

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102721\
 Data File : BN017131.D
 Acq On : 27 Oct 2021 17:42
 Operator : CG/JU
 Sample : SST0.129
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.1229

Quant Time: Oct 28 01:06:16 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)

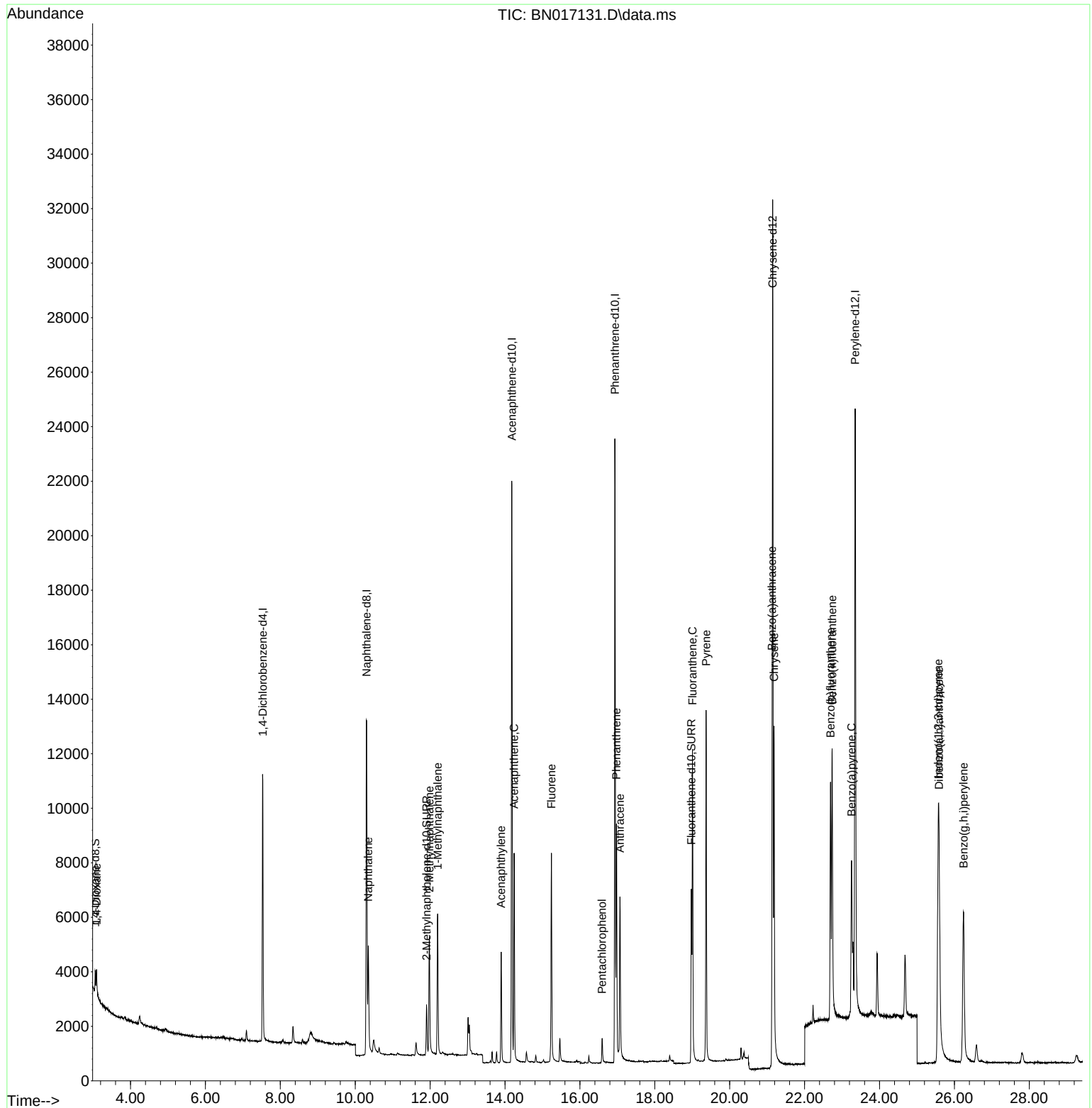
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.531	152	5050	0.400	ng/ul	0.00
4) Naphthalene-d8	10.304	136	18592	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.183	164	12259	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.935	188	27186	0.400	ng/ul	0.00
17) Chrysene-d12	21.149	240	27880	0.400	ng/ul	0.00
23) Perylene-d12	23.350	264	29855	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.059	96	614	0.112	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.905	152	2778	0.105	ng/ul	0.00
18) Fluoranthene-d10	18.975	212	7525	0.109	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.092	88	948	0.144	ng/ul#	72
5) Naphthalene	10.348	128	5398	0.096	ng/ul	97
7) 2-Methylnaphthalene	11.982	142	3663	0.105	ng/ul	100
8) 1-Methylnaphthalene	12.202	142	3794	0.106	ng/ul	99
10) Acenaphthylene	13.896	152	4959	0.100	ng/ul	95
11) Acenaphthene	14.243	153	4398	0.103	ng/ul	99
12) Fluorene	15.238	166	5041	0.102	ng/ul	98
14) Pentachlorophenol	16.593	266	704	0.107	ng/ul	99
15) Phenanthrene	16.977	178	9097	0.105	ng/ul	99
16) Anthracene	17.070	178	7268	0.100	ng/ul	97
19) Fluoranthene	19.007	202	10329	0.108	ng/ul	99
20) Pyrene	19.370	202	10998	0.112	ng/ul	96
21) Benzo(a)anthracene	21.132	228	9492	0.104	ng/ul	98
22) Chrysene	21.184	228	10884	0.105	ng/ul	99
24) Benzo(b)fluoranthene	22.692	252	11143	0.099	ng/ul	91
25) Benzo(k)fluoranthene	22.736	252	12829	0.104	ng/ul#	81
26) Benzo(a)pyrene	23.253	252	10345	0.103	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.568	276	14549	0.102	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.592	278	11406	0.101	ng/ul#	92
29) Benzo(g,h,i)perylene	26.246	276	12217	0.099	ng/ul	98

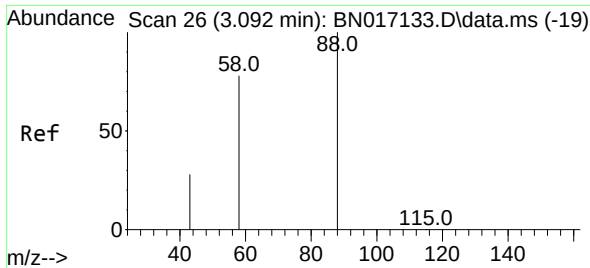
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102721\
Data File : BN017131.D
Acq On : 27 Oct 2021 17:42
Operator : CG/JU
Sample : SST0.129
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.1229

Quant Time: Oct 28 01:06:16 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

