrene
Concen: 3.199 ng/u1
RT: 19.708 min Scan# 3651
Delta R.T. -0.000 min
Lab File: BN018594.D
Acq: 11 Feb 2022 13:27

Tgt Ion:202 Resp: 174451
Ion Ratio Lower Upper
202 100
101 13.7 9.0 13.4#
100 11.0 7.0 10.4#

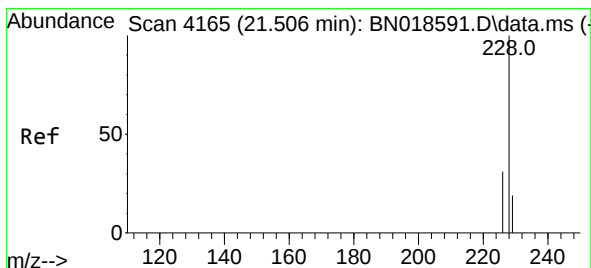
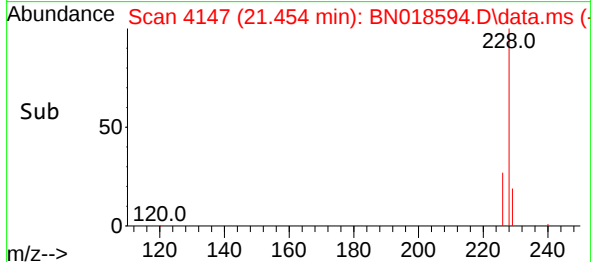
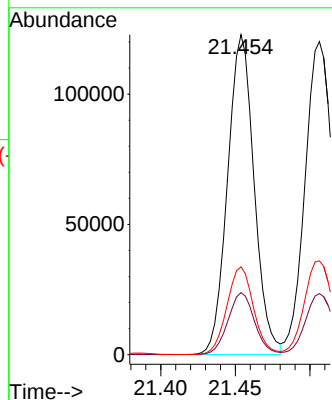
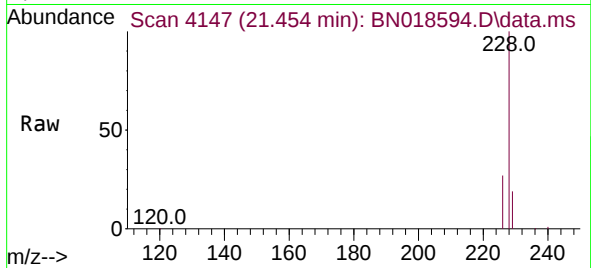




#21
Benzo(a)anthracene
Concen: 3.569 ng/ul
RT: 21.454 min Scan# 4147
Delta R.T. -0.000 min
Lab File: BN018594.D
Acq: 11 Feb 2022 13:27

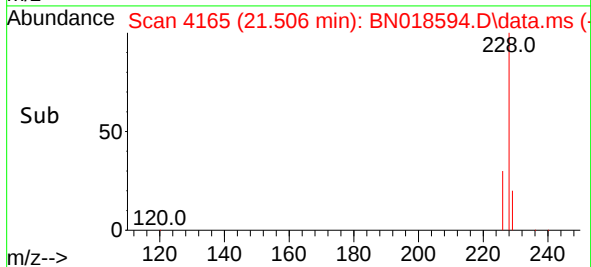
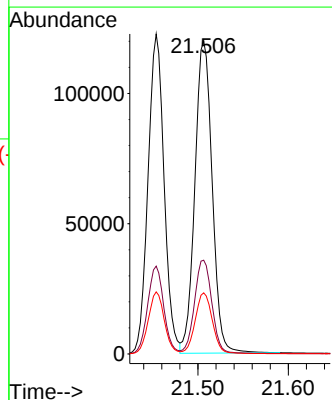
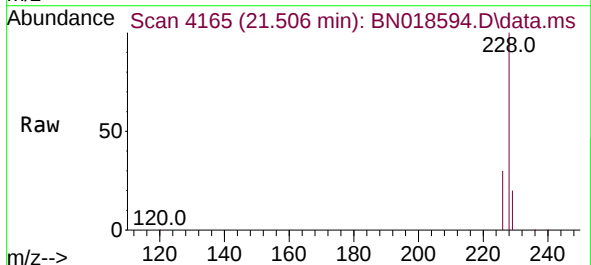
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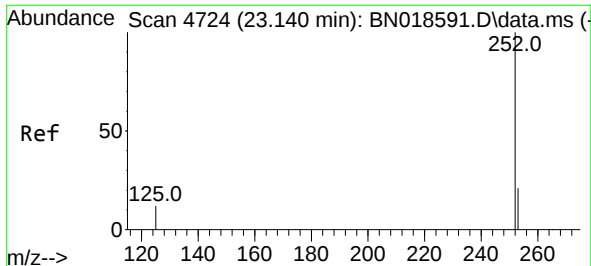
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Ion Ratio Lower Upper
228 100
229 19.4 15.6 23.4
226 27.5 22.1 33.1



