

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102721\
 Data File : BN017135.D
 Acq On : 27 Oct 2021 20:08
 Operator : CG/JU
 Sample : SSTD1.633
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD1.6233

Quant Time: Oct 28 01:06:51 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)

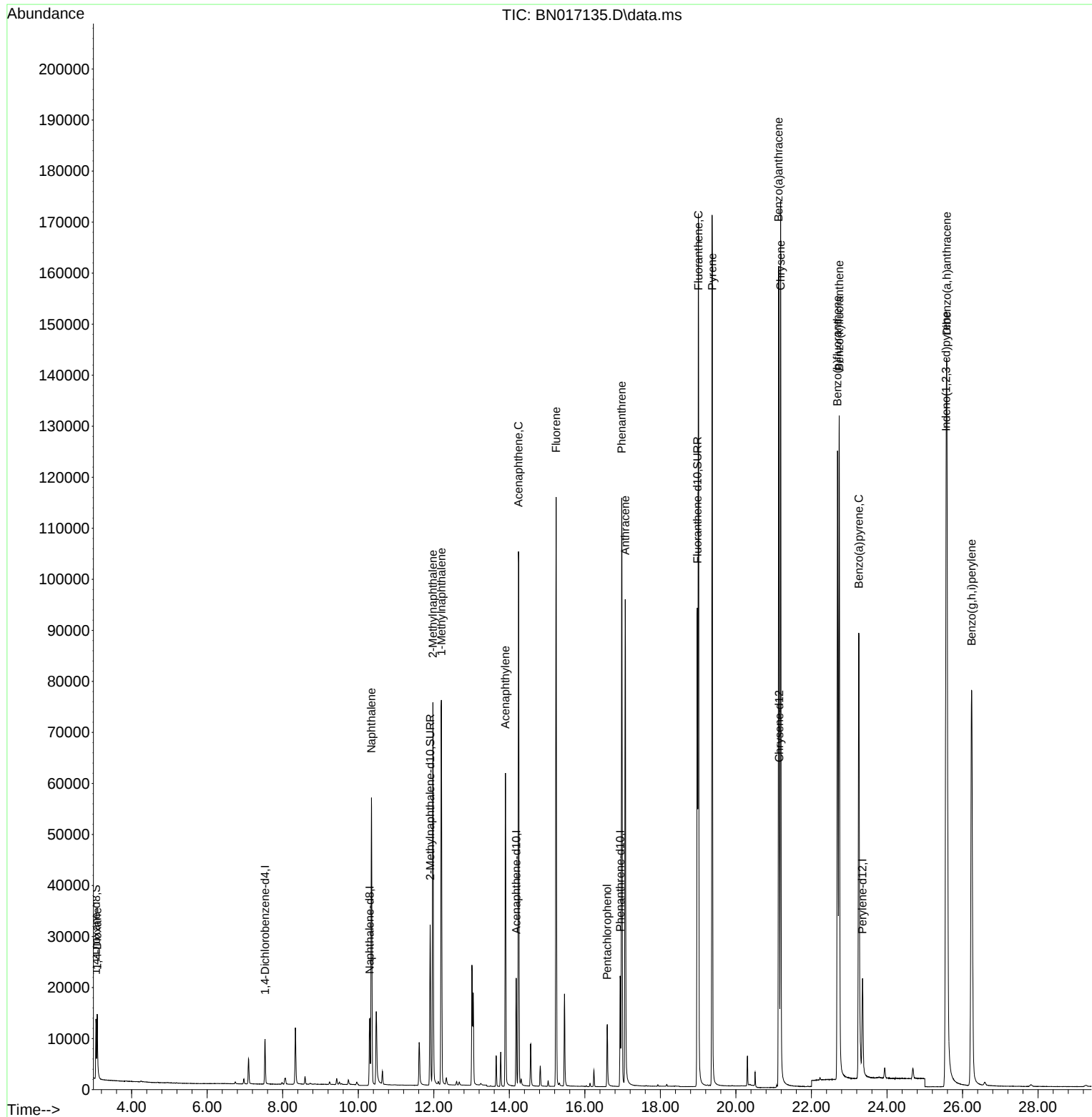
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.531	152	4490	0.400	ng/ul	0.00
4) Naphthalene-d8	10.304	136	17858	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.183	164	11256	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.935	188	24749	0.400	ng/ul	0.00
17) Chrysene-d12	21.149	240	26254	0.400	ng/ul	0.00
23) Perylene-d12	23.352	264	25337	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.054	96	7553	1.548	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.904	152	40671	1.598	ng/ul	0.00
18) Fluoranthene-d10	18.979	212	104156	1.606	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.088	88	7885	1.343	ng/ul#	80
5) Naphthalene	10.348	128	75881	1.403	ng/ul	99
7) 2-Methylnaphthalene	11.976	142	53670	1.595	ng/ul	100
8) 1-Methylnaphthalene	12.201	142	53745	1.568	ng/ul	99
10) Acenaphthylene	13.896	152	70051	1.539	ng/ul	99
11) Acenaphthene	14.243	153	59654	1.528	ng/ul	100
12) Fluorene	15.238	166	70401	1.559	ng/ul	98
14) Pentachlorophenol	16.593	266	8521	1.429	ng/ul	99
15) Phenanthrene	16.977	178	119557	1.521	ng/ul	99
16) Anthracene	17.070	178	104391	1.574	ng/ul	99
19) Fluoranthene	19.007	202	144532	1.607	ng/ul	99
20) Pyrene	19.369	202	143126	1.547	ng/ul	97
21) Benzo(a)anthracene	21.131	228	136866	1.598	ng/ul	99
22) Chrysene	21.184	228	145329	1.492	ng/ul	100
24) Benzo(b)fluoranthene	22.689	252	149986	1.573	ng/ul	98
25) Benzo(k)fluoranthene	22.736	252	165418	1.574	ng/ul	99
26) Benzo(a)pyrene	23.253	252	133352	1.564	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.564	276	189384	1.564	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.585	278	151397	1.573	ng/ul	99
29) Benzo(g,h,i)perylene	26.242	276	159105	1.517	ng/ul	99

