

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102721\
 Data File : BN017133.D
 Acq On : 27 Oct 2021 18:55
 Operator : CG/JU
 Sample : SST0.431
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.4231

Quant Time: Oct 28 01:06:34 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 28 01:03:15 2021
 Response via : Initial Calibration

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

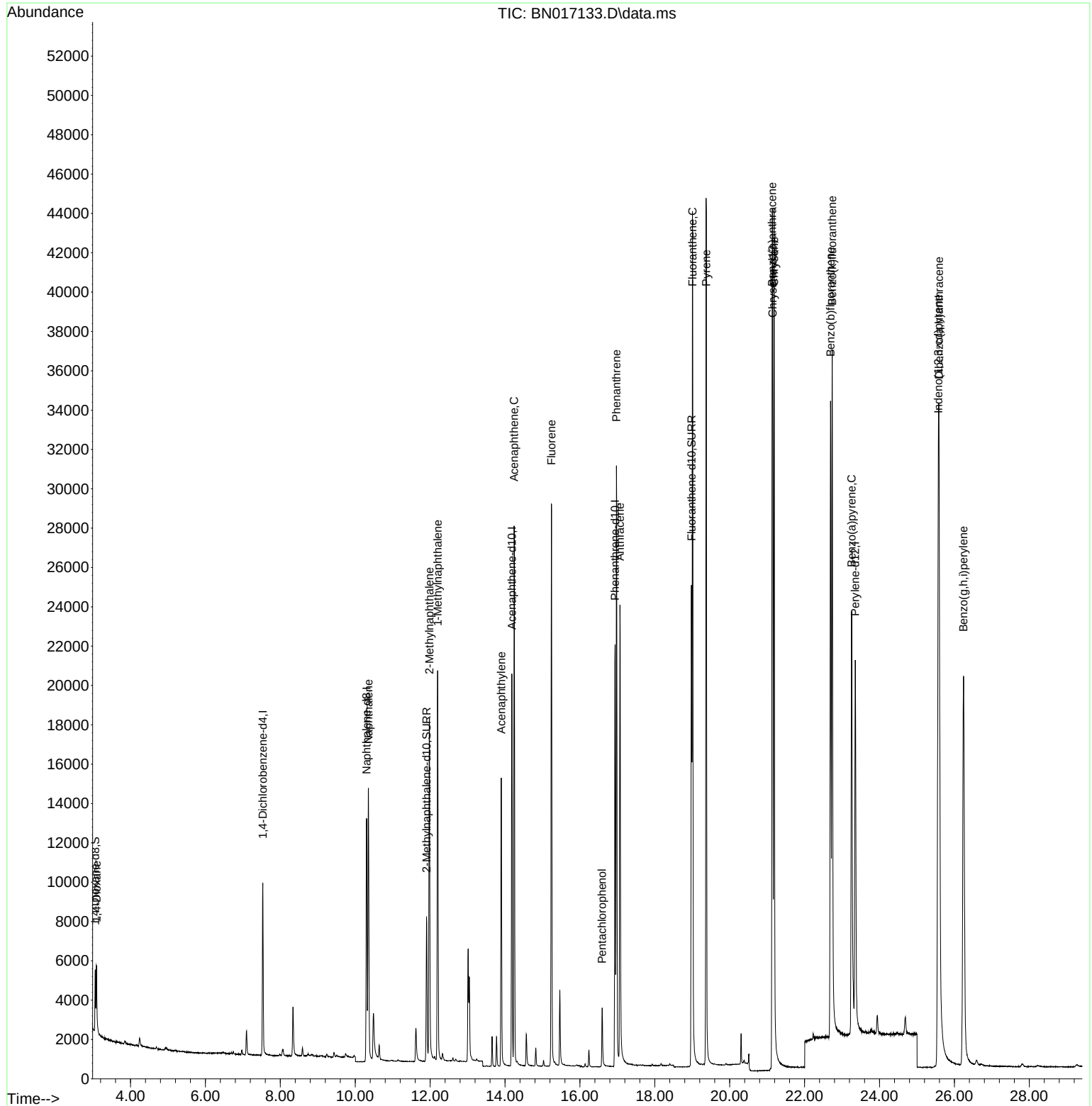
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.531	152	4478	0.400	ng/ul	0.00
4) Naphthalene-d8	10.304	136	17369	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.183	164	10883	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.939	188	24489	0.400	ng/ul	0.00
17) Chrysene-d12	21.149	240	25272	0.400	ng/ul	0.00
23) Perylene-d12	23.353	264	25400	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.059	96	2237	0.460	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.905	152	10605	0.428	ng/ul	0.00
18) Fluoranthene-d10	18.979	212	28312	0.454	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.092	88	2342	0.400	ng/ul	100
5) Naphthalene	10.354	128	19887	0.378	ng/ul	100
7) 2-Methylnaphthalene	11.982	142	13717	0.419	ng/ul	100
8) 1-Methylnaphthalene	12.202	142	14086	0.423	ng/ul	100
10) Acenaphthylene	13.901	152	17852	0.406	ng/ul	100
11) Acenaphthene	14.243	153	15799	0.418	ng/ul	100
12) Fluorene	15.243	166	18649	0.427	ng/ul	100
14) Pentachlorophenol	16.593	266	2180	0.370	ng/ul	100
15) Phenanthrene	16.977	178	32470	0.417	ng/ul	100
16) Anthracene	17.070	178	26782	0.408	ng/ul	100
19) Fluoranthene	19.007	202	38054	0.440	ng/ul	100
20) Pyrene	19.374	202	38720	0.435	ng/ul	100
21) Benzo(a)anthracene	21.134	228	34376	0.417	ng/ul	100
22) Chrysene	21.184	228	39807	0.425	ng/ul	100
24) Benzo(b)fluoranthene	22.692	252	40245	0.421	ng/ul	100
25) Benzo(k)fluoranthene	22.739	252	45308	0.430	ng/ul	100
26) Benzo(a)pyrene	23.256	252	35421	0.414	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	25.571	276	50001	0.412	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.588	278	39601	0.410	ng/ul	100
29) Benzo(g,h,i)perylene	26.242	276	43100	0.410	ng/ul	100

