

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122121\
 Data File : BN018139.D
 Acq On : 21 Dec 2021 22:59
 Operator : CG/JU
 Sample : SSTD3.255
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD3.2206

Quant Time: Dec 22 03:06:40 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 22 03:03:54 2021
 Response via : Initial Calibration

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

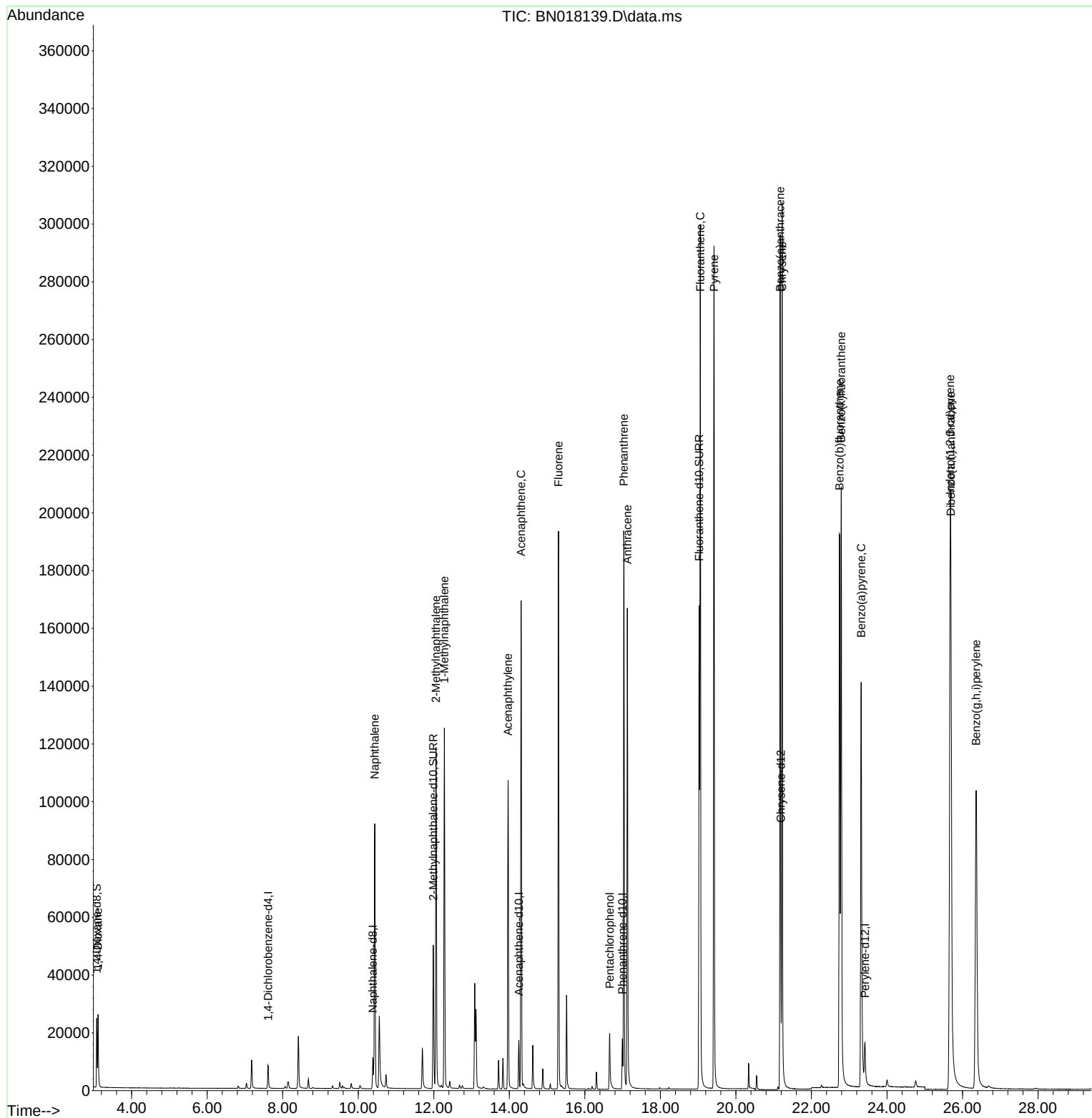
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	4486	0.400	ng/ul	0.00
4) Naphthalene-d8	10.387	136	14209	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.253	164	9038	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.994	188	19931	0.400	ng/ul	0.00
17) Chrysene-d12	21.187	240	21694	0.400	ng/ul	0.00
23) Perylene-d12	23.417	264	19101	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.076	96	13997	3.006	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.987	152	65535	3.958	ng/ul	0.00
18) Fluoranthene-d10	19.026	212	185909	3.006	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.109	88	16139	2.951	ng/ul#	86
5) Naphthalene	10.436	128	123970	3.183	ng/ul	98
7) 2-Methylnaphthalene	12.059	142	86764	3.964	ng/ul	100
8) 1-Methylnaphthalene	12.279	142	86270	3.395	ng/ul	100
10) Acenaphthylene	13.966	152	122657	3.349	ng/ul	99
11) Acenaphthene	14.313	153	97024	2.980	ng/ul	99
12) Fluorene	15.303	166	117336	3.271	ng/ul	99
14) Pentachlorophenol	16.656	266	15545	4.454	ng/ul	98
15) Phenanthrene	17.032	178	202344	2.927	ng/ul	100
16) Anthracene	17.125	178	186657	3.433	ng/ul	99
19) Fluoranthene	19.058	202	262573	3.004	ng/ul	98
20) Pyrene	19.421	202	264345	2.701	ng/ul	99
21) Benzo(a)anthracene	21.173	228	248187	3.846	ng/ul	100
22) Chrysene	21.222	228	260456	2.812	ng/ul	100
24) Benzo(b)fluoranthene	22.745	252	248801	3.259	ng/ul	98
25) Benzo(k)fluoranthene	22.789	252	286957	2.818	ng/ul	98
26) Benzo(a)pyrene	23.315	252	228251	3.095	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.672	276	293613	3.537	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.692	278	225695	3.718	ng/ul	96
29) Benzo(g,h,i)perylene	26.363	276	239207	3.361	ng/ul	98

