

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111321\
 Data File : BN017396.D
 Acq On : 13 Nov 2021 17:47
 Operator : CG/JU
 Sample : SST0.237
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 15 02:22:55 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN111321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 15 02:20:55 2021
 Response via : Initial Calibration

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

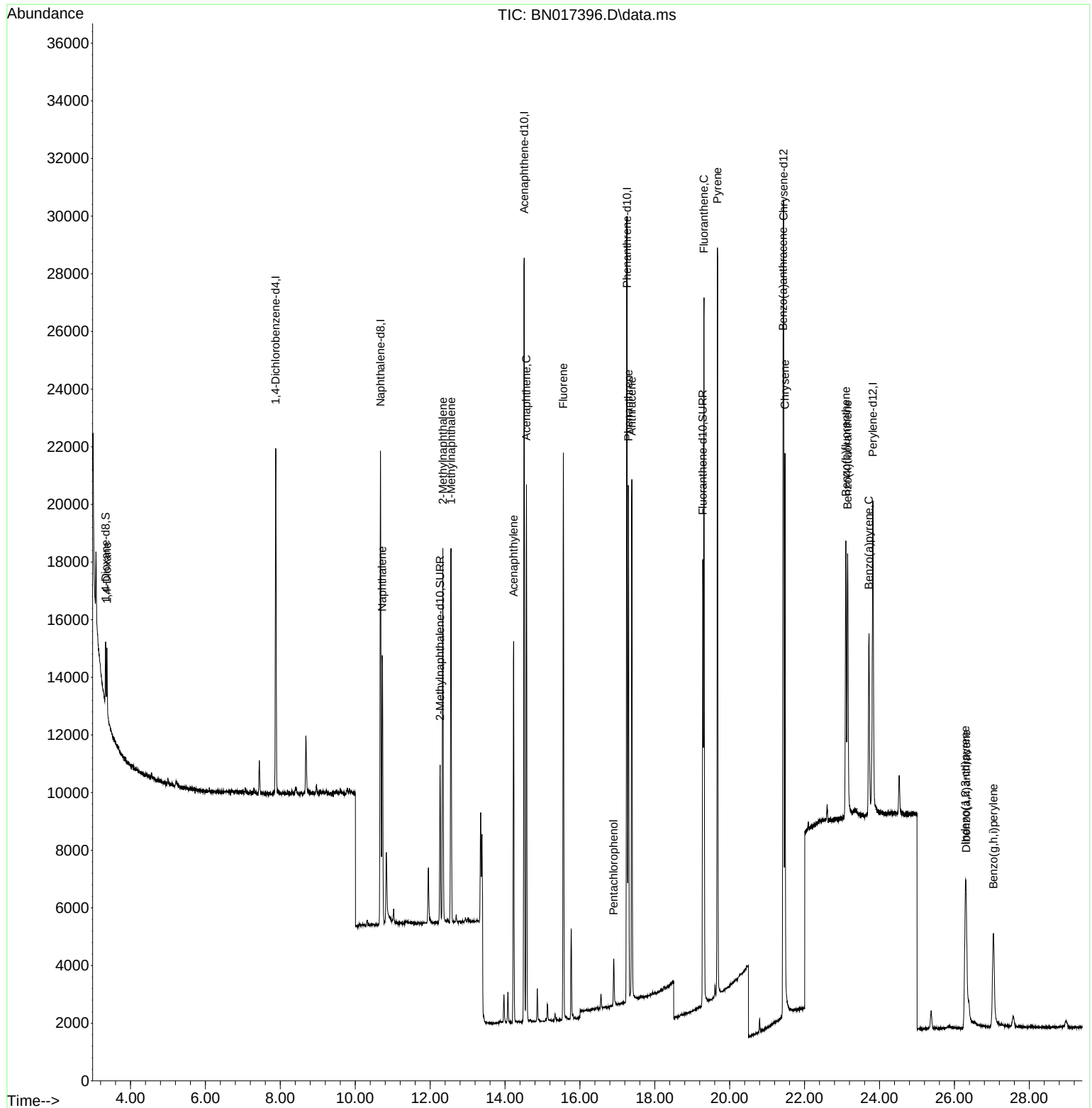
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.876	152	6016	0.400	ng/ul	0.00
4) Naphthalene-d8	10.673	136	22637	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.512	164	14933	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.256	188	31593	0.400	ng/ul	0.00
17) Chrysene-d12	21.441	240	22097	0.400	ng/ul	0.00
23) Perylene-d12	23.823	264	15605	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.337	96	1512	0.226	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.268	152	7111	0.215	ng/ul	0.00
18) Fluoranthene-d10	19.281	212	16791	0.290	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.370	88	2269	0.316	ng/ul#	51
5) Naphthalene	10.722	128	12870	0.205	ng/ul	94
7) 2-Methylnaphthalene	12.339	142	9229	0.213	ng/ul	100
8) 1-Methylnaphthalene	12.559	142	9105	0.205	ng/ul	100
10) Acenaphthylene	14.229	152	14542	0.246	ng/ul	99
11) Acenaphthene	14.572	153	10353	0.200	ng/ul	99
12) Fluorene	15.557	166	12362	0.204	ng/ul	98
14) Pentachlorophenol	16.901	266	1277	0.179	ng/ul	97
15) Phenanthrene	17.294	178	19388	0.193	ng/ul	97
16) Anthracene	17.386	178	19554	0.235	ng/ul	98
19) Fluoranthene	19.314	202	21733	0.275	ng/ul	96
20) Pyrene	19.672	202	22316	0.275	ng/ul	98
21) Benzo(a)anthracene	21.424	228	16521	0.228	ng/ul	100
22) Chrysene	21.476	228	16806	0.205	ng/ul	99
24) Benzo(b)fluoranthene	23.101	252	12956	0.223	ng/ul	85
25) Benzo(k)fluoranthene	23.148	252	13298	0.202	ng/ul#	78
26) Benzo(a)pyrene	23.718	252	10739	0.206	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.292	276	8938	0.121	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.316	278	6651	0.114	ng/ul#	76
29) Benzo(g,h,i)perylene	27.044	276	8286	0.132	ng/ul#	86