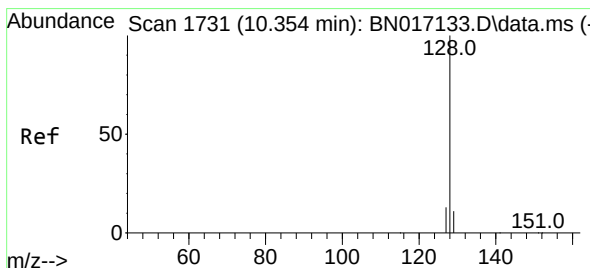
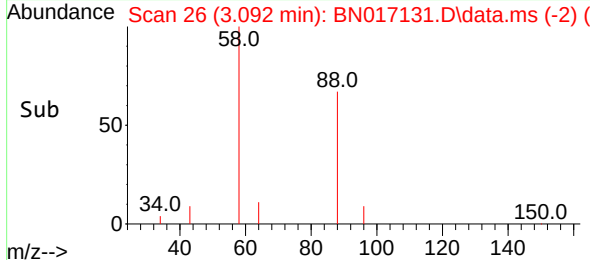
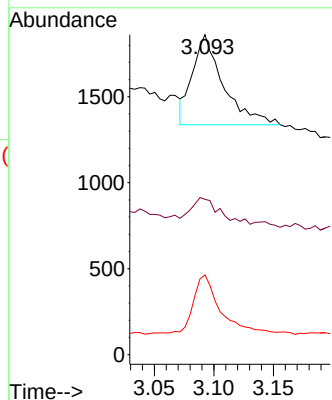
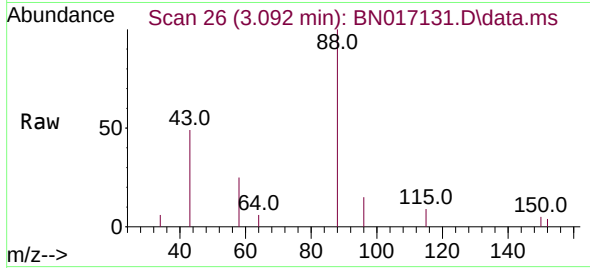




#2
1,4-Dioxane
Concen: 0.144 ng/ul
RT: 3.092 min Scan# 26
Delta R.T. 0.000 min
Lab File: BN017131.D
Acq: 27 Oct 2021 17:42

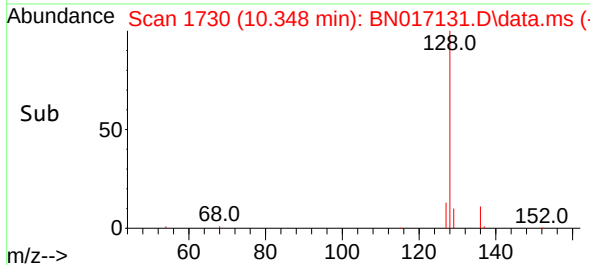
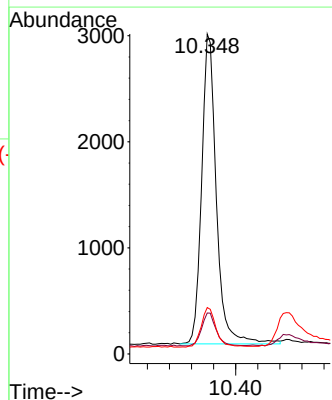
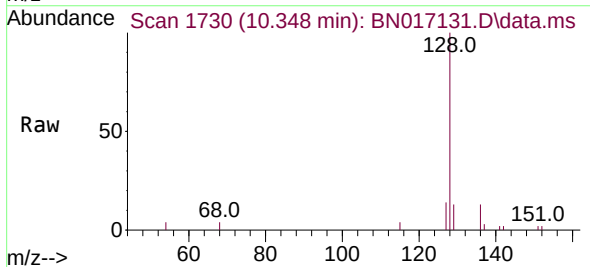
Instrument :
BNA_N
ClientSampleId :
SSTD0.1229

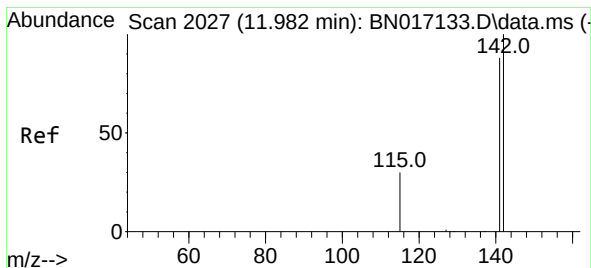
Tgt Ion: 88 Resp: 948
Ion Ratio Lower Upper
88 100
43 48.5 31.8 47.6#
58 24.9 41.9 62.9#



#5
Naphthalene
Concen: 0.096 ng/ul
RT: 10.348 min Scan# 1730
Delta R.T. -0.005 min
Lab File: BN017131.D
Acq: 27 Oct 2021 17:42

Tgt Ion: 128 Resp: 5398
Ion Ratio Lower Upper
128 100
129 12.8 9.2 13.8
127 14.5 10.8 16.2

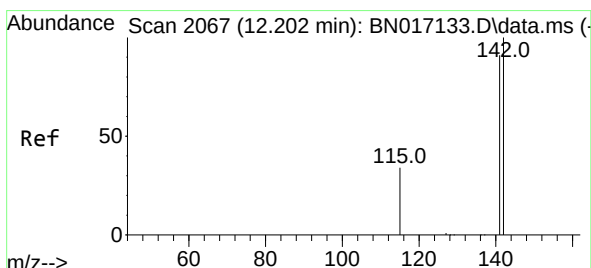
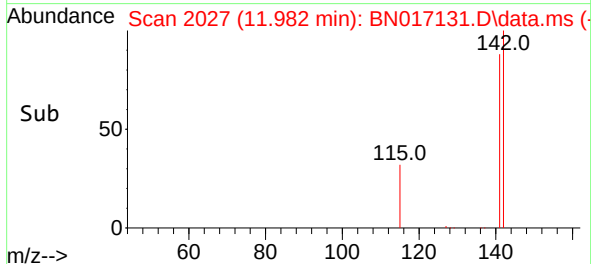
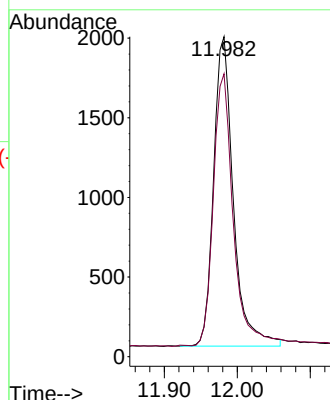
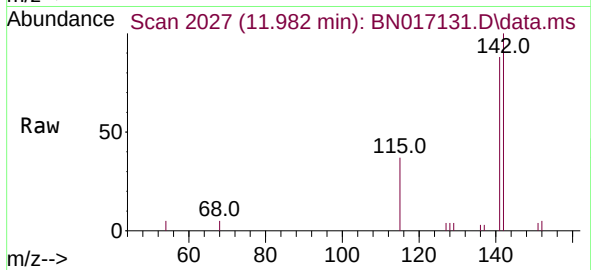