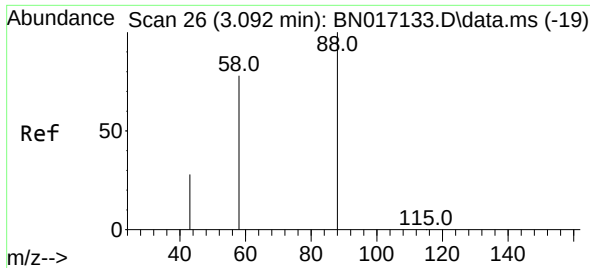
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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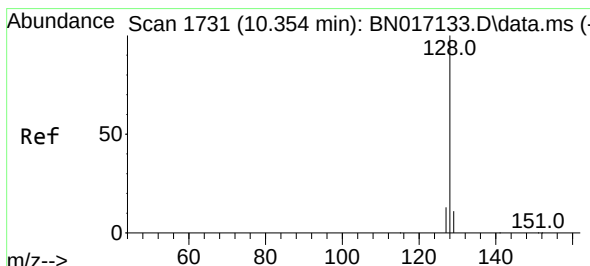
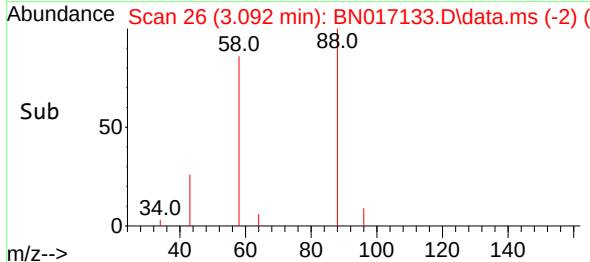
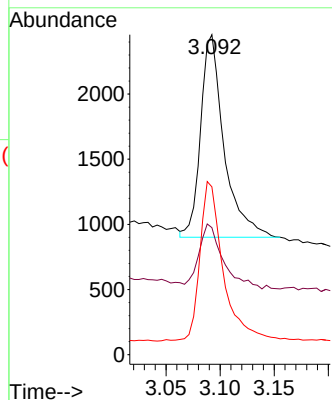
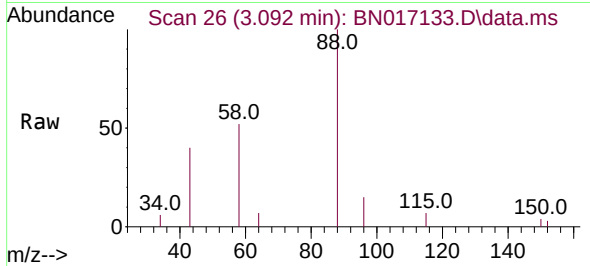




#2
1,4-Dioxane
Concen: 0.400 ng/ul
RT: 3.092 min Scan# 26
Delta R.T. 0.000 min
Lab File: BN017133.D
Acq: 27 Oct 2021 18:55

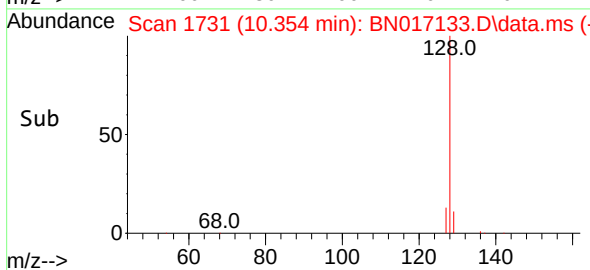
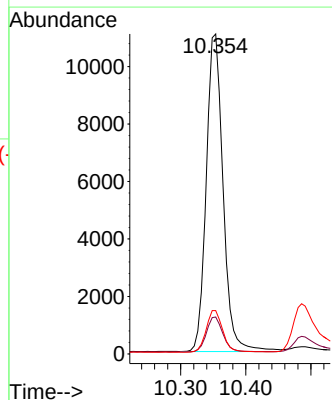
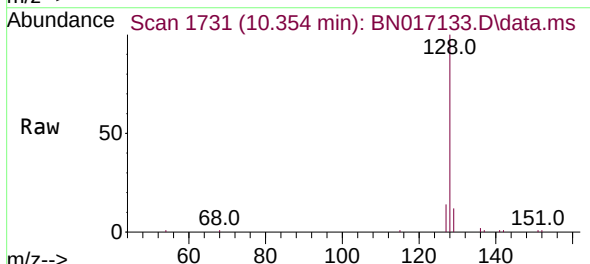
Instrument :
BNA_N
ClientSampleId :
SSTD0.4231

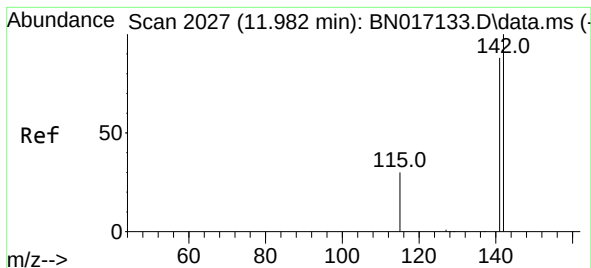
Tgt Ion:	88	Resp:	2342
Ion	Ratio	Lower	Upper
88	100		
43	39.7	31.8	47.6
58	52.4	41.9	62.9



#5
Naphthalene
Concen: 0.378 ng/ul
RT: 10.354 min Scan# 1731
Delta R.T. 0.000 min
Lab File: BN017133.D
Acq: 27 Oct 2021 18:55

Tgt Ion:	128	Resp:	19887
Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.2	13.8
127	13.5	10.8	16.2

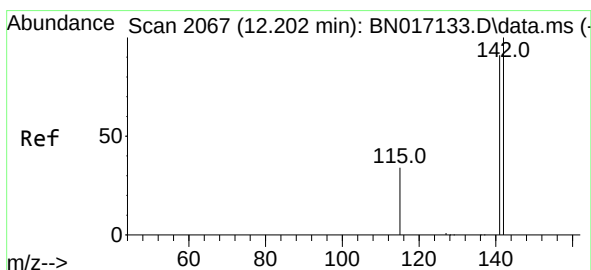
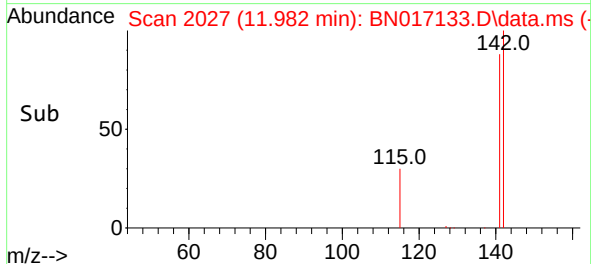
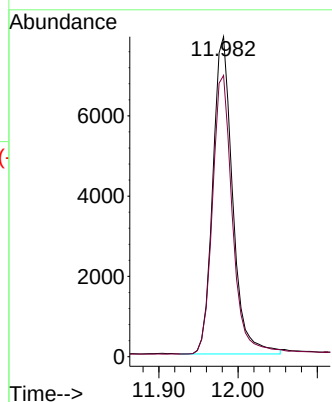
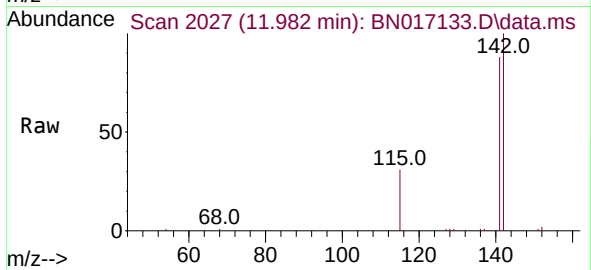