#22
Chrysene
Concen: 3.069 ng/ul
RT: 21.506 min Scan# 4165
Delta R.T. -0.000 min
Lab File: BN018594.D
Acq: 11 Feb 2022 13:27

Tgt Ion:228 Resp: 159463
Ion Ratio Lower Upper
228 100
226 29.9 24.2 36.4
229 19.5 15.7 23.5

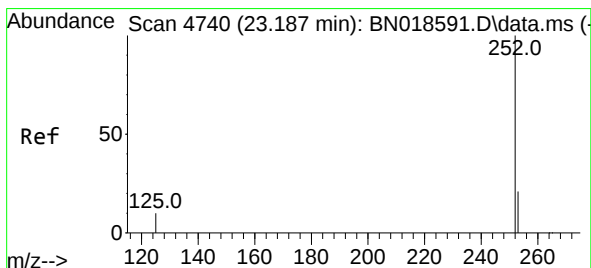
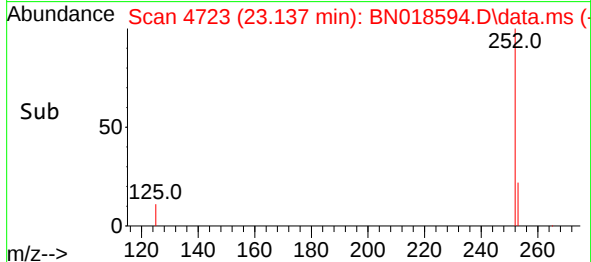
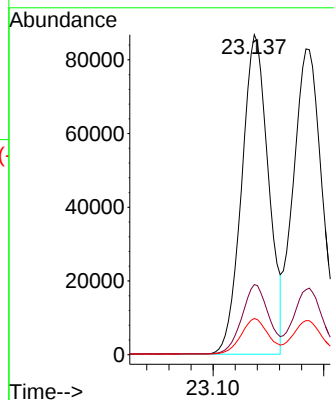
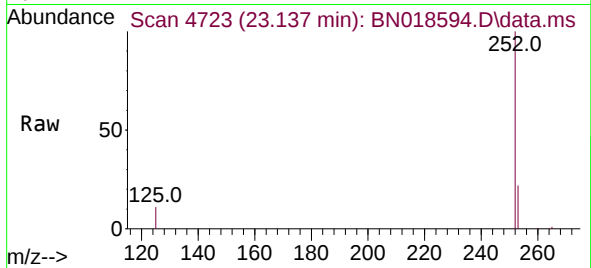




#24
Benzo(b)fluoranthene
Concen: 3.455 ng/ul
RT: 23.137 min Scan# 4723
Delta R.T. -0.003 min
Lab File: BN018594.D
Acq: 11 Feb 2022 13:27

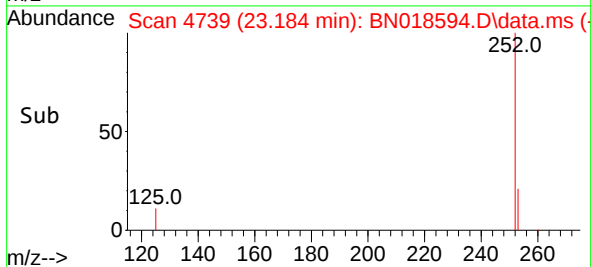
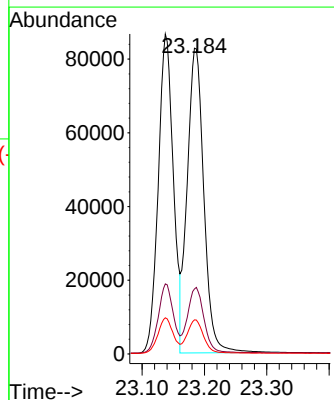
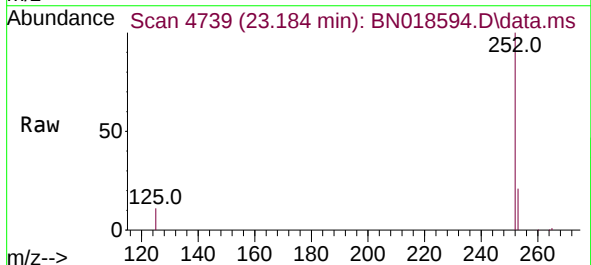
Instrument :
BNA_N
ClientSampleId :
SSTD3.2248