#7
2-Methylnaphthalene
Concen: 0.105 ng/ul
RT: 11.982 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BN017131.D
Acq: 27 Oct 2021 17:42

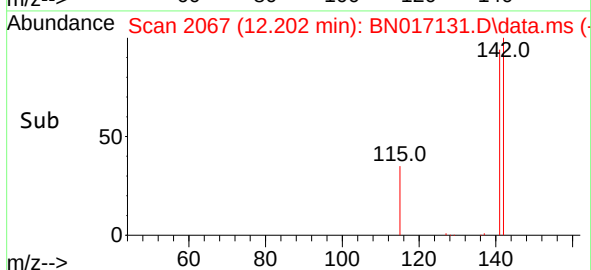
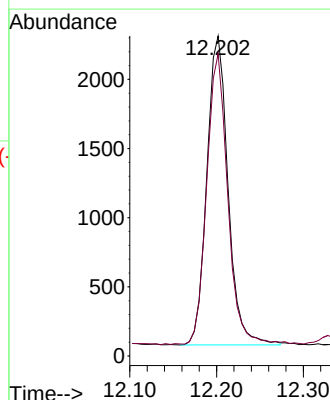
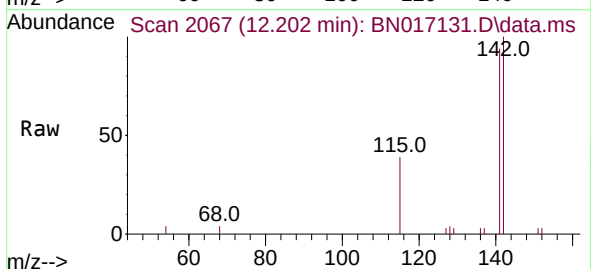
Instrument :
BNA_N
ClientSampleId :
SSTD0.1229

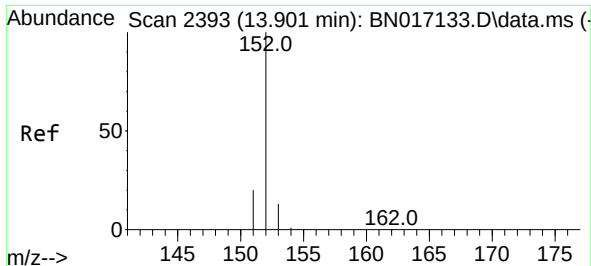
Tgt Ion:142 Resp: 3663
Ion Ratio Lower Upper
142 100
141 88.6 71.0 106.4



#8
1-Methylnaphthalene
Concen: 0.106 ng/ul
RT: 12.202 min Scan# 2067
Delta R.T. 0.000 min
Lab File: BN017131.D
Acq: 27 Oct 2021 17:42

Tgt Ion:142 Resp: 3794
Ion Ratio Lower Upper
142 100
141 93.0 73.8 110.8

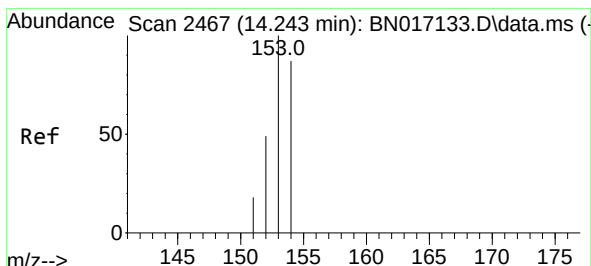
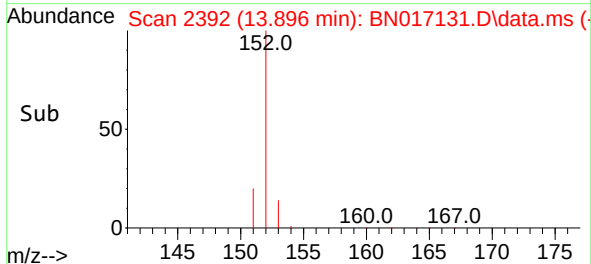
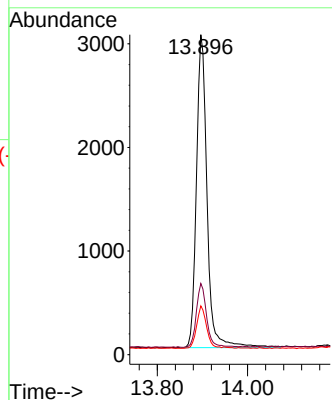
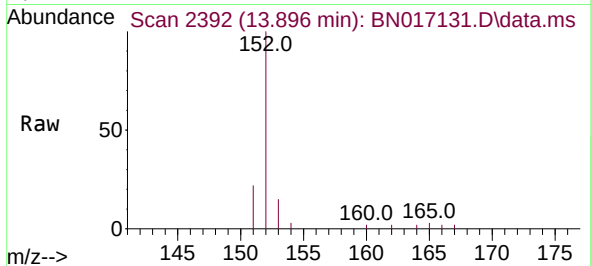




#10
Acenaphthylene
Concen: 0.100 ng/ul
RT: 13.896 min Scan# 2392
Delta R.T. -0.004 min
Lab File: BN017131.D
Acq: 27 Oct 2021 17:42

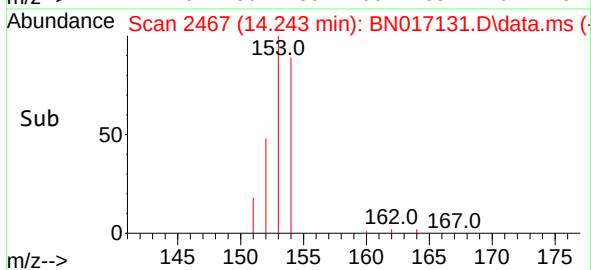
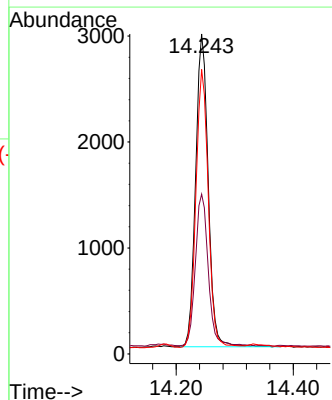
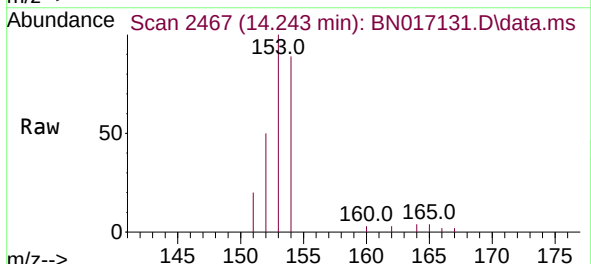
Instrument :
BNA_N
ClientSampleId :
SSTD0.1229

