

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102721\
 Data File : BN017132.D
 Acq On : 27 Oct 2021 18:19
 Operator : CG/JU
 Sample : SST0.230
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

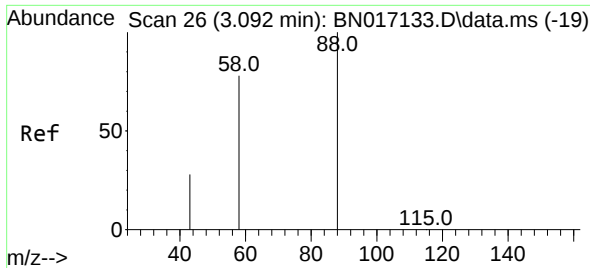
Instrument :
 BNA_N
 ClientSampleId :
 SST0.2230

Quant Time: Oct 28 01:06:26 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	4663	0.400	ng/ul	0.00
4) Naphthalene-d8	10.304	136	18189	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.183	164	11799	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.939	188	26425	0.400	ng/ul	0.00
17) Chrysene-d12	21.149	240	27115	0.400	ng/ul	0.00
23) Perylene-d12	23.350	264	28246	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.059	96	1087	0.215	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.905	152	5235	0.202	ng/ul	0.00
18) Fluoranthene-d10	18.975	212	14170	0.212	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.092	88	1270	0.208	ng/ul#	87
5) Naphthalene	10.354	128	10025	0.182	ng/ul	99
7) 2-Methylnaphthalene	11.982	142	6905	0.201	ng/ul	100
8) 1-Methylnaphthalene	12.202	142	7184	0.206	ng/ul	99
10) Acenaphthylene	13.901	152	9181	0.192	ng/ul	99
11) Acenaphthene	14.243	153	8160	0.199	ng/ul	99
12) Fluorene	15.243	166	9476	0.200	ng/ul	100
14) Pentachlorophenol	16.593	266	1171	0.184	ng/ul	98
15) Phenanthrene	16.977	178	16597	0.198	ng/ul	99
16) Anthracene	17.070	178	13400	0.189	ng/ul	99
19) Fluoranthene	19.007	202	19084	0.205	ng/ul	100
20) Pyrene	19.370	202	20009	0.209	ng/ul	97
21) Benzo(a)anthracene	21.135	228	17189	0.194	ng/ul	99
22) Chrysene	21.184	228	20155	0.200	ng/ul	100
24) Benzo(b)fluoranthene	22.692	252	20332	0.191	ng/ul	97
25) Benzo(k)fluoranthene	22.692	252	20332	0.174	ng/ul	97
26) Benzo(a)pyrene	23.253	252	18473	0.194	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.571	276	26145	0.194	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.592	278	20452	0.191	ng/ul	96
29) Benzo(g,h,i)perylene	26.242	276	22337	0.191	ng/ul	99

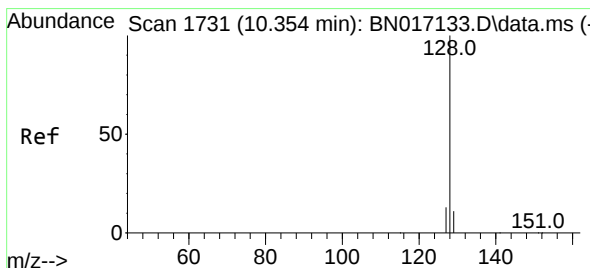
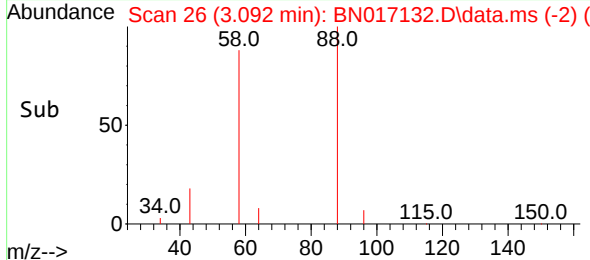
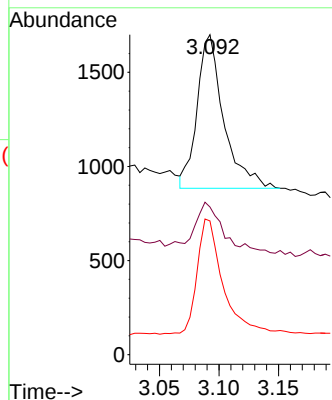
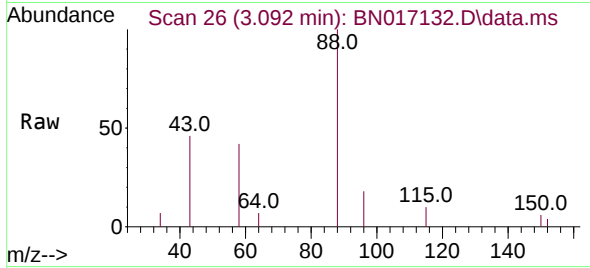
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 0.208 ng/ul
RT: 3.092 min Scan# 26
Delta R.T. 0.000 min
Lab File: BN017132.D
Acq: 27 Oct 2021 18:19

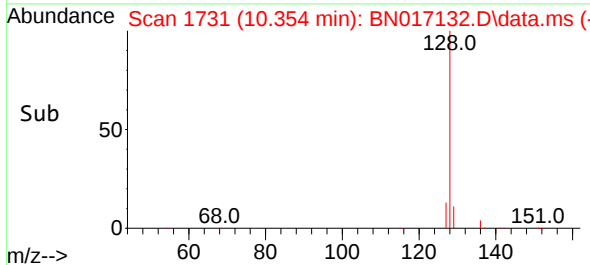
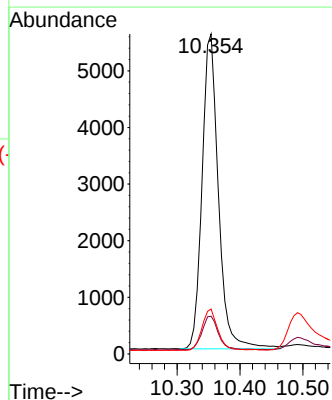
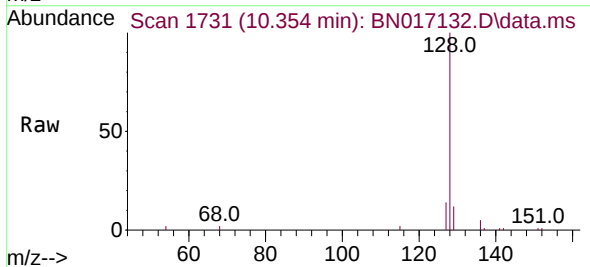
Instrument :
BNA_N
ClientSampleId :
SSTD0.2230