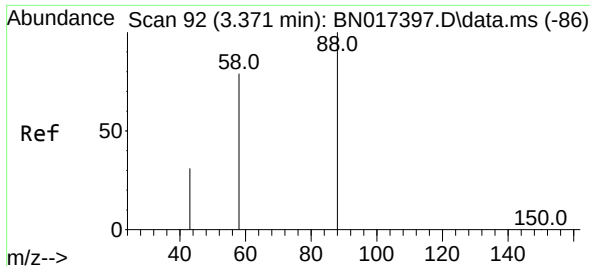
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
BNA_N
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Quant Time: Nov 15 02:22:55 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN111321.M
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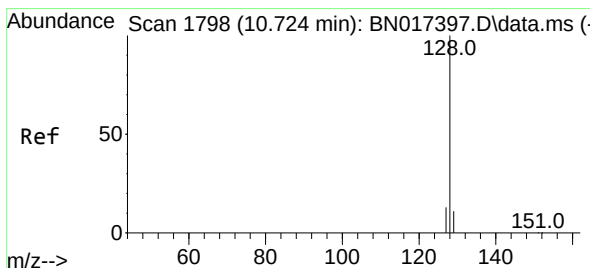
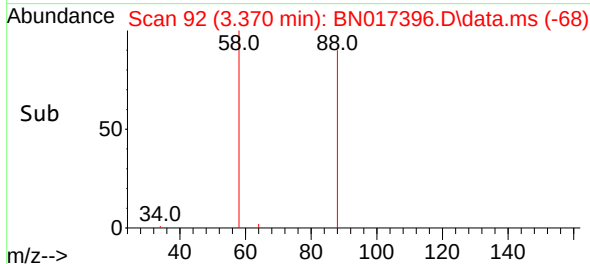
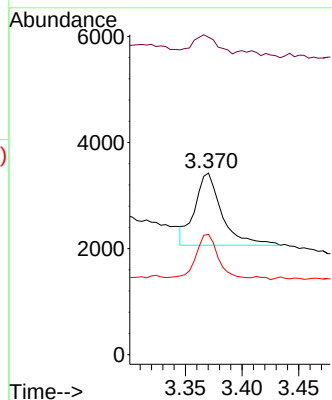
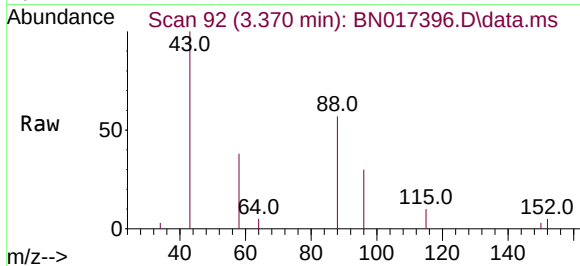




#2
 1,4-Dioxane
 Concen: 0.316 ng/ul
 RT: 3.370 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: BN017396.D
 Acq: 13 Nov 2021 17:47

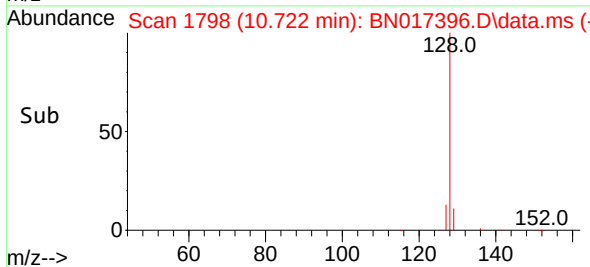
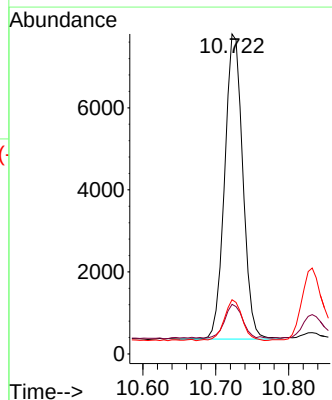
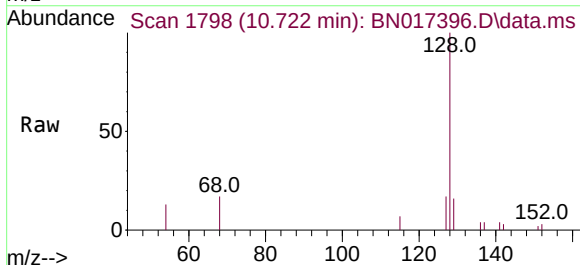
Instrument :
 BNA_N
 ClientSampleId :

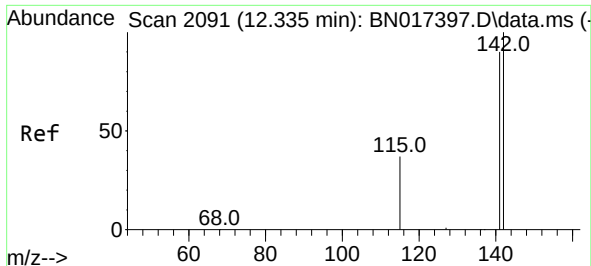
Tgt Ion: 88 Resp: 2269
 Ion Ratio Lower Upper
 88 100
 43 174.8 85.8 128.6#
 58 66.3 43.4 65.0#



#5
 Naphthalene
 Concen: 0.205 ng/ul
 RT: 10.722 min Scan# 1798
 Delta R.T. -0.002 min
 Lab File: BN017396.D
 Acq: 13 Nov 2021 17:47

Tgt Ion: 128 Resp: 12870
 Ion Ratio Lower Upper
 128 100
 129 15.5 10.4 15.6
 127 17.0 11.8 17.6

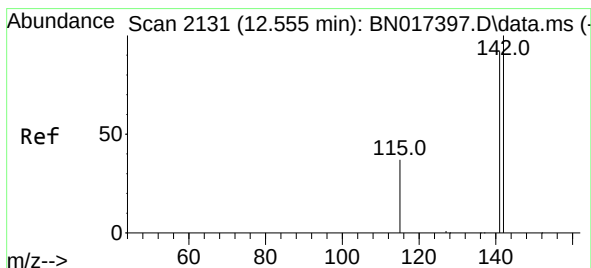
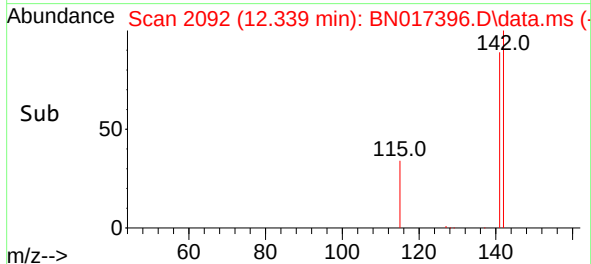
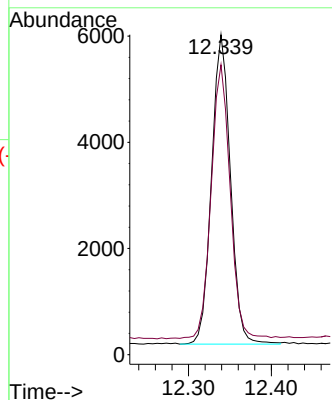
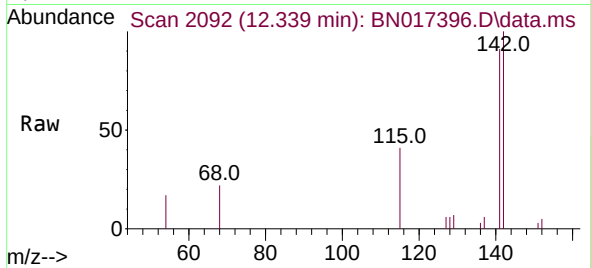