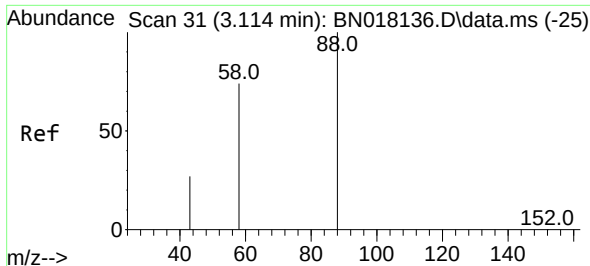
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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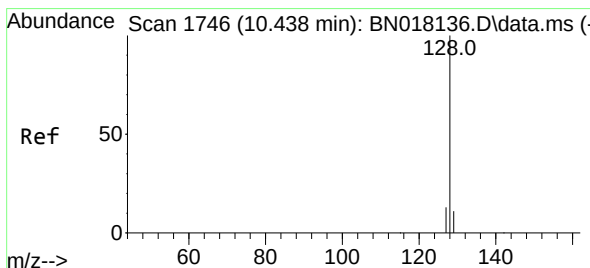
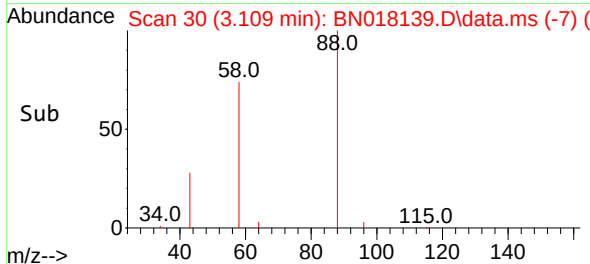
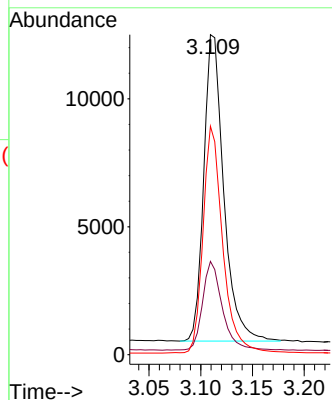
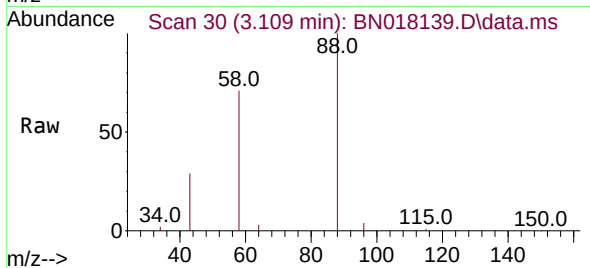




#2
1,4-Dioxane
Concen: 2.951 ng/ul
RT: 3.109 min Scan# 30
Delta R.T. -0.004 min
Lab File: BN018139.D
Acq: 21 Dec 2021 22:59

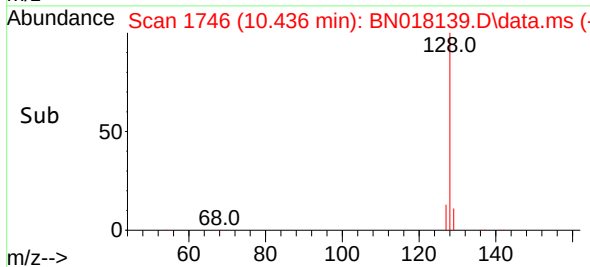
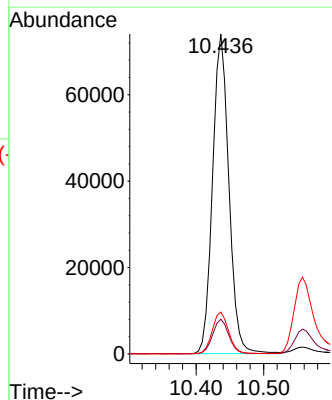
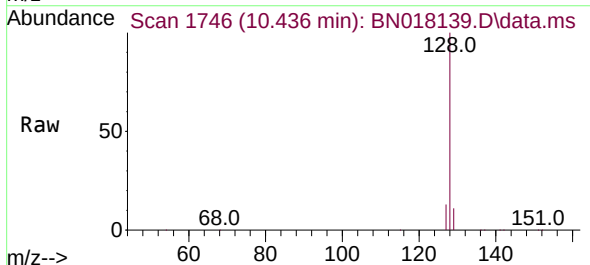
Instrument :
BNA_N
ClientSampleId :
SSTD3.2206

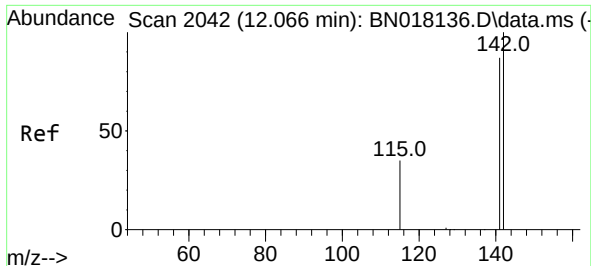
Tgt Ion: 88 Resp: 16139
Ion Ratio Lower Upper
88 100
43 29.1 24.6 36.8
58 71.4 45.2 67.8#



#5
Naphthalene
Concen: 3.183 ng/ul
RT: 10.436 min Scan# 1746
Delta R.T. -0.001 min
Lab File: BN018139.D
Acq: 21 Dec 2021 22:59

Tgt Ion:128 Resp: 123970
Ion Ratio Lower Upper
128 100
129 10.9 9.3 13.9
127 13.1 11.1 16.7

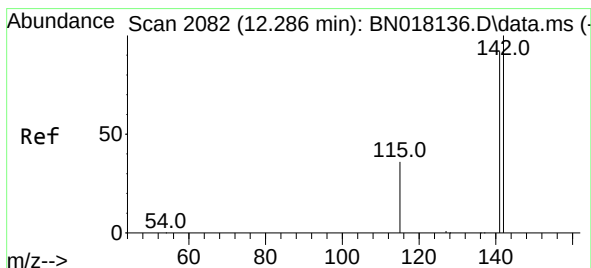
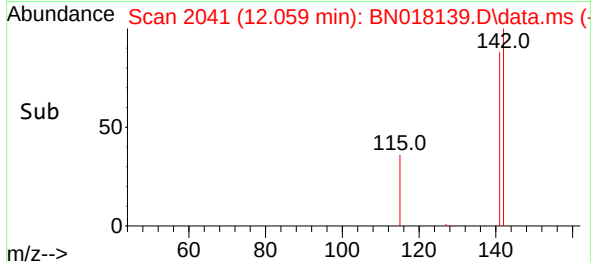
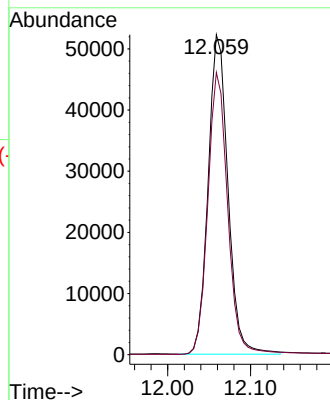
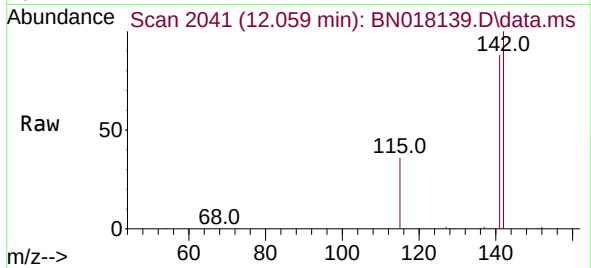