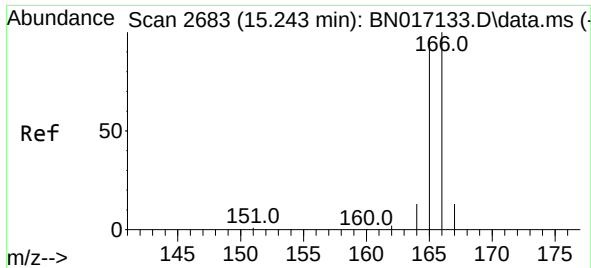
Tgt Ion:152	Resp:	4959
Ion Ratio	Lower	Upper
152	100	
151	22.2	16.0 24.0
153	15.3	10.8 16.2



#11
Acenaphthene
Concen: 0.103 ng/ul
RT: 14.243 min Scan# 2467
Delta R.T. 0.000 min
Lab File: BN017131.D
Acq: 27 Oct 2021 17:42

Tgt Ion:153	Resp:	4398
Ion Ratio	Lower	Upper
153	100	
152	50.0	39.5 59.3
154	88.9	70.0 105.0

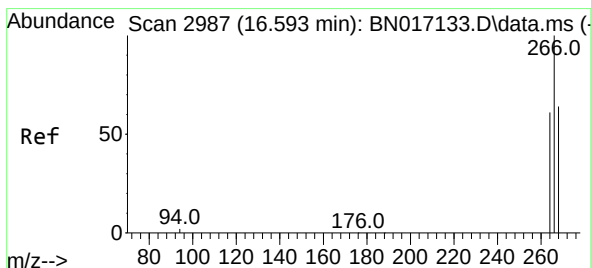
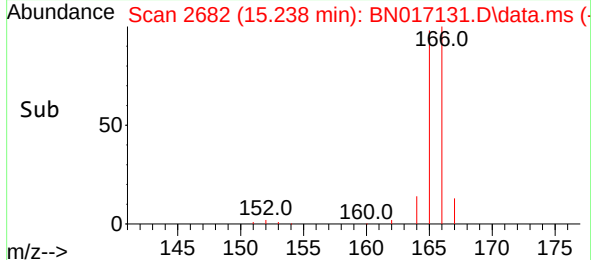
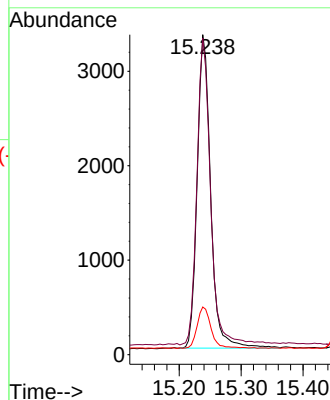
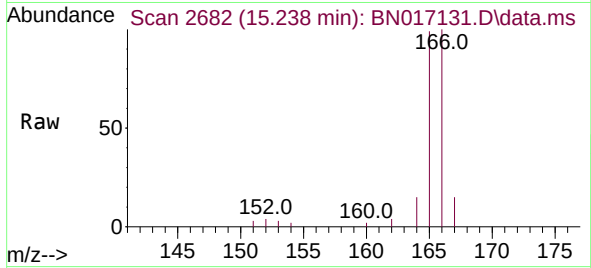




#12
Fluorene
Concen: 0.102 ng/ul
RT: 15.238 min Scan# 2682
Delta R.T. -0.004 min
Lab File: BN017131.D
Acq: 27 Oct 2021 17:42

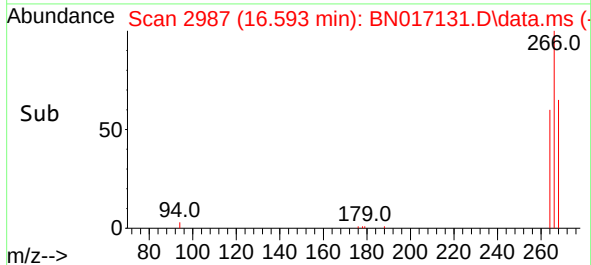
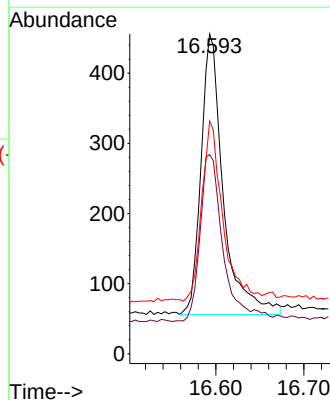
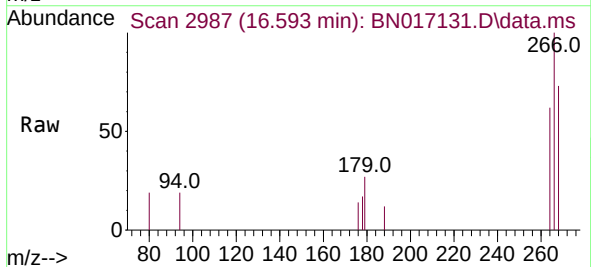
Instrument :
BNA_N
ClientSampleId :
SSTD0.1229

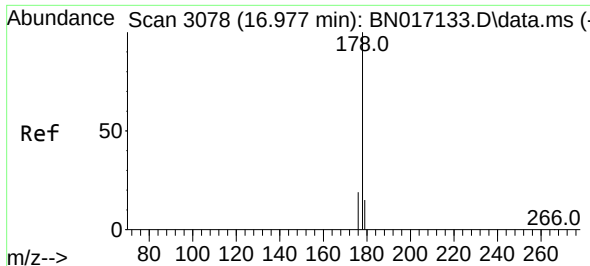
Tgt Ion:166 Resp: 5041
Ion Ratio Lower Upper
166 100
165 98.9 77.7 116.5
167 14.9 11.1 16.7



#14
Pentachlorophenol
Concen: 0.107 ng/ul
RT: 16.593 min Scan# 2987
Delta R.T. 0.000 min
Lab File: BN017131.D
Acq: 27 Oct 2021 17:42

Tgt Ion:266 Resp: 704
Ion Ratio Lower Upper
266 100
264 61.8 49.9 74.9
268 62.5 51.2 76.8