#7
2-Methylnaphthalene
Concen: 0.213 ng/ul
RT: 12.339 min Scan# 2092
Delta R.T. 0.004 min
Lab File: BN017396.D
Acq: 13 Nov 2021 17:47

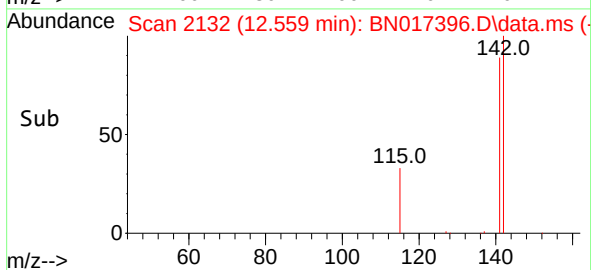
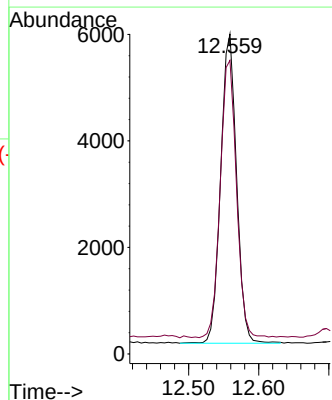
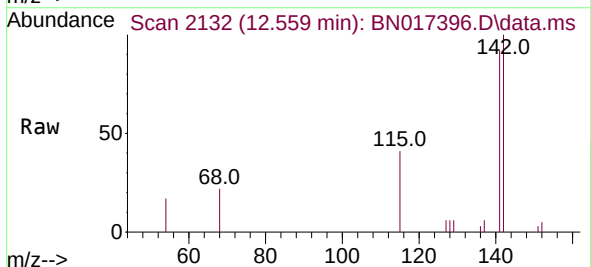
Instrument :
BNA_N
ClientSampleId :

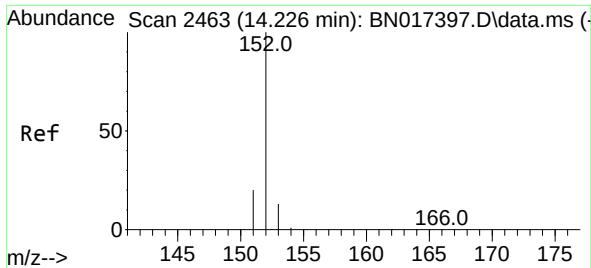
Tgt Ion:142 Resp: 9229
Ion Ratio Lower Upper
142 100
141 89.1 71.5 107.3



#8
1-Methylnaphthalene
Concen: 0.205 ng/ul
RT: 12.559 min Scan# 2132
Delta R.T. 0.004 min
Lab File: BN017396.D
Acq: 13 Nov 2021 17:47

Tgt Ion:142 Resp: 9105
Ion Ratio Lower Upper
142 100
141 91.5 73.3 109.9

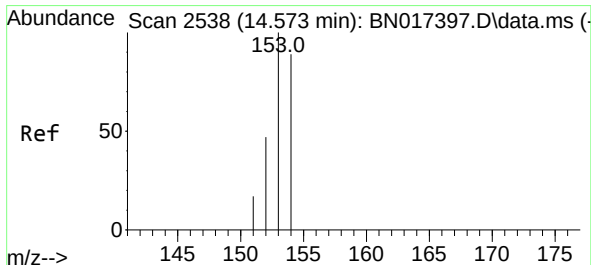
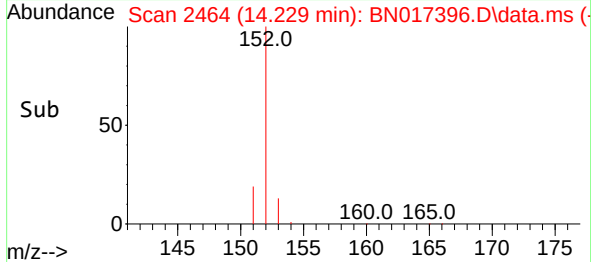
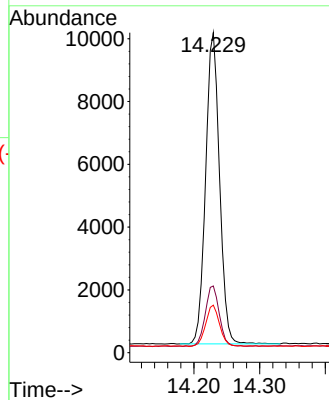
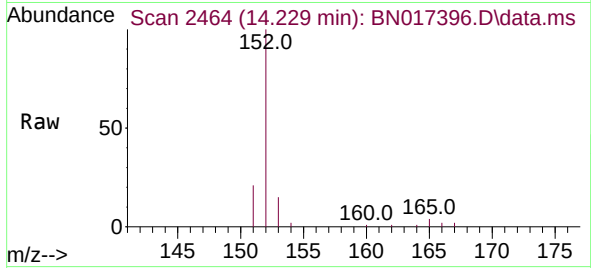




#10
Acenaphthylene
Concen: 0.246 ng/ul
RT: 14.229 min Scan# 2464
Delta R.T. 0.003 min
Lab File: BN017396.D
Acq: 13 Nov 2021 17:47

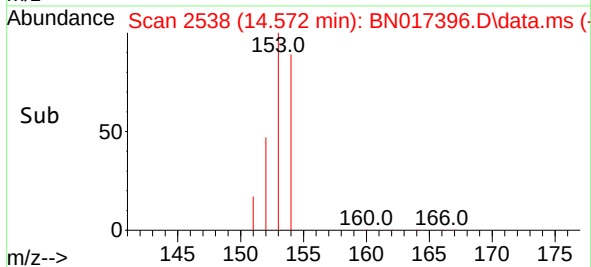
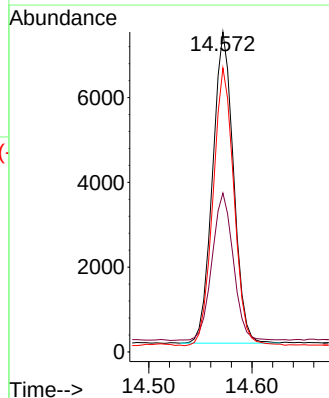
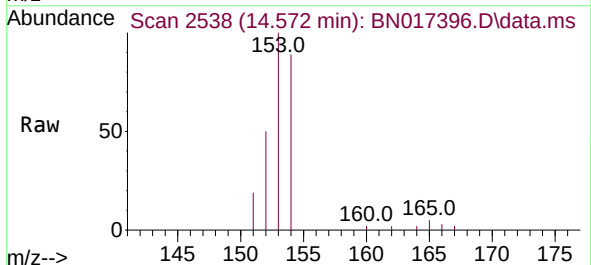
Instrument :
BNA_N
ClientSampleId :

