

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111321\
 Data File : BN017395.D
 Acq On : 13 Nov 2021 17:11
 Operator : CG/JU
 Sample : SST0.136
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 15 02:22:46 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)

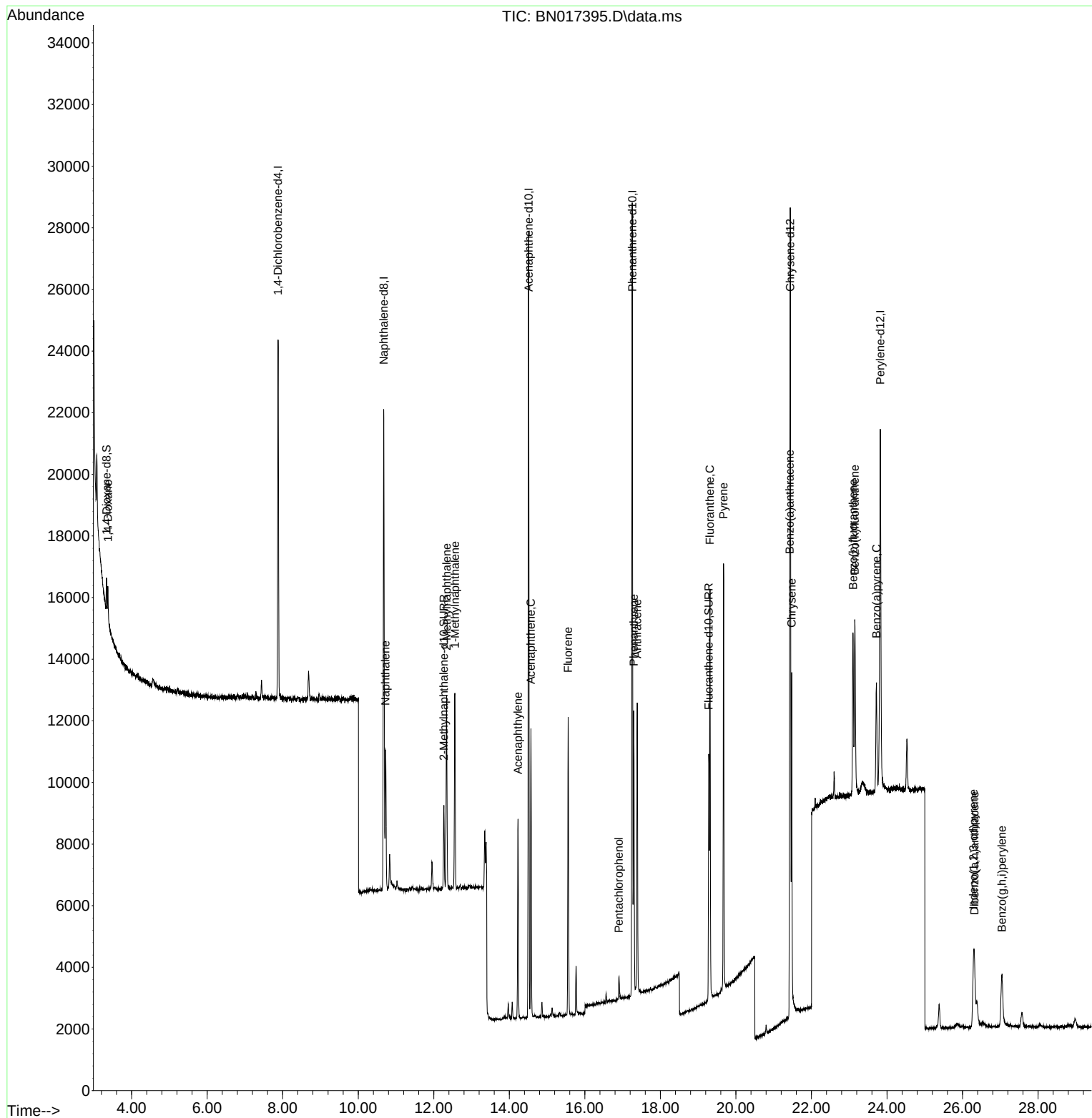
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.877	152	5774	0.400	ng/ul	0.00
4) Naphthalene-d8	10.673	136	21819	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.512	164	14326	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.256	188	30784	0.400	ng/ul	0.00
17) Chrysene-d12	21.441	240	23543	0.400	ng/ul	0.00
23) Perylene-d12	23.824	264	16809	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.337	96	799	0.124	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.268	152	3626	0.114	ng/ul	0.00
18) Fluoranthene-d10	19.281	212	8813	0.143	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.370	88	1367	0.198	ng/ul#	1
5) Naphthalene	10.722	128	6367	0.105	ng/ul#	81
7) 2-Methylnaphthalene	12.339	142	4600	0.110	ng/ul	99
8) 1-Methylnaphthalene	12.559	142	4554	0.106	ng/ul	98
10) Acenaphthylene	14.230	152	7298	0.129	ng/ul#	94
11) Acenaphthene	14.572	153	5351	0.108	ng/ul	95
12) Fluorene	15.557	166	6252	0.108	ng/ul#	94
14) Pentachlorophenol	16.901	266	618	0.089	ng/ul	98
15) Phenanthrene	17.294	178	9960	0.102	ng/ul#	93
16) Anthracene	17.387	178	9855	0.122	ng/ul#	93
19) Fluoranthene	19.314	202	11568	0.137	ng/ul#	92
20) Pyrene	19.672	202	11805	0.137	ng/ul#	92
21) Benzo(a)anthracene	21.424	228	9271	0.120	ng/ul	98
22) Chrysene	21.476	228	9342	0.107	ng/ul	96
24) Benzo(b)fluoranthene	23.101	252	7444	0.119	ng/ul#	61
25) Benzo(k)fluoranthene	23.148	252	7734	0.109	ng/ul#	51
26) Benzo(a)pyrene	23.721	252	6165	0.110	ng/ul#	47
27) Indeno(1,2,3-cd)pyrene	26.293	276	4740	0.059	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.319	278	3442	0.055	ng/ul#	36
29) Benzo(g,h,i)perylene	27.044	276	4335	0.064	ng/ul#	59