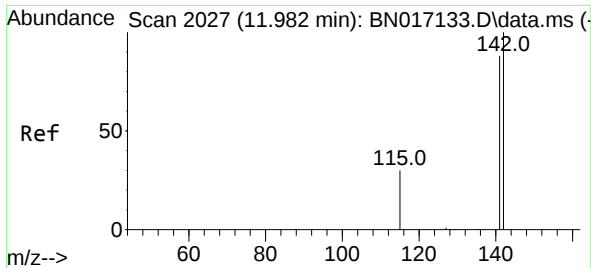
Tgt Ion: 88 Resp: 1270
Ion Ratio Lower Upper
88 100
43 46.2 31.8 47.6
58 41.8 41.9 62.9#



#5
Naphthalene
Concen: 0.182 ng/ul
RT: 10.354 min Scan# 1731
Delta R.T. 0.000 min
Lab File: BN017132.D
Acq: 27 Oct 2021 18:19

Tgt Ion:128 Resp: 10025
Ion Ratio Lower Upper
128 100
129 11.8 9.2 13.8
127 14.0 10.8 16.2

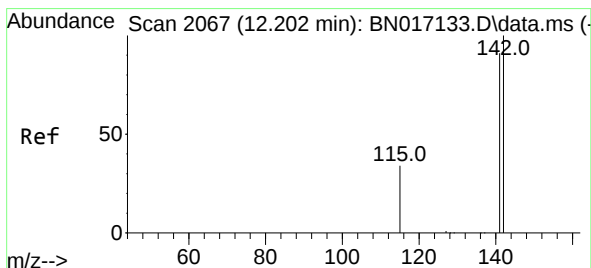
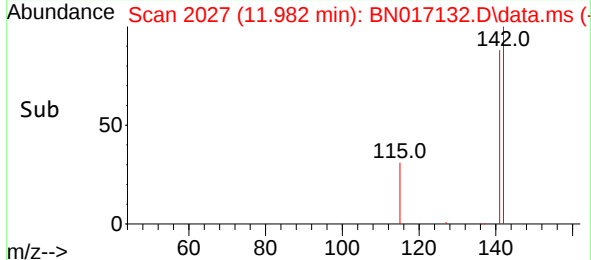
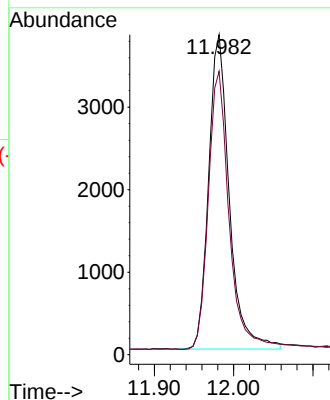
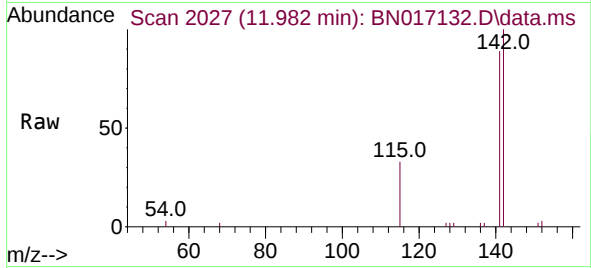




#7
2-Methylnaphthalene
Concen: 0.201 ng/ul
RT: 11.982 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BN017132.D
Acq: 27 Oct 2021 18:19

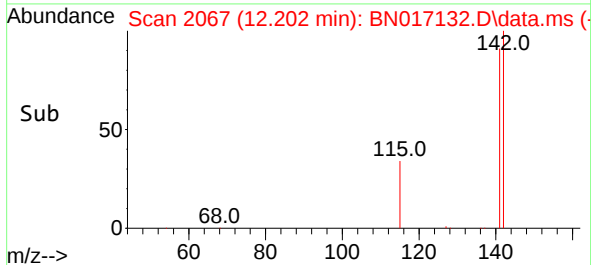
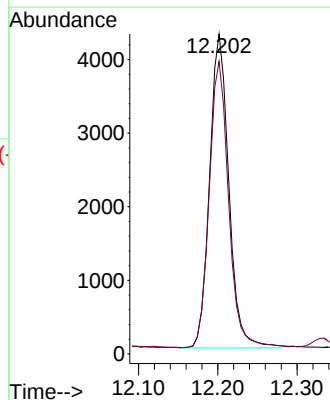
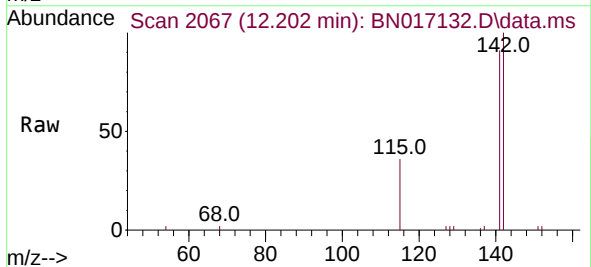
Instrument :
BNA_N
ClientSampleId :
SSTD0.2230

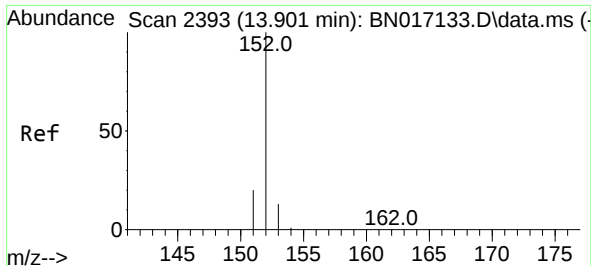
Tgt Ion:142 Resp: 6905
Ion Ratio Lower Upper
142 100
141 89.0 71.0 106.4



#8
1-Methylnaphthalene
Concen: 0.206 ng/ul
RT: 12.202 min Scan# 2067
Delta R.T. 0.000 min
Lab File: BN017132.D
Acq: 27 Oct 2021 18:19