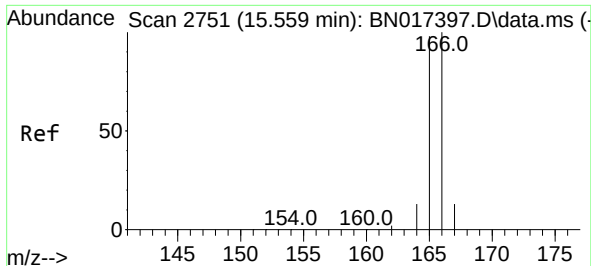
Tgt Ion:152	Resp:	14542
Ion Ratio	Lower	Upper
152	100	
151	20.9	16.4 24.6
153	14.9	11.1 16.7



#11
Acenaphthene
Concen: 0.200 ng/ul
RT: 14.572 min Scan# 2538
Delta R.T. -0.002 min
Lab File: BN017396.D
Acq: 13 Nov 2021 17:47

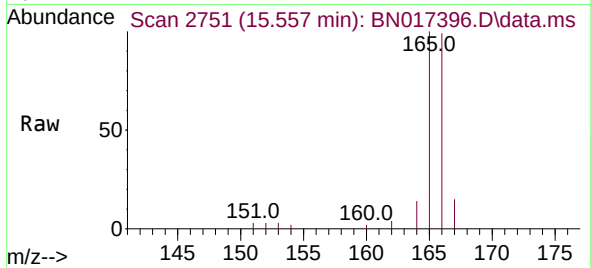
Tgt Ion:153	Resp:	10353
Ion Ratio	Lower	Upper
153	100	
152	49.6	38.3 57.5
154	88.7	71.1 106.7



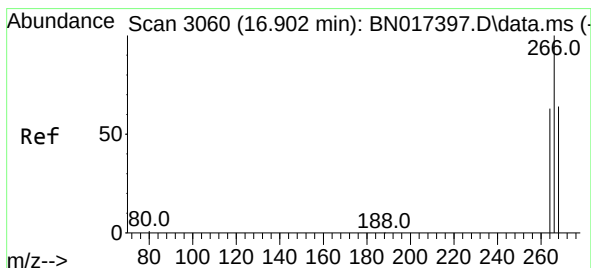
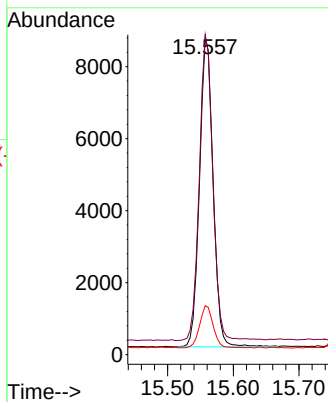
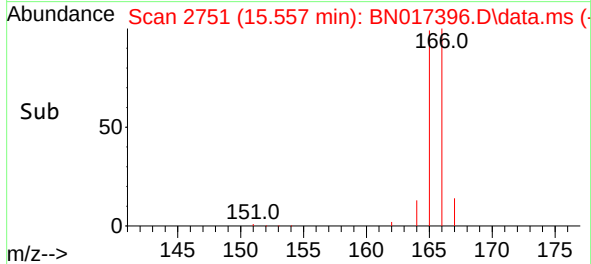


#12
Fluorene
Concen: 0.204 ng/ul
RT: 15.557 min Scan# 21
Delta R.T. -0.002 min
Lab File: BN017396.D
Acq: 13 Nov 2021 17:47

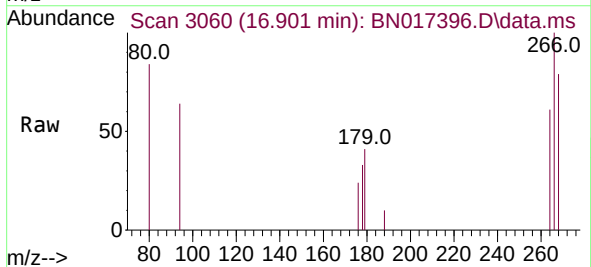
Instrument :
BNA_N
ClientSampleId :



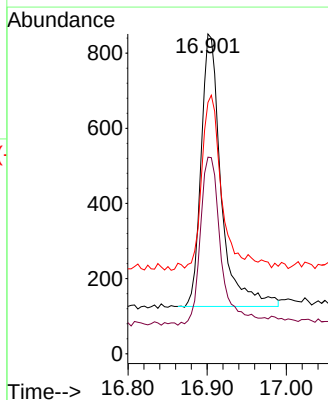
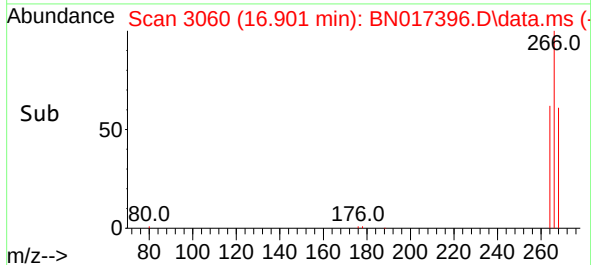
Tgt Ion:166 Resp: 12362
Ion Ratio Lower Upper
166 100
165 100.8 79.2 118.8
167 15.4 11.2 16.8

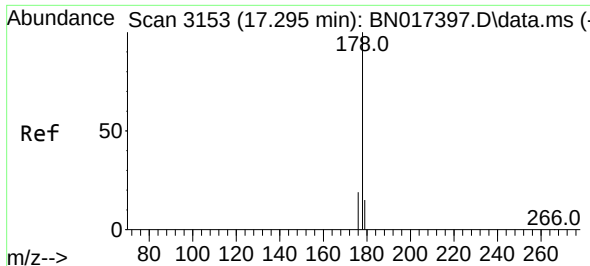


#14
Pentachlorophenol
Concen: 0.179 ng/ul
RT: 16.901 min Scan# 3060
Delta R.T. -0.001 min
Lab File: BN017396.D
Acq: 13 Nov 2021 17:47



Tgt Ion:266 Resp: 1277
Ion Ratio Lower Upper
266 100
264 64.7 50.3 75.5
268 62.4 52.2 78.4