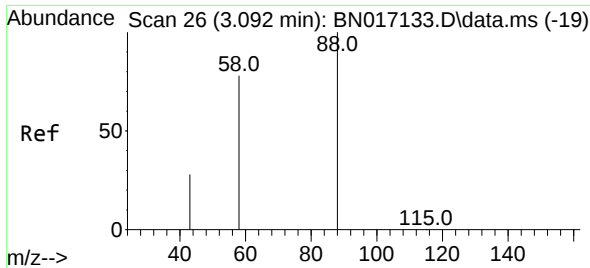
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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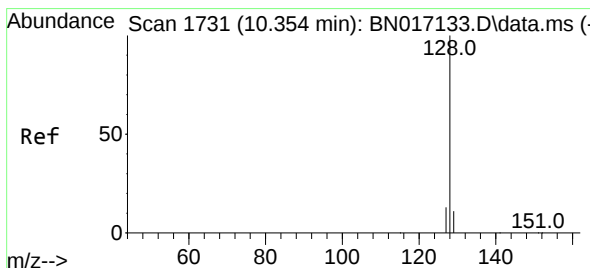
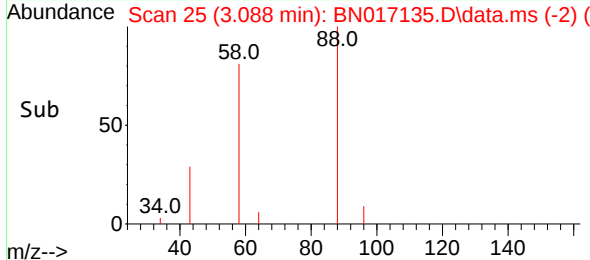
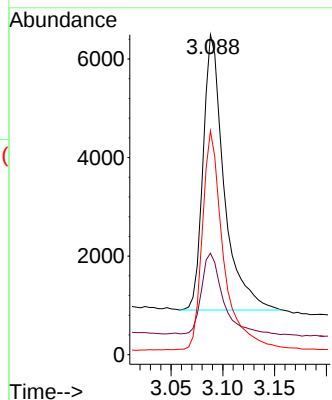
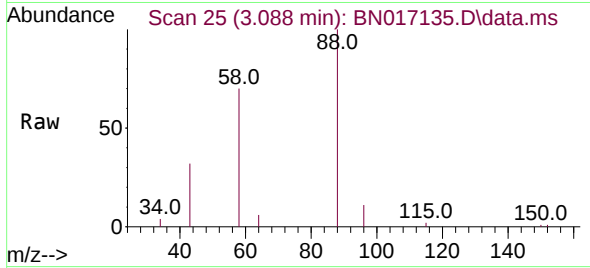




#2
1,4-Dioxane
Concen: 1.343 ng/ul
RT: 3.088 min Scan# 25
Delta R.T. -0.004 min
Lab File: BN017135.D
Acq: 27 Oct 2021 20:08

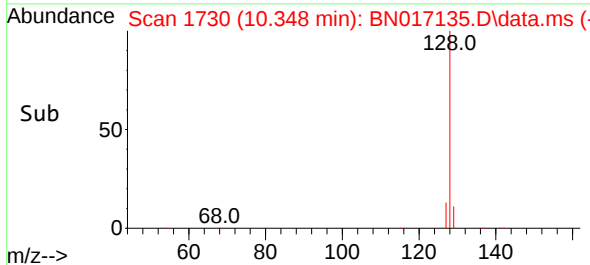
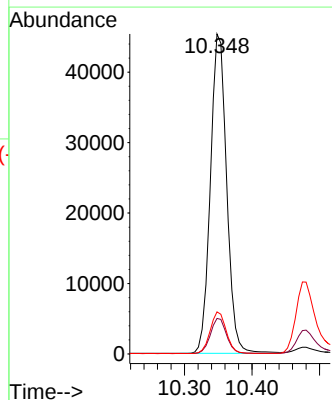
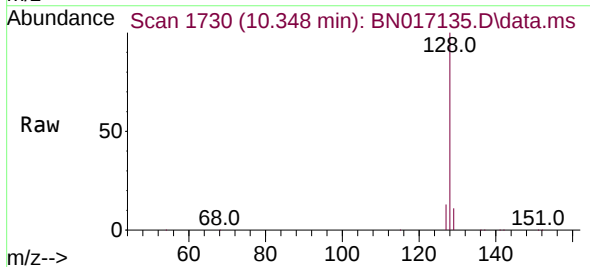
Instrument :
BNA_N
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SSTD1.6233

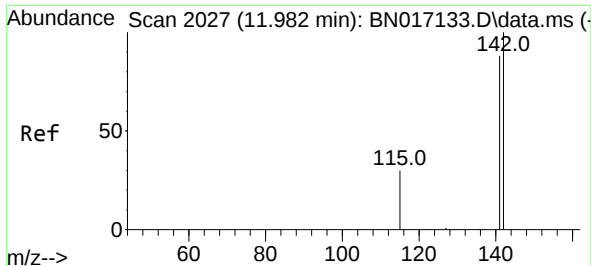
Tgt Ion: 88 Resp: 7885
Ion Ratio Lower Upper
88 100
43 31.7 31.8 47.6#
58 69.9 41.9 62.9#



#5
Naphthalene
Concen: 1.403 ng/ul
RT: 10.348 min Scan# 1730
Delta R.T. -0.006 min
Lab File: BN017135.D
Acq: 27 Oct 2021 20:08

Tgt Ion:128 Resp: 75881
Ion Ratio Lower Upper
128 100
129 11.1 9.2 13.8
127 13.1 10.8 16.2

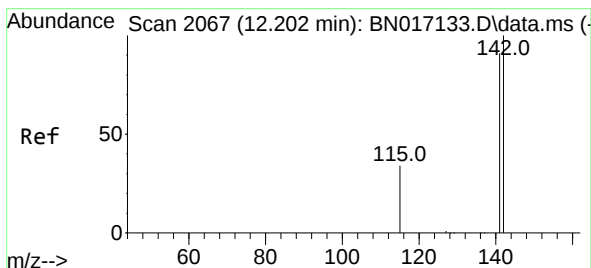
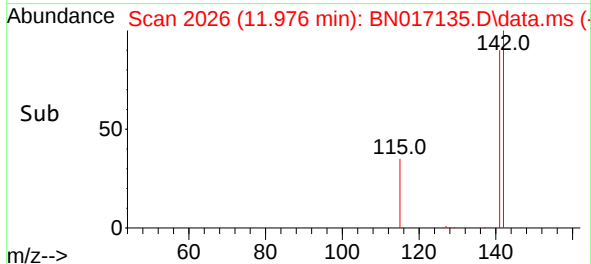
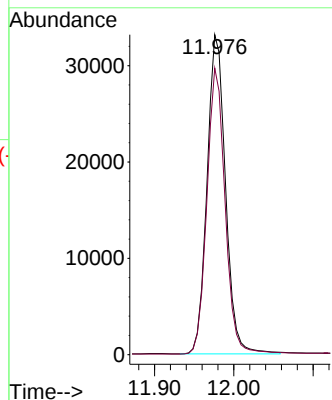
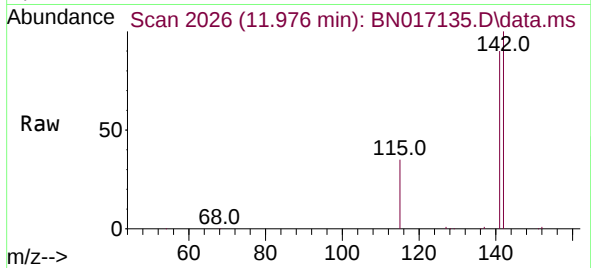