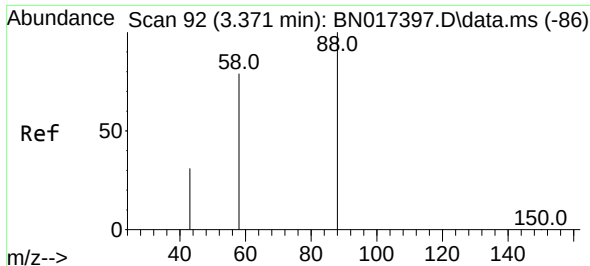
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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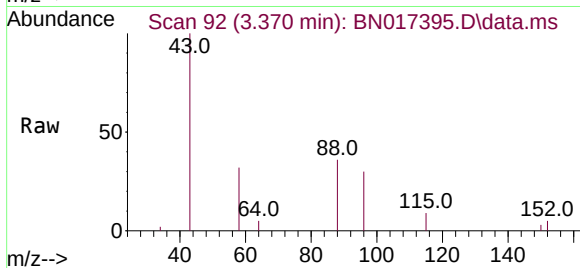
Quant Time: Nov 15 02:22:46 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 15 02:20:55 2021
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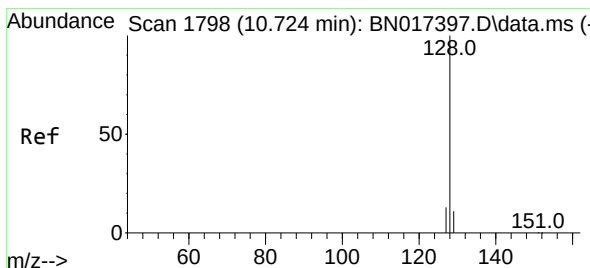
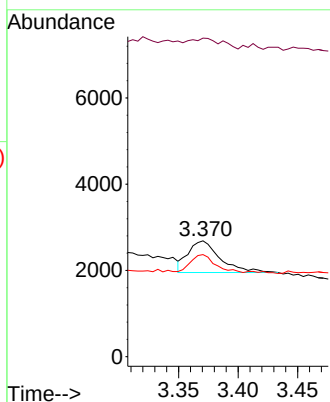
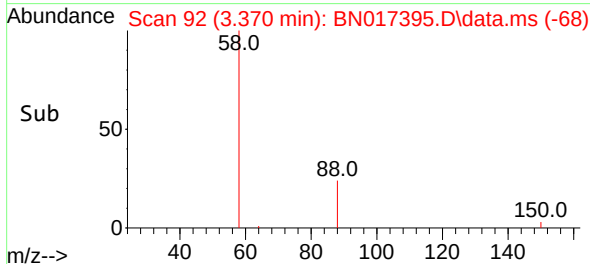


#2
 1,4-Dioxane
 Concen: 0.198 ng/ul
 RT: 3.370 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: BN017395.D
 Acq: 13 Nov 2021 17:11

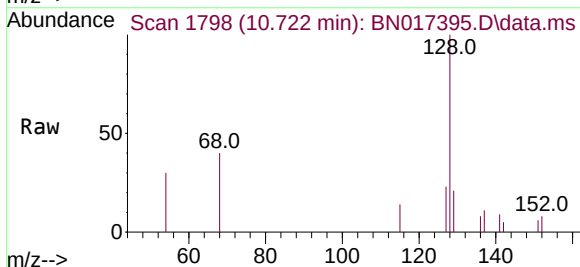
Instrument :
 BNA_N
 ClientSampleId :



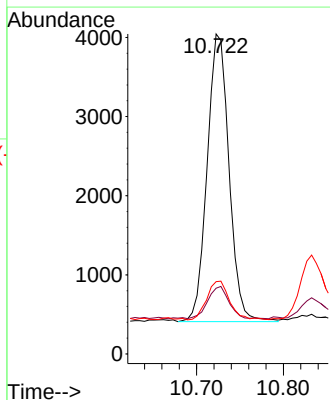
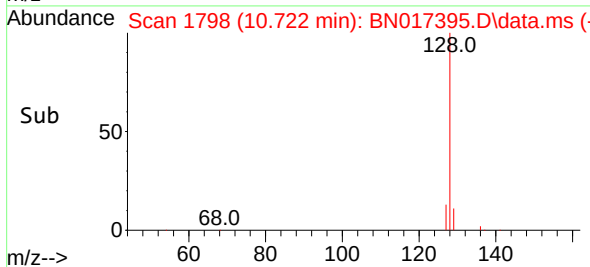
Tgt Ion: 88 Resp: 1367
 Ion Ratio Lower Upper
 88 100
 43 274.8 85.8 128.6#
 58 88.1 43.4 65.0#

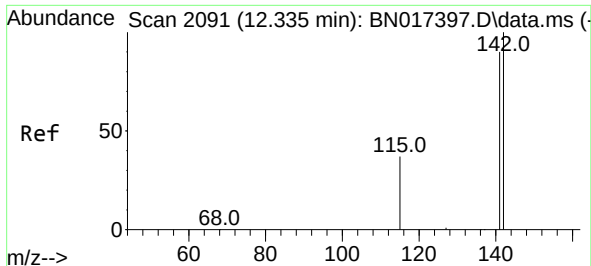


#5
 Naphthalene
 Concen: 0.105 ng/ul
 RT: 10.722 min Scan# 1798
 Delta R.T. -0.001 min
 Lab File: BN017395.D
 Acq: 13 Nov 2021 17:11



Tgt Ion: 128 Resp: 6367
 Ion Ratio Lower Upper
 128 100
 129 20.5 10.4 15.6#
 127 22.6 11.8 17.6#

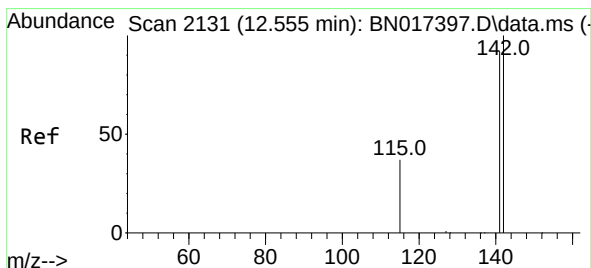
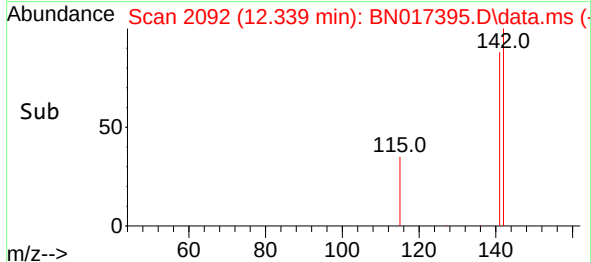
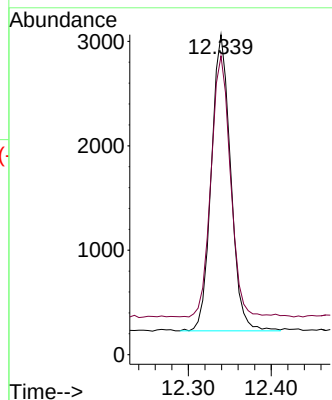
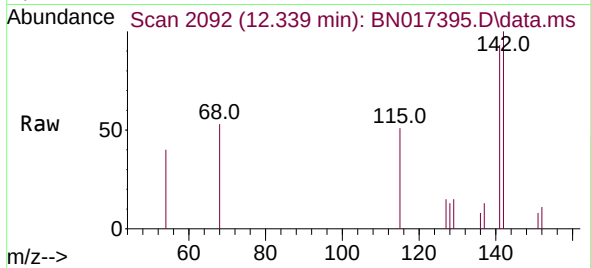




