

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021122\
 Data File : BN018595.D
 Acq On : 11 Feb 2022 14:42
 Operator : CG/JU
 Sample : SSTD0.244
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.2249

Quant Time: Feb 11 15:20:56 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 15:13:03 2022
 Response via : Initial Calibration

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

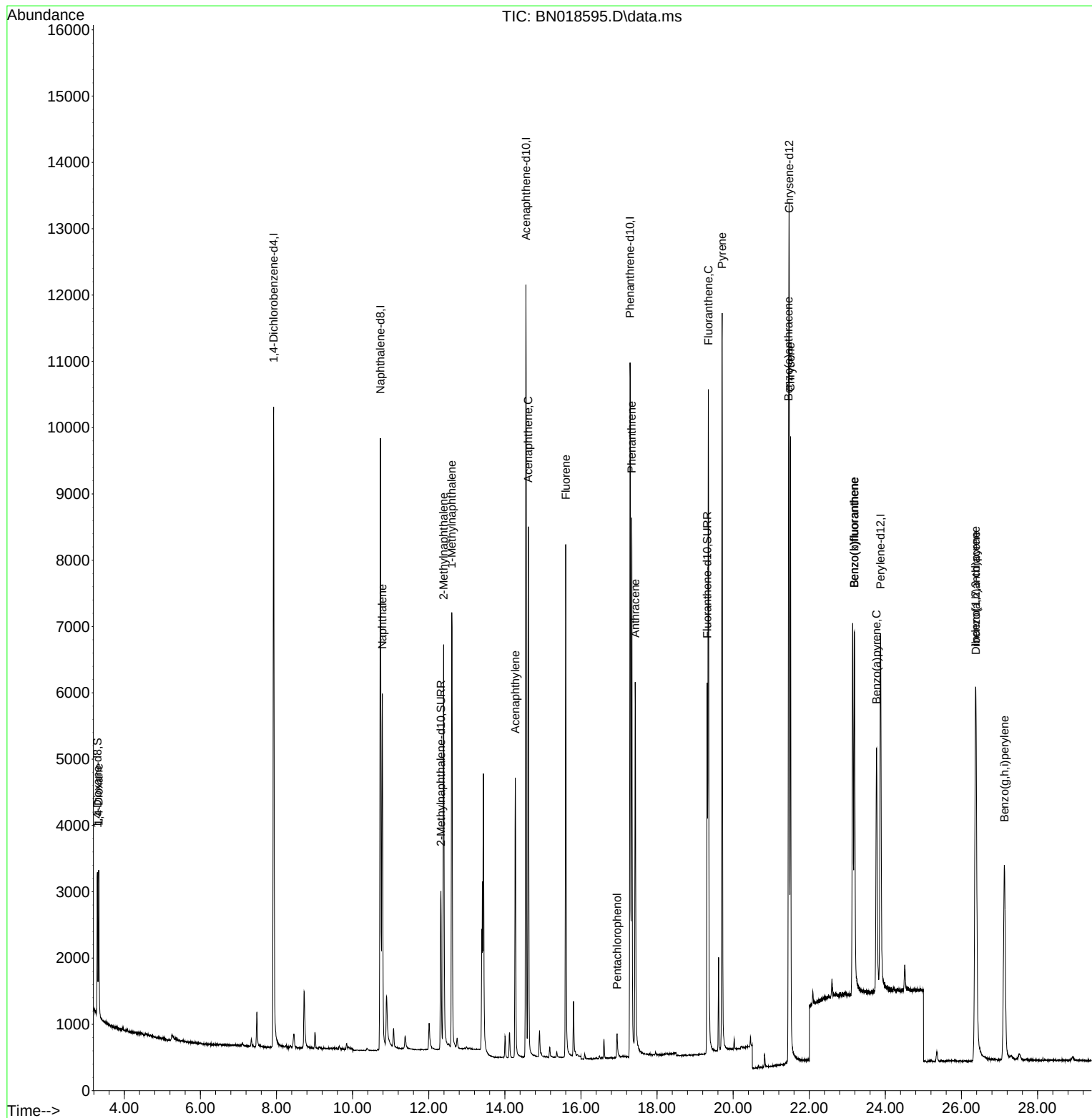
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.925	152	5422	0.400	ng/ul	0.00
4) Naphthalene-d8	10.730	136	12952	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.556	164	6498	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.292	188	12758	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.473	240	9733	0.400	ng/ul	# 0.00
23) Perylene-d12	23.872	264	7961	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	1379	0.211	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.320	152	3444	0.199	ng/ul	0.00
18) Fluoranthene-d10	19.321	212	6261	0.202	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.327	88	1487	0.218	ng/ul#	81
5) Naphthalene	10.780	128	7431	0.201	ng/ul	100
7) 2-Methylnaphthalene	12.391	142	4651	0.198	ng/ul	100
8) 1-Methylnaphthalene	12.606	142	4721	0.199	ng/ul	99
10) Acenaphthylene	14.274	152	5253	0.196	ng/ul	98
11) Acenaphthene	14.616	153	4726	0.200	ng/ul	98
12) Fluorene	15.601	166	5116	0.195	ng/ul	99
14) Pentachlorophenol	16.950	266	328	0.142	ng/ul	99
15) Phenanthrene	17.334	178	8651	0.199	ng/ul	99
16) Anthracene	17.427	178	6721	0.192	ng/ul	98
19) Fluoranthene	19.349	202	8814	0.196	ng/ul#	93
20) Pyrene	19.711	202	9741	0.214	ng/ul#	95
21) Benzo(a)anthracene	21.455	228	6878	0.199	ng/ul	99
22) Chrysene	21.508	228	8383	0.201	ng/ul	98
24) Benzo(b)fluoranthene	23.185	252	8100	0.209	ng/ul	89
25) Benzo(k)fluoranthene	23.185	252	8130	0.200	ng/ul#	90
26) Benzo(a)pyrene	23.767	252	6201	0.198	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	26.369	276	7998	0.192	ng/ul#	79
28) Dibenzo(a,h)anthracene	26.382	278	6324	0.191	ng/ul#	85
29) Benzo(g,h,i)perylene	27.130	276	6812	0.192	ng/ul#	88