#7
2-Methylnaphthalene
Concen: 1.595 ng/ul
RT: 11.976 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BN017135.D
Acq: 27 Oct 2021 20:08

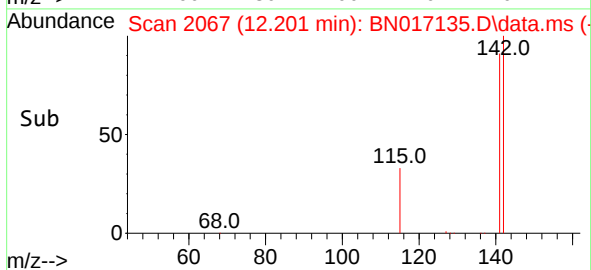
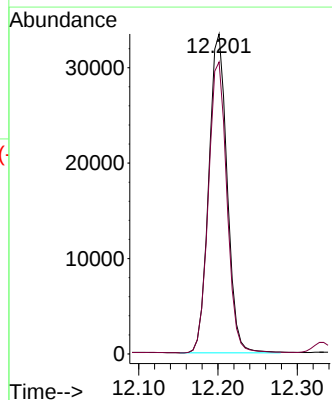
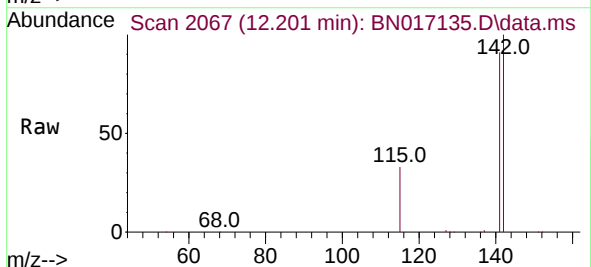
Instrument :
BNA_N
ClientSampleId :
SSTD1.6233

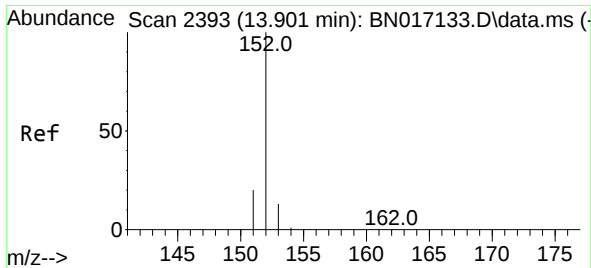
Tgt Ion:142 Resp: 53670
Ion Ratio Lower Upper
142 100
141 88.5 71.0 106.4



#8
1-Methylnaphthalene
Concen: 1.568 ng/ul
RT: 12.201 min Scan# 2067
Delta R.T. -0.000 min
Lab File: BN017135.D
Acq: 27 Oct 2021 20:08

Tgt Ion:142 Resp: 53745
Ion Ratio Lower Upper
142 100
141 91.8 73.8 110.8

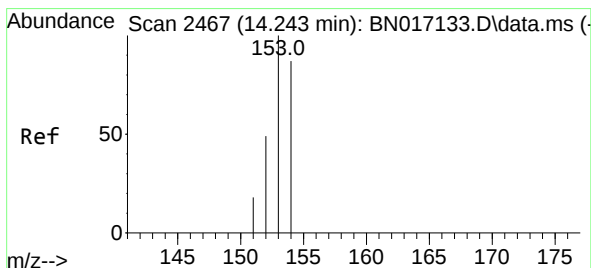
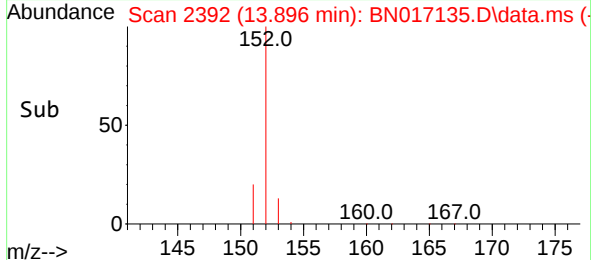
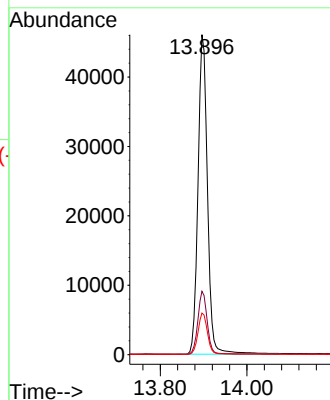
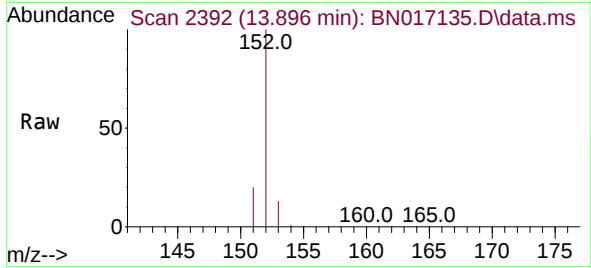




#10
Acenaphthylene
Concen: 1.539 ng/ul
RT: 13.896 min Scan# 2392
Delta R.T. -0.005 min
Lab File: BN017135.D
Acq: 27 Oct 2021 20:08

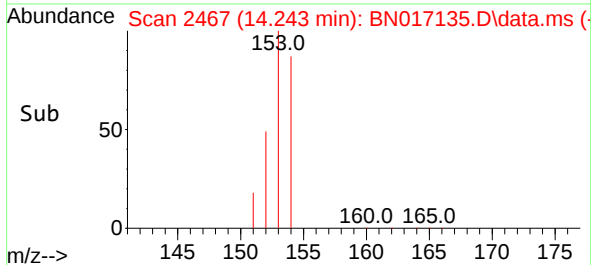
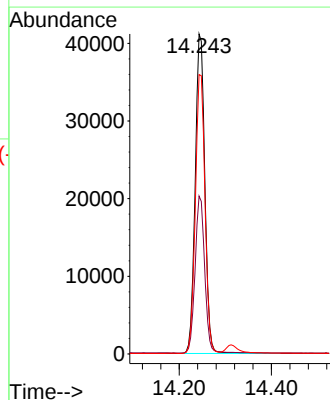
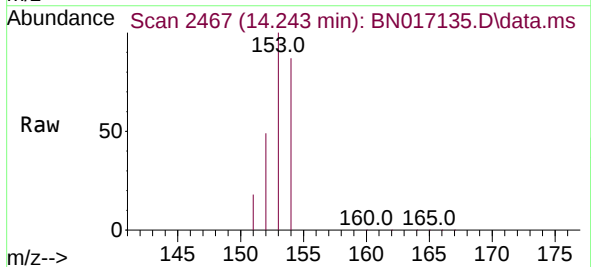
Instrument :
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ClientSampleId :
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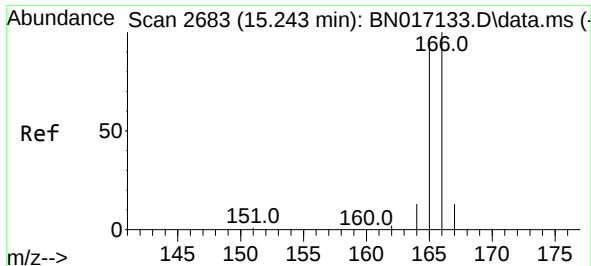
Tgt Ion:152	Resp: 70051
Ion Ratio	Lower Upper
152	100
151	19.8 16.0 24.0
153	13.0 10.8 16.2