#7
2-Methylnaphthalene
Concen: 0.110 ng/ul
RT: 12.339 min Scan# 2092
Delta R.T. 0.004 min
Lab File: BN017395.D
Acq: 13 Nov 2021 17:11

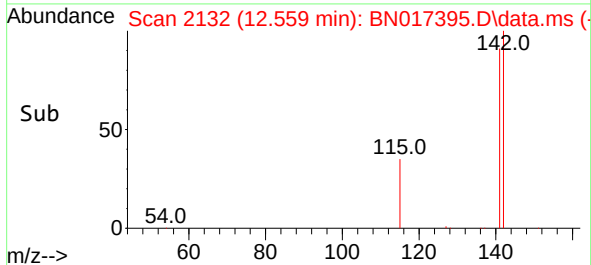
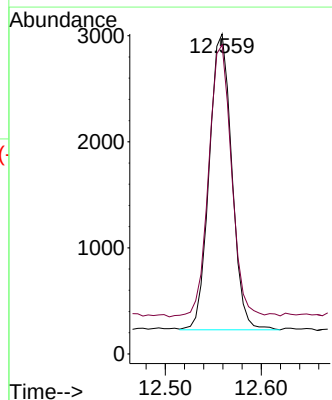
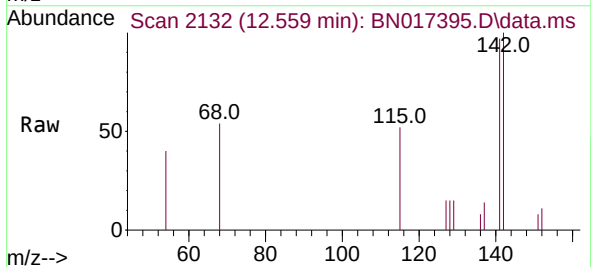
Instrument :
BNA_N
ClientSampleId :

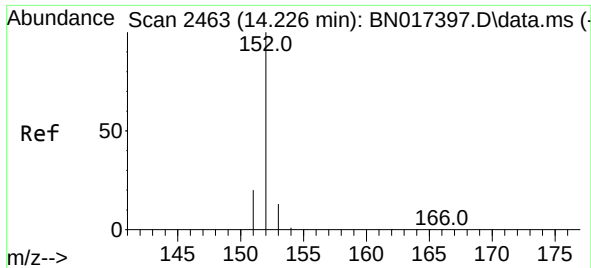
Tgt Ion:142 Resp: 4600
Ion Ratio Lower Upper
142 100
141 88.5 71.5 107.3



#8
1-Methylnaphthalene
Concen: 0.106 ng/ul
RT: 12.559 min Scan# 2132
Delta R.T. 0.004 min
Lab File: BN017395.D
Acq: 13 Nov 2021 17:11

Tgt Ion:142 Resp: 4554
Ion Ratio Lower Upper
142 100
141 93.3 73.3 109.9

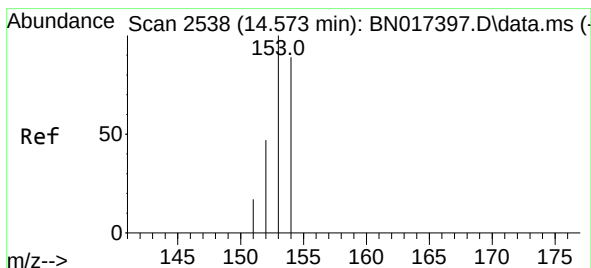
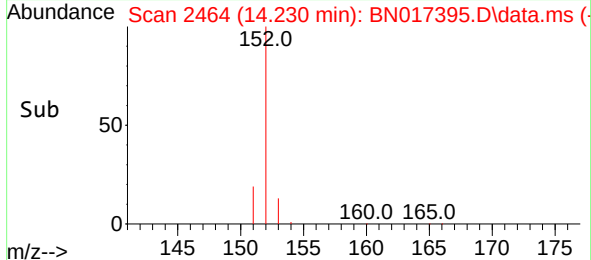
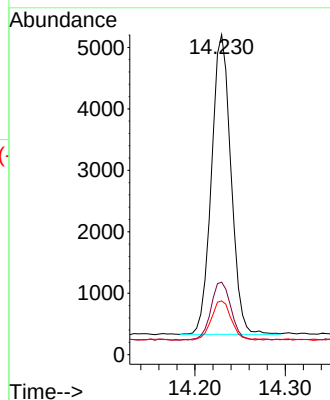
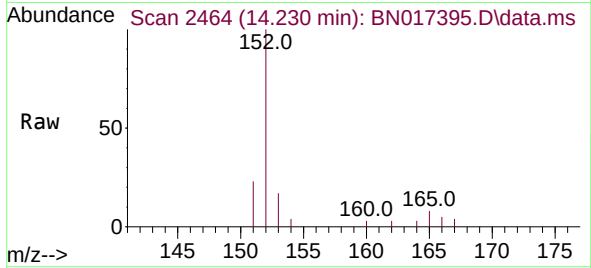




#10
Acenaphthylene
Concen: 0.129 ng/ul
RT: 14.230 min Scan# 2464
Delta R.T. 0.003 min
Lab File: BN017395.D
Acq: 13 Nov 2021 17:11

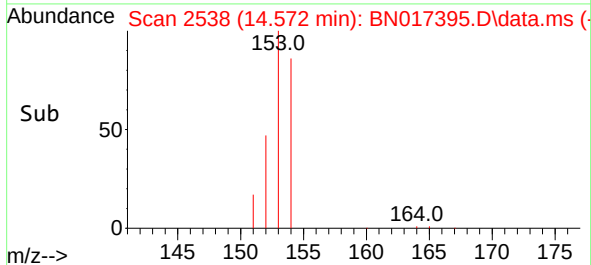
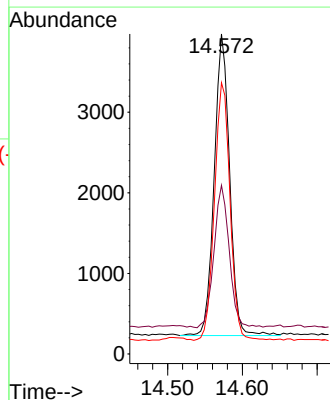
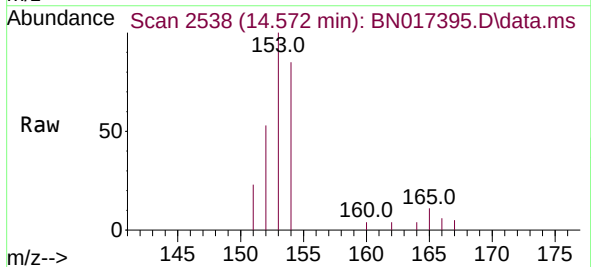
Instrument :
BNA_N
ClientSampleId :