Tgt Ion:142 Resp: 7184
Ion Ratio Lower Upper
142 100
141 91.6 73.8 110.8

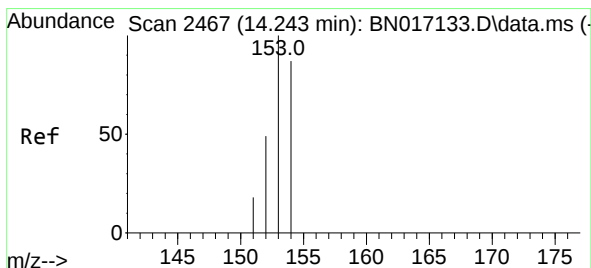
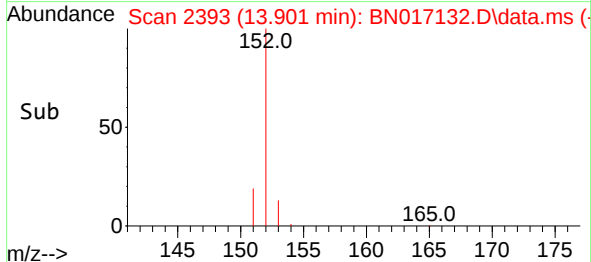
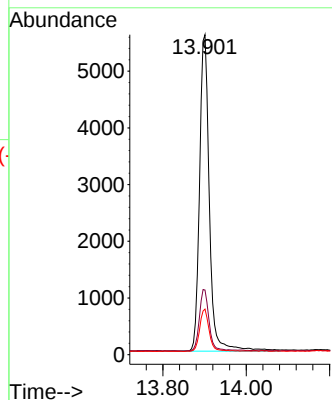
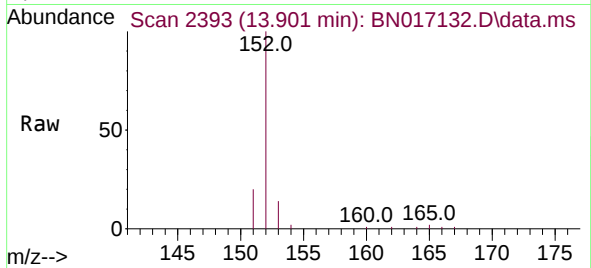




#10
Acenaphthylene
Concen: 0.192 ng/ul
RT: 13.901 min Scan# 2393
Delta R.T. 0.000 min
Lab File: BN017132.D
Acq: 27 Oct 2021 18:19

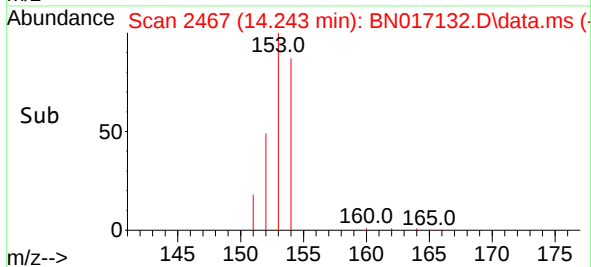
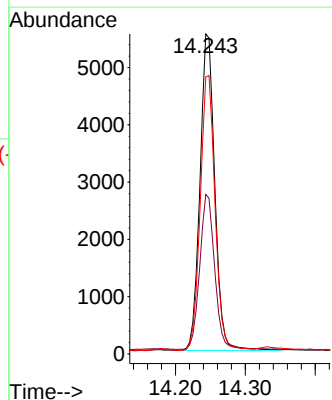
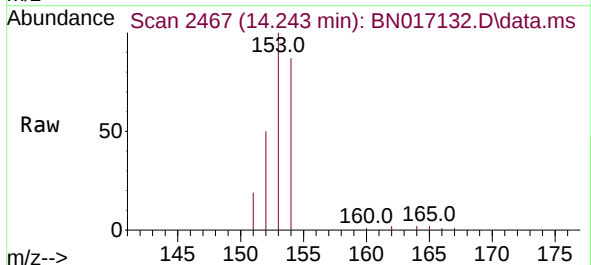
Instrument :
BNA_N
ClientSampleId :
SSTD0.2230

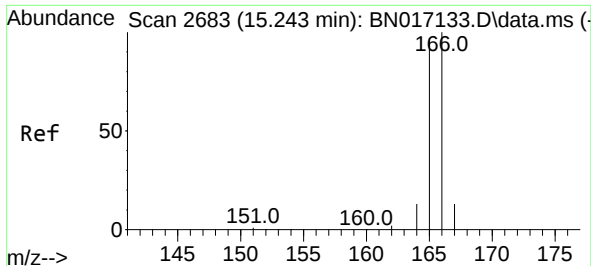
Tgt Ion:	152	Resp:	9181
Ion Ratio	Lower	Upper	
152	100		
151	20.2	16.0	24.0
153	14.3	10.8	16.2



#11
Acenaphthene
Concen: 0.199 ng/ul
RT: 14.243 min Scan# 2467
Delta R.T. 0.000 min
Lab File: BN017132.D
Acq: 27 Oct 2021 18:19

Tgt Ion:	153	Resp:	8160
Ion Ratio	Lower	Upper	
153	100		
152	49.8	39.5	59.3
154	86.6	70.0	105.0

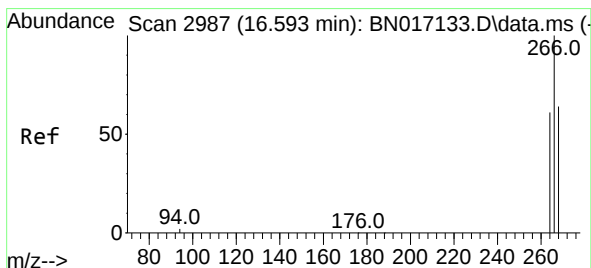
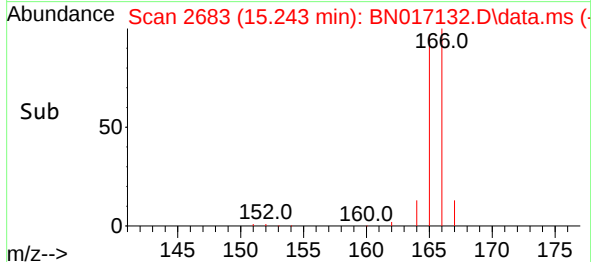
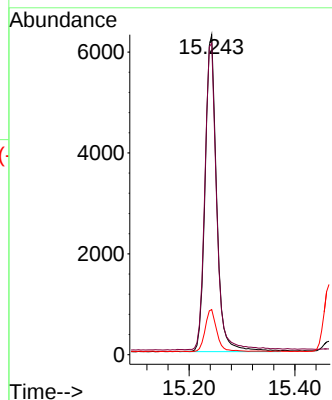
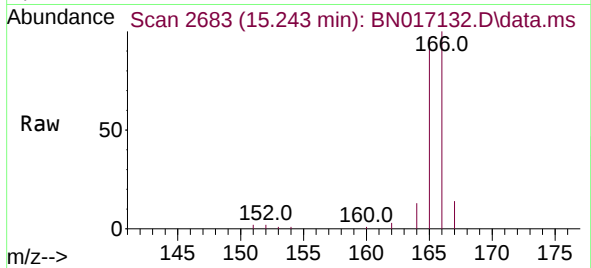