#11
Acenaphthene
Concen: 1.528 ng/ul
RT: 14.243 min Scan# 2467
Delta R.T. -0.000 min
Lab File: BN017135.D
Acq: 27 Oct 2021 20:08

Tgt Ion:153	Resp: 59654
Ion Ratio	Lower Upper
153	100
152	49.3 39.5 59.3
154	87.3 70.0 105.0

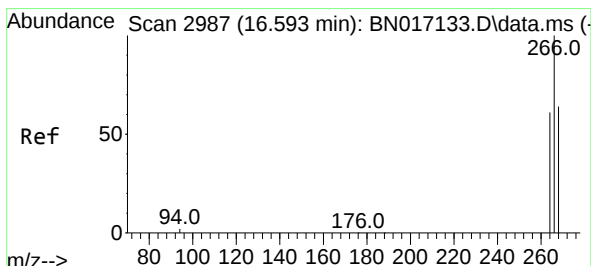
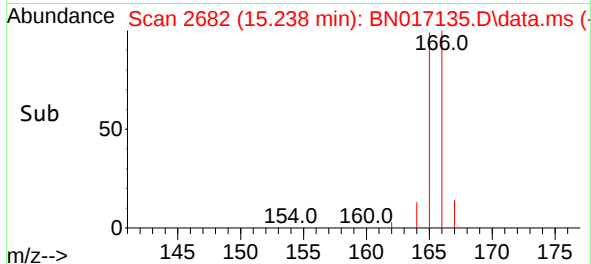
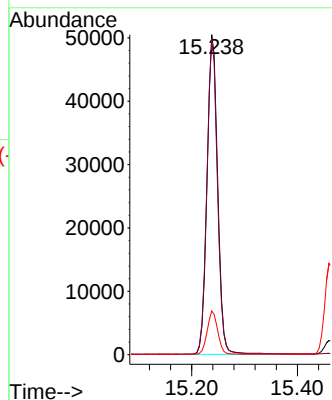
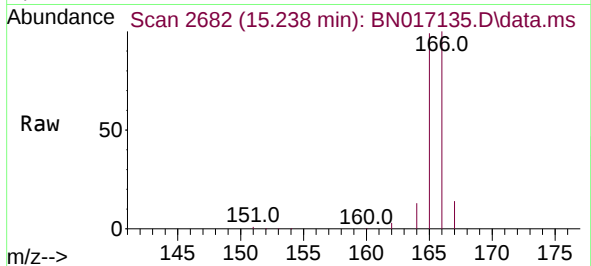




#12
Fluorene
Concen: 1.559 ng/ul
RT: 15.238 min Scan# 2682
Delta R.T. -0.005 min
Lab File: BN017135.D
Acq: 27 Oct 2021 20:08

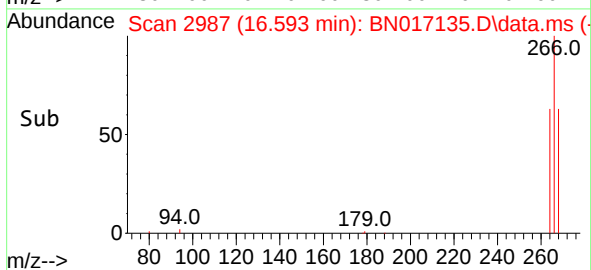
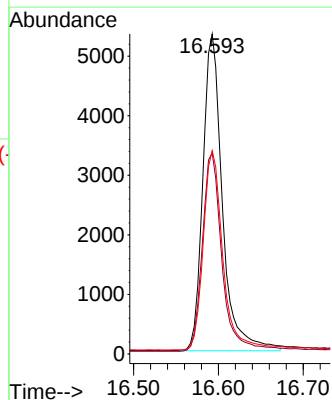
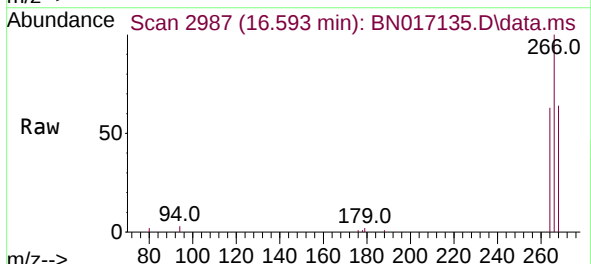
Instrument :
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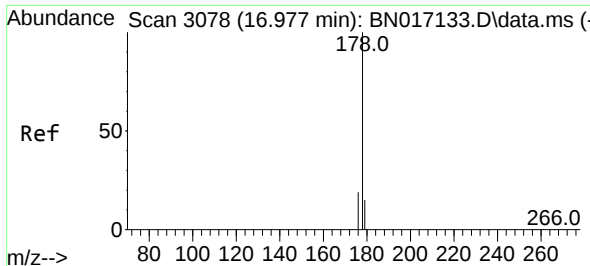
Tgt Ion:166 Resp: 70401
Ion Ratio Lower Upper
166 100
165 98.7 77.7 116.5
167 13.7 11.1 16.7



#14
Pentachlorophenol
Concen: 1.429 ng/ul
RT: 16.593 min Scan# 2987
Delta R.T. -0.000 min
Lab File: BN017135.D
Acq: 27 Oct 2021 20:08

Tgt Ion:266 Resp: 8521
Ion Ratio Lower Upper
266 100
264 62.9 49.9 74.9
268 63.4 51.2 76.8