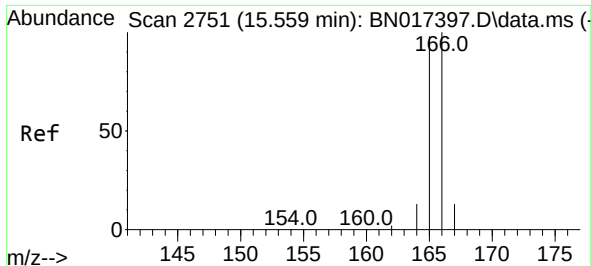
Tgt Ion:152 Resp: 7298
Ion Ratio Lower Upper
152 100
151 22.7 16.4 24.6
153 16.8 11.1 16.7#



#11
Acenaphthene
Concen: 0.108 ng/ul
RT: 14.572 min Scan# 2538
Delta R.T. -0.001 min
Lab File: BN017395.D
Acq: 13 Nov 2021 17:11

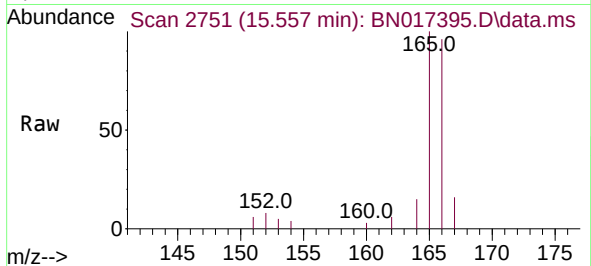
Tgt Ion:153 Resp: 5351
Ion Ratio Lower Upper
153 100
152 52.7 38.3 57.5
154 84.8 71.1 106.7



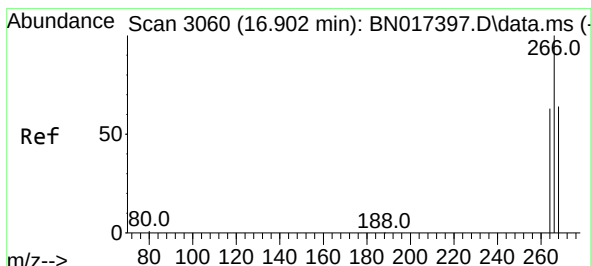
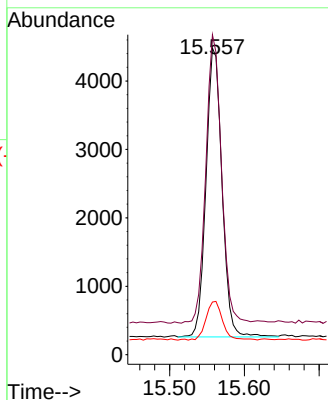
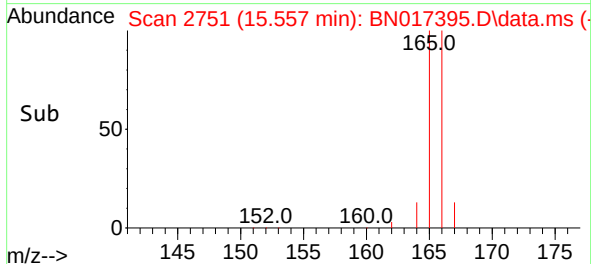


#12
Fluorene
Concen: 0.108 ng/ul
RT: 15.557 min Scan# 21
Delta R.T. -0.001 min
Lab File: BN017395.D
Acq: 13 Nov 2021 17:11

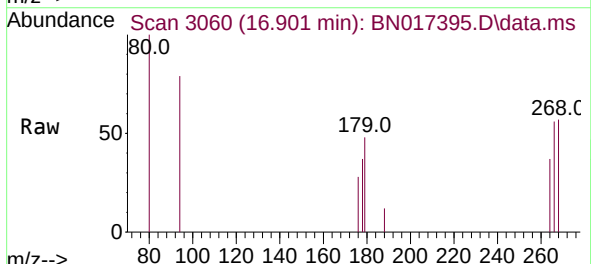
Instrument :
BNA_N
ClientSampleId :



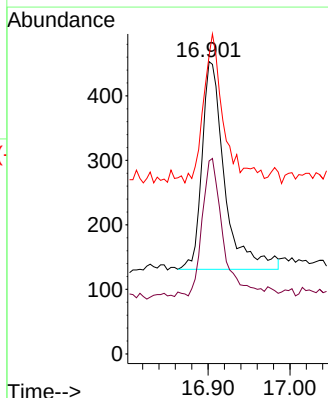
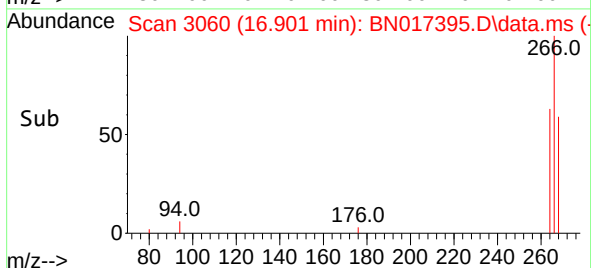
Tgt Ion:166 Resp: 6252
Ion Ratio Lower Upper
166 100
165 104.4 79.2 118.8
167 17.2 11.2 16.8#

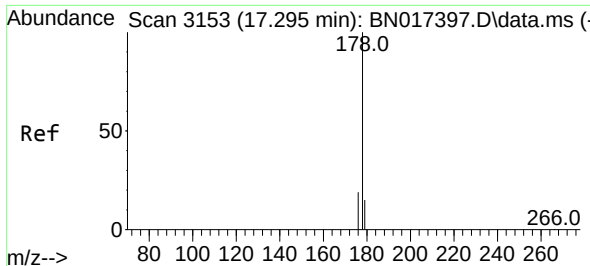


#14
Pentachlorophenol
Concen: 0.089 ng/ul
RT: 16.901 min Scan# 3060
Delta R.T. -0.001 min
Lab File: BN017395.D
Acq: 13 Nov 2021 17:11



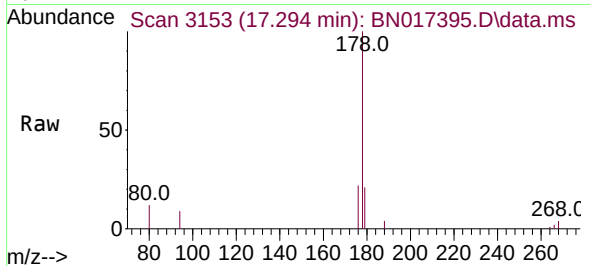
Tgt Ion:266 Resp: 618
Ion Ratio Lower Upper
266 100
264 60.7 50.3 75.5
268 64.9 52.2 78.4