#7
2-Methylnaphthalene
Concen: 0.419 ng/ul
RT: 11.982 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BN017133.D
Acq: 27 Oct 2021 18:55

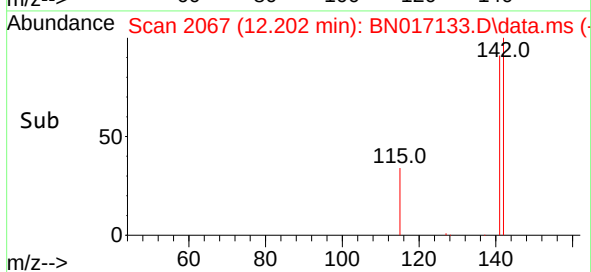
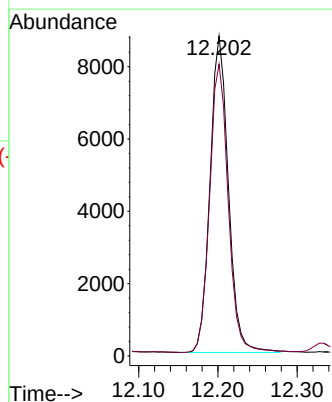
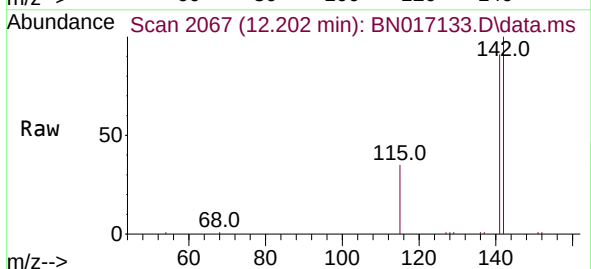
Instrument :
BNA_N
ClientSampleId :
SSTD0.4231

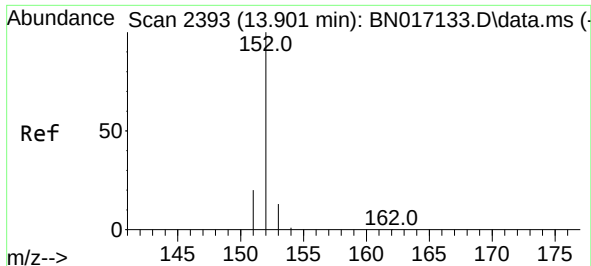
Tgt Ion:142 Resp: 13717
Ion Ratio Lower Upper
142 100
141 88.7 71.0 106.4



#8
1-Methylnaphthalene
Concen: 0.423 ng/ul
RT: 12.202 min Scan# 2067
Delta R.T. 0.000 min
Lab File: BN017133.D
Acq: 27 Oct 2021 18:55

Tgt Ion:142 Resp: 14086
Ion Ratio Lower Upper
142 100
141 92.3 73.8 110.8

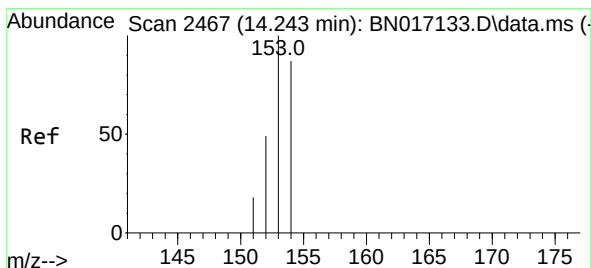
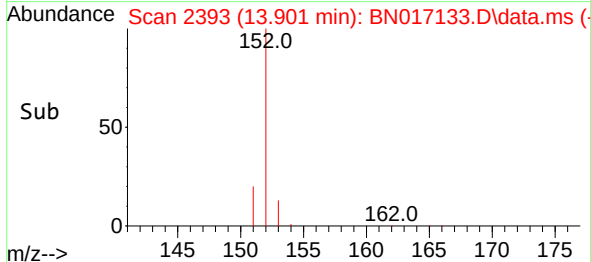
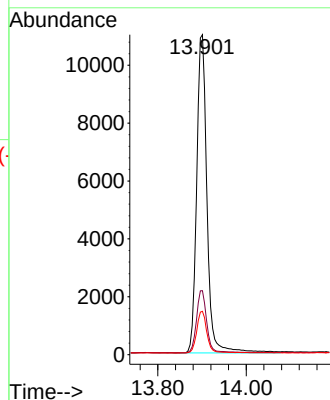
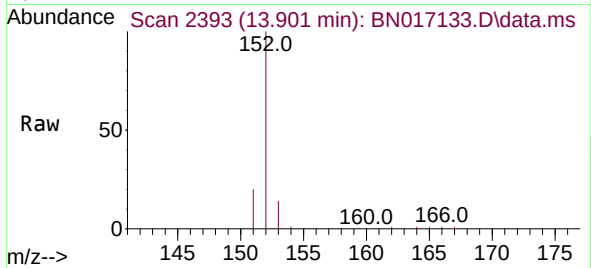




#10
Acenaphthylene
Concen: 0.406 ng/ul
RT: 13.901 min Scan# 2393
Delta R.T. 0.000 min
Lab File: BN017133.D
Acq: 27 Oct 2021 18:55

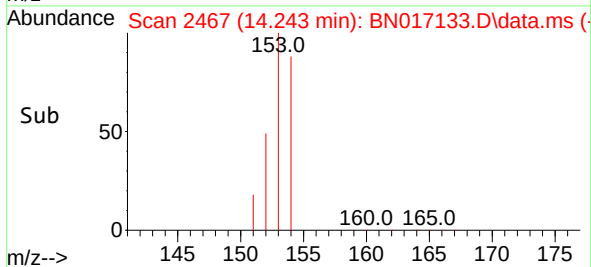
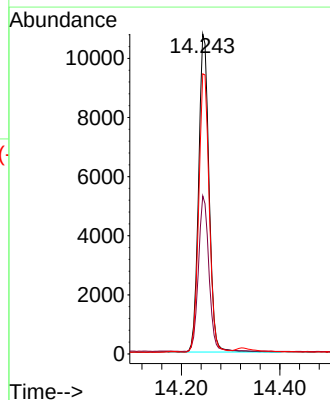
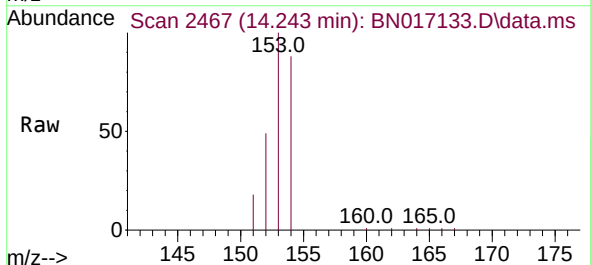
Instrument :
BNA_N
ClientSampleId :
SSTD0.4231