#7
2-Methylnaphthalene
Concen: 3.964 ng/ul
RT: 12.059 min Scan# 2041
Delta R.T. -0.007 min
Lab File: BN018139.D
Acq: 21 Dec 2021 22:59

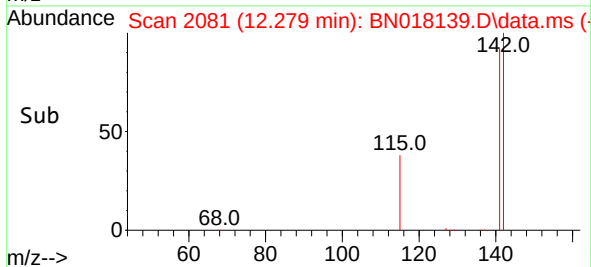
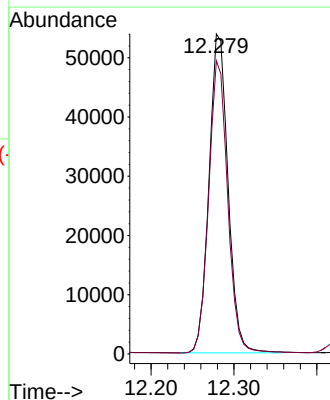
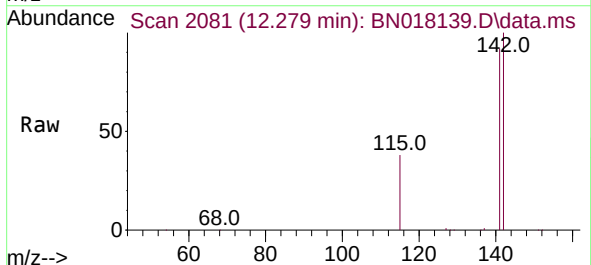
Instrument :
BNA_N
ClientSampleId :
SSTD3.2206

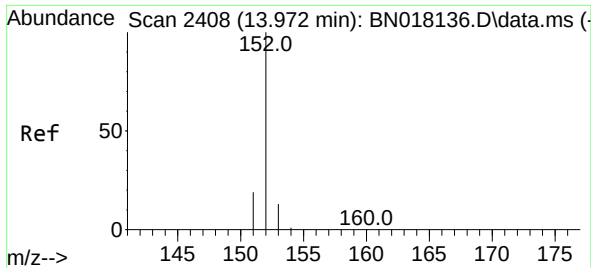
Tgt Ion:142 Resp: 86764
Ion Ratio Lower Upper
142 100
141 88.1 70.6 105.8



#8
1-Methylnaphthalene
Concen: 3.395 ng/ul
RT: 12.279 min Scan# 2081
Delta R.T. -0.007 min
Lab File: BN018139.D
Acq: 21 Dec 2021 22:59

Tgt Ion:142 Resp: 86270
Ion Ratio Lower Upper
142 100
141 91.2 73.2 109.8

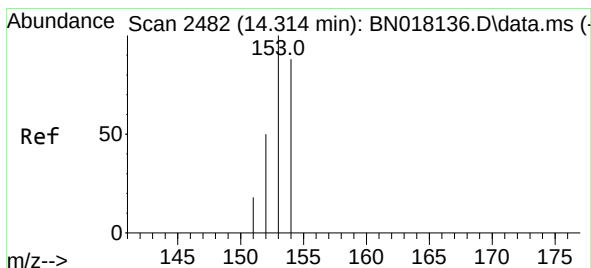
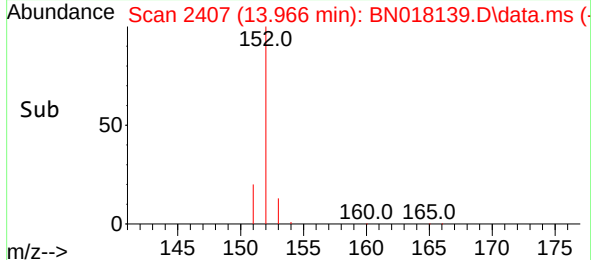
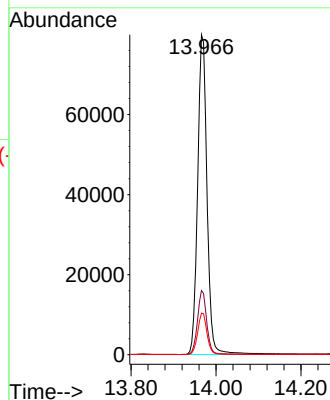
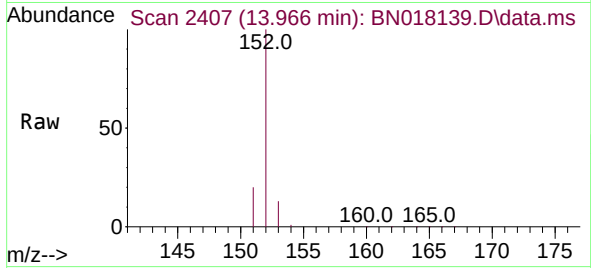




#10
Acenaphthylene
Concen: 3.349 ng/ul
RT: 13.966 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BN018139.D
Acq: 21 Dec 2021 22:59

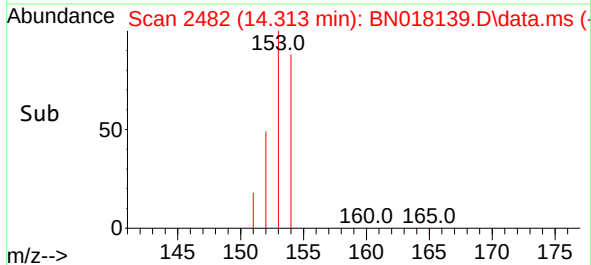
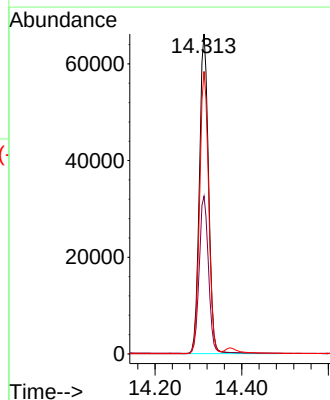
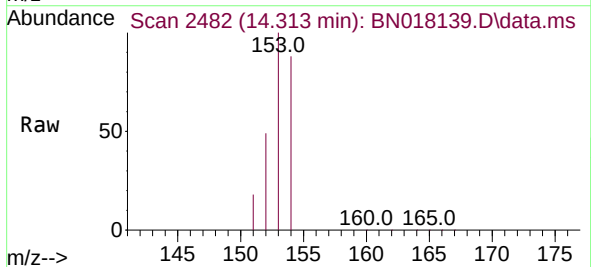
Instrument :
BNA_N
ClientSampleId :
SSTD3.2206