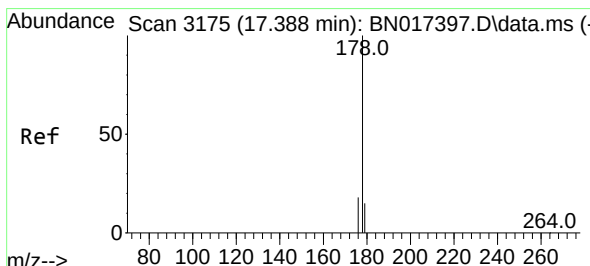
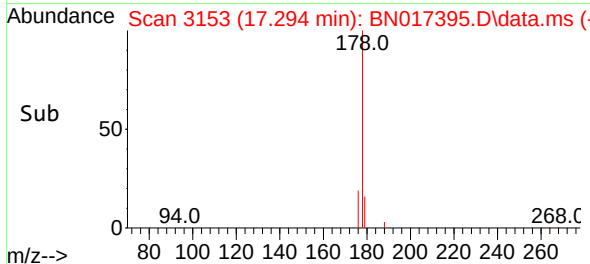
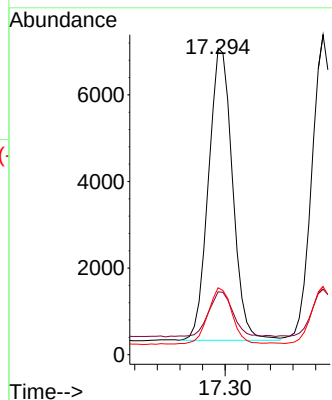


#15
Phenanthrene
Concen: 0.102 ng/ul
RT: 17.294 min Scan# 3153
Delta R.T. -0.001 min
Lab File: BN017395.D
Acq: 13 Nov 2021 17:11

Instrument :
BNA_N
ClientSampleId :

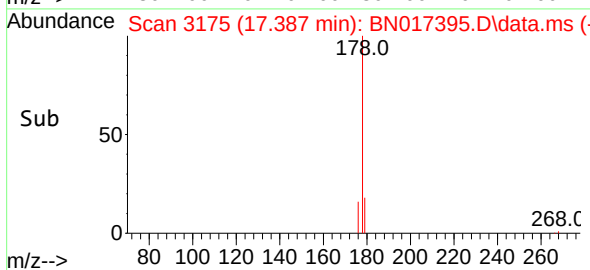
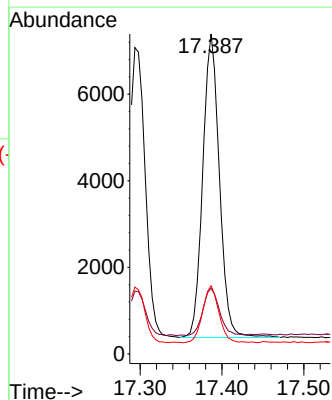
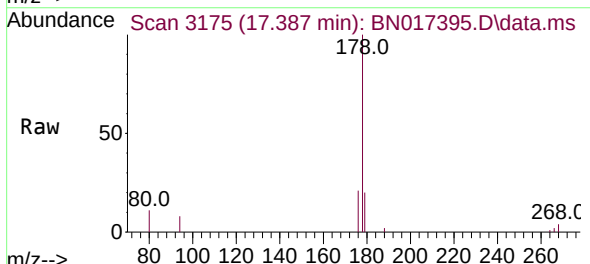


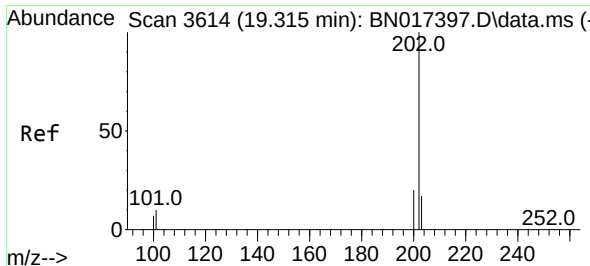
Tgt Ion:178 Resp: 9960
Ion Ratio Lower Upper
178 100
179 20.5 13.0 19.4#
176 21.8 15.6 23.4



#16
Anthracene
Concen: 0.122 ng/ul
RT: 17.387 min Scan# 3175
Delta R.T. -0.001 min
Lab File: BN017395.D
Acq: 13 Nov 2021 17:11

Tgt Ion:178 Resp: 9855
Ion Ratio Lower Upper
178 100
179 20.5 13.3 19.9#
176 21.3 15.1 22.7





#19

Fluoranthene

Concen: 0.137 ng/ul

RT: 19.314 min Scan# 3614

Delta R.T. -0.001 min

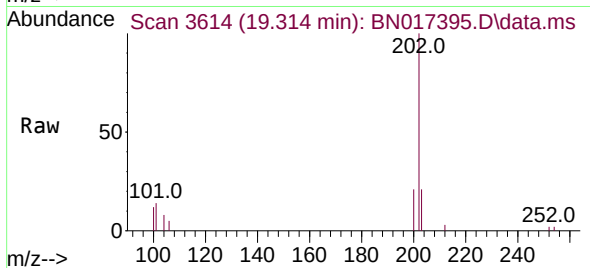
Lab File: BN017395.D

Acq: 13 Nov 2021 17:11

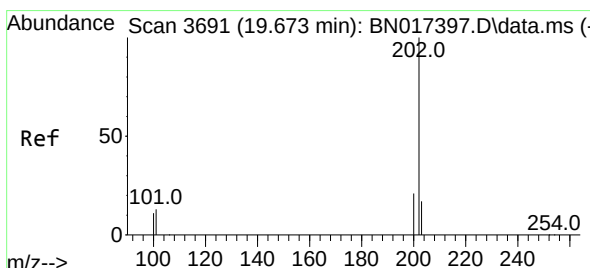
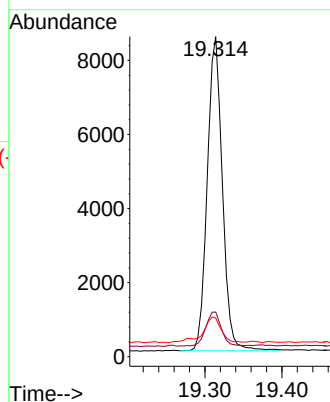
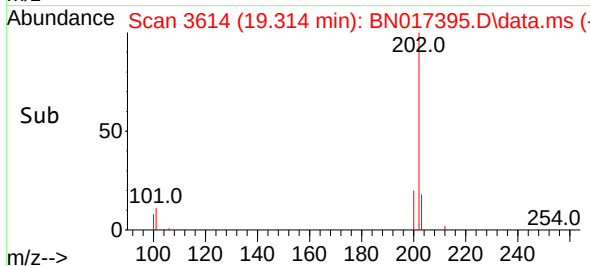
Instrument :

BNA_N

ClientSampleId :



Tgt Ion:	202	Resp:	11568
Ion Ratio	Lower	Upper	
202	100		
101	13.9	9.0	13.4#
100	12.1	6.8	10.2#