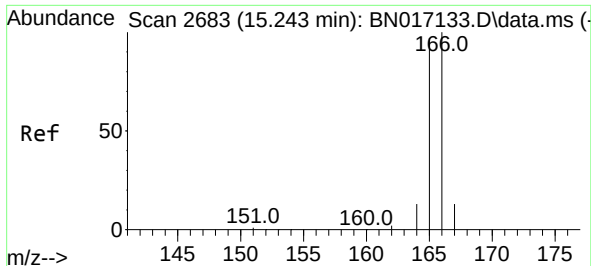
Tgt Ion:	152	Resp:	17852
Ion Ratio	Lower	Upper	
152	100		
151	20.0	16.0	24.0
153	13.5	10.8	16.2



#11
Acenaphthene
Concen: 0.418 ng/ul
RT: 14.243 min Scan# 2467
Delta R.T. 0.000 min
Lab File: BN017133.D
Acq: 27 Oct 2021 18:55

Tgt Ion:	153	Resp:	15799
Ion Ratio	Lower	Upper	
153	100		
152	49.4	39.5	59.3
154	87.5	70.0	105.0

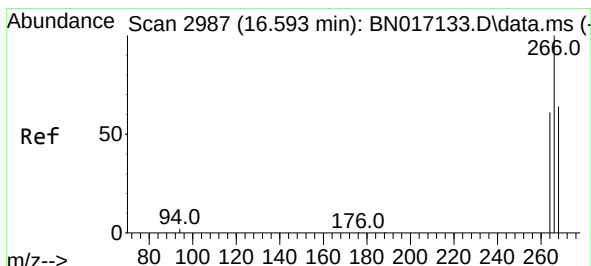
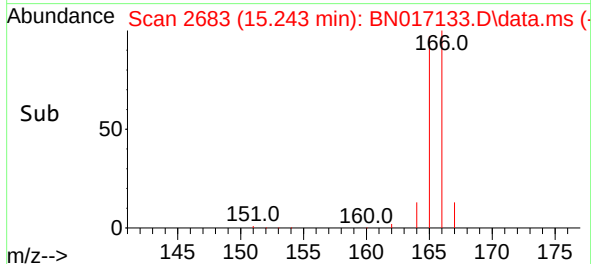
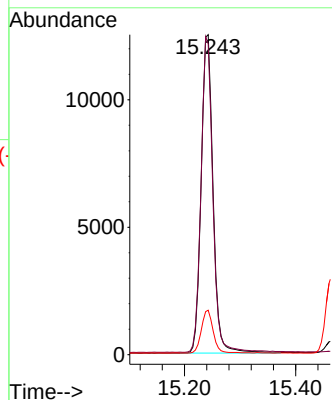
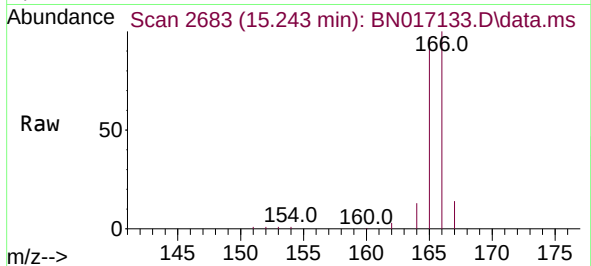




#12
Fluorene
Concen: 0.427 ng/ul
RT: 15.243 min Scan# 2683
Delta R.T. 0.000 min
Lab File: BN017133.D
Acq: 27 Oct 2021 18:55

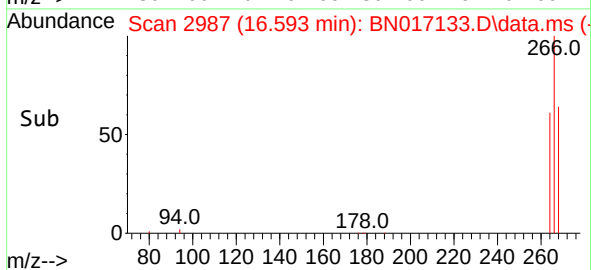
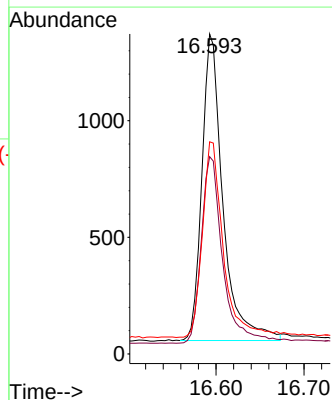
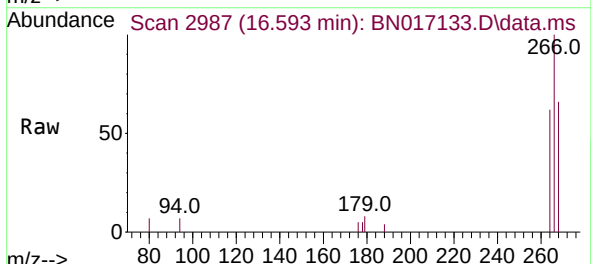
Instrument :
BNA_N
ClientSampleId :
SSTD0.4231

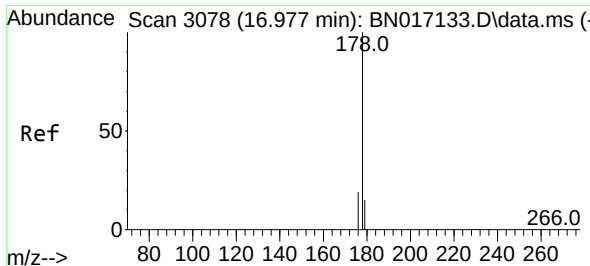
Tgt Ion:166 Resp: 18649
Ion Ratio Lower Upper
166 100
165 97.1 77.7 116.5
167 13.9 11.1 16.7



#14
Pentachlorophenol
Concen: 0.370 ng/ul
RT: 16.593 min Scan# 2987
Delta R.T. 0.000 min
Lab File: BN017133.D
Acq: 27 Oct 2021 18:55

Tgt Ion:266 Resp: 2180
Ion Ratio Lower Upper
266 100
264 62.4 49.9 74.9
268 63.9 51.2 76.8