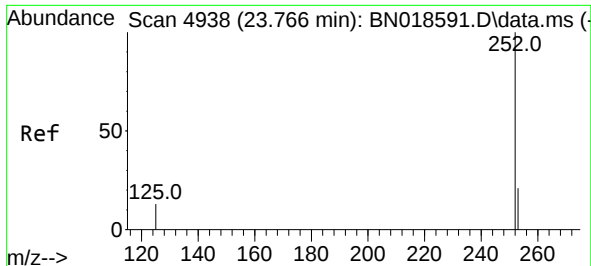
Tgt Ion:252 Resp: 145716
Ion Ratio Lower Upper
252 100
253 21.9 0.0 46.4
125 11.3 0.0 17.8



#25
Benzo(k)fluoranthene
Concen: 3.471 ng/ul
RT: 23.184 min Scan# 4739
Delta R.T. -0.003 min
Lab File: BN018594.D
Acq: 11 Feb 2022 13:27

Tgt Ion:252 Resp: 153186
Ion Ratio Lower Upper
252 100
253 21.2 18.6 28.0
125 11.2 7.3 10.9#

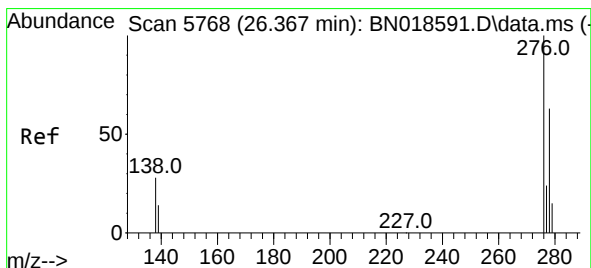
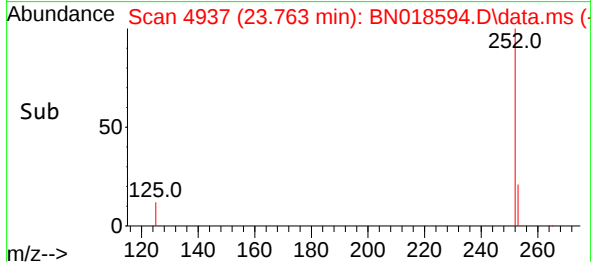
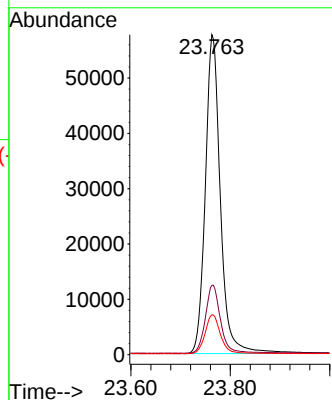
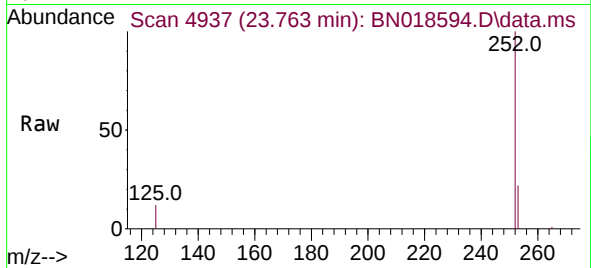




#26
Benzo(a)pyrene
Concen: 3.552 ng/ul
RT: 23.763 min Scan# 4938
Delta R.T. -0.003 min
Lab File: BN018594.D
Acq: 11 Feb 2022 13:27

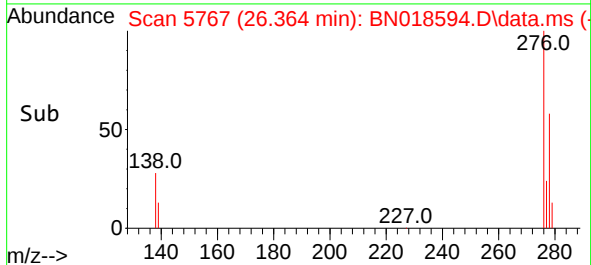
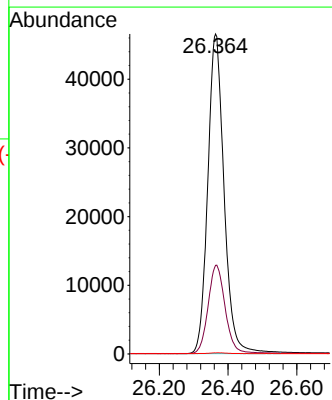
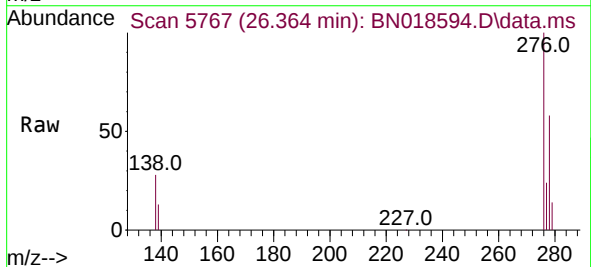
Instrument :
BNA_N
ClientSampleId :
SSTD3.2248