#12
Fluorene
Concen: 0.200 ng/ul
RT: 15.243 min Scan# 2683
Delta R.T. 0.000 min
Lab File: BN017132.D
Acq: 27 Oct 2021 18:19

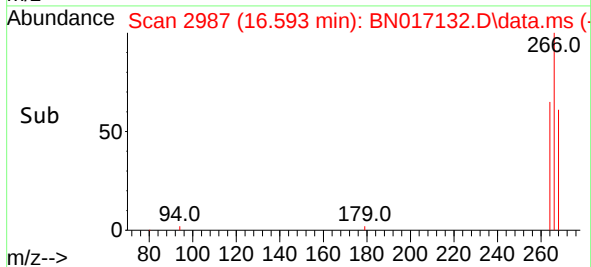
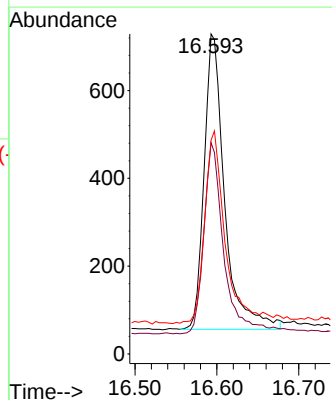
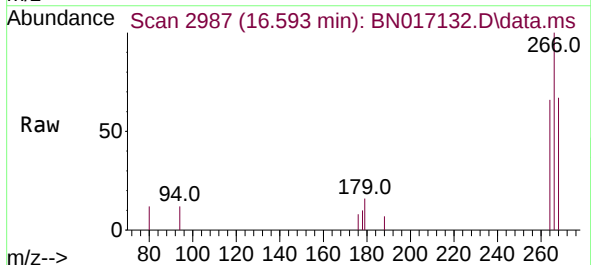
Instrument :
BNA_N
ClientSampleId :
SSTD0.2230

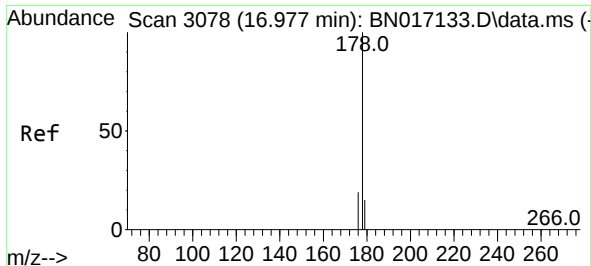
Tgt Ion:166 Resp: 9476
Ion Ratio Lower Upper
166 100
165 97.3 77.7 116.5
167 14.1 11.1 16.7



#14
Pentachlorophenol
Concen: 0.184 ng/ul
RT: 16.593 min Scan# 2987
Delta R.T. 0.000 min
Lab File: BN017132.D
Acq: 27 Oct 2021 18:19

Tgt Ion:266 Resp: 1171
Ion Ratio Lower Upper
266 100
264 62.9 49.9 74.9
268 66.6 51.2 76.8

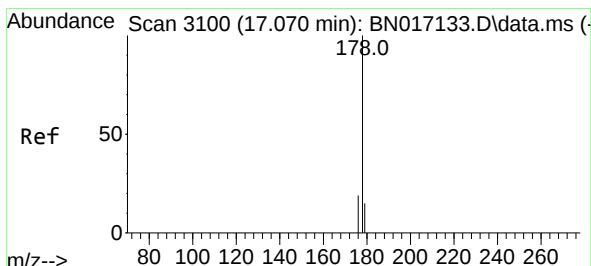
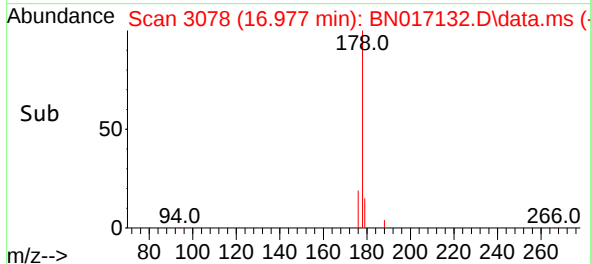
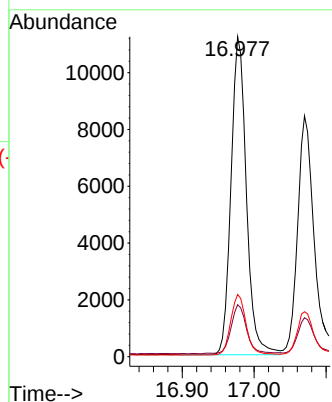
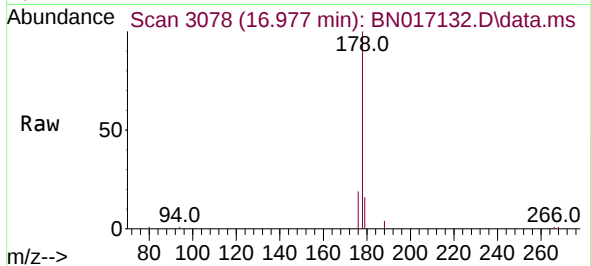




#15
Phenanthrene
Concen: 0.198 ng/u1
RT: 16.977 min Scan# 3078
Delta R.T. 0.000 min
Lab File: BN017132.D
Acq: 27 Oct 2021 18:19