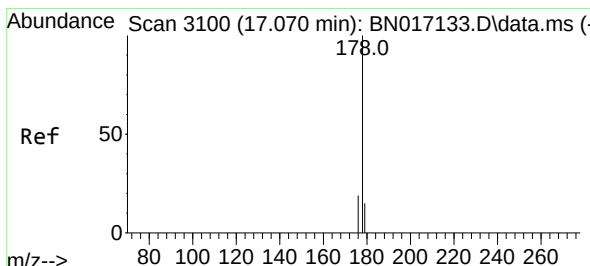
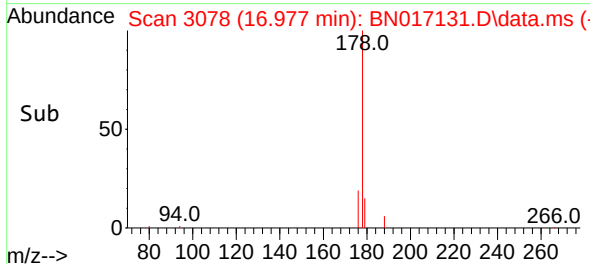
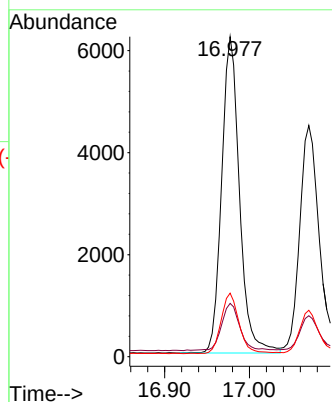
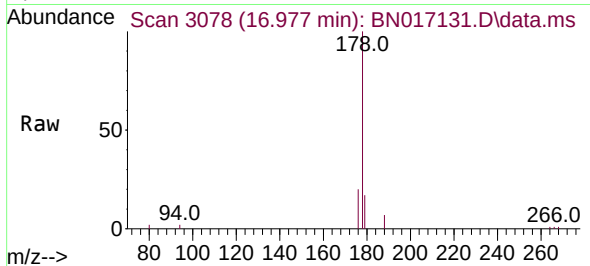




#15
Phenanthrene
Concen: 0.105 ng/u1
RT: 16.977 min Scan# 3078
Delta R.T. 0.000 min
Lab File: BN017131.D
Acq: 27 Oct 2021 17:42

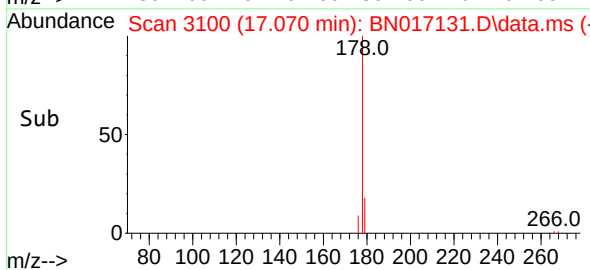
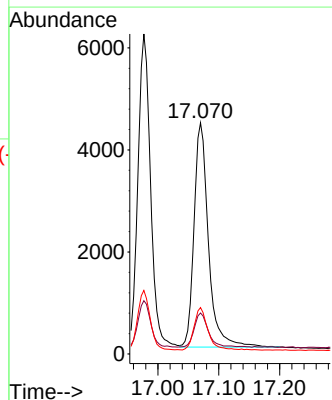
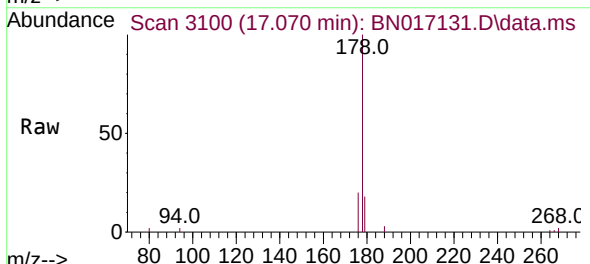
Instrument :
BNA_N
ClientSampleId :
SSTD0.1229

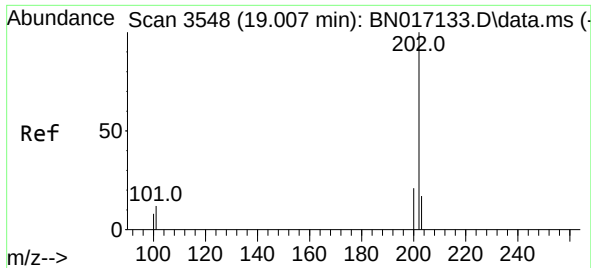
Tgt Ion:	178	Resp:	9097
Ion Ratio	Lower	Upper	
178	100		
179	16.7	12.6	19.0
176	19.9	15.5	23.3



#16
Anthracene
Concen: 0.100 ng/u1
RT: 17.070 min Scan# 3100
Delta R.T. 0.000 min
Lab File: BN017131.D
Acq: 27 Oct 2021 17:42

Tgt Ion:	178	Resp:	7268
Ion Ratio	Lower	Upper	
178	100		
179	17.7	12.6	19.0
176	20.1	15.2	22.8

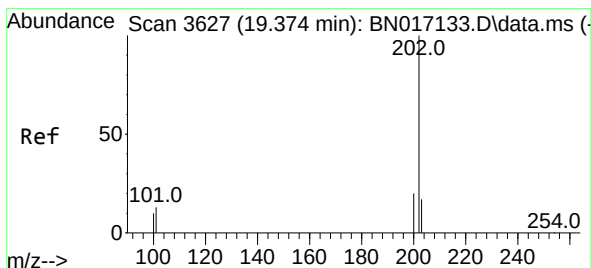
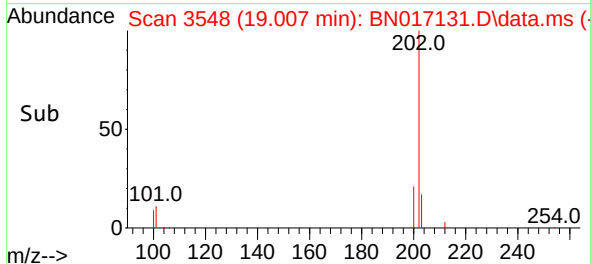
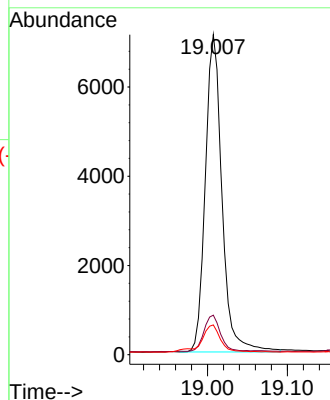
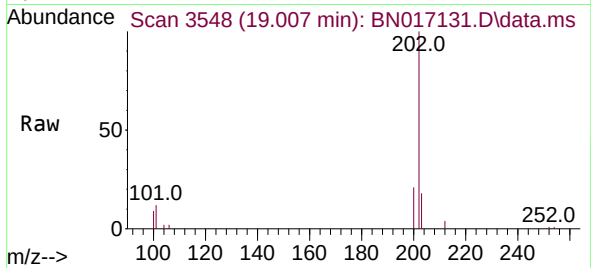




#19
Fluoranthene
Concen: 0.108 ng/ul
RT: 19.007 min Scan# 3548
Delta R.T. 0.000 min
Lab File: BN017131.D
Acq: 27 Oct 2021 17:42