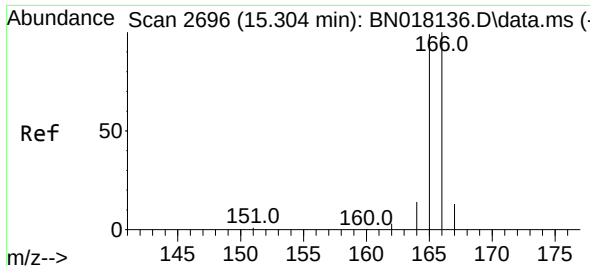
Tgt Ion:152 Resp: 122657
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.0 11.0 16.4



#11
Acenaphthene
Concen: 2.980 ng/ul
RT: 14.313 min Scan# 2482
Delta R.T. -0.001 min
Lab File: BN018139.D
Acq: 21 Dec 2021 22:59

Tgt Ion:153 Resp: 97024
Ion Ratio Lower Upper
153 100
152 49.3 40.8 61.2
154 88.3 70.3 105.5

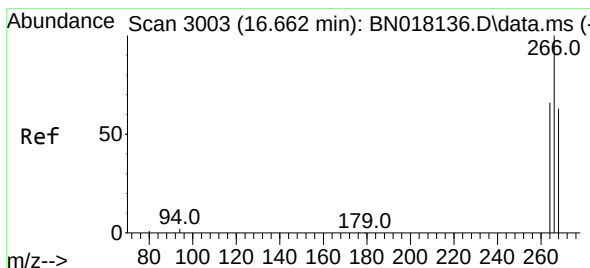
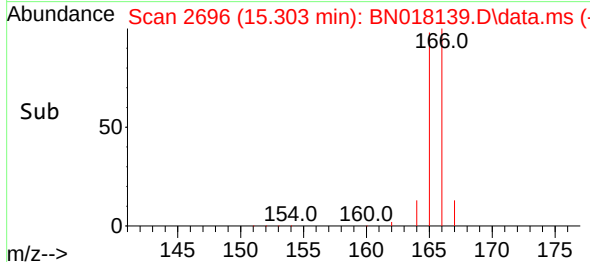
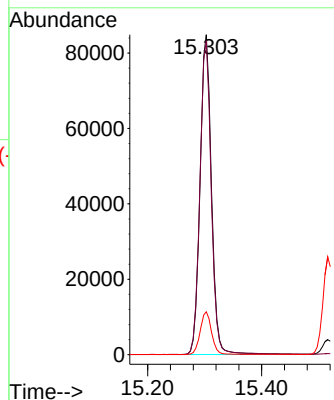
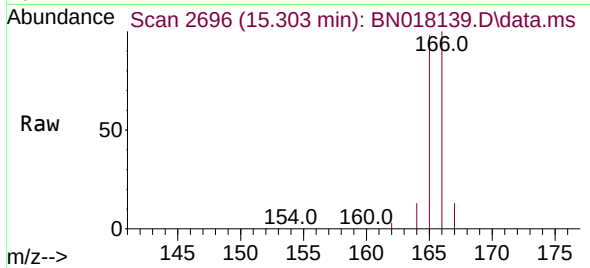




#12
 Fluorene
 Concen: 3.271 ng/ul
 RT: 15.303 min Scan# 20
 Delta R.T. -0.001 min
 Lab File: BN018139.D
 Acq: 21 Dec 2021 22:59

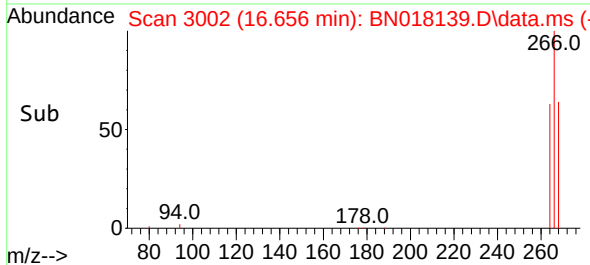
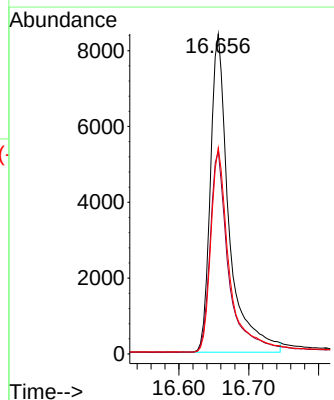
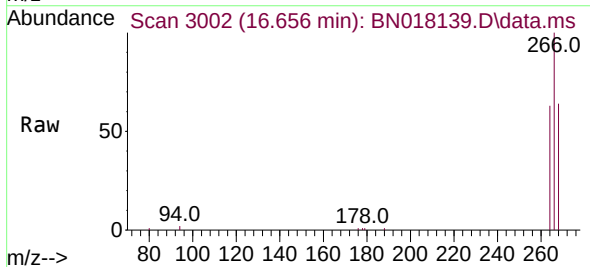
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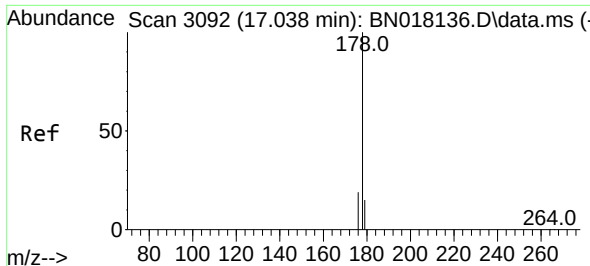
Tgt Ion:166 Resp: 117336
 Ion Ratio Lower Upper
 166 100
 165 98.1 79.2 118.8
 167 13.4 11.1 16.7



#14
 Pentachlorophenol
 Concen: 4.454 ng/ul
 RT: 16.656 min Scan# 3002
 Delta R.T. -0.006 min
 Lab File: BN018139.D
 Acq: 21 Dec 2021 22:59

Tgt Ion:266 Resp: 15545
 Ion Ratio Lower Upper
 266 100
 264 63.1 51.9 77.9
 268 63.9 51.8 77.6