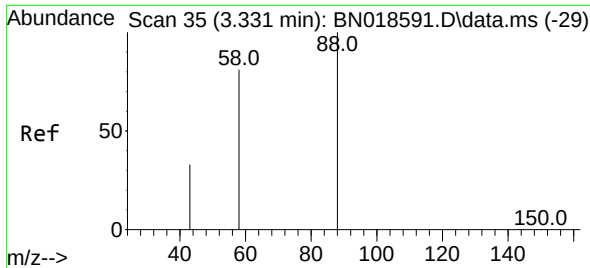
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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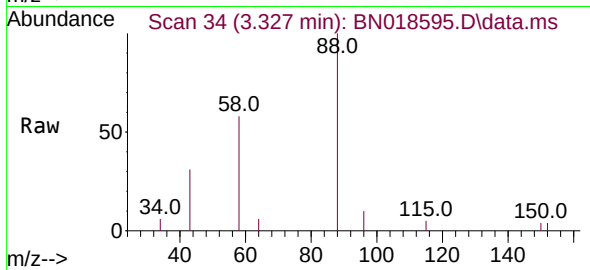
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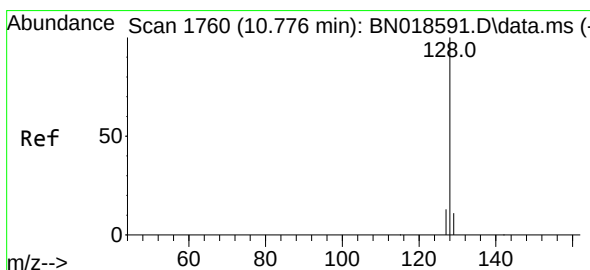
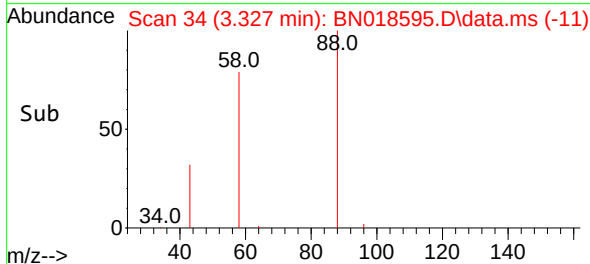
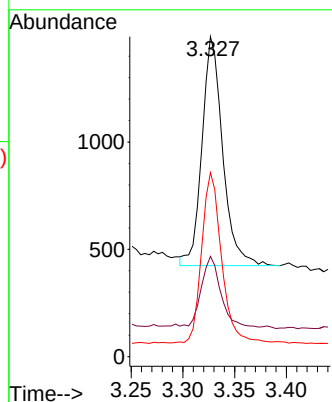
#2
1,4-Dioxane
Concen: 0.218 ng/ul
RT: 3.327 min Scan# 34
Delta R.T. -0.004 min
Lab File: BN018595.D
Acq: 11 Feb 2022 14:42

Instrument :
BNA_N
ClientSampleId :
SSTD0.2249



Tgt Ion: 88 Resp: 1487

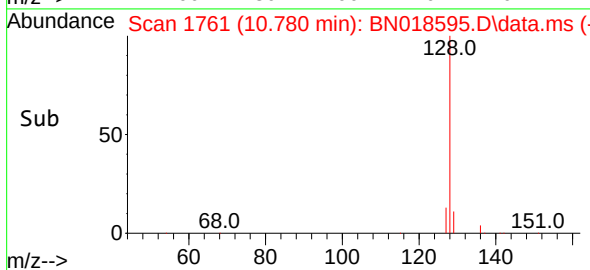
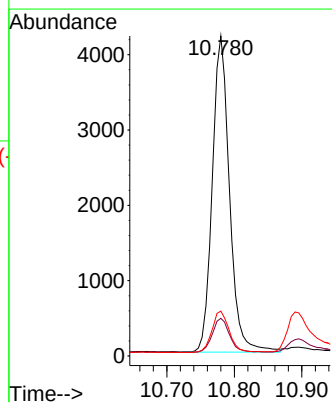
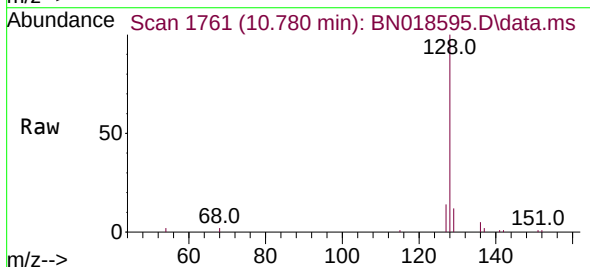
Ion	Ratio	Lower	Upper
88	100		
43	31.3	47.8	71.8#
58	57.5	46.2	69.2

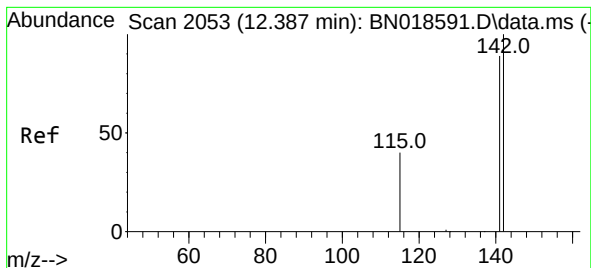


#5
Naphthalene
Concen: 0.201 ng/ul
RT: 10.780 min Scan# 1761
Delta R.T. 0.004 min
Lab File: BN018595.D
Acq: 11 Feb 2022 14:42

Tgt Ion: 128 Resp: 7431

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.4	14.0
127	14.0	11.0	16.6





#7

2-Methylnaphthalene

Concen: 0.198 ng/ul

RT: 12.391 min Scan# 2054

Delta R.T. 0.004 min

Lab File: BN018595.D

Acq: 11 Feb 2022 14:42

Instrument :

BNA_N

ClientSampleId :

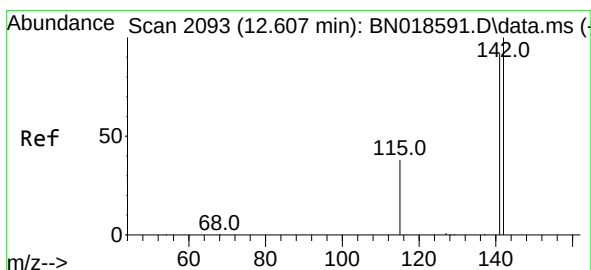
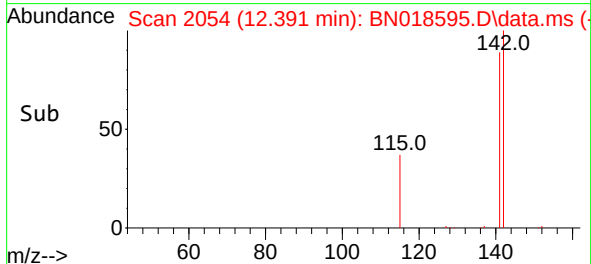
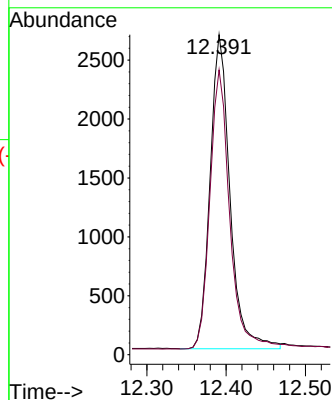
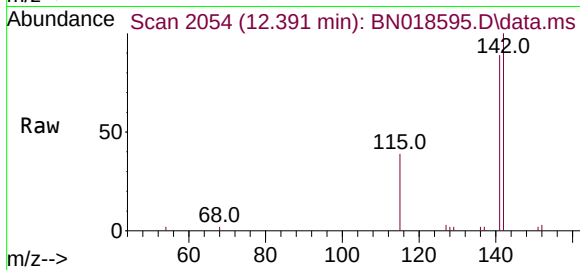
SSTD0.2249