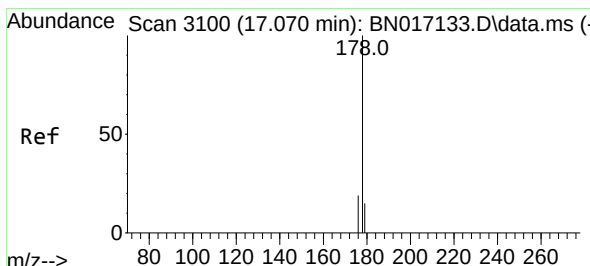
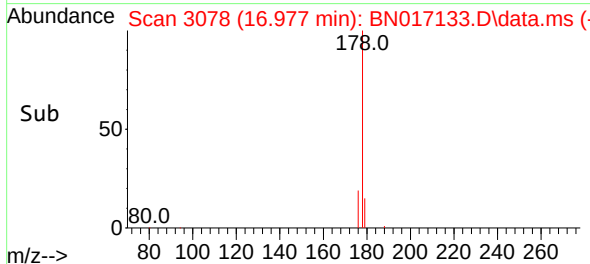
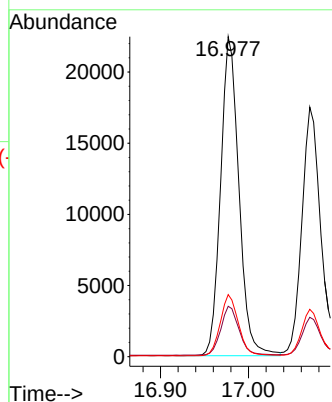
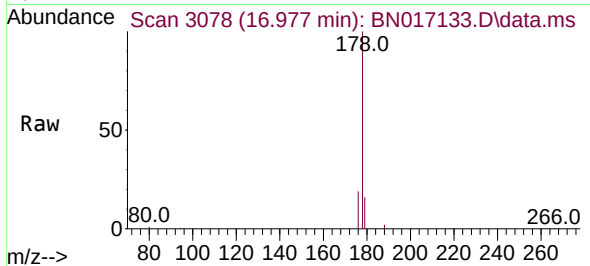




#15
Phenanthrene
Concen: 0.417 ng/u1
RT: 16.977 min Scan# 3078
Delta R.T. 0.000 min
Lab File: BN017133.D
Acq: 27 Oct 2021 18:55

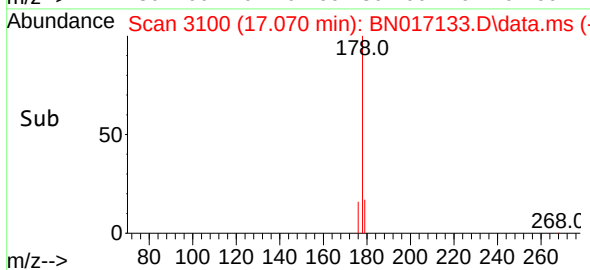
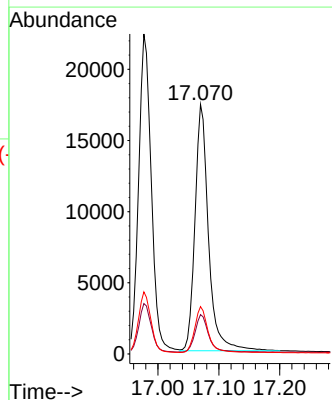
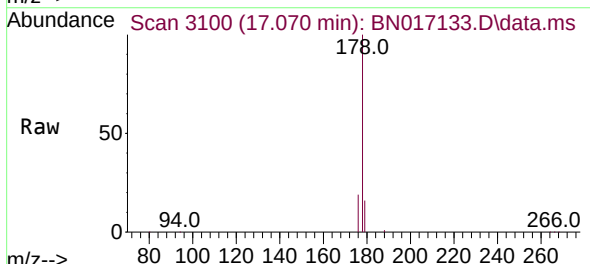
Instrument :
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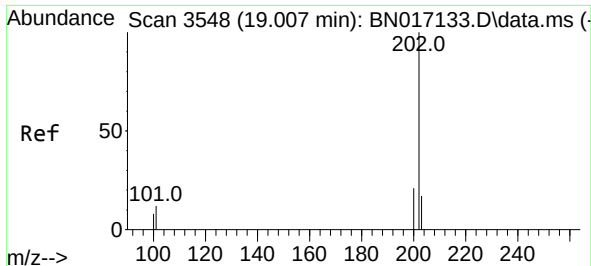
Tgt Ion:	178	Resp:	32470
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.6	19.0
176	19.4	15.5	23.3



#16
Anthracene
Concen: 0.408 ng/u1
RT: 17.070 min Scan# 3100
Delta R.T. 0.000 min
Lab File: BN017133.D
Acq: 27 Oct 2021 18:55

Tgt Ion:	178	Resp:	26782
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.6	19.0
176	19.0	15.2	22.8





#19

Fluoranthene

Concen: 0.440 ng/ul

RT: 19.007 min Scan# 3548

Delta R.T. 0.000 min

Lab File: BN017133.D

Acq: 27 Oct 2021 18:55

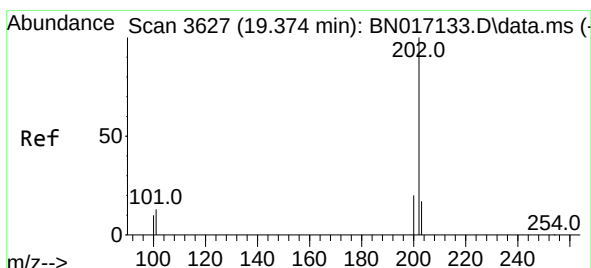
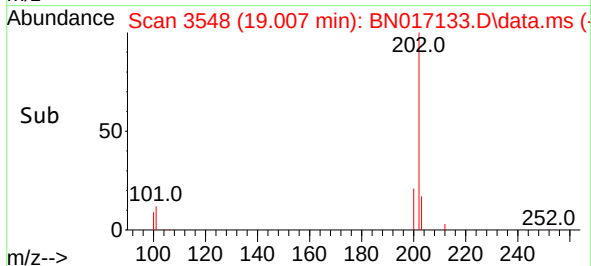
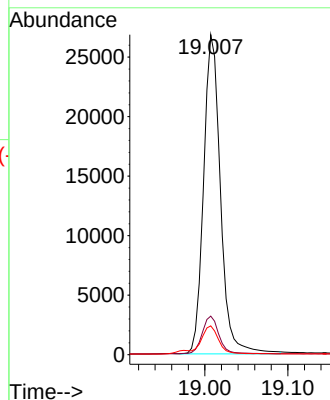
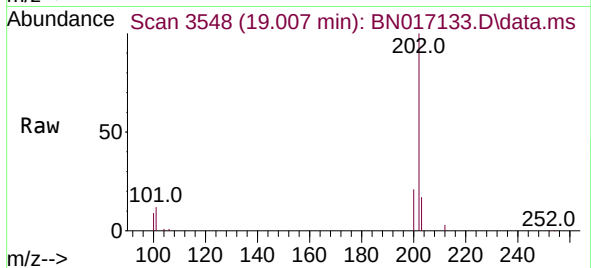
Tgt Ion:	202	Resp:	38054
Ion Ratio	Lower	Upper	
202	100		
101	12.1	9.7	14.5
100	9.0	7.2	10.8

Instrument :

BNA_N

ClientSampleId :