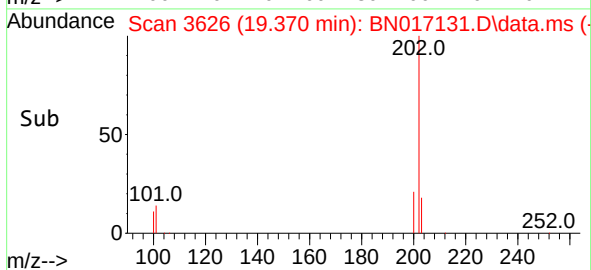
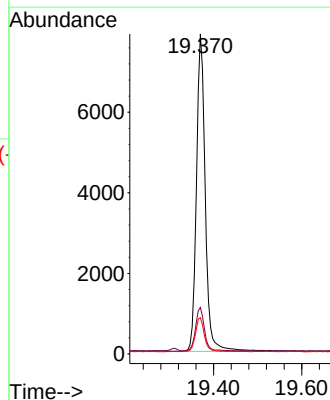
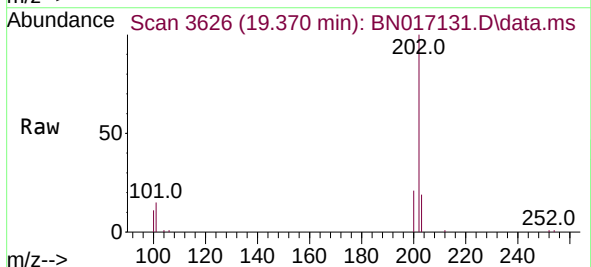
Instrument :
BNA_N
ClientSampleId :
SSTD0.1229

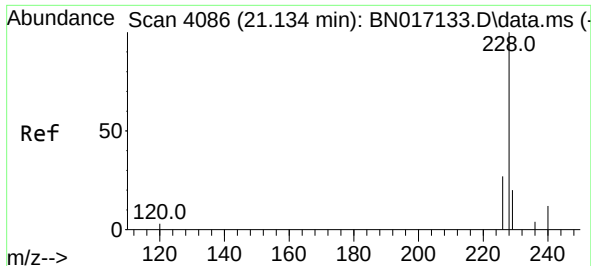
Tgt Ion:202 Resp: 10329
Ion Ratio Lower Upper
202 100
101 12.4 9.7 14.5
100 9.3 7.2 10.8



#20
Pyrene
Concen: 0.112 ng/ul
RT: 19.370 min Scan# 3626
Delta R.T. -0.004 min
Lab File: BN017131.D
Acq: 27 Oct 2021 17:42

Tgt Ion:202 Resp: 10998
Ion Ratio Lower Upper
202 100
101 14.6 10.3 15.5
100 11.4 8.2 12.2

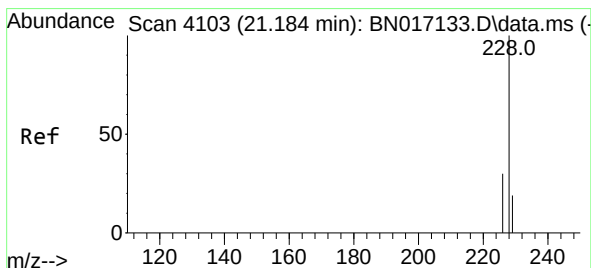
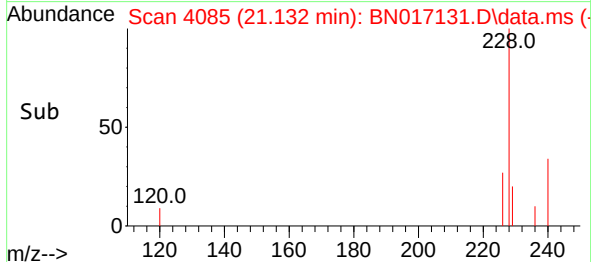
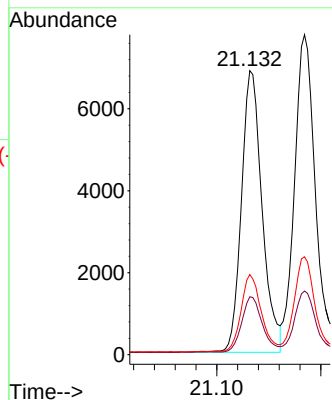
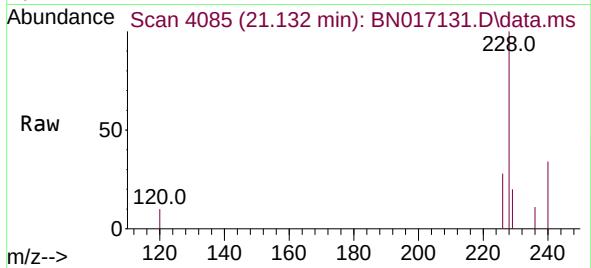




#21
Benzo(a)anthracene
Concen: 0.104 ng/ul
RT: 21.132 min Scan# 4085
Delta R.T. -0.003 min
Lab File: BN017131.D
Acq: 27 Oct 2021 17:42

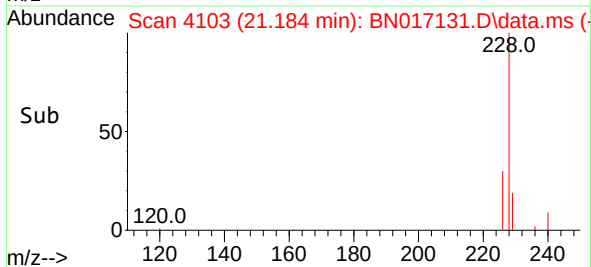
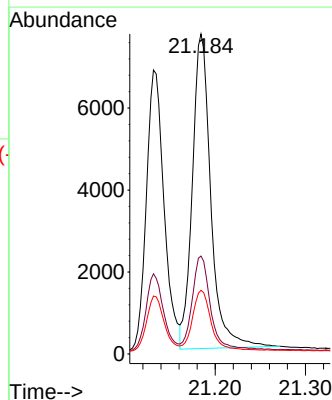
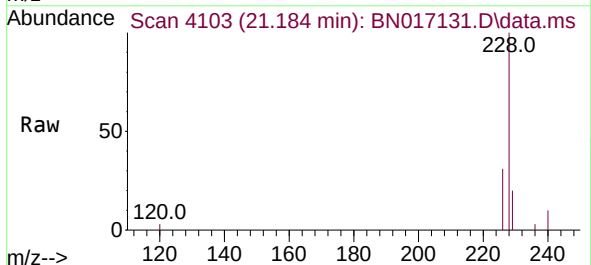
Instrument :
BNA_N
ClientSampleId :
SSTD0.1229

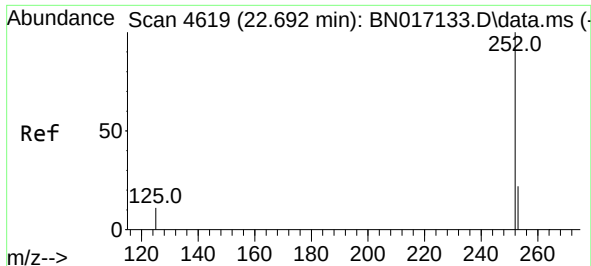
Tgt Ion:228	Resp:	9492
Ion Ratio	Lower	Upper
228	100	
229	20.4	16.1 24.1
226	28.3	21.7 32.5