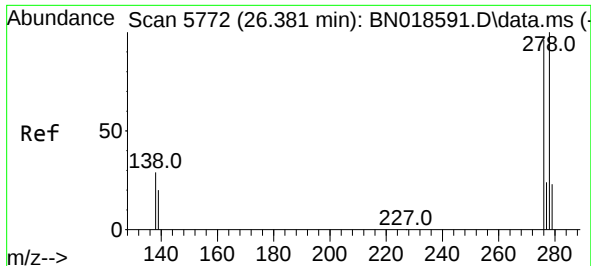
Tgt Ion:252 Resp: 120881
Ion Ratio Lower Upper
252 100
253 21.7 18.9 28.3
125 12.4 8.2 12.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.409 ng/ul
RT: 26.364 min Scan# 5767
Delta R.T. -0.003 min
Lab File: BN018594.D
Acq: 11 Feb 2022 13:27

Tgt Ion:276 Resp: 153134
Ion Ratio Lower Upper
276 100
138 29.0 16.5 24.7#
227 0.2 0.1 0.1#

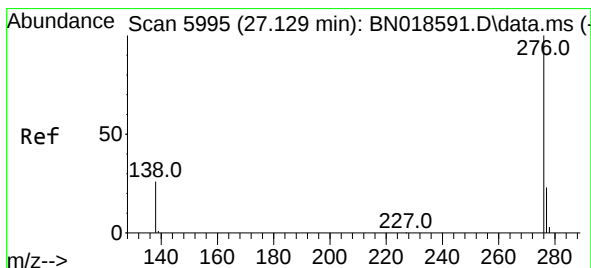
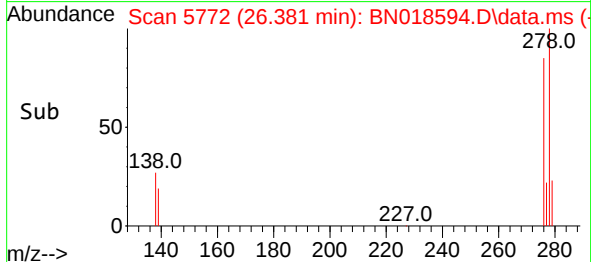
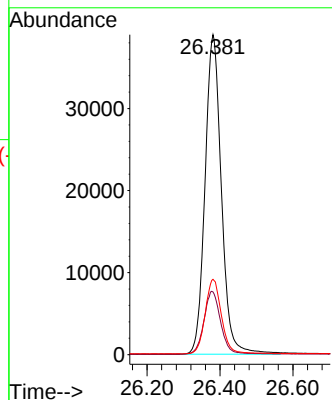
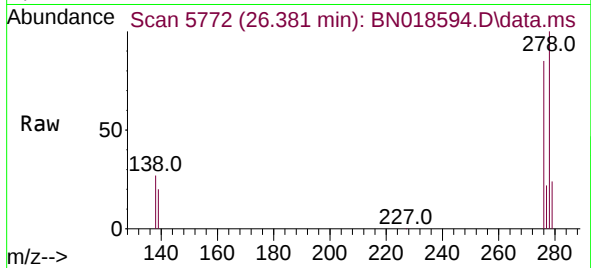




#28
Dibenzo(a,h)anthracene
Concen: 3.461 ng/ul
RT: 26.381 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN018594.D
Acq: 11 Feb 2022 13:27

Instrument :
BNA_N
ClientSampleId :
SSTD3.2248

Tgt Ion:278 Resp: 121525
Ion Ratio Lower Upper
278 100
139 19.6 11.9 17.9#
279 23.5 19.5 29.3



#29
Benzo(g,h,i)perylene
Concen: 3.162 ng/ul
RT: 27.125 min Scan# 5994
Delta R.T. -0.003 min
Lab File: BN018594.D
Acq: 11 Feb 2022 13:27

Tgt Ion:276 Resp: 126557
Ion Ratio Lower Upper
276 100
138 25.1 14.4 21.6#
277 23.5 19.2 28.8