SSTD0.4231



#20

Pyrene

Concen: 0.435 ng/ul

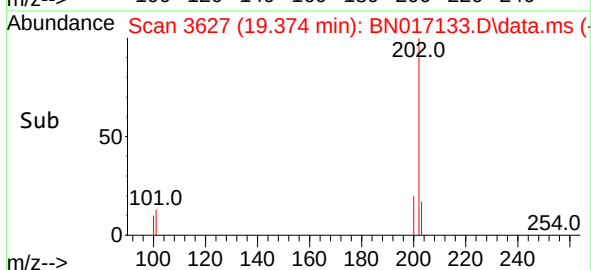
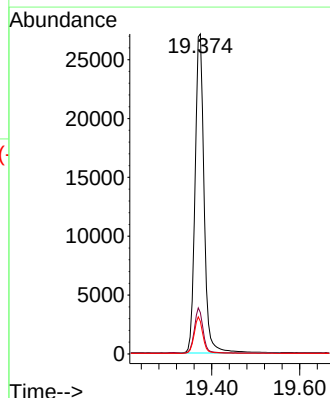
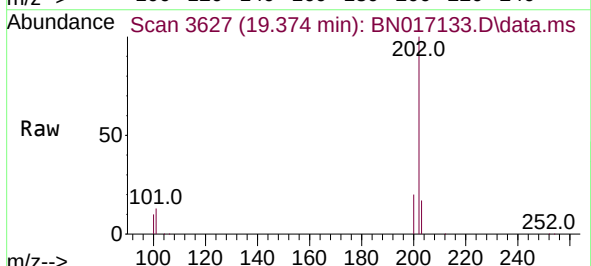
RT: 19.374 min Scan# 3627

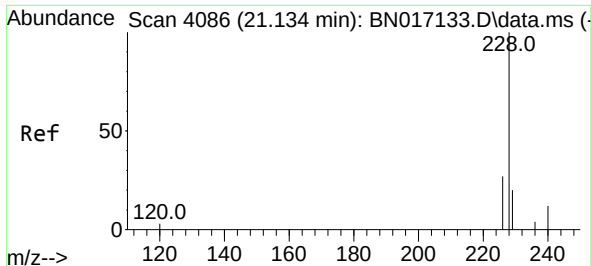
Delta R.T. 0.000 min

Lab File: BN017133.D

Acq: 27 Oct 2021 18:55

Tgt Ion:	202	Resp:	38720
Ion Ratio	Lower	Upper	
202	100		
101	12.9	10.3	15.5
100	10.2	8.2	12.2

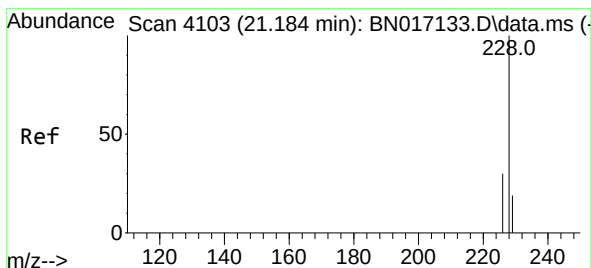
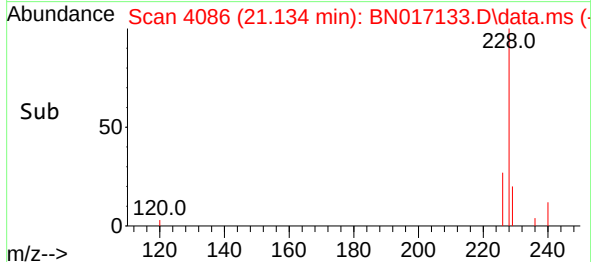
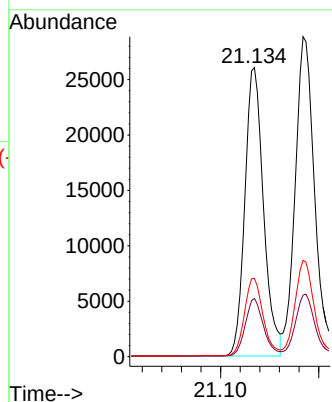
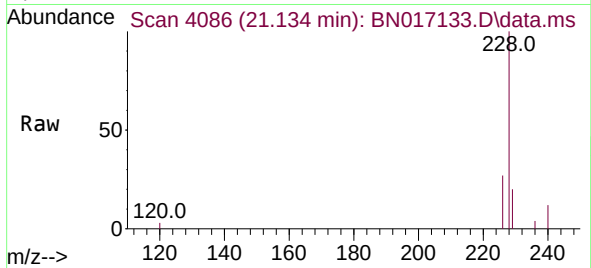




#21
Benzo(a)anthracene
Concen: 0.417 ng/ul
RT: 21.134 min Scan# 4086
Delta R.T. 0.000 min
Lab File: BN017133.D
Acq: 27 Oct 2021 18:55

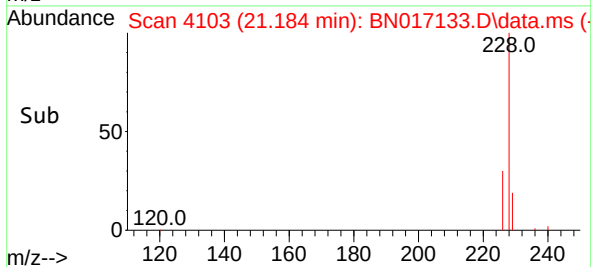
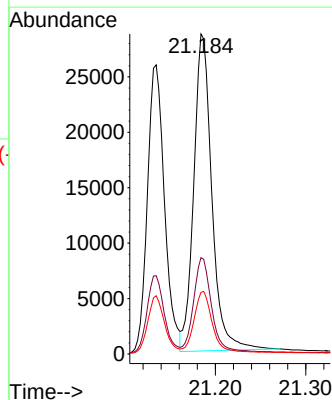
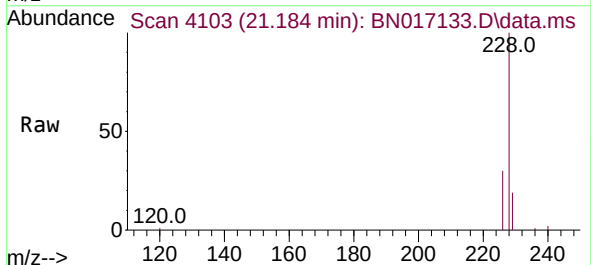
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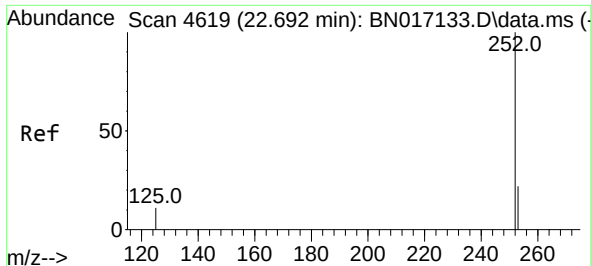
Tgt Ion:228 Resp: 34376
Ion Ratio Lower Upper
228 100
229 20.1 16.1 24.1
226 27.1 21.7 32.5