#22
Chrysene
Concen: 0.105 ng/ul
RT: 21.184 min Scan# 4103
Delta R.T. 0.000 min
Lab File: BN017131.D
Acq: 27 Oct 2021 17:42

Tgt Ion:228	Resp:	10884
Ion Ratio	Lower	Upper
228	100	
226	30.6	24.1 36.1
229	19.9	15.4 23.2

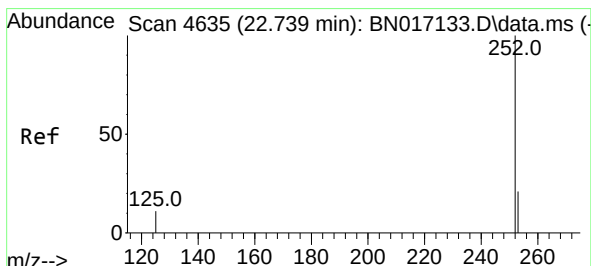
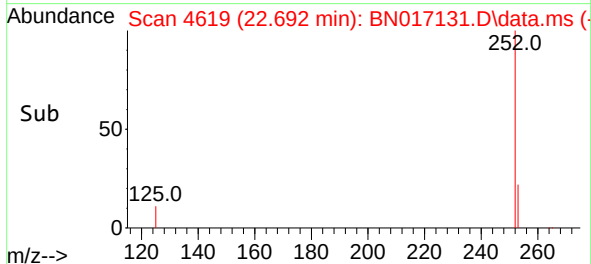
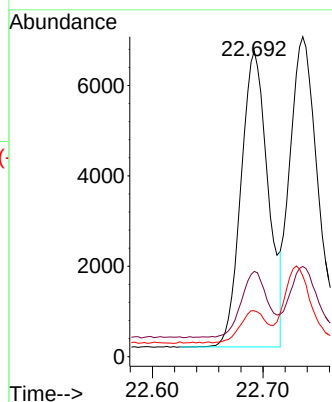
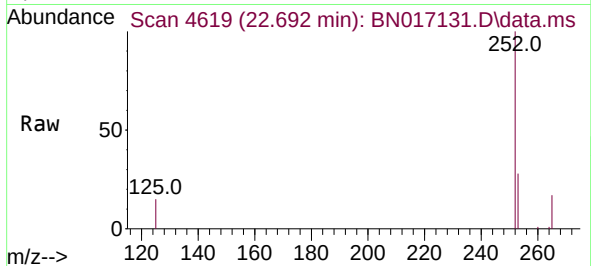




#24
Benzo(b)fluoranthene
Concen: 0.099 ng/ul
RT: 22.692 min Scan# 4619
Delta R.T. 0.000 min
Lab File: BN017131.D
Acq: 27 Oct 2021 17:42

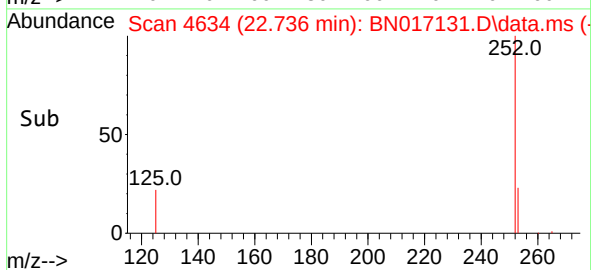
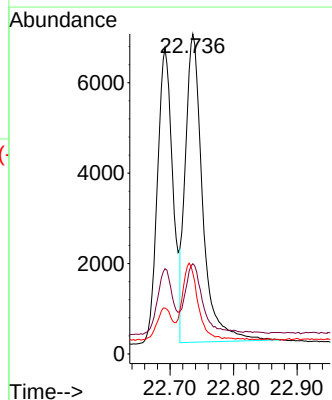
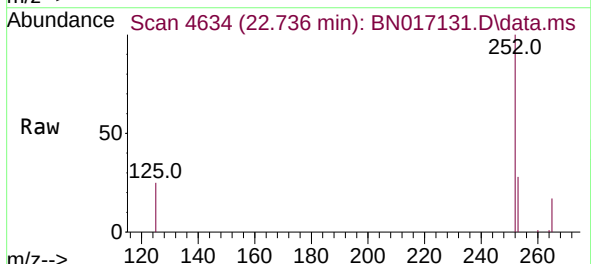
Instrument :
BNA_N
ClientSampleId :
SSTD0.1229

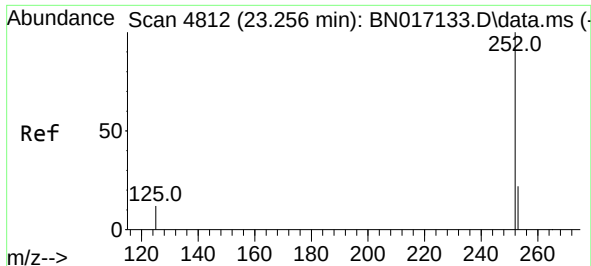
Tgt Ion:252 Resp: 11143
Ion Ratio Lower Upper
252 100
253 27.9 0.0 46.8
125 15.0 0.0 23.8



#25
Benzo(k)fluoranthene
Concen: 0.104 ng/ul
RT: 22.736 min Scan# 4634
Delta R.T. -0.003 min
Lab File: BN017131.D
Acq: 27 Oct 2021 17:42

Tgt Ion:252 Resp: 12829
Ion Ratio Lower Upper
252 100
253 28.2 18.3 27.5#
125 25.3 10.0 15.0#

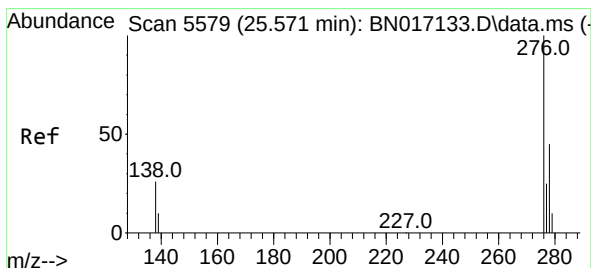
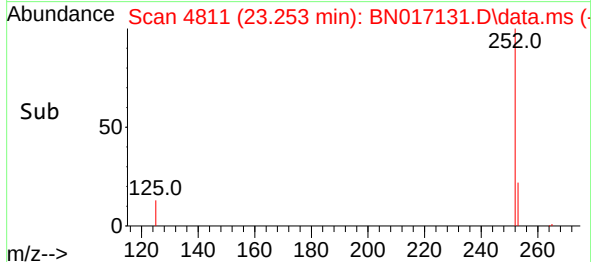
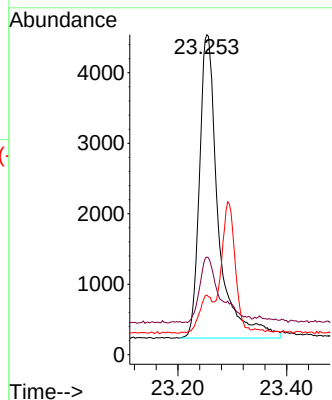
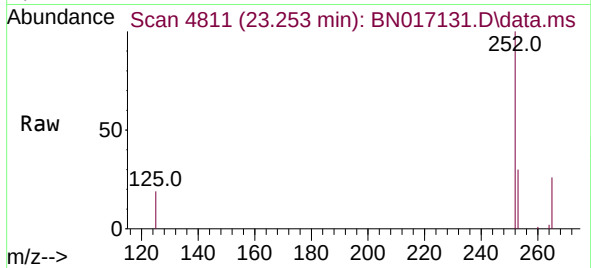