#20

Pyrene

Concen: 0.137 ng/ul

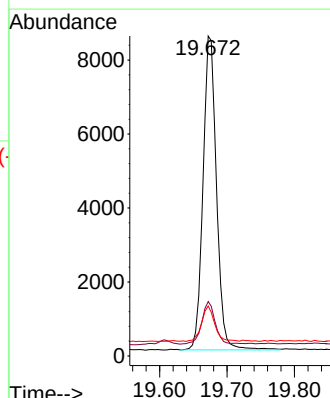
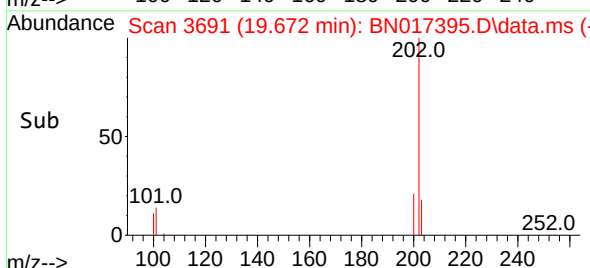
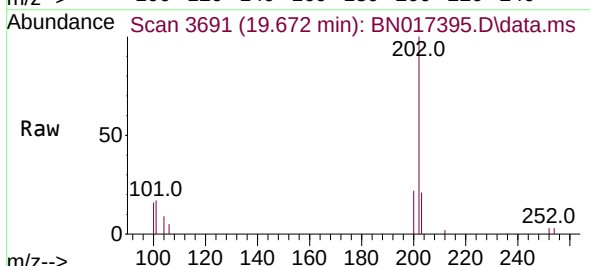
RT: 19.672 min Scan# 3691

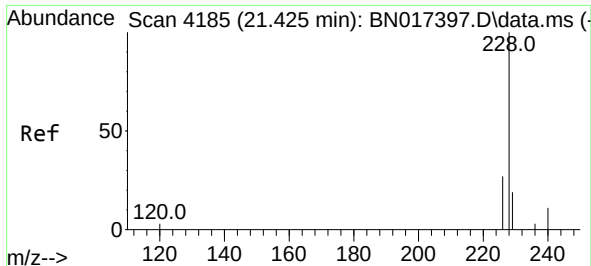
Delta R.T. -0.001 min

Lab File: BN017395.D

Acq: 13 Nov 2021 17:11

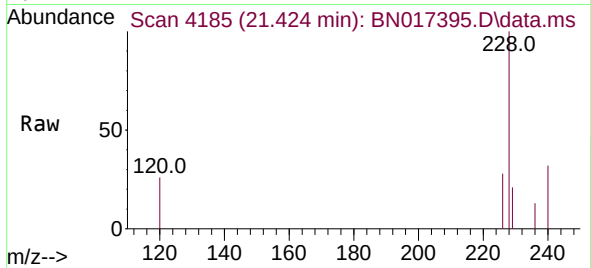
Tgt Ion:	202	Resp:	11805
Ion Ratio	Lower	Upper	
202	100		
101	17.0	11.4	17.2
100	15.6	9.4	14.0#



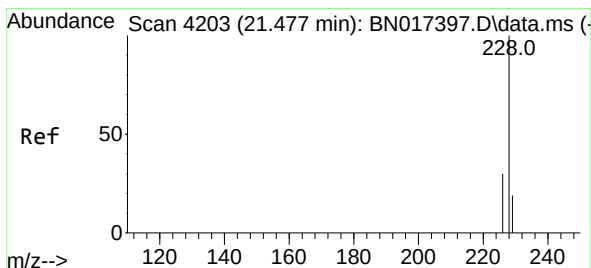
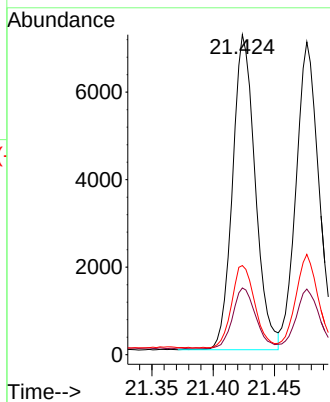
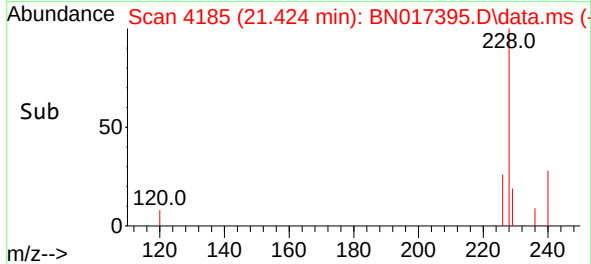


#21
Benzo(a)anthracene
Concen: 0.120 ng/ul
RT: 21.424 min Scan# 4185
Delta R.T. -0.001 min
Lab File: BN017395.D
Acq: 13 Nov 2021 17:11

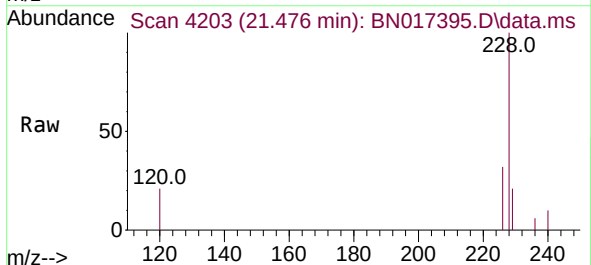
Instrument :
BNA_N
ClientSampleId :



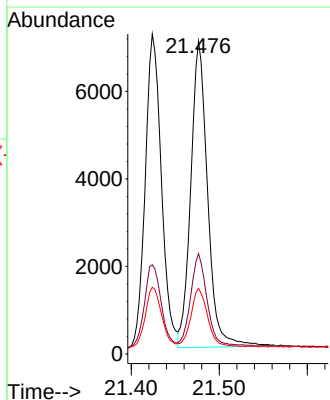
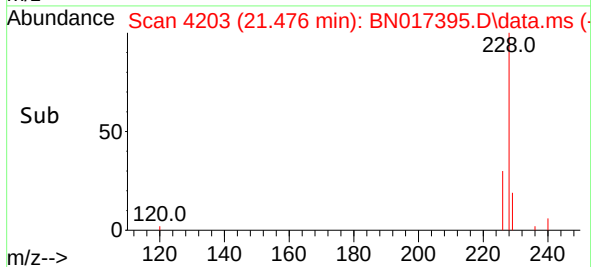
Tgt Ion:228 Resp: 9271
Ion Ratio Lower Upper
228 100
229 20.9 15.8 23.6
226 27.9 21.8 32.8