#22
Chrysene
Concen: 0.425 ng/ul
RT: 21.184 min Scan# 4103
Delta R.T. 0.000 min
Lab File: BN017133.D
Acq: 27 Oct 2021 18:55

Tgt Ion:228 Resp: 39807
Ion Ratio Lower Upper
228 100
226 30.1 24.1 36.1
229 19.3 15.4 23.2

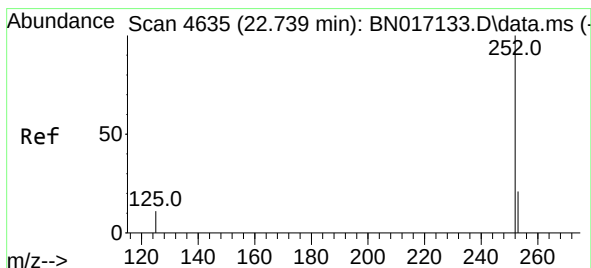
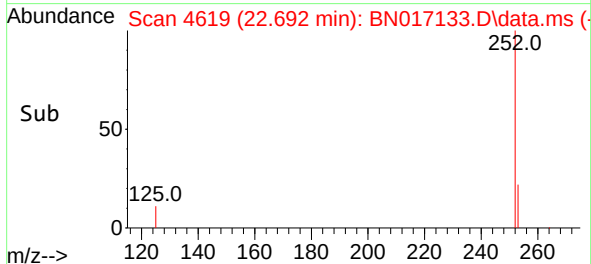
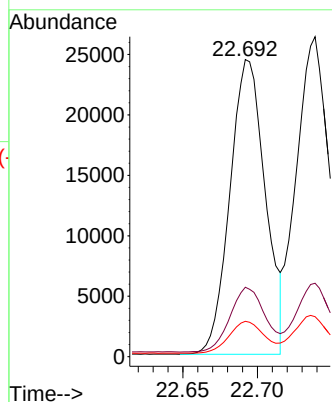
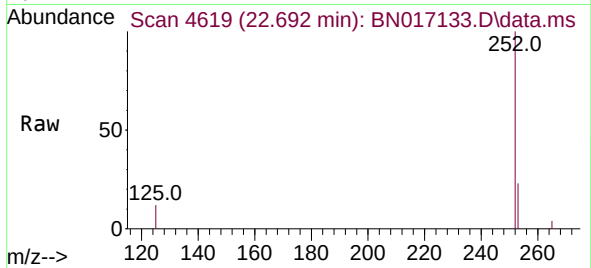




#24
Benzo(b)fluoranthene
Concen: 0.421 ng/ul
RT: 22.692 min Scan# 4619
Delta R.T. 0.000 min
Lab File: BN017133.D
Acq: 27 Oct 2021 18:55

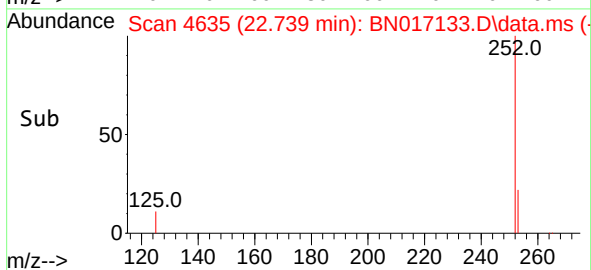
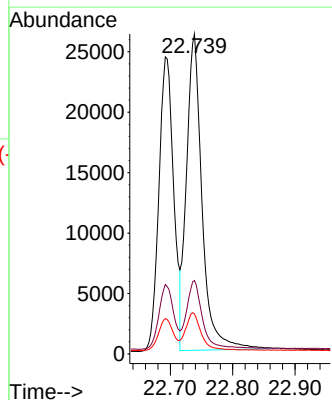
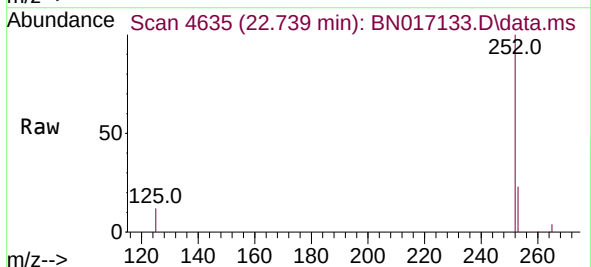
Instrument :
BNA_N
ClientSampleId :
SSTD0.4231

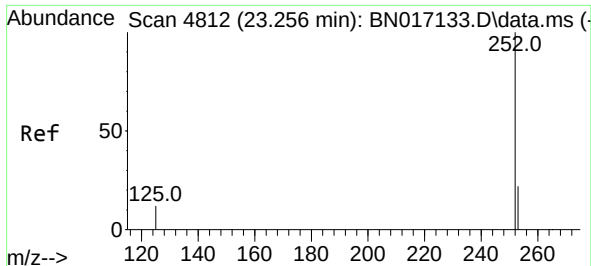
Tgt Ion:252	Resp:	40245
Ion Ratio	Lower	Upper
252	100	
253	23.4	0.0 46.8
125	11.9	0.0 23.8



#25
Benzo(k)fluoranthene
Concen: 0.430 ng/ul
RT: 22.739 min Scan# 4635
Delta R.T. 0.000 min
Lab File: BN017133.D
Acq: 27 Oct 2021 18:55

Tgt Ion:252	Resp:	45308
Ion Ratio	Lower	Upper
252	100	
253	22.9	18.3 27.5
125	12.5	10.0 15.0

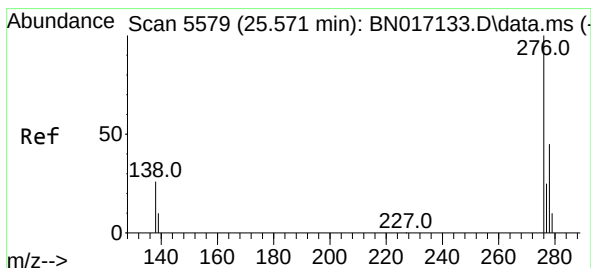
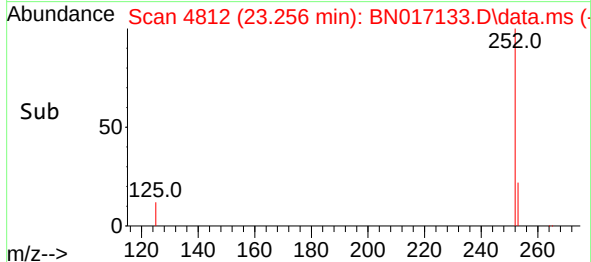
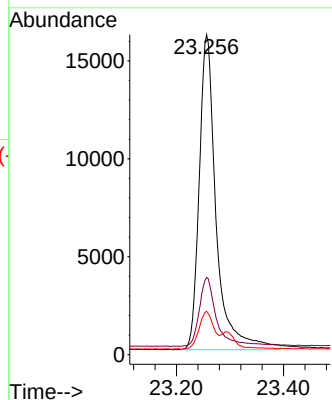
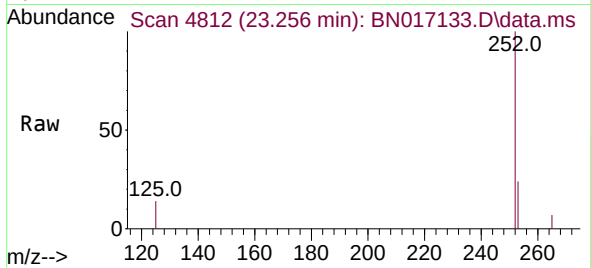