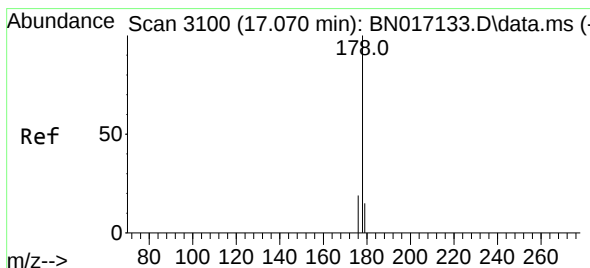
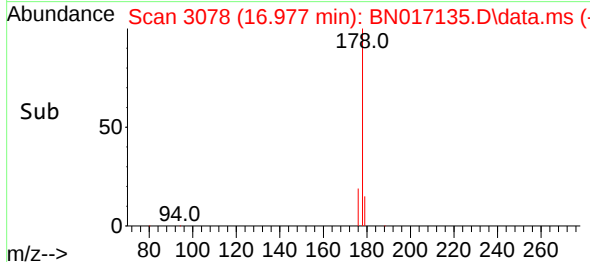
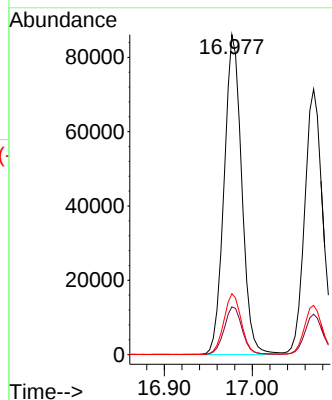
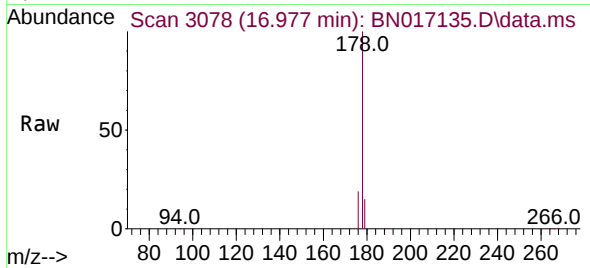




#15
Phenanthrene
Concen: 1.521 ng/ul
RT: 16.977 min Scan# 3078
Delta R.T. -0.000 min
Lab File: BN017135.D
Acq: 27 Oct 2021 20:08

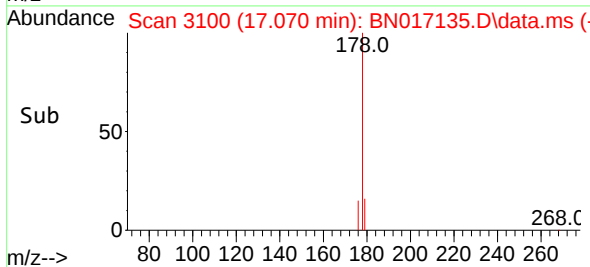
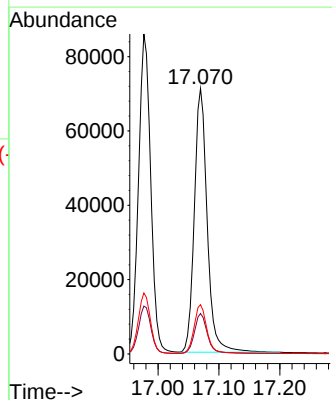
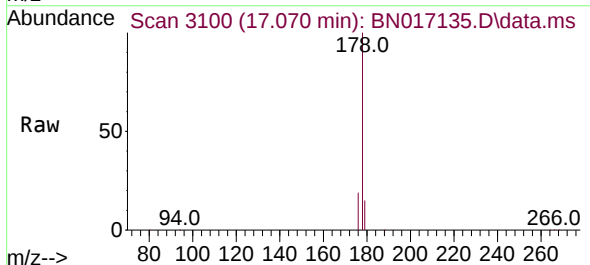
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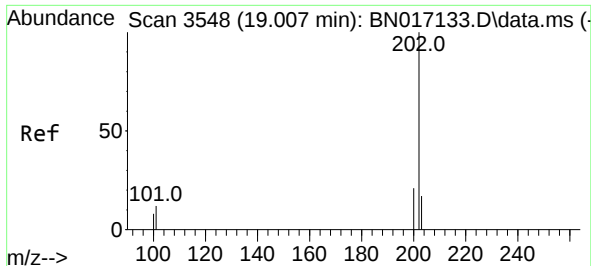
Tgt Ion:178 Resp: 119557
Ion Ratio Lower Upper
178 100
179 14.9 12.6 19.0
176 19.0 15.5 23.3



#16
Anthracene
Concen: 1.574 ng/ul
RT: 17.070 min Scan# 3100
Delta R.T. -0.000 min
Lab File: BN017135.D
Acq: 27 Oct 2021 20:08

Tgt Ion:178 Resp: 104391
Ion Ratio Lower Upper
178 100
179 15.3 12.6 19.0
176 18.6 15.2 22.8

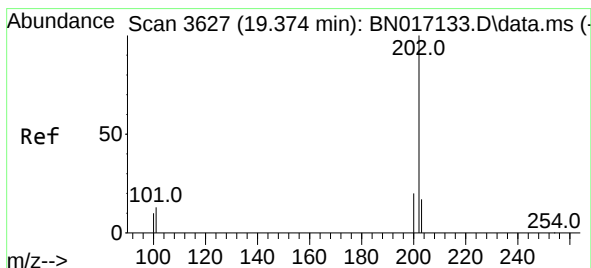
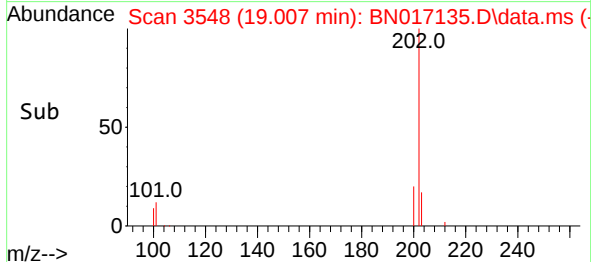
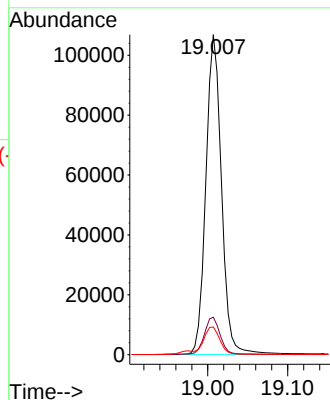
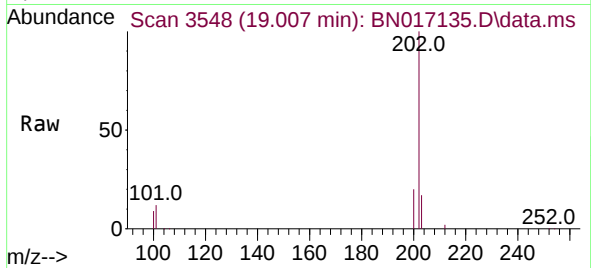




#19
Fluoranthene
Concen: 1.607 ng/ul
RT: 19.007 min Scan# 3548
Delta R.T. -0.000 min
Lab File: BN017135.D
Acq: 27 Oct 2021 20:08