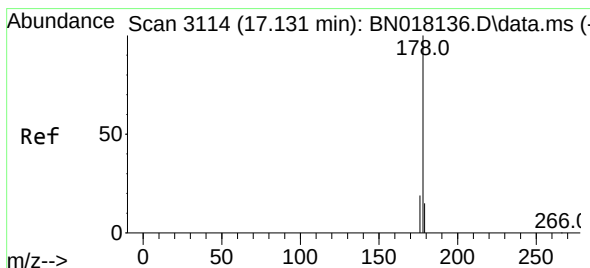
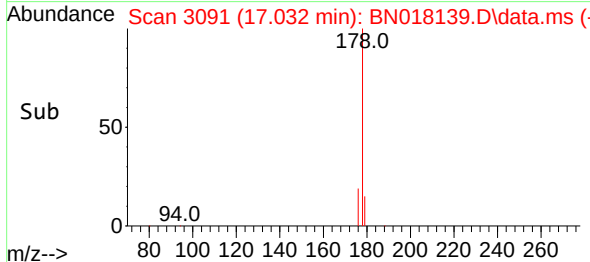
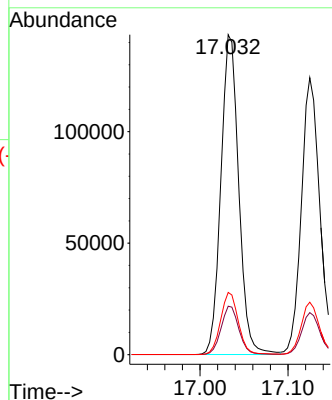
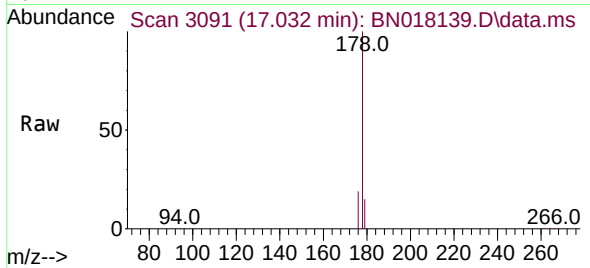




#15
Phenanthrene
Concen: 2.927 ng/ul
RT: 17.032 min Scan# 3091
Delta R.T. -0.006 min
Lab File: BN018139.D
Acq: 21 Dec 2021 22:59

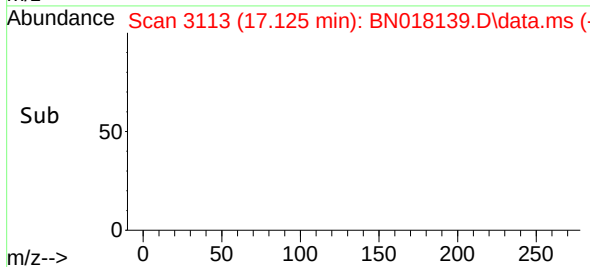
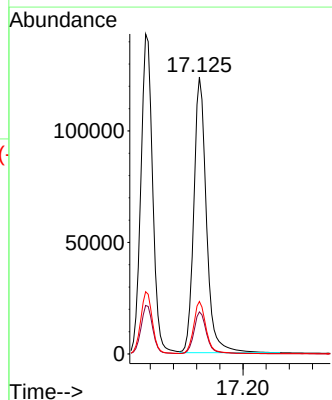
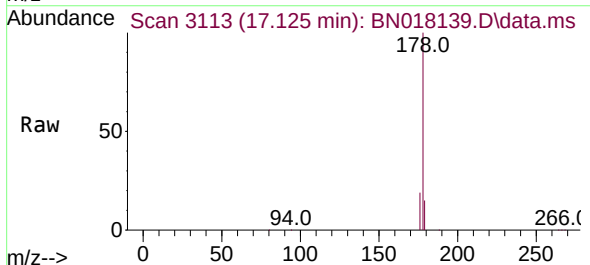
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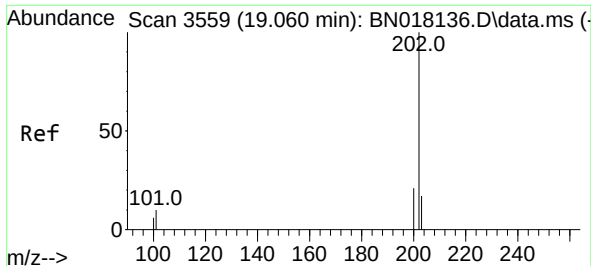
Tgt Ion:178 Resp: 202344
Ion Ratio Lower Upper
178 100
179 15.1 12.4 18.6
176 19.4 15.5 23.3



#16
Anthracene
Concen: 3.433 ng/ul
RT: 17.125 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BN018139.D
Acq: 21 Dec 2021 22:59

Tgt Ion:178 Resp: 186657
Ion Ratio Lower Upper
178 100
179 15.2 12.7 19.1
176 19.0 15.3 22.9

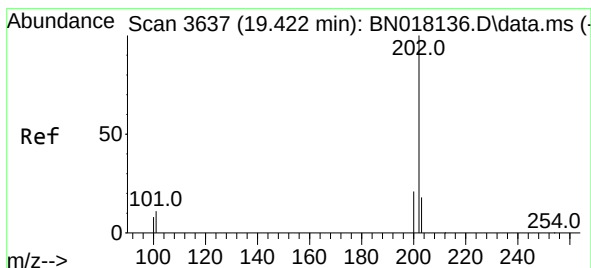
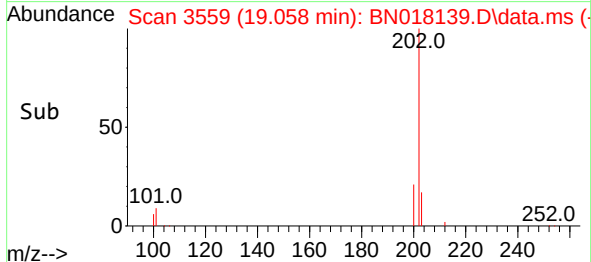
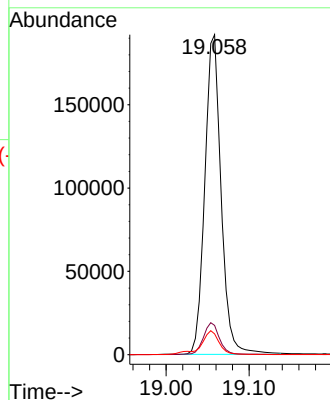
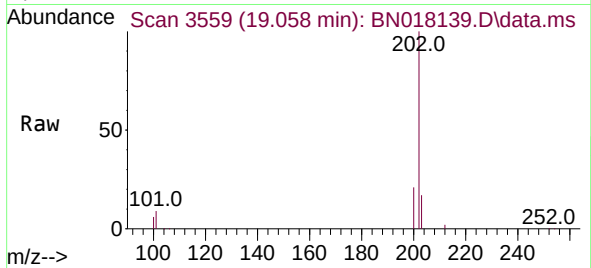




#19
Fluoranthene
Concen: 3.004 ng/ul
RT: 19.058 min Scan# 3559
Delta R.T. -0.001 min
Lab File: BN018139.D
Acq: 21 Dec 2021 22:59