Tgt Ion:142 Resp: 4651

Ion Ratio Lower Upper

142 100

141 88.7 70.9 106.3



#8

1-Methylnaphthalene

Concen: 0.199 ng/ul

RT: 12.606 min Scan# 2093

Delta R.T. -0.001 min

Lab File: BN018595.D

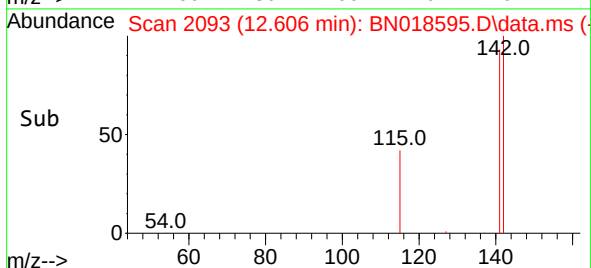
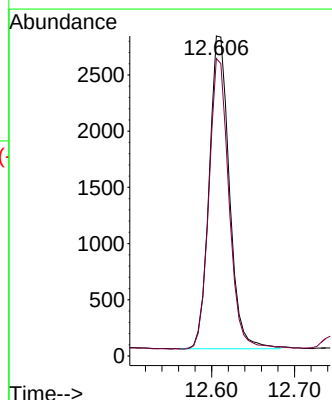
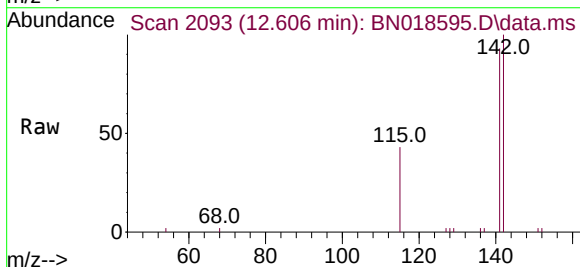
Acq: 11 Feb 2022 14:42

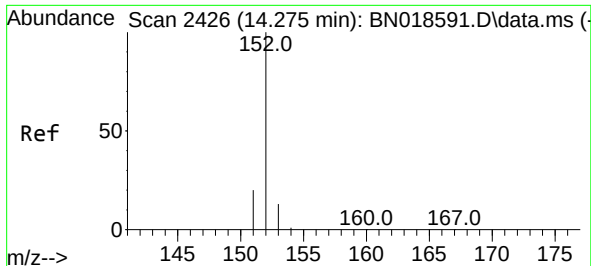
Tgt Ion:142 Resp: 4721

Ion Ratio Lower Upper

142 100

141 92.4 73.2 109.8

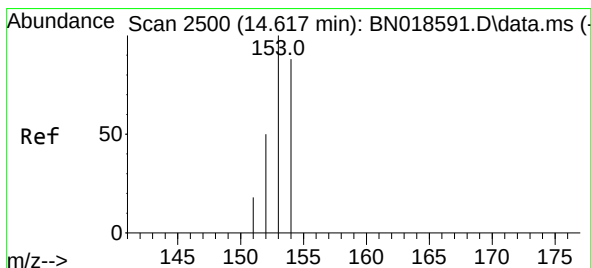
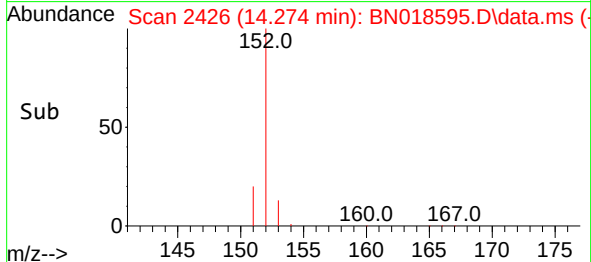
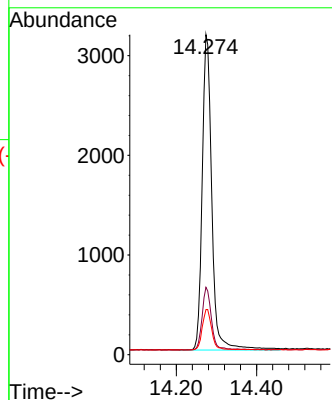
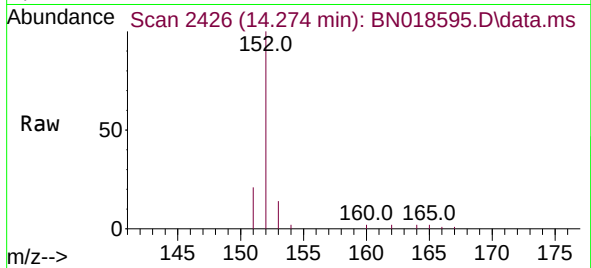




#10
Acenaphthylene
Concen: 0.196 ng/ul
RT: 14.274 min Scan# 2426
Delta R.T. -0.001 min
Lab File: BN018595.D
Acq: 11 Feb 2022 14:42

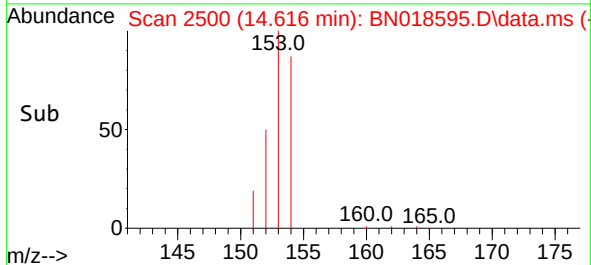
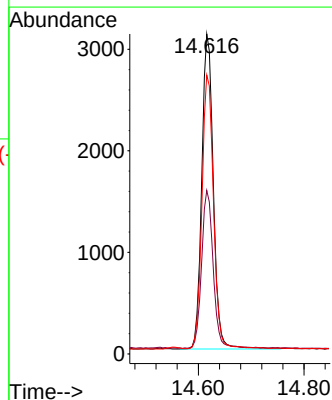
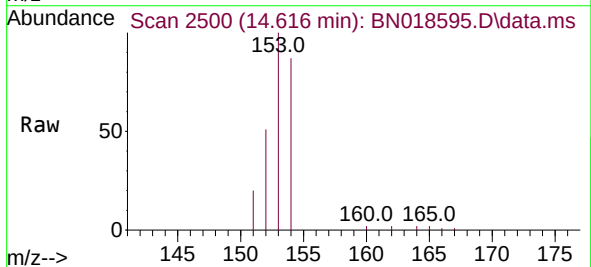
Instrument :
BNA_N
ClientSampleId :
SSTD0.2249