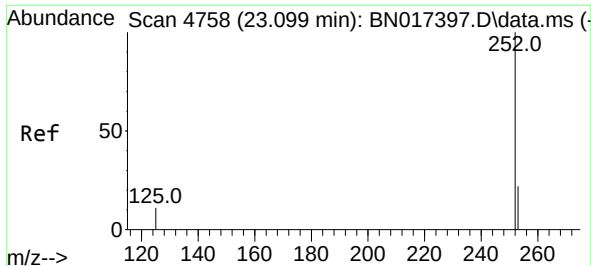


#22
Chrysene
Concen: 0.107 ng/ul
RT: 21.476 min Scan# 4203
Delta R.T. -0.001 min
Lab File: BN017395.D
Acq: 13 Nov 2021 17:11



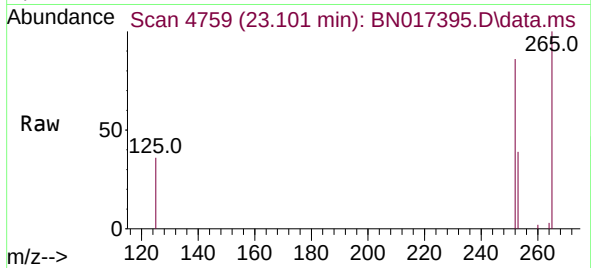
Tgt Ion:228 Resp: 9342
Ion Ratio Lower Upper
228 100
226 32.1 23.9 35.9
229 21.0 15.7 23.5



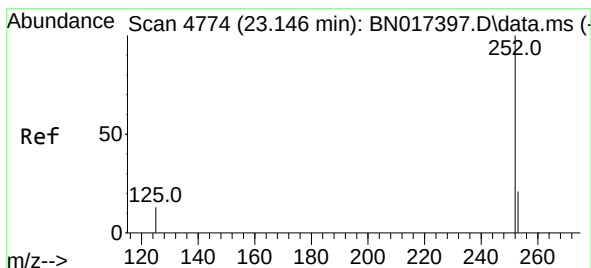
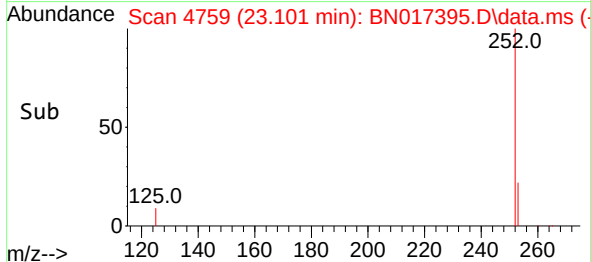
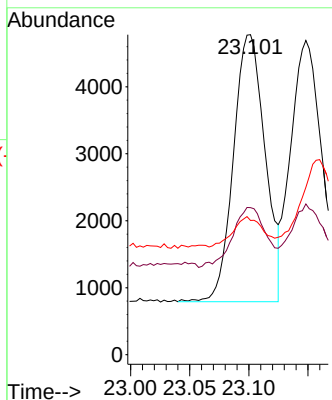


#24
Benzo(b)fluoranthene
Concen: 0.119 ng/ul
RT: 23.101 min Scan# 4759
Delta R.T. 0.002 min
Lab File: BN017395.D
Acq: 13 Nov 2021 17:11

Instrument :
BNA_N
ClientSampleId :

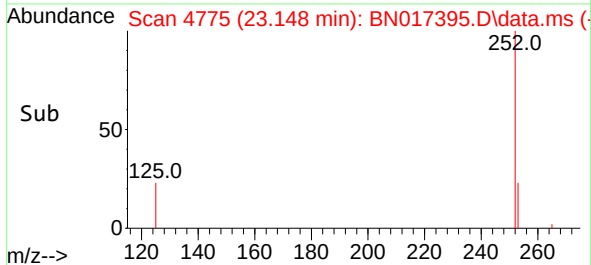
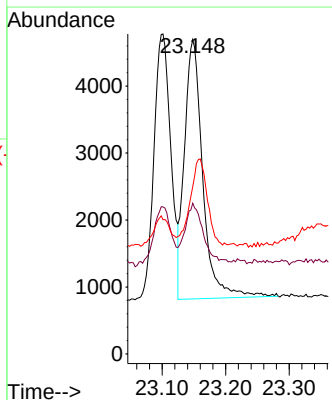
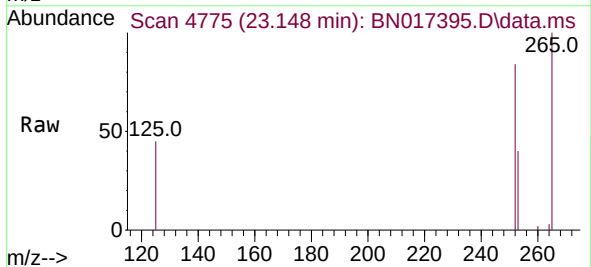


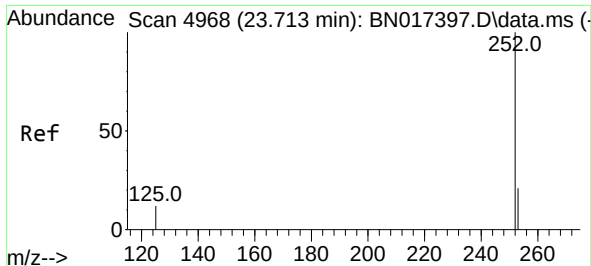
Tgt Ion:252 Resp: 7444
Ion Ratio Lower Upper
252 100
253 46.0 0.0 57.6
125 41.9 0.0 39.0#



#25
Benzo(k)fluoranthene
Concen: 0.109 ng/ul
RT: 23.148 min Scan# 4775
Delta R.T. 0.002 min
Lab File: BN017395.D
Acq: 13 Nov 2021 17:11

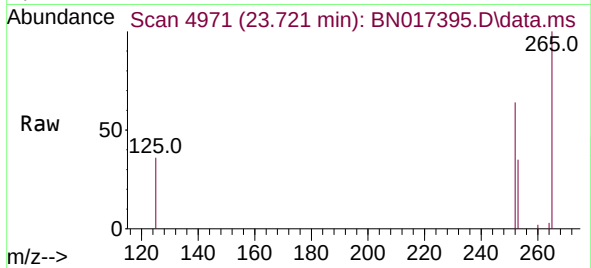
Tgt Ion:252 Resp: 7734
Ion Ratio Lower Upper
252 100
253 48.0 23.1 34.7#
125 53.3 17.1 25.7#