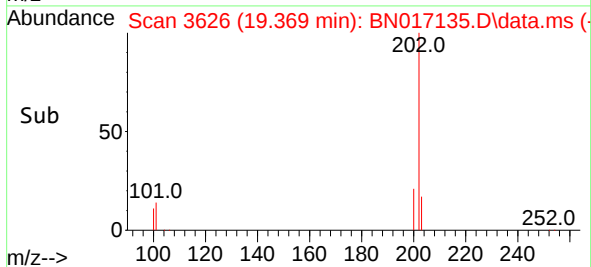
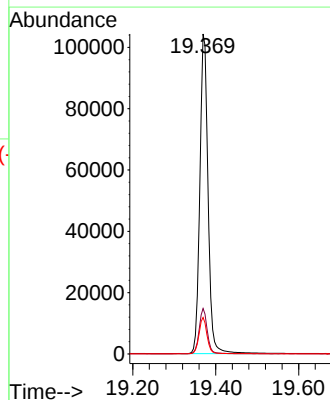
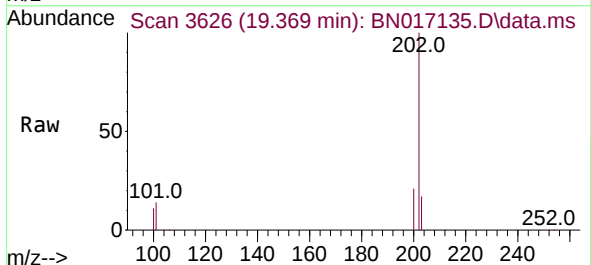
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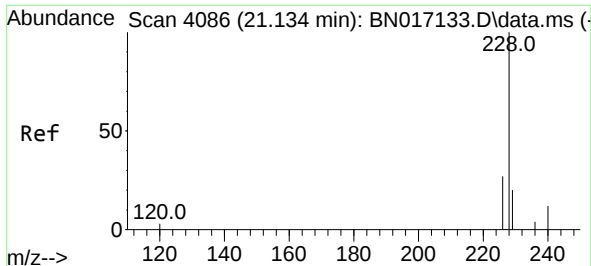
Tgt Ion:202 Resp: 144532
Ion Ratio Lower Upper
202 100
101 11.7 9.7 14.5
100 8.6 7.2 10.8



#20
Pyrene
Concen: 1.547 ng/ul
RT: 19.369 min Scan# 3626
Delta R.T. -0.005 min
Lab File: BN017135.D
Acq: 27 Oct 2021 20:08

Tgt Ion:202 Resp: 143126
Ion Ratio Lower Upper
202 100
101 14.2 10.3 15.5
100 11.4 8.2 12.2

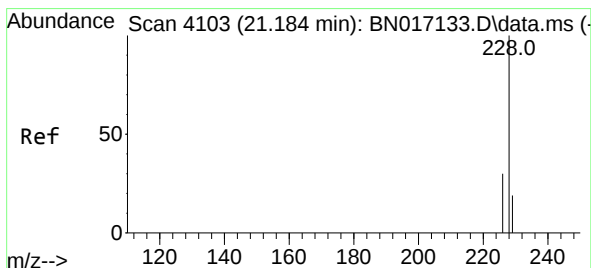
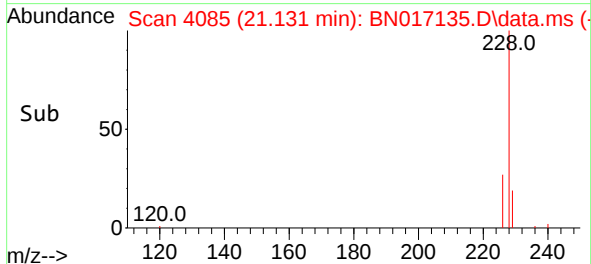
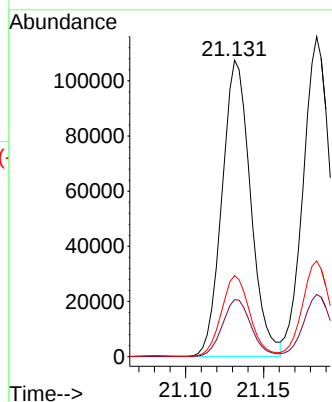
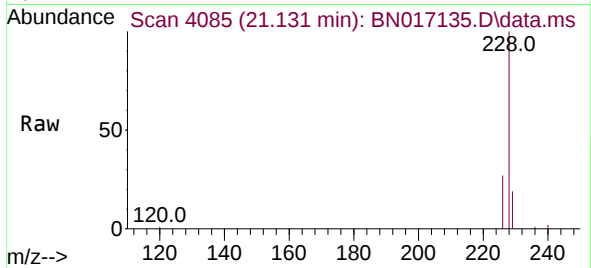




#21
Benzo(a)anthracene
Concen: 1.598 ng/ul
RT: 21.131 min Scan# 4085
Delta R.T. -0.003 min
Lab File: BN017135.D
Acq: 27 Oct 2021 20:08

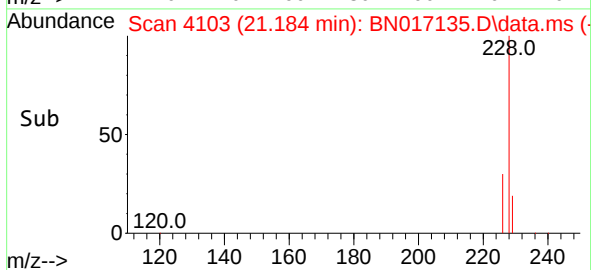
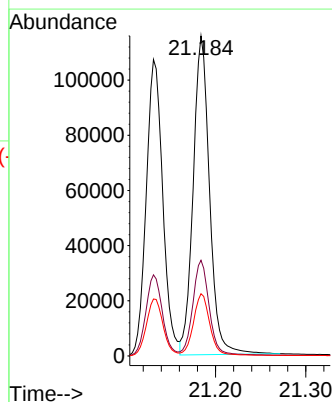
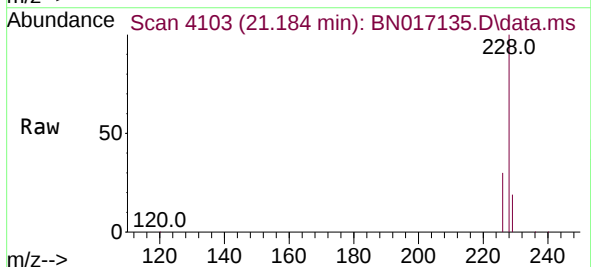
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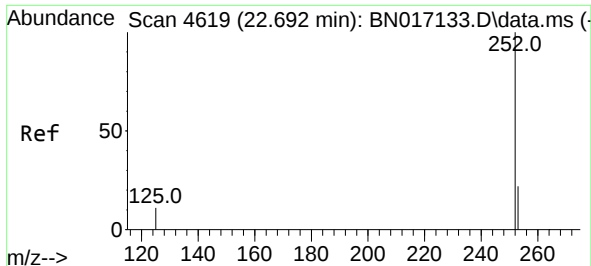
Tgt Ion:228 Resp: 136866
Ion Ratio Lower Upper
228 100
229 19.2 16.1 24.1
226 27.4 21.7 32.5