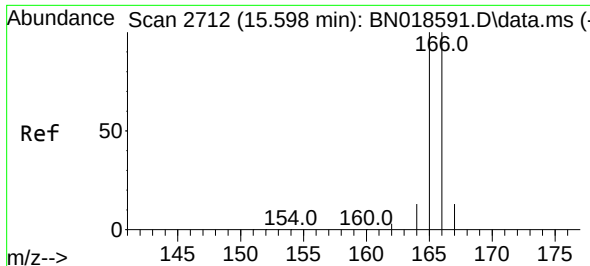
Tgt Ion:152 Resp: 5253
Ion Ratio Lower Upper
152 100
151 21.1 15.8 23.8
153 14.1 10.7 16.1



#11
Acenaphthene
Concen: 0.200 ng/ul
RT: 14.616 min Scan# 2500
Delta R.T. -0.001 min
Lab File: BN018595.D
Acq: 11 Feb 2022 14:42

Tgt Ion:153 Resp: 4726
Ion Ratio Lower Upper
153 100
152 51.1 39.7 59.5
154 87.1 70.9 106.3

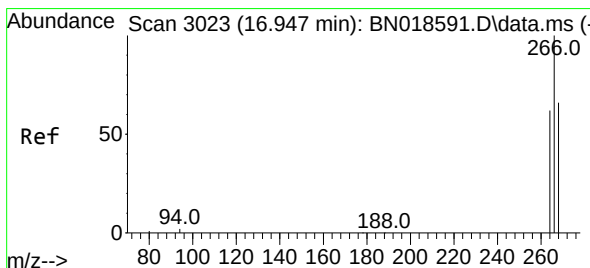
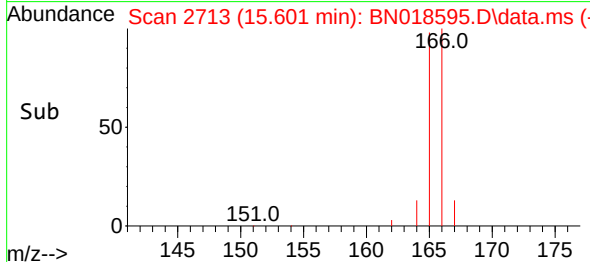
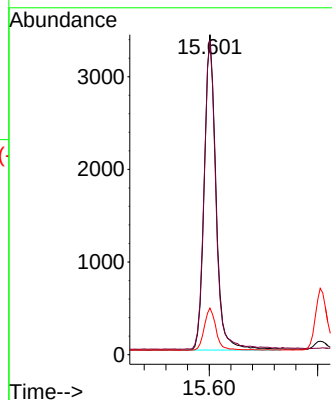
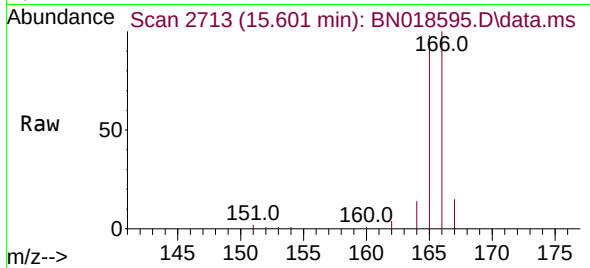




#12
 Fluorene
 Concen: 0.195 ng/ul
 RT: 15.601 min Scan# 2713
 Delta R.T. 0.003 min
 Lab File: BN018595.D
 Acq: 11 Feb 2022 14:42

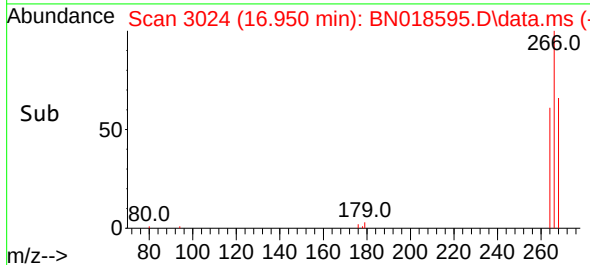
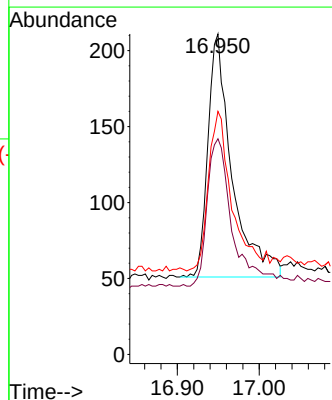
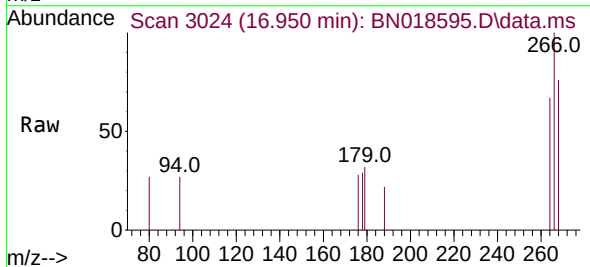
Instrument :
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 ClientSampleId :
 SSTD0.2249

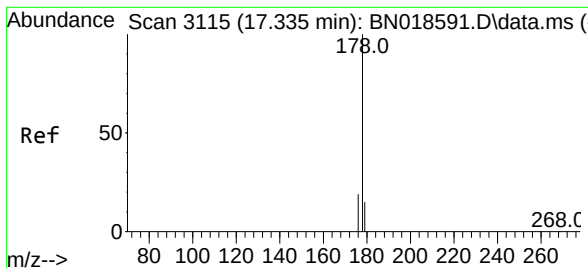
Tgt Ion:166 Resp: 5116
 Ion Ratio Lower Upper
 166 100
 165 98.2 77.8 116.6
 167 14.6 11.6 17.4



#14
 Pentachlorophenol
 Concen: 0.142 ng/ul
 RT: 16.950 min Scan# 3024
 Delta R.T. 0.003 min
 Lab File: BN018595.D
 Acq: 11 Feb 2022 14:42

Tgt Ion:266 Resp: 328
 Ion Ratio Lower Upper
 266 100
 264 63.4 49.9 74.9
 268 65.9 51.7 77.5





#15

Phenanthrene

Concen: 0.199 ng/ul

RT: 17.334 min Scan# 3115

Delta R.T. -0.001 min

Lab File: BN018595.D

Acq: 11 Feb 2022 14:42

Instrument :

BNA_N

ClientSampleId :