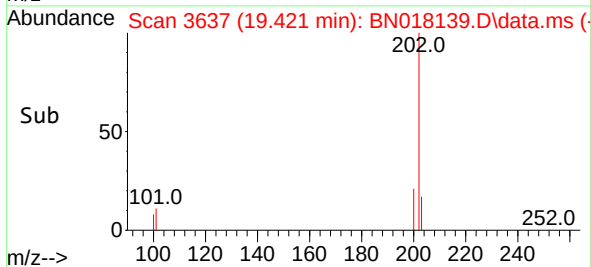
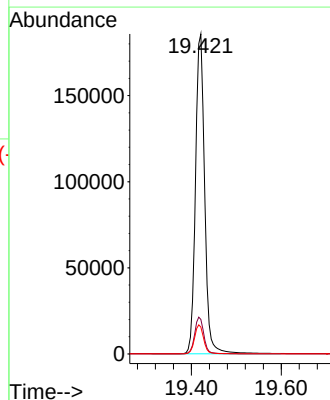
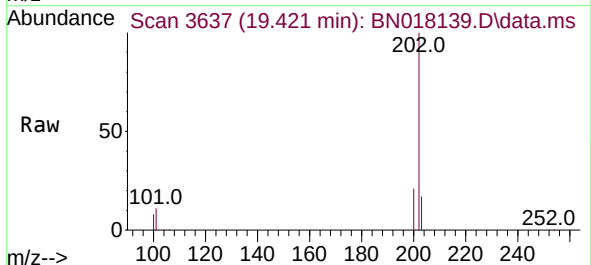
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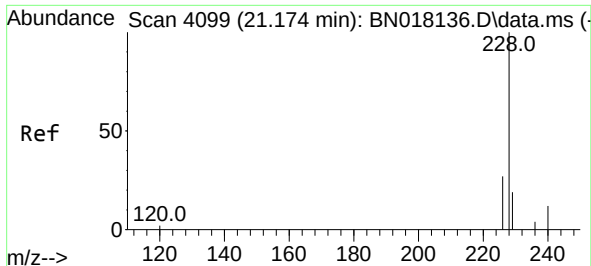
Tgt Ion:202 Resp: 262573
Ion Ratio Lower Upper
202 100
101 9.2 7.9 11.9
100 6.5 5.8 8.8



#20
Pyrene
Concen: 2.701 ng/ul
RT: 19.421 min Scan# 3637
Delta R.T. -0.001 min
Lab File: BN018139.D
Acq: 21 Dec 2021 22:59

Tgt Ion:202 Resp: 264345
Ion Ratio Lower Upper
202 100
101 10.8 8.9 13.3
100 8.4 7.0 10.4

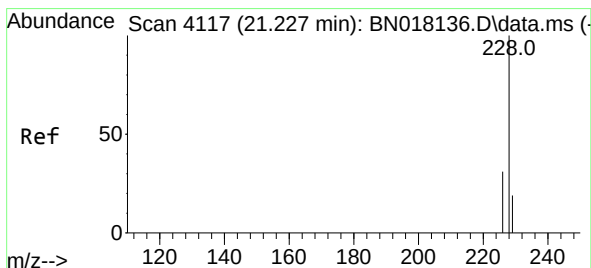
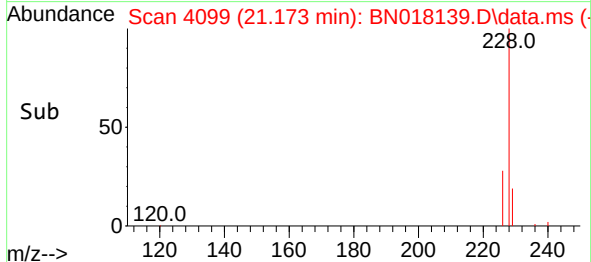
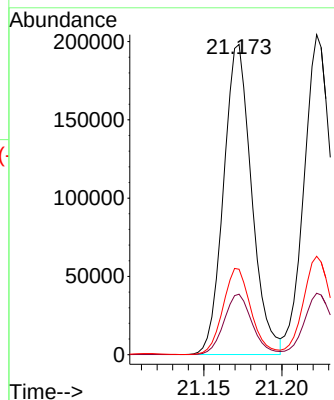
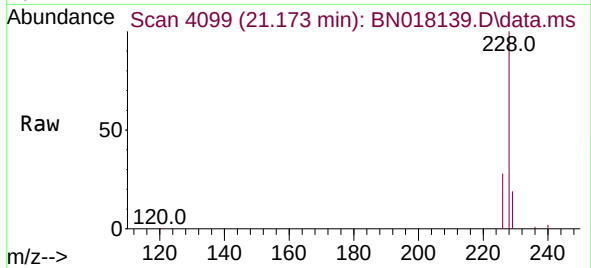




#21
Benzo(a)anthracene
Concen: 3.846 ng/ul
RT: 21.173 min Scan# 4099
Delta R.T. -0.001 min
Lab File: BN018139.D
Acq: 21 Dec 2021 22:59

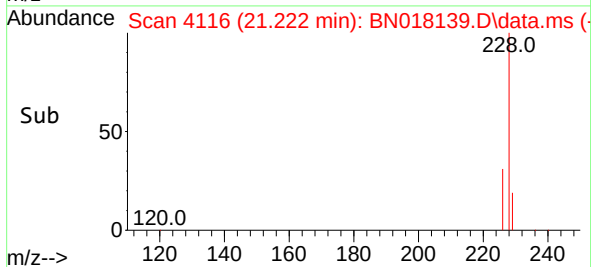
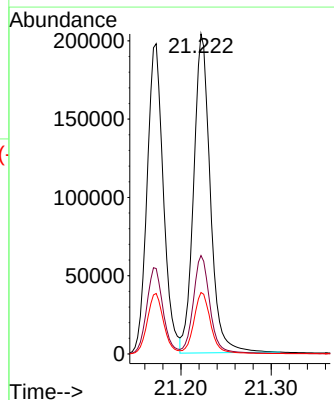
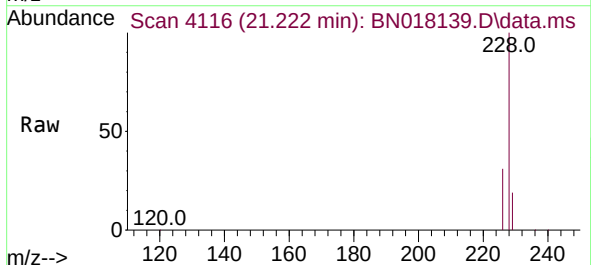
Instrument :
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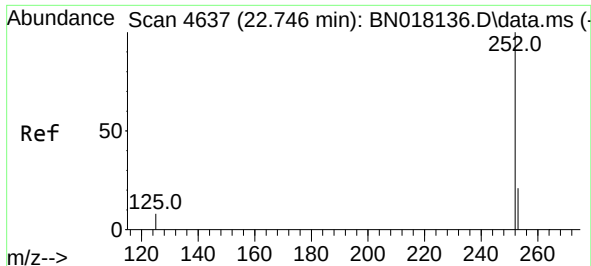
Tgt Ion:228 Resp: 248187
Ion Ratio Lower Upper
228 100
229 19.5 15.3 22.9
226 27.5 22.1 33.1