#22
Chrysene
Concen: 1.492 ng/ul
RT: 21.184 min Scan# 4103
Delta R.T. -0.000 min
Lab File: BN017135.D
Acq: 27 Oct 2021 20:08

Tgt Ion:228 Resp: 145329
Ion Ratio Lower Upper
228 100
226 29.9 24.1 36.1
229 19.4 15.4 23.2

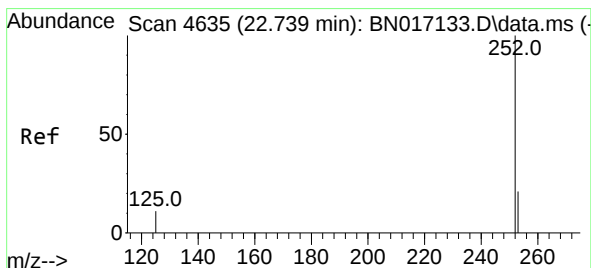
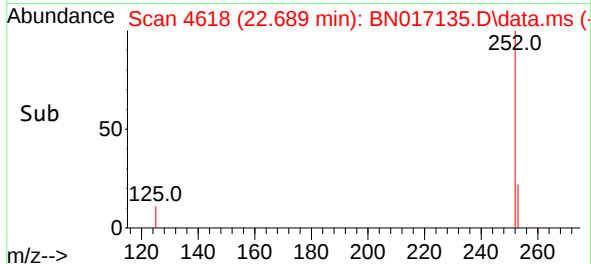
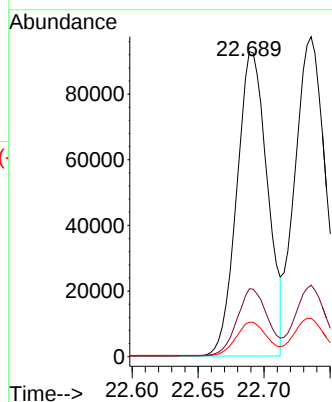
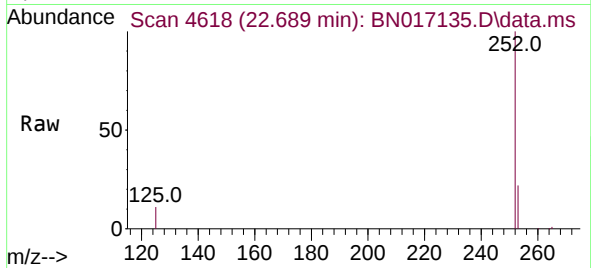




#24
Benzo(b)fluoranthene
Concen: 1.573 ng/ul
RT: 22.689 min Scan# 4618
Delta R.T. -0.003 min
Lab File: BN017135.D
Acq: 27 Oct 2021 20:08

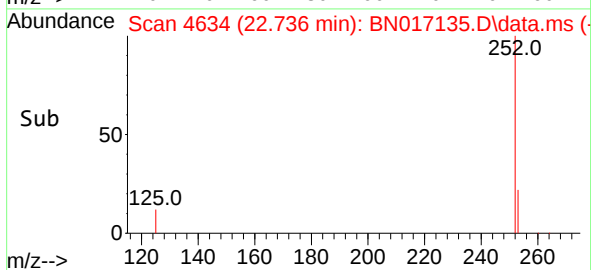
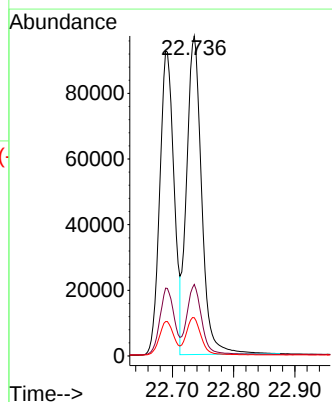
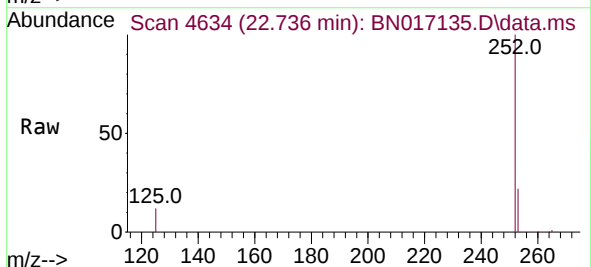
Instrument :
BNA_N
ClientSampleId :
SSTD1.6233

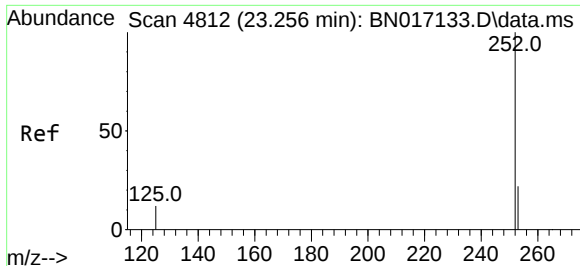
Tgt Ion:252 Resp: 149986
Ion Ratio Lower Upper
252 100
253 22.2 0.0 46.8
125 11.3 0.0 23.8



#25
Benzo(k)fluoranthene
Concen: 1.574 ng/ul
RT: 22.736 min Scan# 4634
Delta R.T. -0.003 min
Lab File: BN017135.D
Acq: 27 Oct 2021 20:08

Tgt Ion:252 Resp: 165418
Ion Ratio Lower Upper
252 100
253 22.4 18.3 27.5
125 11.9 10.0 15.0