SSTD0.2249

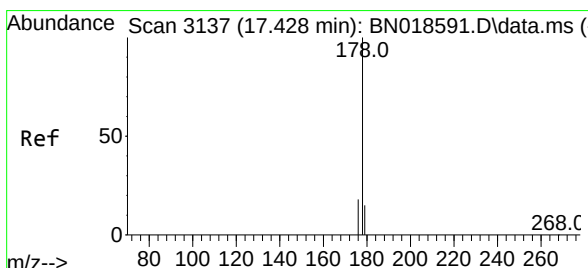
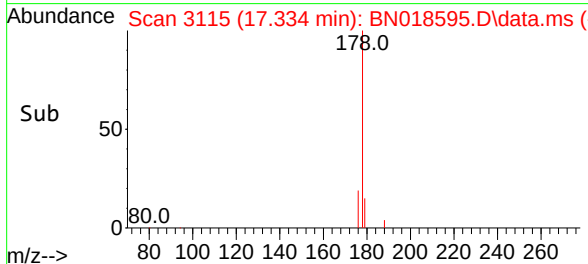
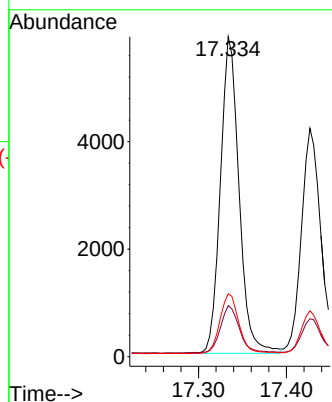
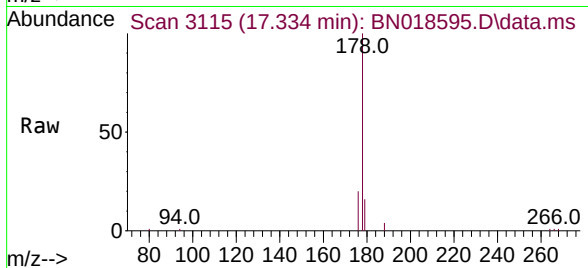
Tgt Ion:178 Resp: 8651

Ion Ratio Lower Upper

178 100

179 15.9 12.2 18.4

176 19.6 15.4 23.2



#16

Anthracene

Concen: 0.192 ng/ul

RT: 17.427 min Scan# 3137

Delta R.T. -0.001 min

Lab File: BN018595.D

Acq: 11 Feb 2022 14:42

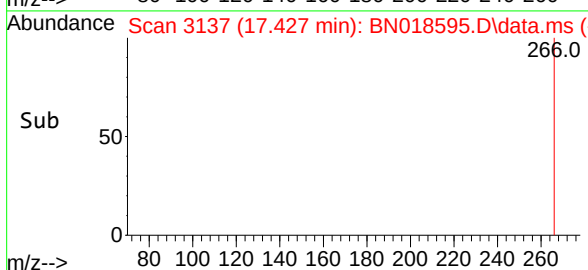
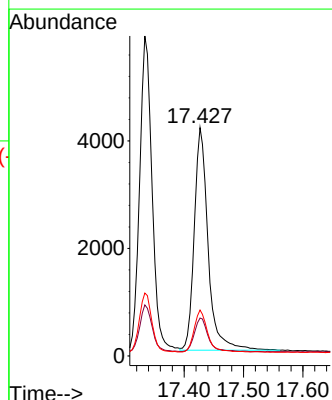
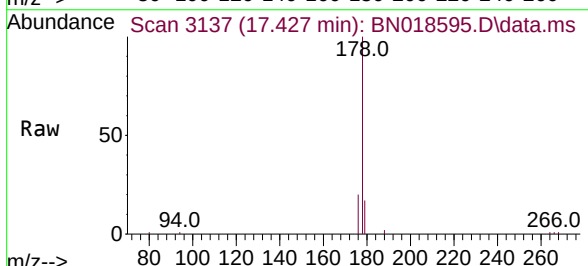
Tgt Ion:178 Resp: 6721

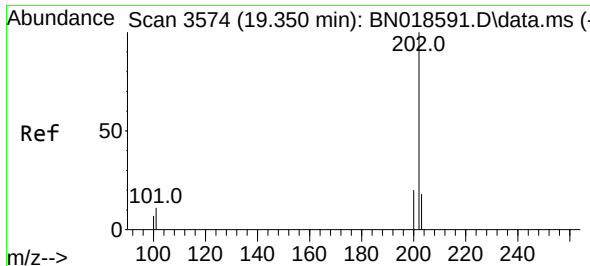
Ion Ratio Lower Upper

178 100

179 16.6 12.3 18.5

176 20.1 15.5 23.3

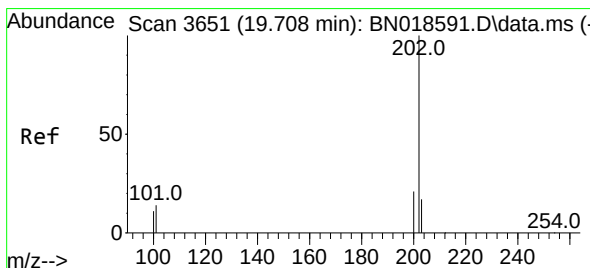
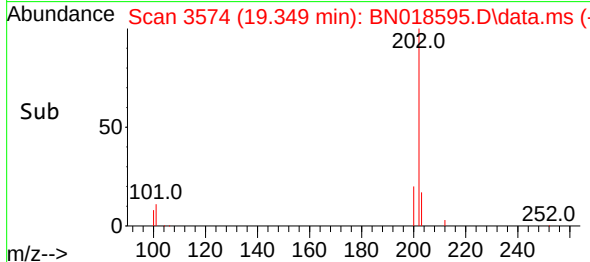
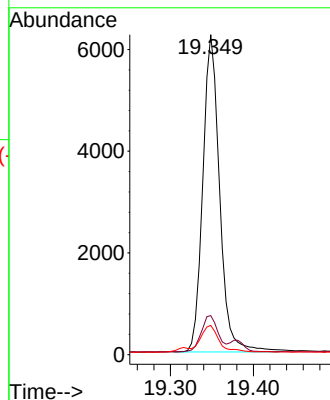
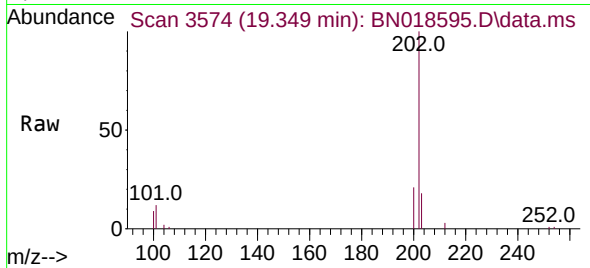




#19
Fluoranthene
Concen: 0.196 ng/ul
RT: 19.349 min Scan# 3574
Delta R.T. -0.002 min
Lab File: BN018595.D
Acq: 11 Feb 2022 14:42