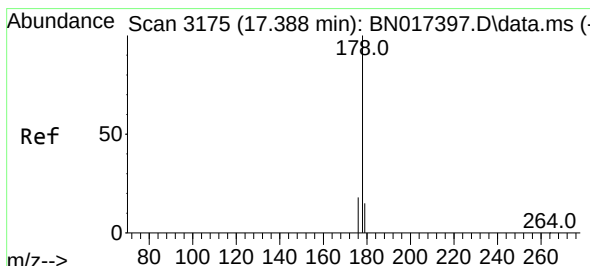
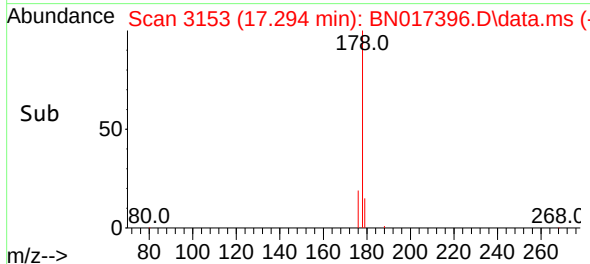
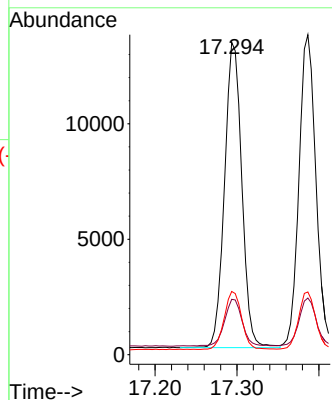
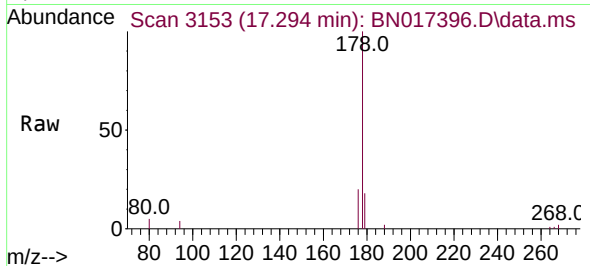




#15
Phenanthrene
Concen: 0.193 ng/ul
RT: 17.294 min Scan# 3153
Delta R.T. -0.001 min
Lab File: BN017396.D
Acq: 13 Nov 2021 17:47

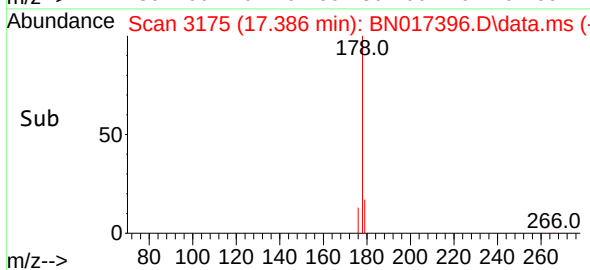
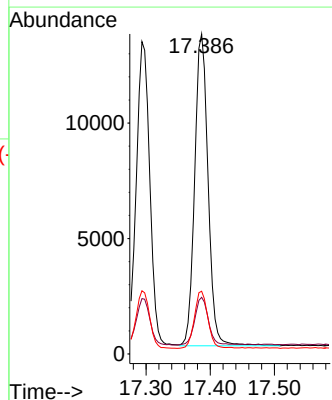
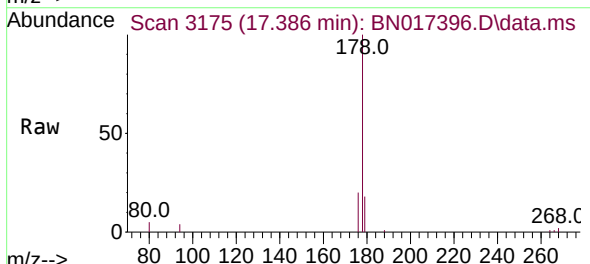
Instrument :
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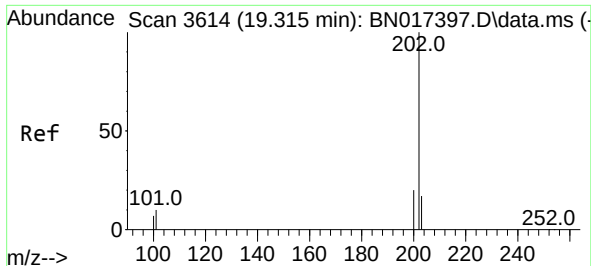
Tgt Ion:178 Resp: 19388
Ion Ratio Lower Upper
178 100
179 17.7 13.0 19.4
176 20.3 15.6 23.4



#16
Anthracene
Concen: 0.235 ng/ul
RT: 17.386 min Scan# 3175
Delta R.T. -0.001 min
Lab File: BN017396.D
Acq: 13 Nov 2021 17:47

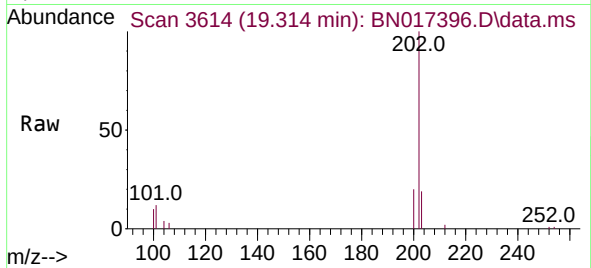
Tgt Ion:178 Resp: 19554
Ion Ratio Lower Upper
178 100
179 17.7 13.3 19.9
176 19.6 15.1 22.7



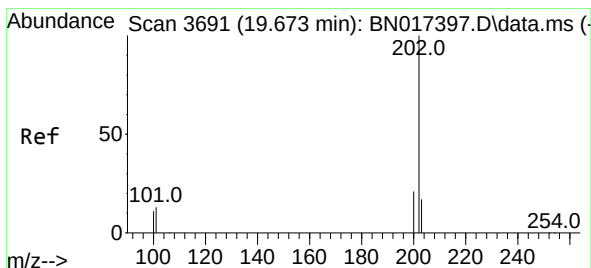
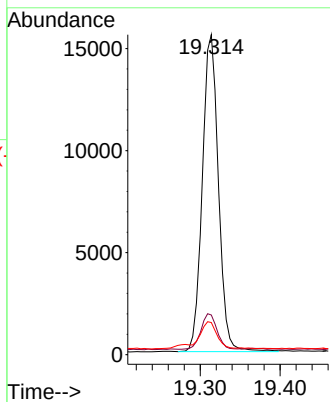
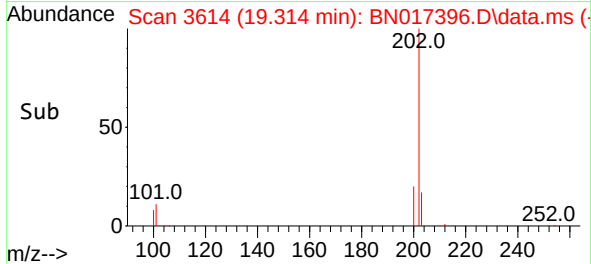


#19
Fluoranthene
Concen: 0.275 ng/ul
RT: 19.314 min Scan# 3614
Delta R.T. -0.001 min
Lab File: BN017396.D
Acq: 13 Nov 2021 17:47