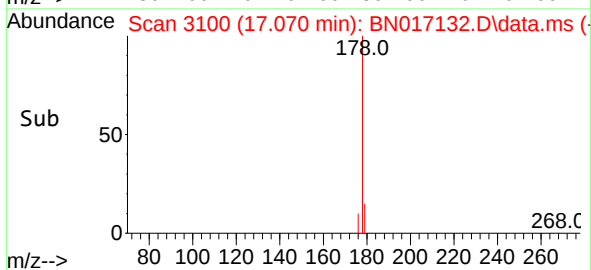
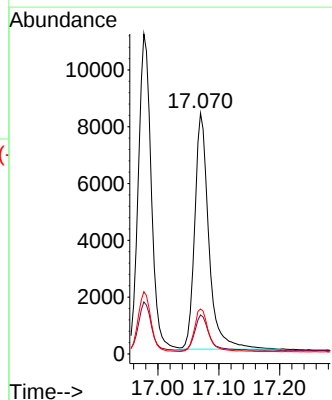
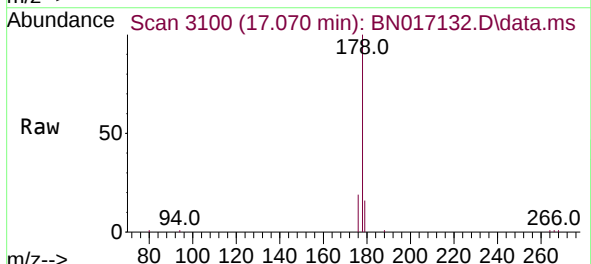
Instrument :
BNA_N
ClientSampleId :
SSTD0.2230

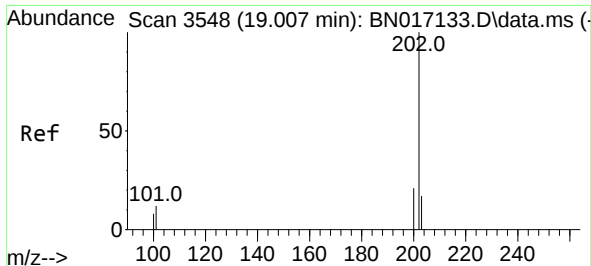
Tgt Ion:178	Resp:	16597
Ion Ratio	Lower	Upper
178	100	
179	16.3	12.6 19.0
176	19.4	15.5 23.3



#16
Anthracene
Concen: 0.189 ng/u1
RT: 17.070 min Scan# 3100
Delta R.T. 0.000 min
Lab File: BN017132.D
Acq: 27 Oct 2021 18:19

Tgt Ion:178	Resp:	13400
Ion Ratio	Lower	Upper
178	100	
179	16.2	12.6 19.0
176	18.7	15.2 22.8





#19

Fluoranthene

Concen: 0.205 ng/ul

RT: 19.007 min Scan# 3548

Delta R.T. 0.000 min

Lab File: BN017132.D

Acq: 27 Oct 2021 18:19

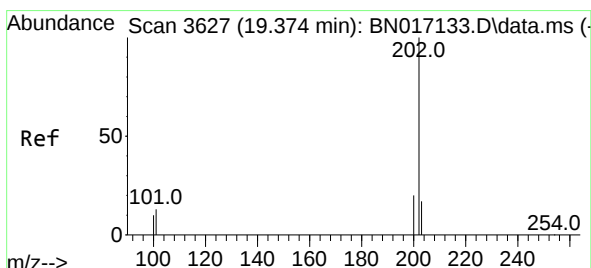
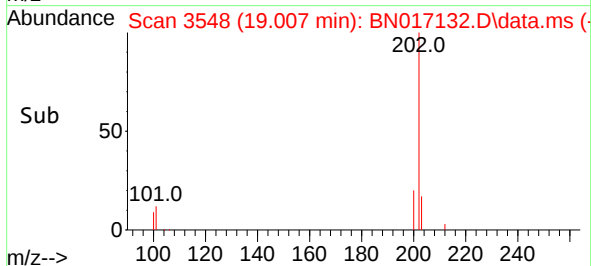
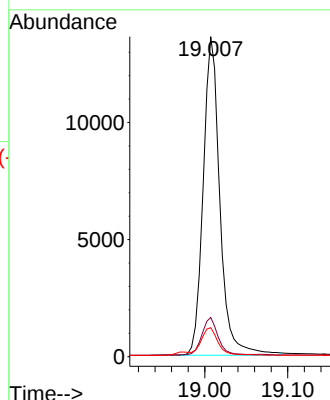
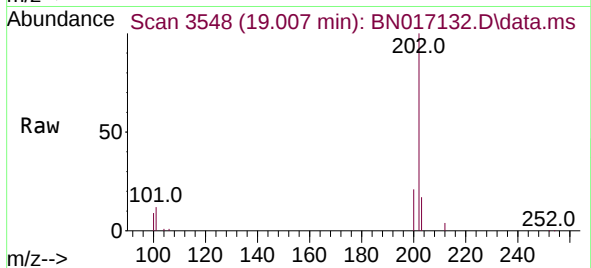
Tgt Ion:	202	Resp:	19084
Ion Ratio	Lower	Upper	
202	100		
101	12.3	9.7	14.5
100	9.0	7.2	10.8

Instrument :

BNA_N

ClientSampleId :

SSTD0.2230



#20

Pyrene

Concen: 0.209 ng/ul

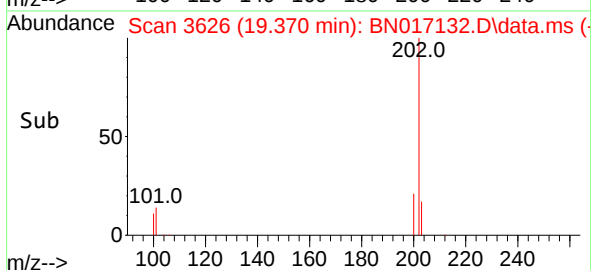
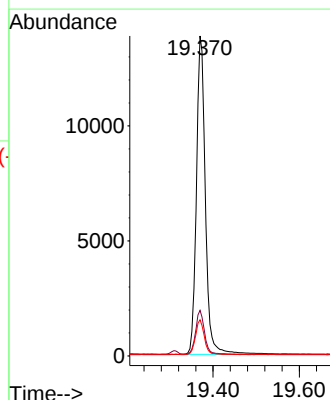
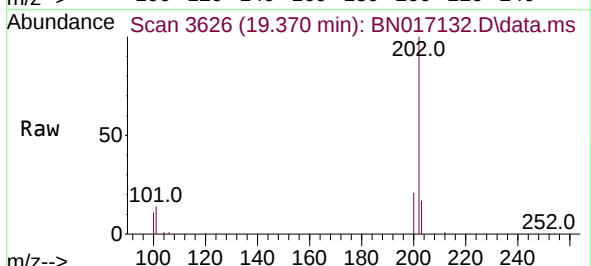
RT: 19.370 min Scan# 3626