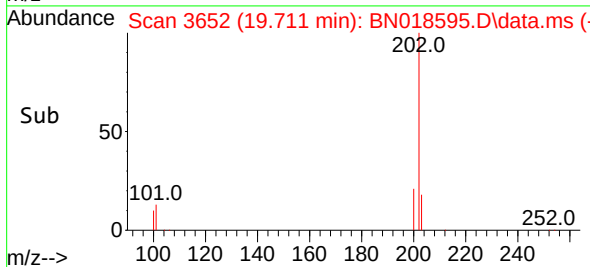
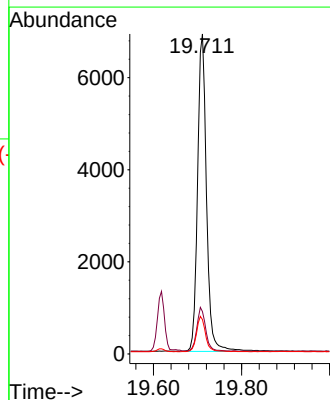
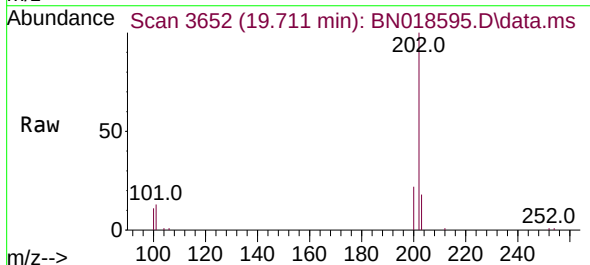
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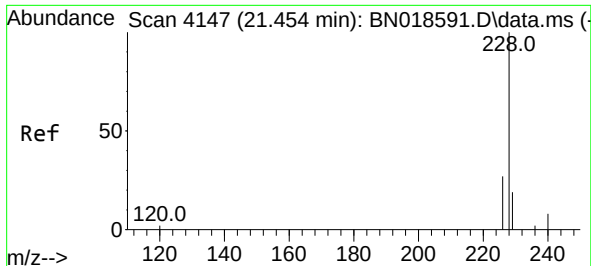
Tgt Ion:202 Resp: 8814
Ion Ratio Lower Upper
202 100
101 12.2 7.5 11.3#
100 9.2 5.4 8.2#



#20
Pyrene
Concen: 0.214 ng/ul
RT: 19.711 min Scan# 3652
Delta R.T. 0.003 min
Lab File: BN018595.D
Acq: 11 Feb 2022 14:42

Tgt Ion:202 Resp: 9741
Ion Ratio Lower Upper
202 100
101 13.2 9.0 13.4
100 10.7 7.0 10.4#

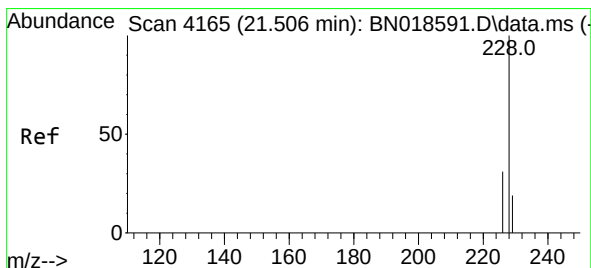
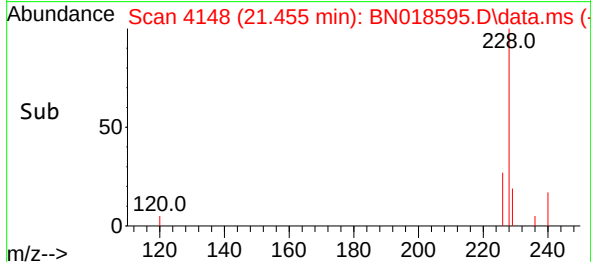
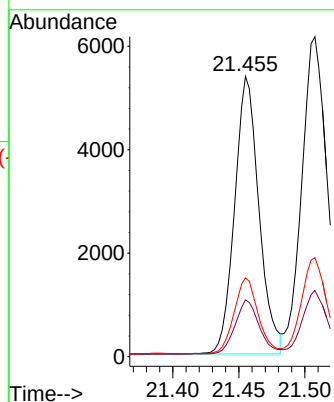
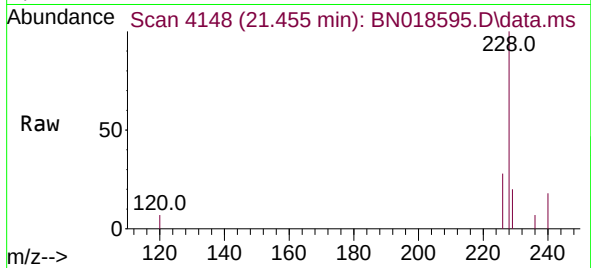




#21
Benzo(a)anthracene
Concen: 0.199 ng/ul
RT: 21.455 min Scan# 4147
Delta R.T. 0.001 min
Lab File: BN018595.D
Acq: 11 Feb 2022 14:42

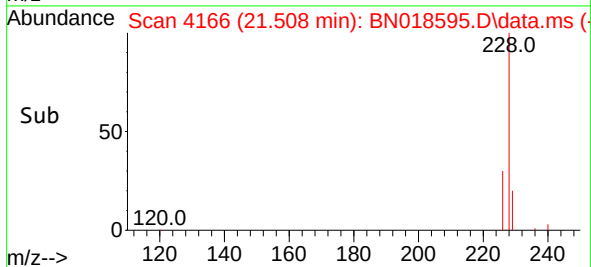
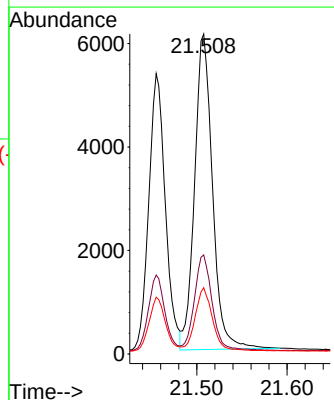
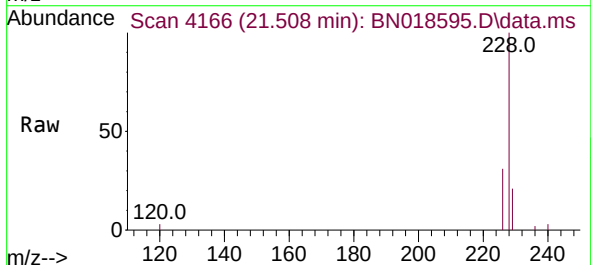
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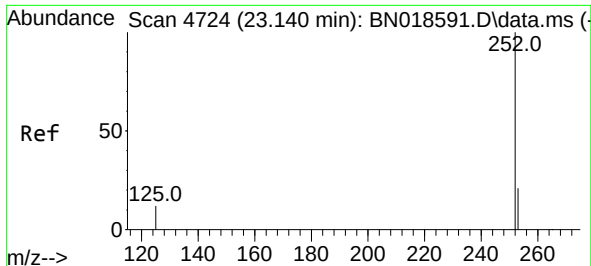
Tgt Ion:228 Resp: 6878
Ion Ratio Lower Upper
228 100
229 20.2 15.6 23.4
226 28.1 22.1 33.1