#26
Benzo(a)pyrene
Concen: 0.103 ng/ul
RT: 23.253 min Scan# 4811
Delta R.T. -0.003 min
Lab File: BN017131.D
Acq: 27 Oct 2021 17:42

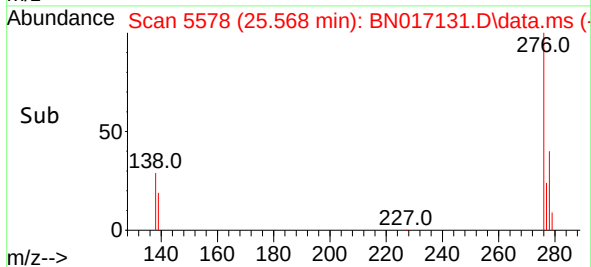
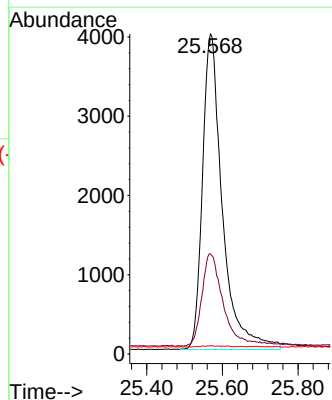
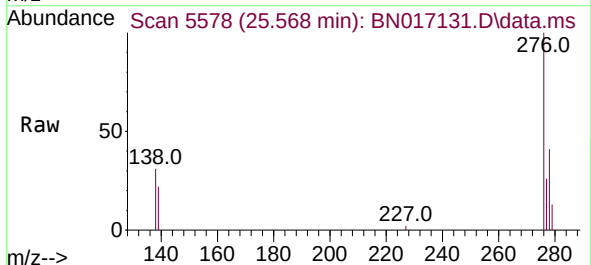
Instrument :
BNA_N
ClientSampleId :
SSTD0.1229

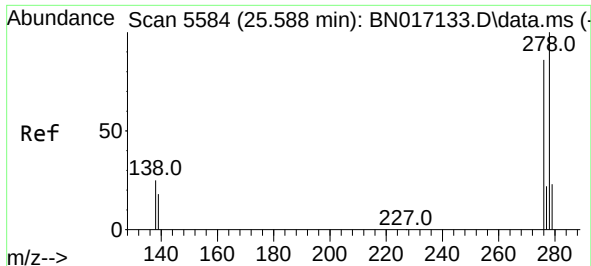
Tgt Ion:252 Resp: 10345
Ion Ratio Lower Upper
252 100
253 30.5 19.3 28.9#
125 18.6 10.8 16.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.102 ng/ul
RT: 25.568 min Scan# 5578
Delta R.T. -0.003 min
Lab File: BN017131.D
Acq: 27 Oct 2021 17:42

Tgt Ion:276 Resp: 14549
Ion Ratio Lower Upper
276 100
138 31.4 22.2 33.4
227 0.2 0.0 0.0#

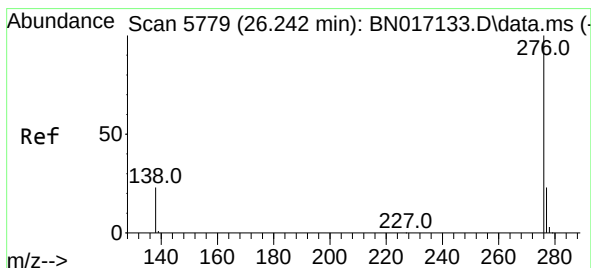
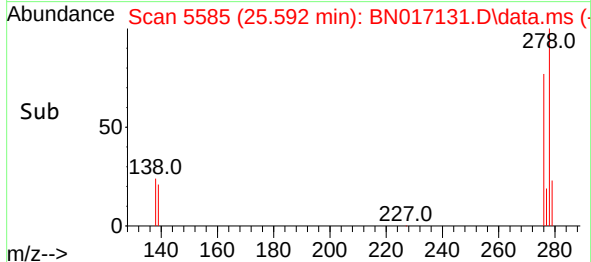
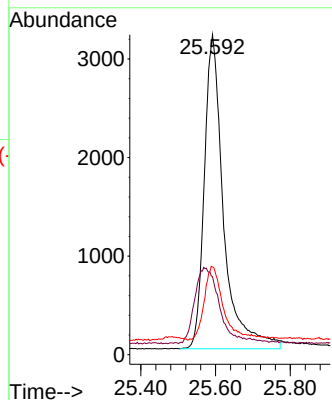
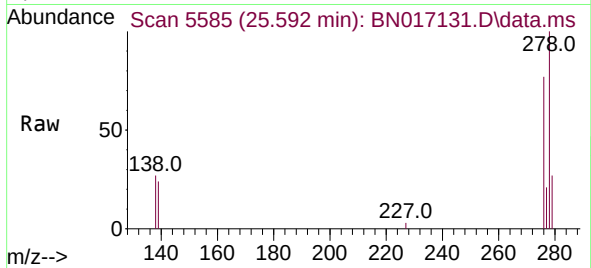




#28
Dibenzo(a,h)anthracene
Concen: 0.101 ng/ul
RT: 25.592 min Scan# 5585
Delta R.T. 0.004 min
Lab File: BN017131.D
Acq: 27 Oct 2021 17:42

Instrument :
BNA_N
ClientSampleId :
SSTD0.1229

Tgt Ion:278 Resp: 11406
Ion Ratio Lower Upper
278 100
139 24.4 15.4 23.0#
279 27.4 19.5 29.3



#29
Benzo(g,h,i)perylene
Concen: 0.099 ng/ul
RT: 26.246 min Scan# 5780
Delta R.T. 0.004 min
Lab File: BN017131.D
Acq: 27 Oct 2021 17:42

Tgt Ion:276 Resp: 12217
Ion Ratio Lower Upper
276 100
138 25.4 19.2 28.8
277 24.7 19.0 28.6