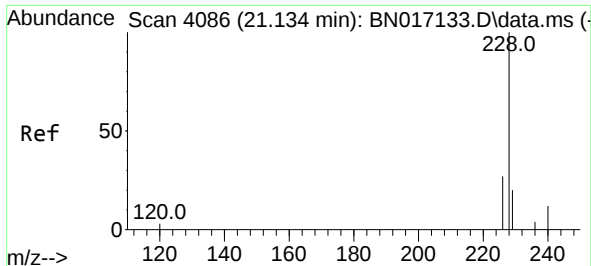
Delta R.T. -0.005 min

Lab File: BN017132.D

Acq: 27 Oct 2021 18:19

Tgt Ion:	202	Resp:	20009
Ion Ratio	Lower	Upper	
202	100		
101	14.2	10.3	15.5
100	11.3	8.2	12.2

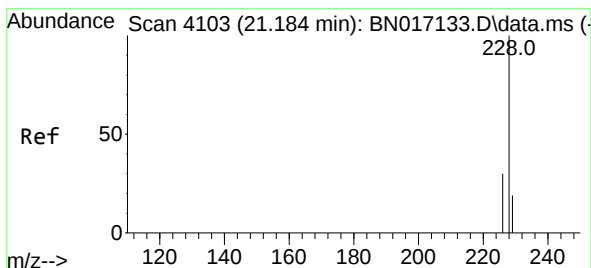
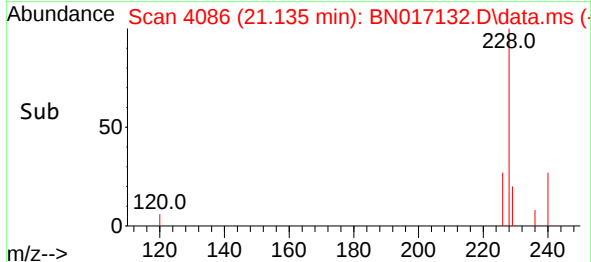
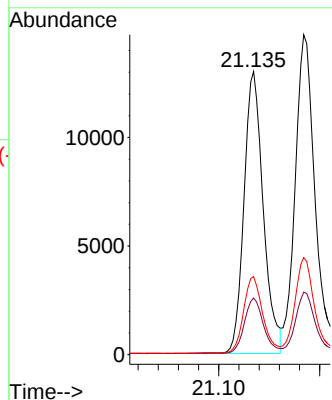
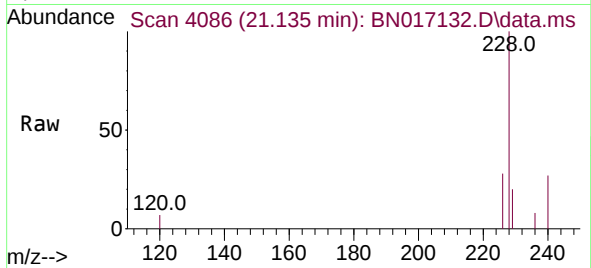




#21
Benzo(a)anthracene
Concen: 0.194 ng/ul
RT: 21.135 min Scan# 4086
Delta R.T. 0.000 min
Lab File: BN017132.D
Acq: 27 Oct 2021 18:19

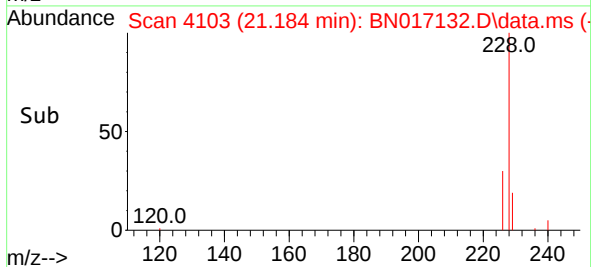
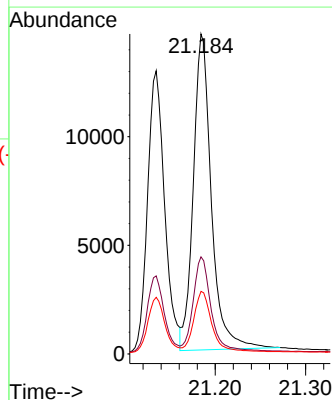
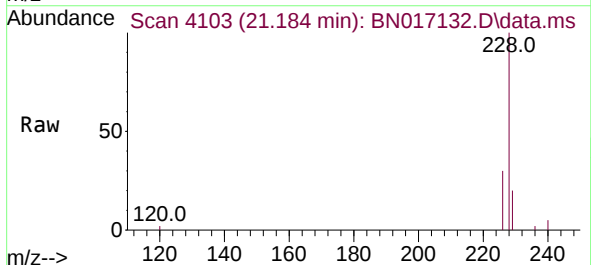
Instrument :
BNA_N
ClientSampleId :
SSTD0.2230

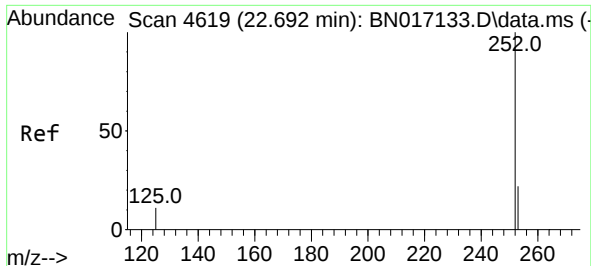
Tgt Ion:228 Resp: 17189
Ion Ratio Lower Upper
228 100
229 20.0 16.1 24.1
226 27.5 21.7 32.5



#22
Chrysene
Concen: 0.200 ng/ul
RT: 21.184 min Scan# 4103
Delta R.T. 0.000 min
Lab File: BN017132.D
Acq: 27 Oct 2021 18:19

Tgt Ion:228 Resp: 20155
Ion Ratio Lower Upper
228 100
226 30.3 24.1 36.1
229 19.6 15.4 23.2