#22
Chrysene
Concen: 0.201 ng/ul
RT: 21.508 min Scan# 4166
Delta R.T. 0.001 min
Lab File: BN018595.D
Acq: 11 Feb 2022 14:42

Tgt Ion:228 Resp: 8383
Ion Ratio Lower Upper
228 100
226 30.9 24.2 36.4
229 20.7 15.7 23.5

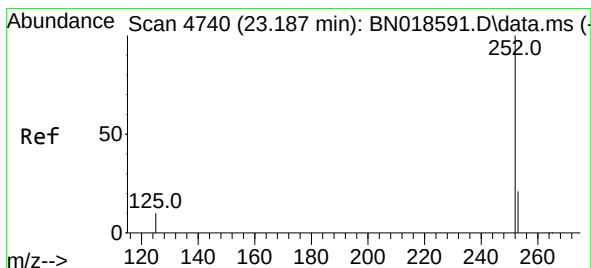
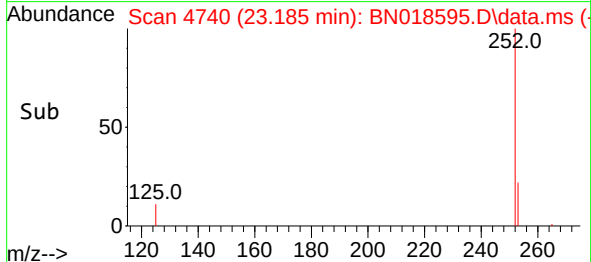
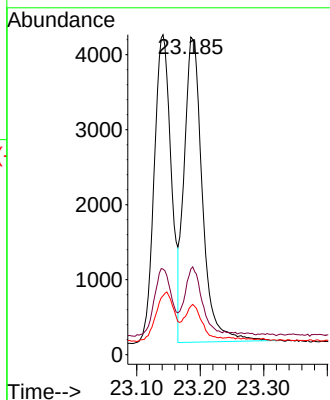
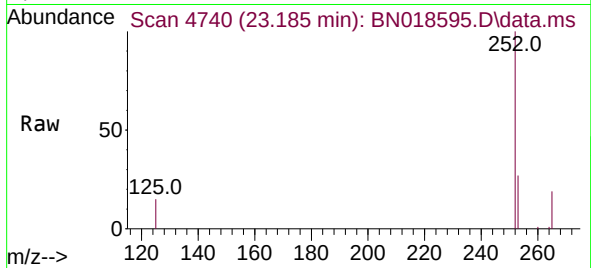




#24
Benzo(b)fluoranthene
Concen: 0.209 ng/ul
RT: 23.185 min Scan# 4740
Delta R.T. 0.045 min
Lab File: BN018595.D
Acq: 11 Feb 2022 14:42

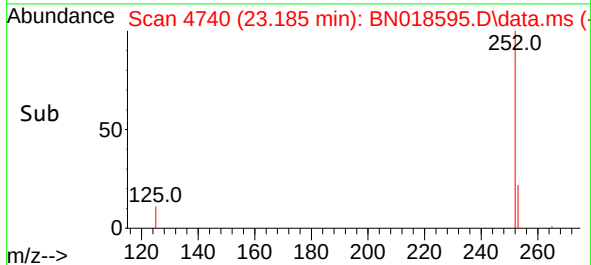
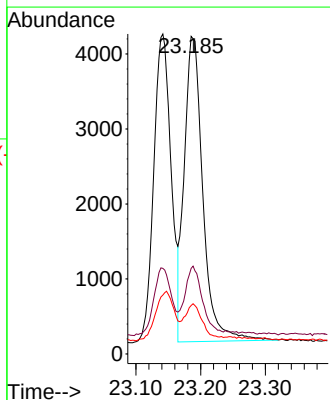
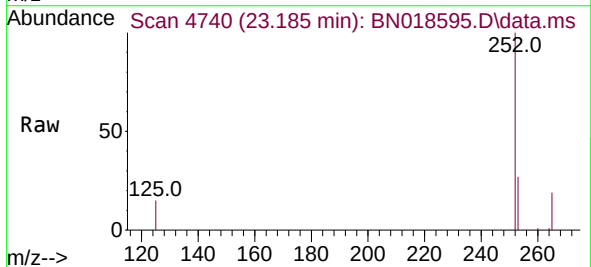
Instrument :
BNA_N
ClientSampleId :
SSTD0.2249

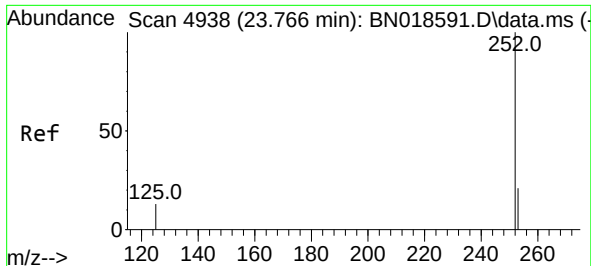
Tgt Ion:252 Resp: 8100
Ion Ratio Lower Upper
252 100
253 27.0 0.0 46.4
125 15.3 0.0 17.8



#25
Benzo(k)fluoranthene
Concen: 0.200 ng/ul
RT: 23.185 min Scan# 4740
Delta R.T. -0.002 min
Lab File: BN018595.D
Acq: 11 Feb 2022 14:42

Tgt Ion:252 Resp: 8130
Ion Ratio Lower Upper
252 100
253 27.0 18.6 28.0
125 15.3 7.3 10.9#

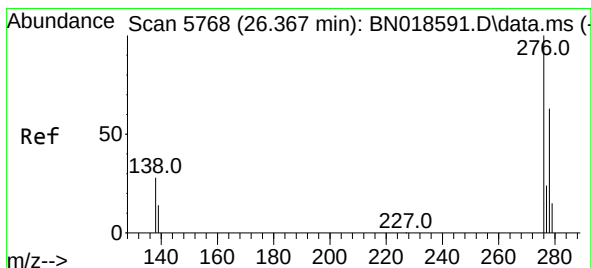
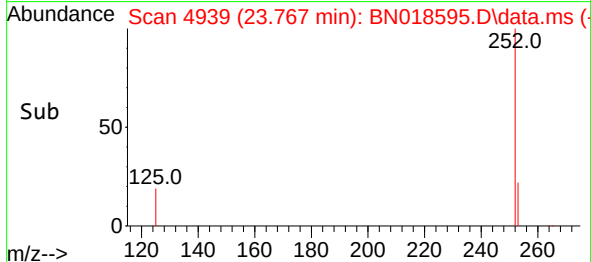
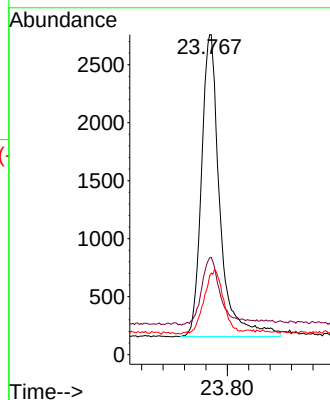
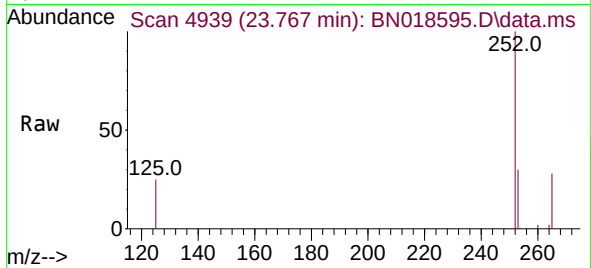