#26
Benzo(a)pyrene
Concen: 0.414 ng/ul
RT: 23.256 min Scan# 4812
Delta R.T. 0.000 min
Lab File: BN017133.D
Acq: 27 Oct 2021 18:55

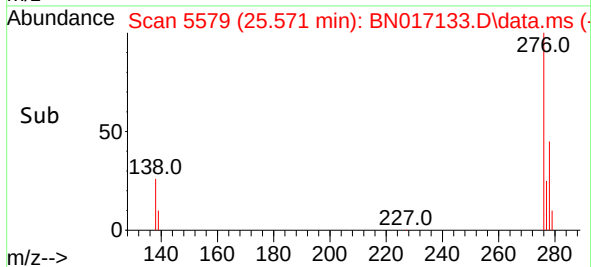
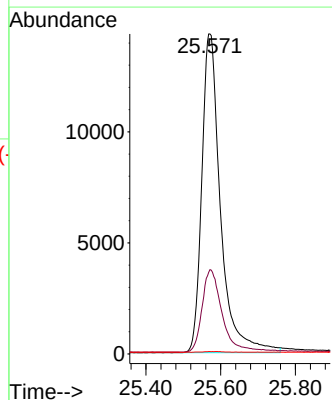
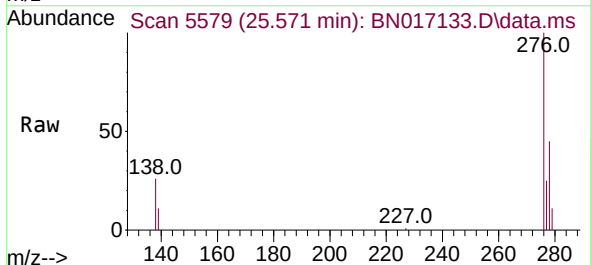
Instrument :
BNA_N
ClientSampleId :
SSTD0.4231

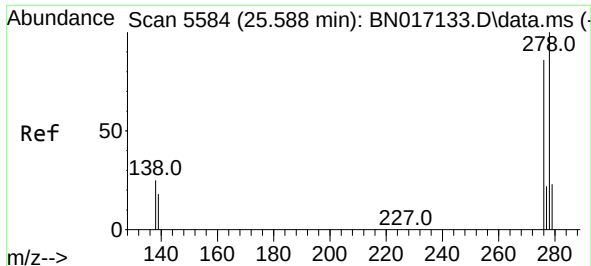
Tgt Ion:	252	Resp:	35421
Ion Ratio	Lower	Upper	
252	100		
253	24.1	19.3	28.9
125	13.5	10.8	16.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.412 ng/ul
RT: 25.571 min Scan# 5579
Delta R.T. 0.000 min
Lab File: BN017133.D
Acq: 27 Oct 2021 18:55

Tgt Ion:	276	Resp:	50001
Ion Ratio	Lower	Upper	
276	100		
138	27.8	22.2	33.4
227	0.0	0.0	0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.410 ng/ul

RT: 25.588 min Scan# 5584

Delta R.T. 0.000 min

Lab File: BN017133.D

Acq: 27 Oct 2021 18:55

Tgt Ion:278 Resp: 39601

Ion Ratio Lower Upper

278 100

139 19.2 15.4 23.0

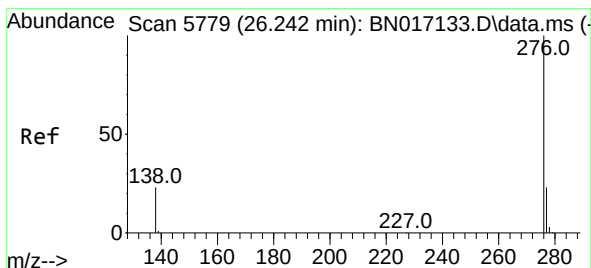
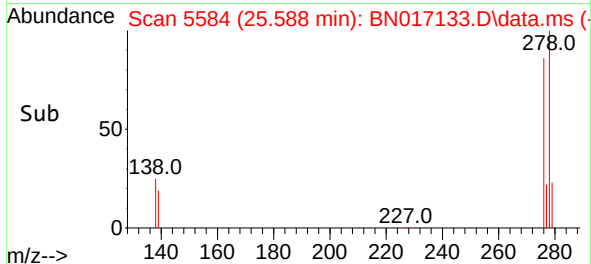
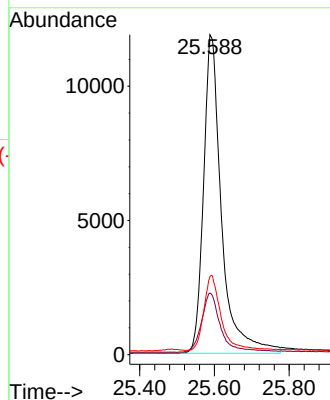
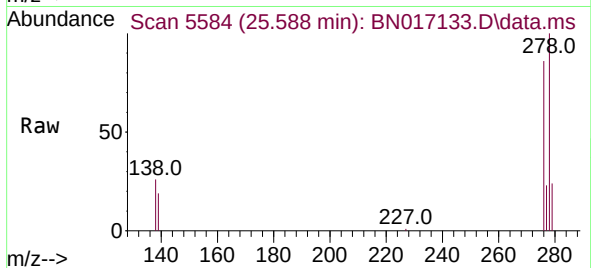
279 24.4 19.5 29.3

Instrument :

BNA_N

ClientSampleId :

SSTD0.4231



#29

Benzo(g,h,i)perylene

Concen: 0.410 ng/ul

RT: 26.242 min Scan# 5779

Delta R.T. 0.000 min

Lab File: BN017133.D

Acq: 27 Oct 2021 18:55

Tgt Ion:276 Resp: 43100

Ion Ratio Lower Upper

276 100

138 24.0 19.2 28.8

277 23.8 19.0 28.6