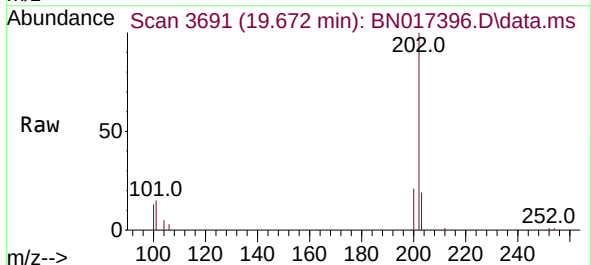
Instrument :
BNA_N
ClientSampleId :



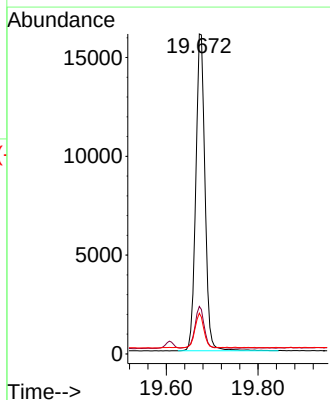
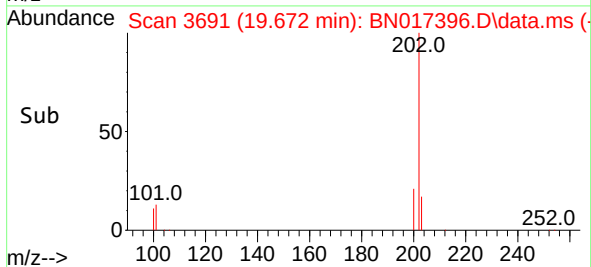
Tgt Ion:202 Resp: 21733
Ion Ratio Lower Upper
202 100
101 12.4 9.0 13.4
100 10.1 6.8 10.2

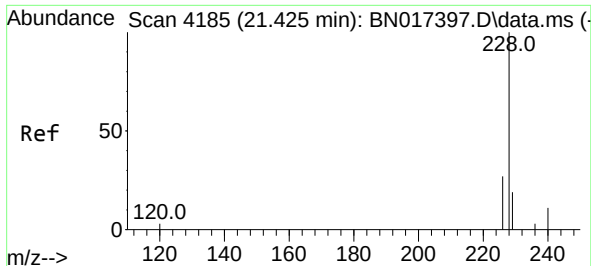


#20
Pyrene
Concen: 0.275 ng/ul
RT: 19.672 min Scan# 3691
Delta R.T. -0.001 min
Lab File: BN017396.D
Acq: 13 Nov 2021 17:47



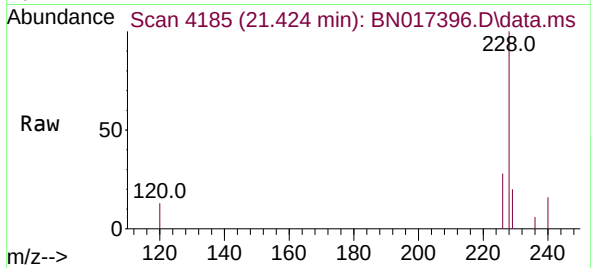
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Ion Ratio Lower Upper
202 100
101 14.9 11.4 17.2
100 12.7 9.4 14.0



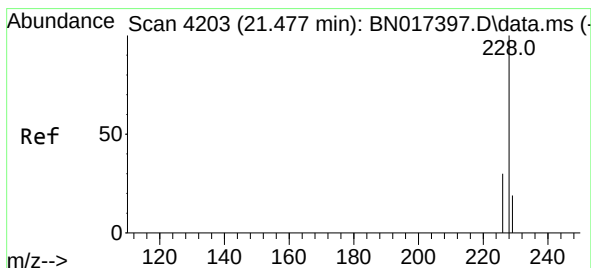
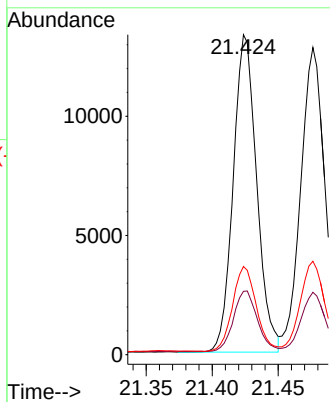
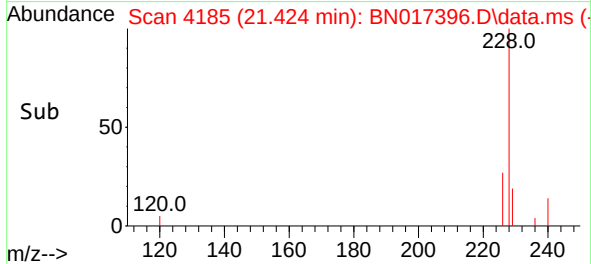


#21
Benzo(a)anthracene
Concen: 0.228 ng/ul
RT: 21.424 min Scan# 4185
Delta R.T. -0.001 min
Lab File: BN017396.D
Acq: 13 Nov 2021 17:47

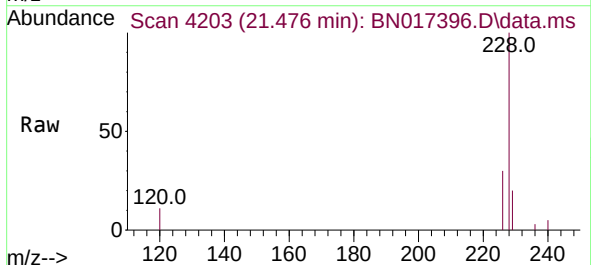
Instrument :
BNA_N
ClientSampleId :



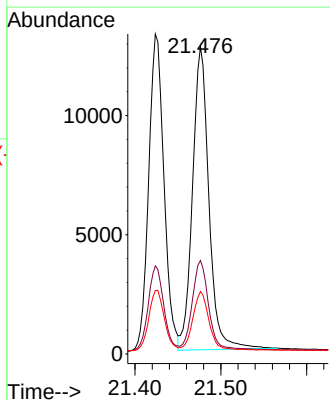
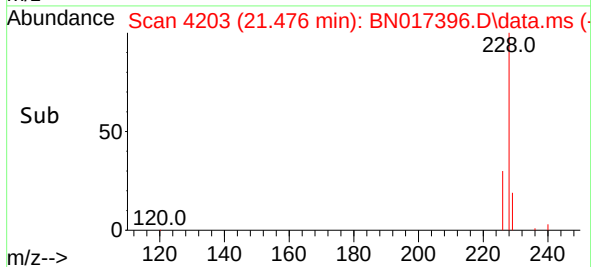
Tgt Ion:228 Resp: 16521
Ion Ratio Lower Upper
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229 19.8 15.8 23.6
226 27.6 21.8 32.8