#26
Benzo(a)pyrene
Concen: 0.198 ng/ul
RT: 23.767 min Scan# 4938
Delta R.T. 0.001 min
Lab File: BN018595.D
Acq: 11 Feb 2022 14:42

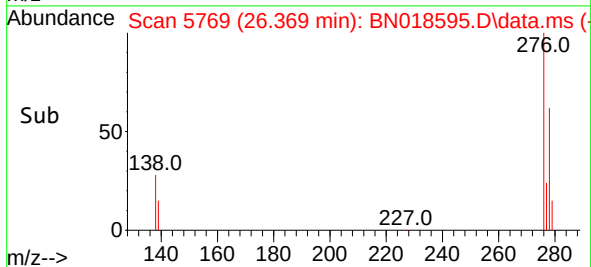
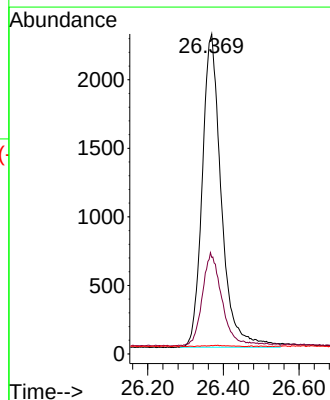
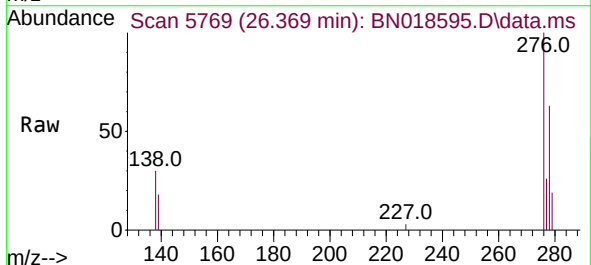
Instrument :
BNA_N
ClientSampleId :
SSTD0.2249

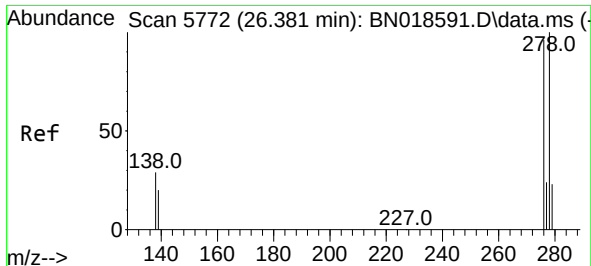
Tgt Ion:252 Resp: 6201
Ion Ratio Lower Upper
252 100
253 30.2 18.9 28.3#
125 24.6 8.2 12.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.192 ng/ul
RT: 26.369 min Scan# 5769
Delta R.T. 0.002 min
Lab File: BN018595.D
Acq: 11 Feb 2022 14:42

Tgt Ion:276 Resp: 7998
Ion Ratio Lower Upper
276 100
138 30.4 16.5 24.7#
227 0.1 0.1 0.1#

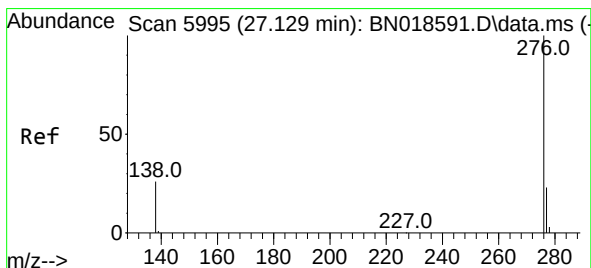
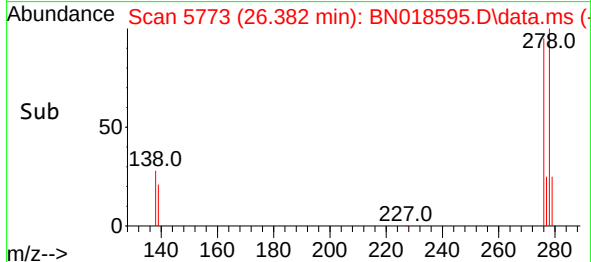
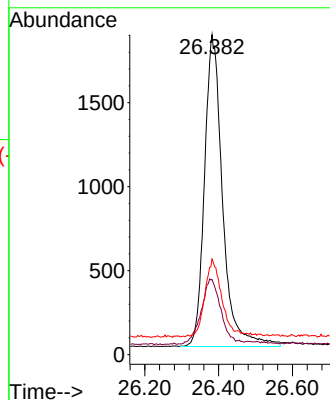
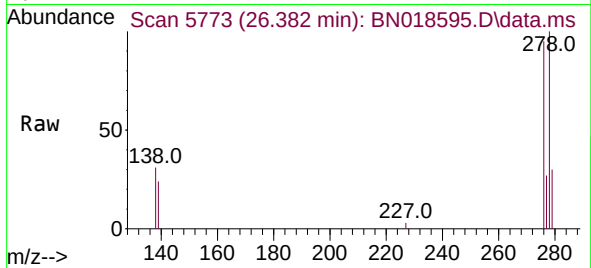




#28
 Dibenzo(a,h)anthracene
 Concen: 0.191 ng/ul
 RT: 26.382 min Scan# 51
 Delta R.T. 0.002 min
 Lab File: BN018595.D
 Acq: 11 Feb 2022 14:42

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.2249

Tgt Ion:278 Resp: 6324
 Ion Ratio Lower Upper
 278 100
 139 23.5 11.9 17.9#
 279 29.9 19.5 29.3#



#29
 Benzo(g,h,i)perylene
 Concen: 0.192 ng/ul
 RT: 27.130 min Scan# 5996
 Delta R.T. 0.002 min
 Lab File: BN018595.D
 Acq: 11 Feb 2022 14:42

Tgt Ion:276 Resp: 6812
 Ion Ratio Lower Upper
 276 100
 138 27.1 14.4 21.6#
 277 26.3 19.2 28.8