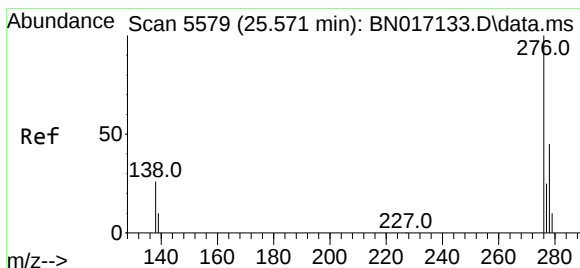
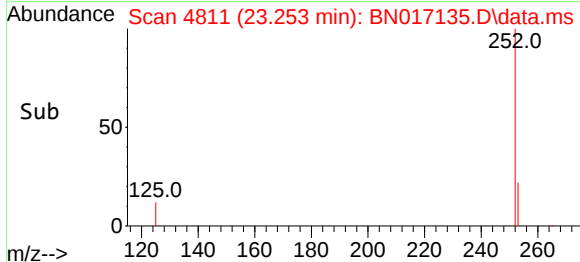
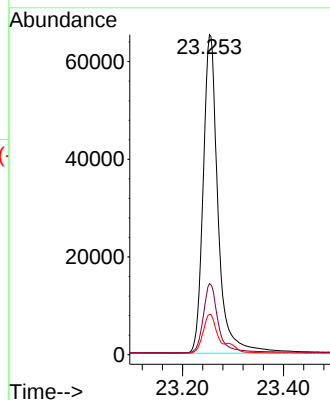
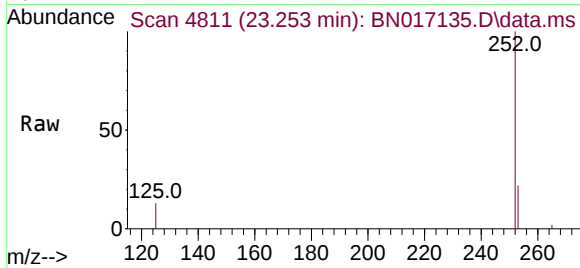




#26
Benzo(a)pyrene
Concen: 1.564 ng/ul
RT: 23.253 min Scan# 4811
Delta R.T. -0.003 min
Lab File: BN017135.D
Acq: 27 Oct 2021 20:08

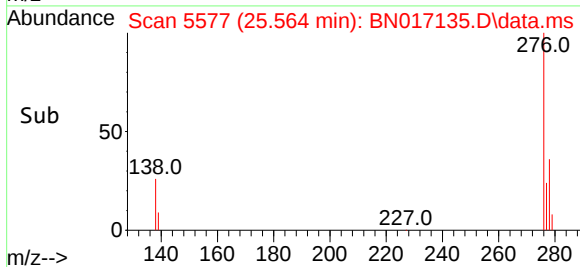
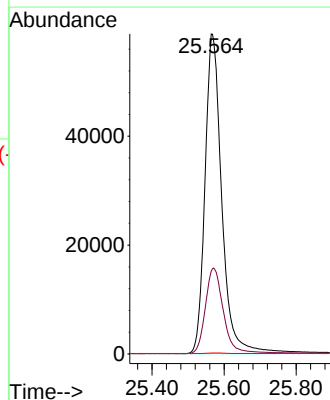
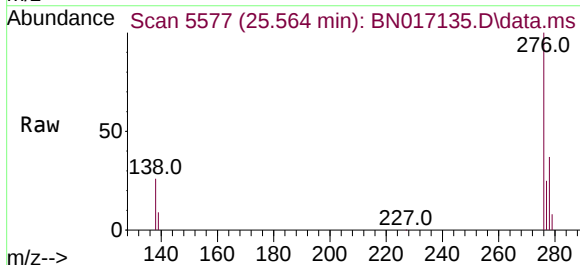
Instrument :
BNA_N
ClientSampleId :
SSTD1.6233

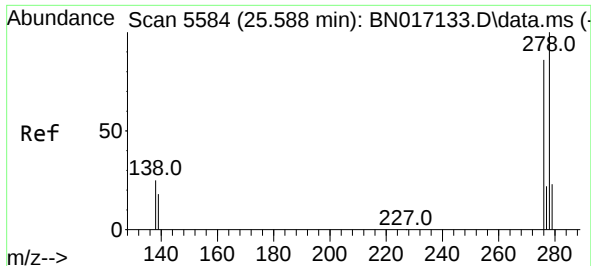
Tgt Ion:252 Resp: 133352
Ion Ratio Lower Upper
252 100
253 22.2 19.3 28.9
125 12.6 10.8 16.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.564 ng/ul
RT: 25.564 min Scan# 5577
Delta R.T. -0.007 min
Lab File: BN017135.D
Acq: 27 Oct 2021 20:08

Tgt Ion:276 Resp: 189384
Ion Ratio Lower Upper
276 100
138 28.7 22.2 33.4
227 0.2 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 1.573 ng/ul

RT: 25.585 min Scan# 5583

Delta R.T. -0.003 min

Lab File: BN017135.D

Acq: 27 Oct 2021 20:08

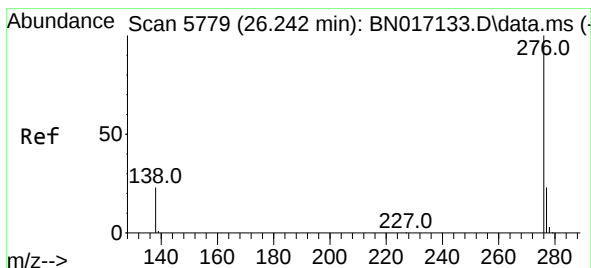
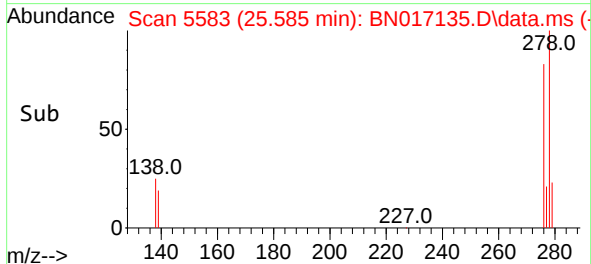
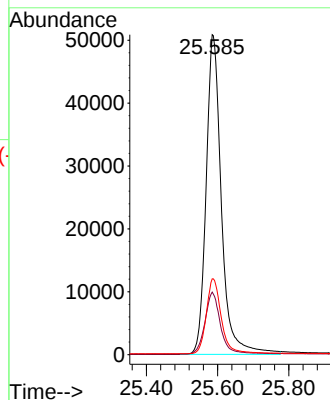
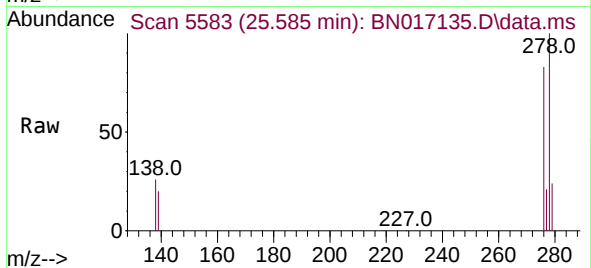
Instrument :

BNA_N

ClientSampleId :

SSTD1.6233

Tgt Ion:278 Resp: 151397
 Ion Ratio Lower Upper
 278 100
 139 19.5 15.4 23.0
 279 23.7 19.5 29.3



#29

Benzo(g,h,i)perylene

Concen: 1.517 ng/ul

RT: 26.242 min Scan# 5779

Delta R.T. -0.000 min

Lab File: BN017135.D

Acq: 27 Oct 2021 20:08

Tgt Ion:276 Resp: 159105
 Ion Ratio Lower Upper
 276 100
 138 24.4 19.2 28.8
 277 23.6 19.0 28.6