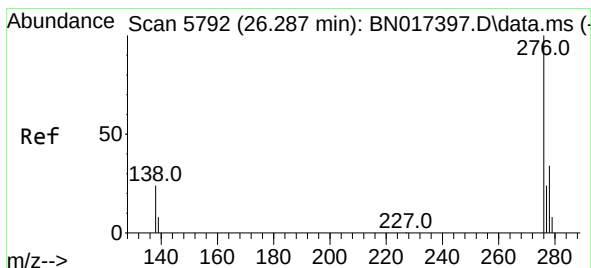
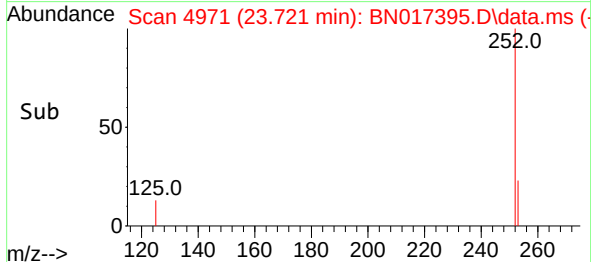
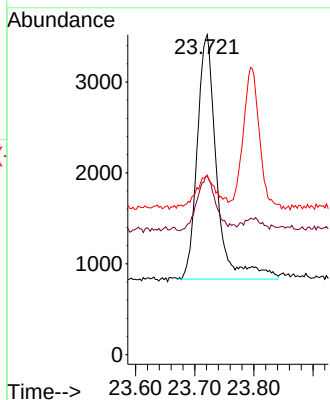


#26
Benzo(a)pyrene
Concen: 0.110 ng/ul
RT: 23.721 min Scan# 4971
Delta R.T. 0.008 min
Lab File: BN017395.D
Acq: 13 Nov 2021 17:11

Instrument :
BNA_N
ClientSampleId :

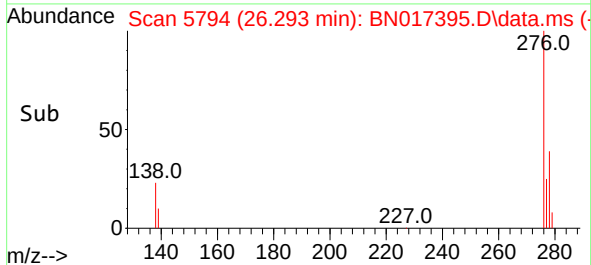
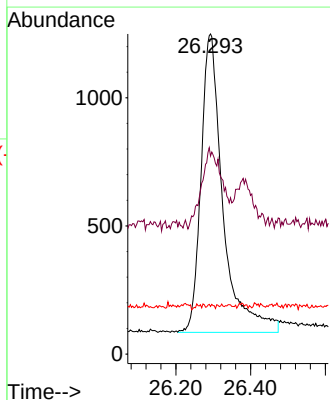
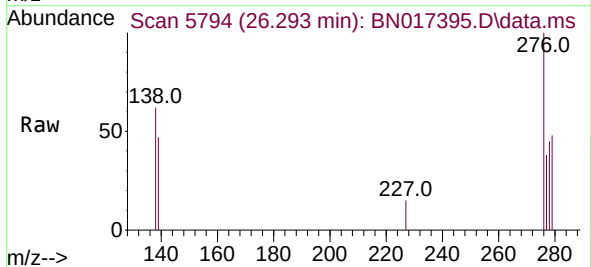


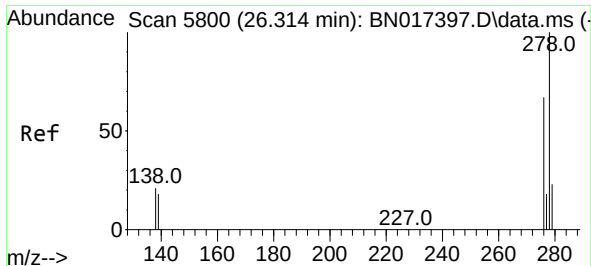
Tgt Ion:252 Resp: 6165
Ion Ratio Lower Upper
252 100
253 55.8 25.0 37.4#
125 56.1 19.3 28.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.059 ng/ul
RT: 26.293 min Scan# 5794
Delta R.T. 0.006 min
Lab File: BN017395.D
Acq: 13 Nov 2021 17:11

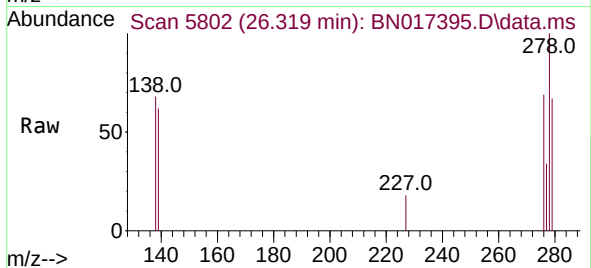
Tgt Ion:276 Resp: 4740
Ion Ratio Lower Upper
276 100
138 26.4 0.1 0.1#
227 0.3 0.0 0.0#



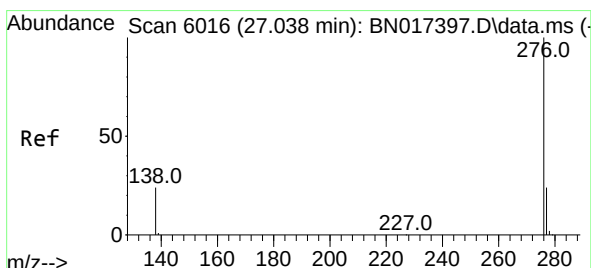
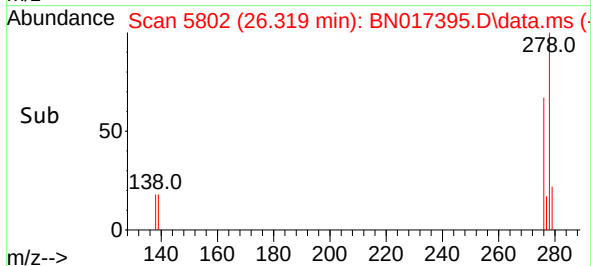
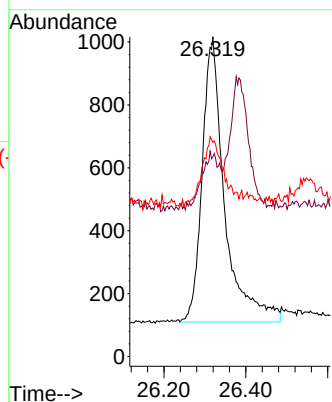


#28
Dibenzo(a,h)anthracene
Concen: 0.055 ng/ul
RT: 26.319 min Scan# 5800
Delta R.T. 0.006 min
Lab File: BN017395.D
Acq: 13 Nov 2021 17:11

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:278 Resp: 3442
Ion Ratio Lower Upper
278 100
139 62.4 21.8 32.8#
279 67.0 26.3 39.5#



#29
Benzo(g,h,i)perylene
Concen: 0.064 ng/ul
RT: 27.044 min Scan# 6018
Delta R.T. 0.006 min
Lab File: BN017395.D
Acq: 13 Nov 2021 17:11

Tgt Ion:276 Resp: 4335
Ion Ratio Lower Upper
276 100
138 63.5 24.5 36.7#
277 36.7 21.2 31.8#