#22
Chrysene
Concen: 2.812 ng/ul
RT: 21.222 min Scan# 4116
Delta R.T. -0.004 min
Lab File: BN018139.D
Acq: 21 Dec 2021 22:59

Tgt Ion:228 Resp: 260456
Ion Ratio Lower Upper
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226 30.8 24.6 36.8
229 19.2 15.7 23.5

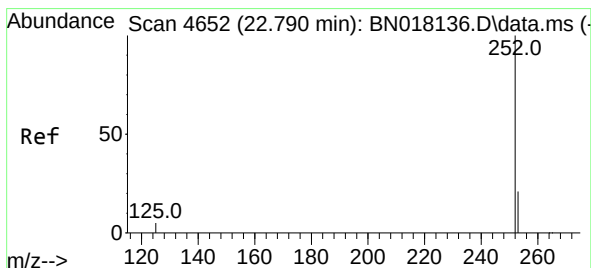
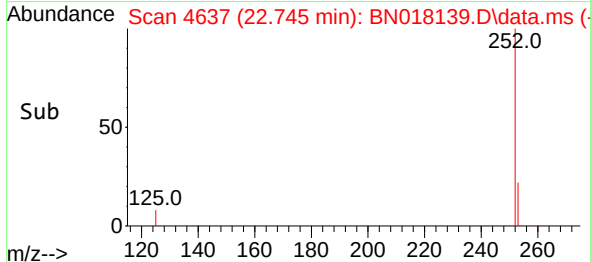
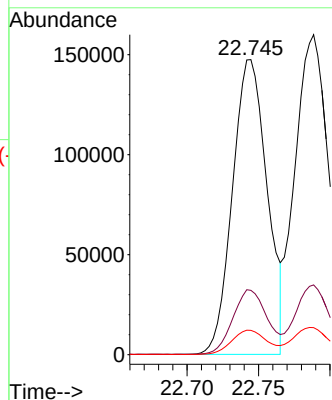
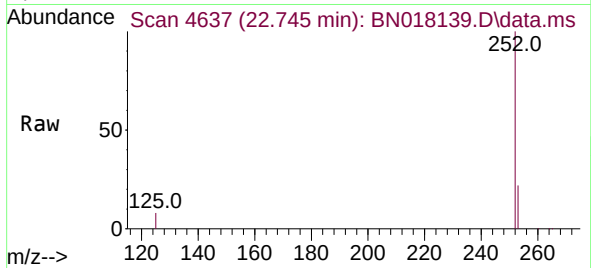




#24
Benzo(b)fluoranthene
Concen: 3.259 ng/ul
RT: 22.745 min Scan# 4637
Delta R.T. -0.001 min
Lab File: BN018139.D
Acq: 21 Dec 2021 22:59

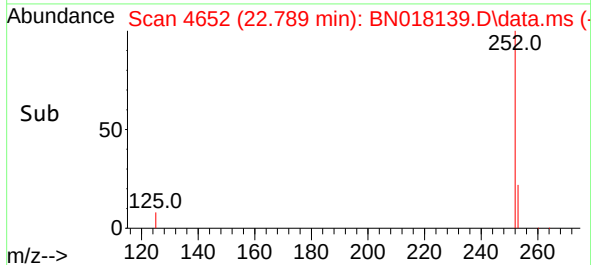
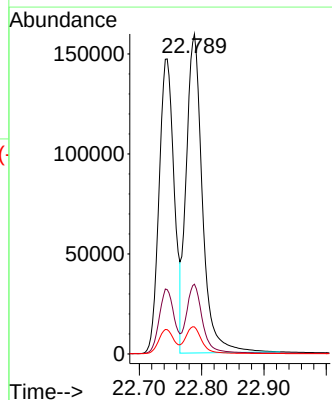
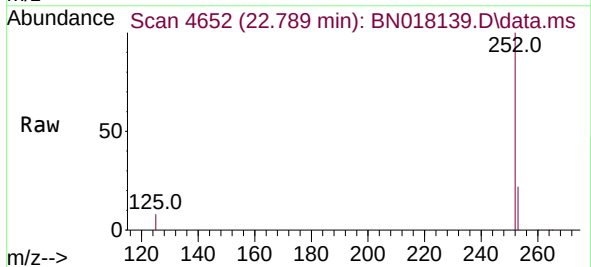
Instrument :
BNA_N
ClientSampleId :
SSTD3.2206

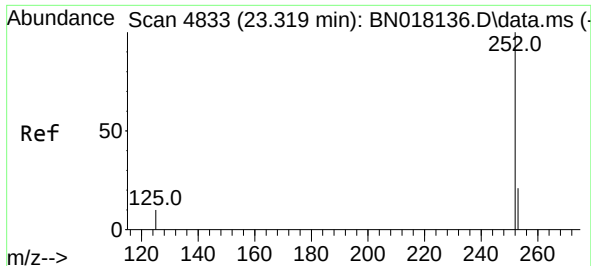
Tgt Ion:252 Resp: 248801
Ion Ratio Lower Upper
252 100
253 21.8 0.0 45.2
125 8.2 0.0 18.2



#25
Benzo(k)fluoranthene
Concen: 2.818 ng/ul
RT: 22.789 min Scan# 4652
Delta R.T. -0.001 min
Lab File: BN018139.D
Acq: 21 Dec 2021 22:59

Tgt Ion:252 Resp: 286957
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.4
125 8.4 7.7 11.5

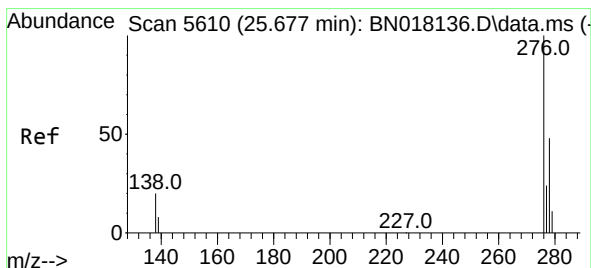
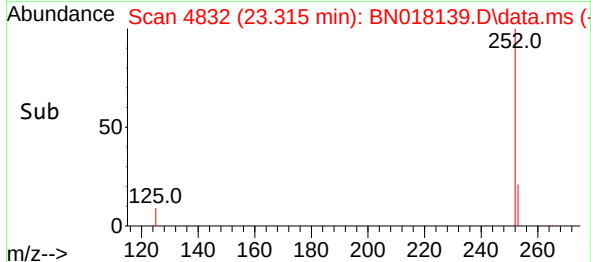
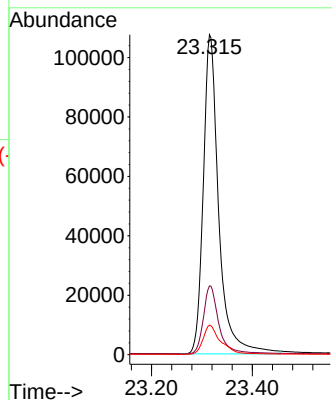
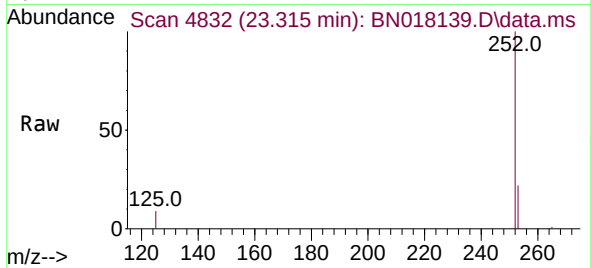