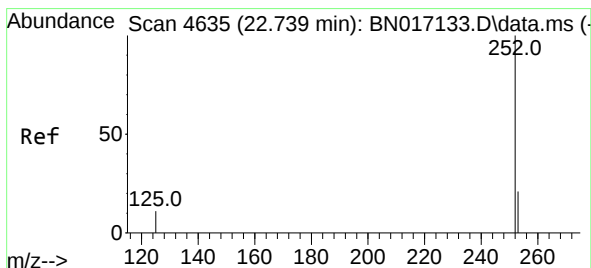
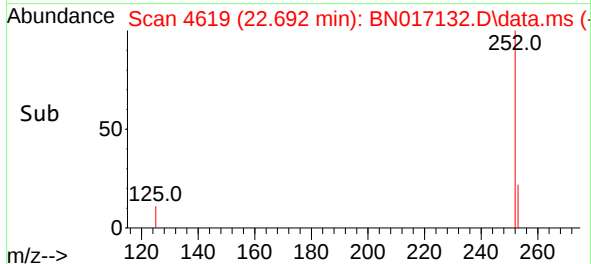
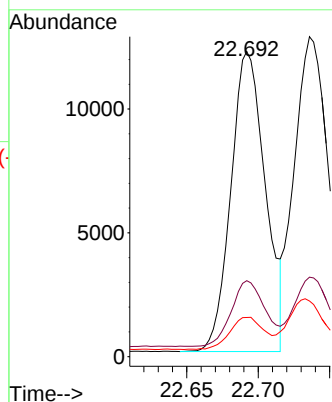
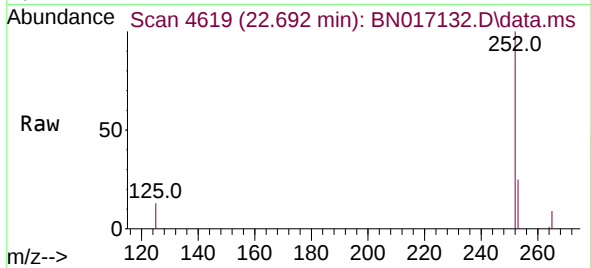




#24
Benzo(b)fluoranthene
Concen: 0.191 ng/ul
RT: 22.692 min Scan# 4619
Delta R.T. 0.000 min
Lab File: BN017132.D
Acq: 27 Oct 2021 18:19

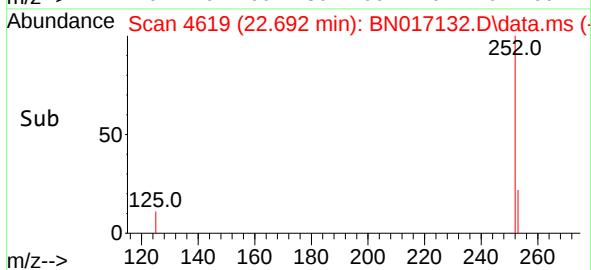
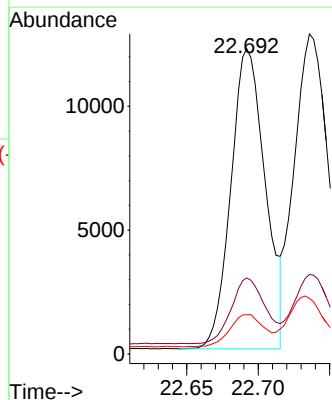
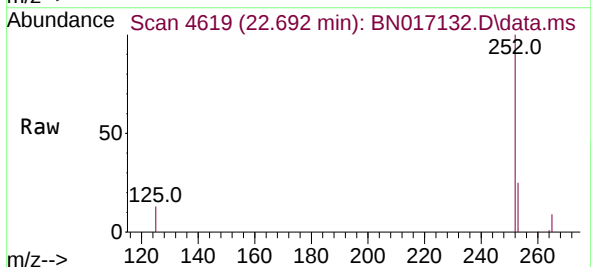
Instrument :
BNA_N
ClientSampleId :
SSTD0.2230

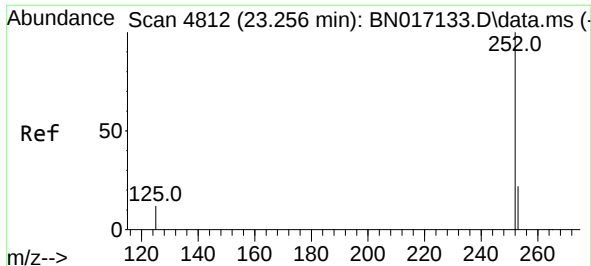
Tgt Ion:252	Resp:	20332
Ion Ratio	Lower	Upper
252	100	
253	24.9	0.0 46.8
125	12.8	0.0 23.8



#25
Benzo(k)fluoranthene
Concen: 0.174 ng/ul
RT: 22.692 min Scan# 4619
Delta R.T. -0.047 min
Lab File: BN017132.D
Acq: 27 Oct 2021 18:19

Tgt Ion:252	Resp:	20332
Ion Ratio	Lower	Upper
252	100	
253	24.9	18.3 27.5
125	12.8	10.0 15.0

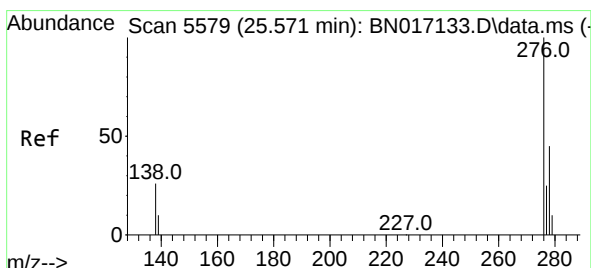
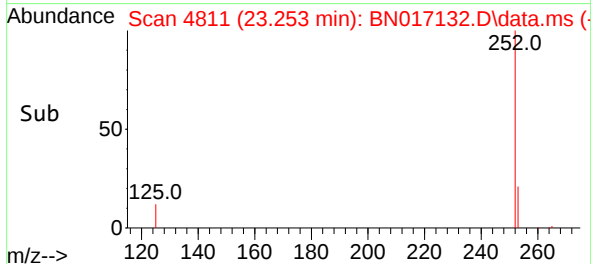
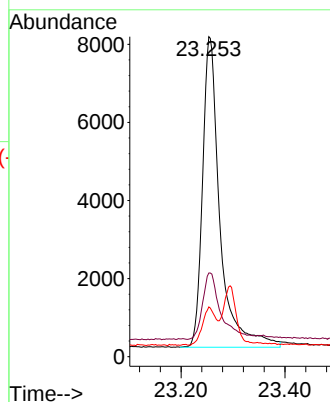
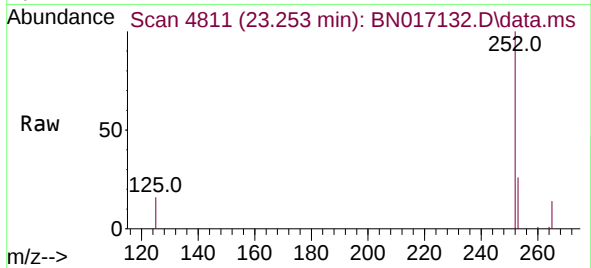