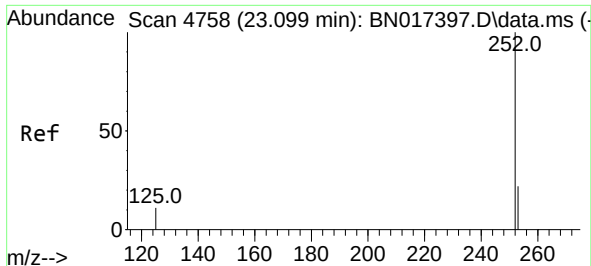


#22
Chrysene
Concen: 0.205 ng/ul
RT: 21.476 min Scan# 4203
Delta R.T. -0.001 min
Lab File: BN017396.D
Acq: 13 Nov 2021 17:47



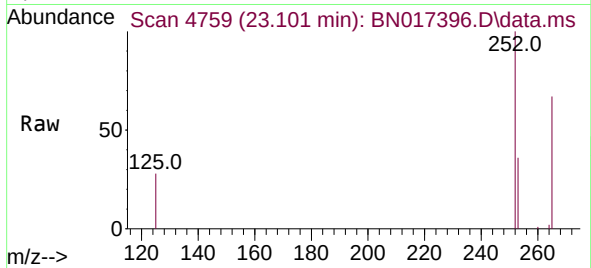
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Ion Ratio Lower Upper
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226 30.4 23.9 35.9
229 20.3 15.7 23.5



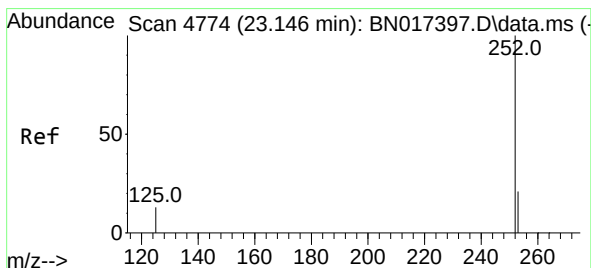
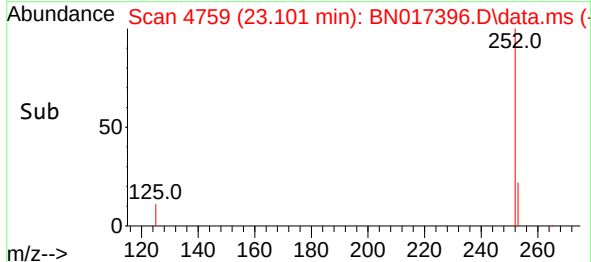
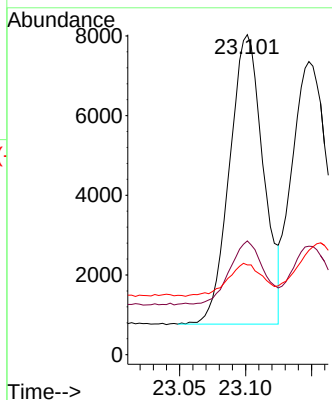


#24
Benzo(b)fluoranthene
Concen: 0.223 ng/ul
RT: 23.101 min Scan# 4759
Delta R.T. 0.002 min
Lab File: BN017396.D
Acq: 13 Nov 2021 17:47

Instrument :
BNA_N
ClientSampleId :

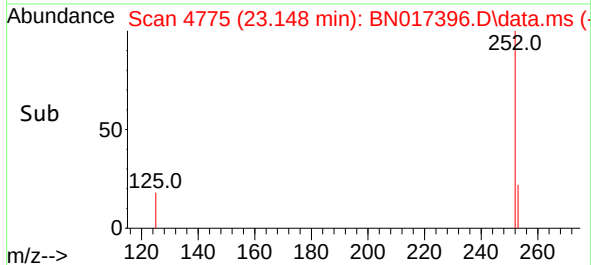
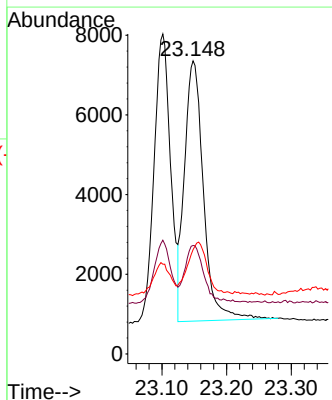
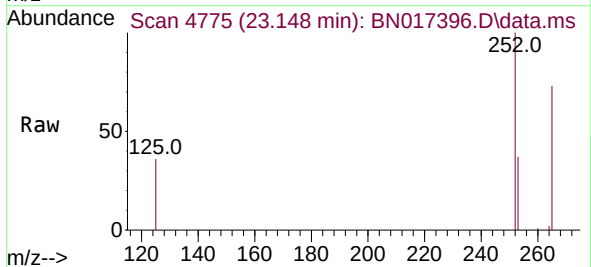


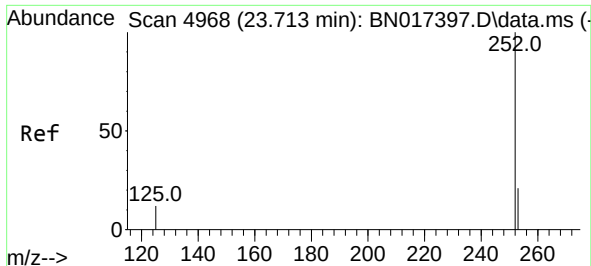
Tgt Ion:252 Resp: 12956
Ion Ratio Lower Upper
252 100
253 35.5 0.0 57.6
125 28.1 0.0 39.0



#25
Benzo(k)fluoranthene
Concen: 0.202 ng/ul
RT: 23.148 min Scan# 4775
Delta R.T. 0.002 min
Lab File: BN017396.D
Acq: 13 Nov 2021 17:47

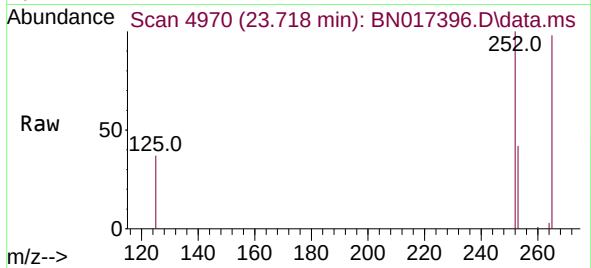
Tgt Ion:252 Resp: 13298
Ion Ratio Lower Upper
252 100
253 37.0 23.1 34.7#
125 35.6 17.1 25.7#