#26
Benzo(a)pyrene
Concen: 3.095 ng/ul
RT: 23.315 min Scan# 4833
Delta R.T. -0.004 min
Lab File: BN018139.D
Acq: 21 Dec 2021 22:59

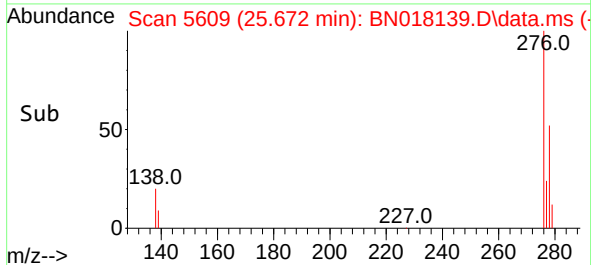
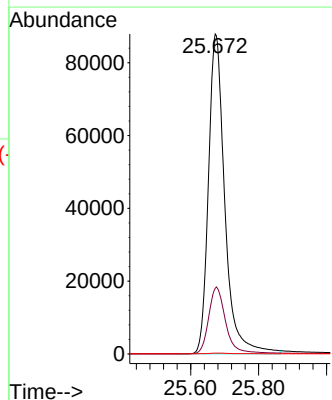
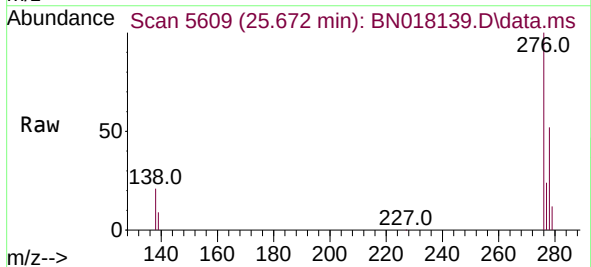
Instrument :
BNA_N
ClientSampleId :
SSTD3.2206

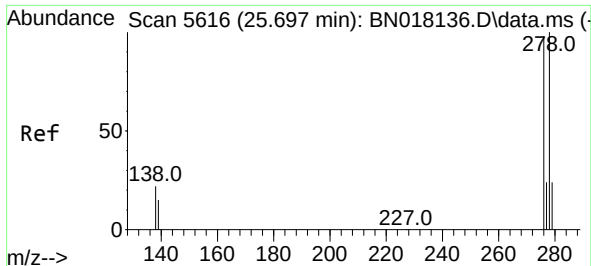
Tgt Ion:252 Resp: 228251
Ion Ratio Lower Upper
252 100
253 21.5 18.6 28.0
125 9.2 8.8 13.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.537 ng/ul
RT: 25.672 min Scan# 5609
Delta R.T. -0.005 min
Lab File: BN018139.D
Acq: 21 Dec 2021 22:59

Tgt Ion:276 Resp: 293613
Ion Ratio Lower Upper
276 100
138 21.7 17.7 26.5
227 0.2 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 3.718 ng/ul

RT: 25.692 min Scan# 5615

Delta R.T. -0.005 min

Lab File: BN018139.D

Acq: 21 Dec 2021 22:59

Instrument :

BNA_N

ClientSampleId :

SSTD3.2206

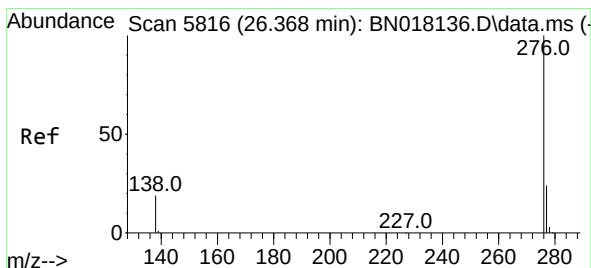
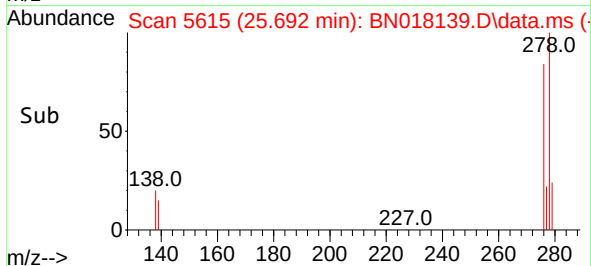
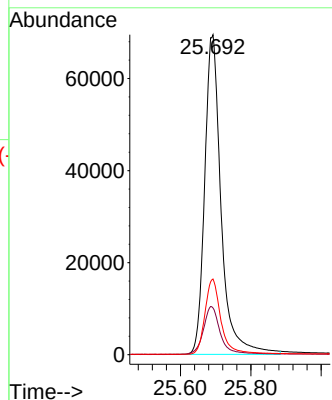
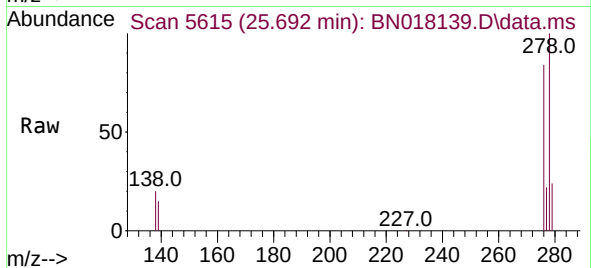
Tgt Ion:278 Resp: 225695

Ion Ratio Lower Upper

278 100

139 14.6 13.1 19.7

279 23.7 20.6 31.0



#29

Benzo(g,h,i)perylene

Concen: 3.361 ng/ul

RT: 26.363 min Scan# 5815

Delta R.T. -0.005 min

Lab File: BN018139.D

Acq: 21 Dec 2021 22:59

Tgt Ion:276 Resp: 239207

Ion Ratio Lower Upper

276 100

138 18.8 15.8 23.8

277 23.4 19.7 29.5