#26
Benzo(a)pyrene
Concen: 0.194 ng/ul
RT: 23.253 min Scan# 4811
Delta R.T. -0.003 min
Lab File: BN017132.D
Acq: 27 Oct 2021 18:19

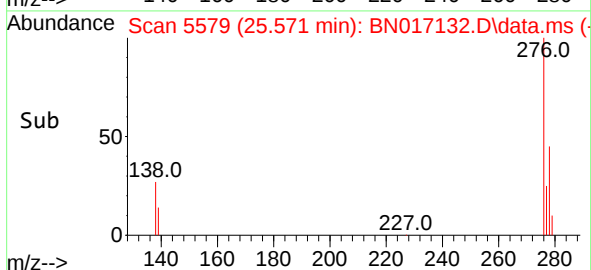
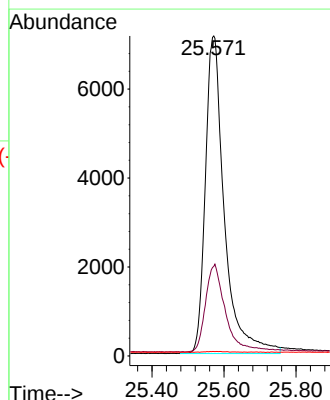
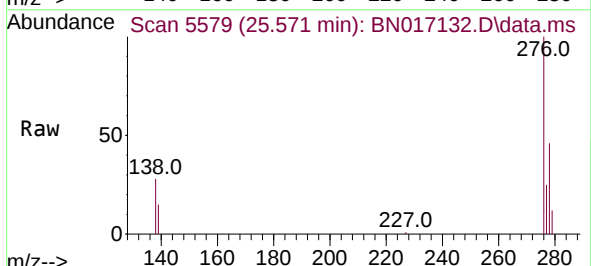
Instrument :
BNA_N
ClientSampleId :
SSTD0.2230

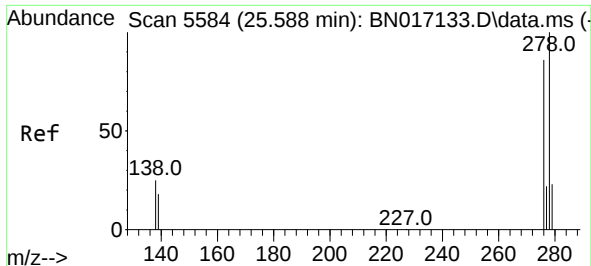
Tgt Ion:	252	Resp:	18473
Ion Ratio	Lower	Upper	
252	100		
253	26.2	19.3	28.9
125	15.6	10.8	16.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.194 ng/ul
RT: 25.571 min Scan# 5579
Delta R.T. 0.000 min
Lab File: BN017132.D
Acq: 27 Oct 2021 18:19

Tgt Ion:	276	Resp:	26145
Ion Ratio	Lower	Upper	
276	100		
138	29.4	22.2	33.4
227	0.2	0.0	0.0#

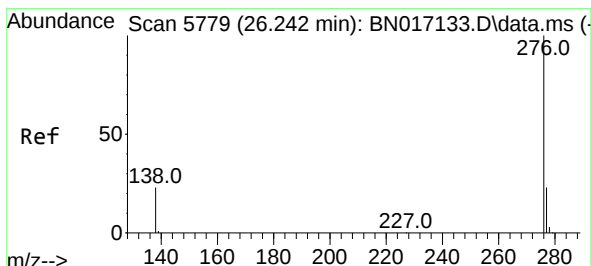
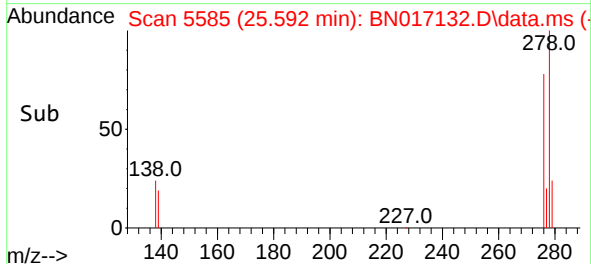
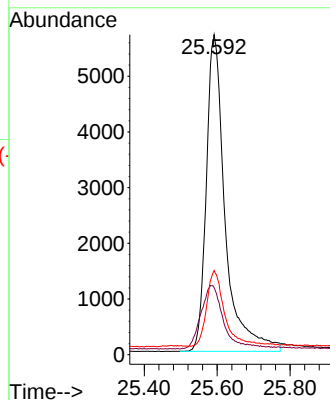
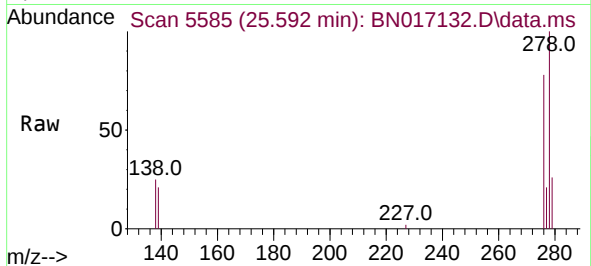




#28
Dibenzo(a,h)anthracene
Concen: 0.191 ng/ul
RT: 25.592 min Scan# 5585
Delta R.T. 0.003 min
Lab File: BN017132.D
Acq: 27 Oct 2021 18:19

Instrument :
BNA_N
ClientSampleId :
SSTD0.2230

Tgt Ion:278 Resp: 20452
Ion Ratio Lower Upper
278 100
139 21.0 15.4 23.0
279 26.3 19.5 29.3



#29
Benzo(g,h,i)perylene
Concen: 0.191 ng/ul
RT: 26.242 min Scan# 5779
Delta R.T. 0.000 min
Lab File: BN017132.D
Acq: 27 Oct 2021 18:19

Tgt Ion:276 Resp: 22337
Ion Ratio Lower Upper
276 100
138 24.7 19.2 28.8
277 24.2 19.0 28.6