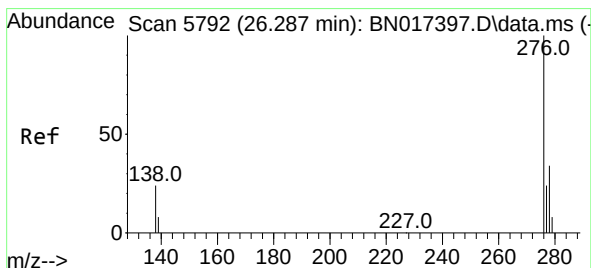
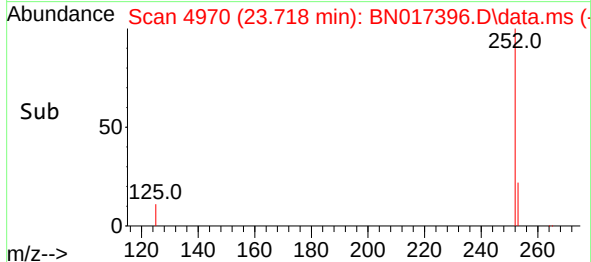
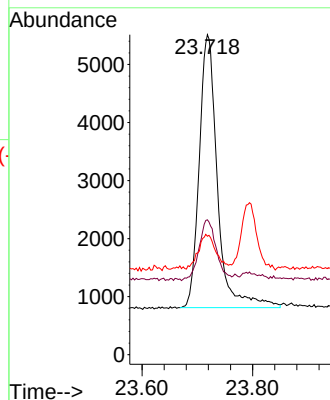


#26
Benzo(a)pyrene
Concen: 0.206 ng/ul
RT: 23.718 min Scan# 4968
Delta R.T. 0.005 min
Lab File: BN017396.D
Acq: 13 Nov 2021 17:47

Instrument :
BNA_N
ClientSampleId :

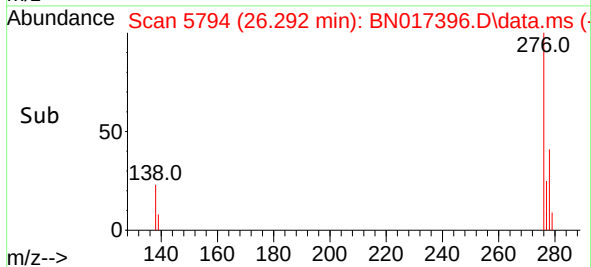
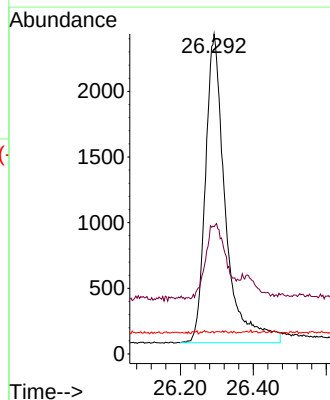
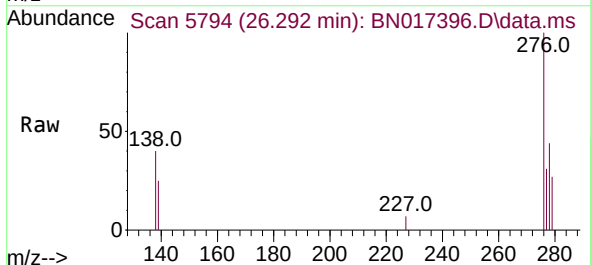


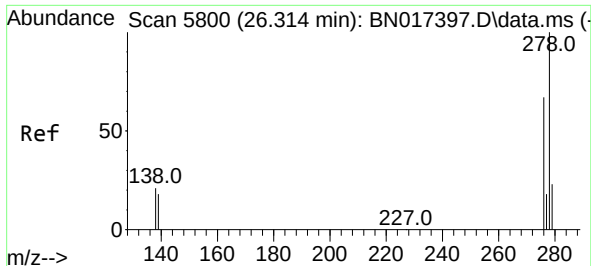
Tgt Ion:252 Resp: 10739
Ion Ratio Lower Upper
252 100
253 42.2 25.0 37.4#
125 37.0 19.3 28.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.121 ng/ul
RT: 26.292 min Scan# 5794
Delta R.T. 0.006 min
Lab File: BN017396.D
Acq: 13 Nov 2021 17:47

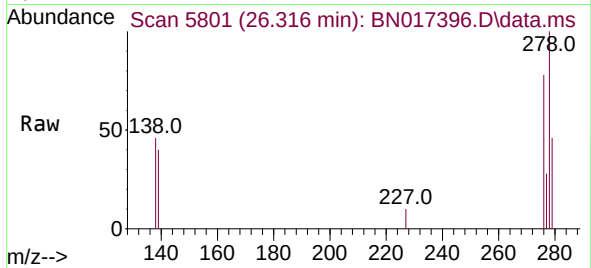
Tgt Ion:276 Resp: 8938
Ion Ratio Lower Upper
276 100
138 0.0 0.1 0.1#
227 0.1 0.0 0.0#



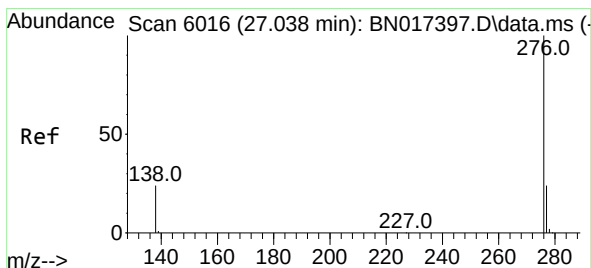
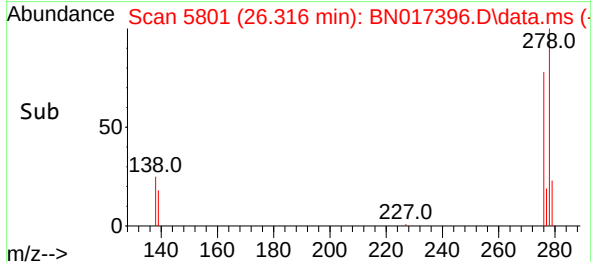
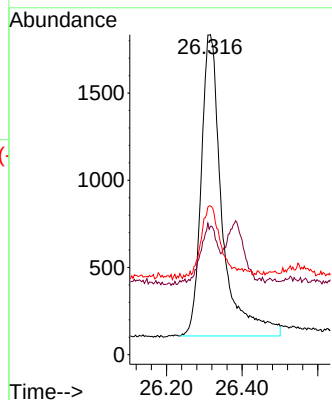


#28
Dibenzo(a,h)anthracene
Concen: 0.114 ng/ul
RT: 26.316 min Scan# 5800
Delta R.T. 0.002 min
Lab File: BN017396.D
Acq: 13 Nov 2021 17:47

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:278 Resp: 6651
Ion Ratio Lower Upper
278 100
139 40.2 21.8 32.8#
279 46.5 26.3 39.5#



#29
Benzo(g,h,i)perylene
Concen: 0.132 ng/ul
RT: 27.044 min Scan# 6018
Delta R.T. 0.006 min
Lab File: BN017396.D
Acq: 13 Nov 2021 17:47

Tgt Ion:276 Resp: 8286
Ion Ratio Lower Upper
276 100
138 41.2 24.5 36.7#
277 30.5 21.2 31.8

