

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021122\
 Data File : BN018596.D
 Acq On : 11 Feb 2022 15:27
 Operator : CG/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SICV201

Quant Time: Feb 11 16:33:58 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN021122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 11 15:26:34 2022
 Response via : Initial Calibration

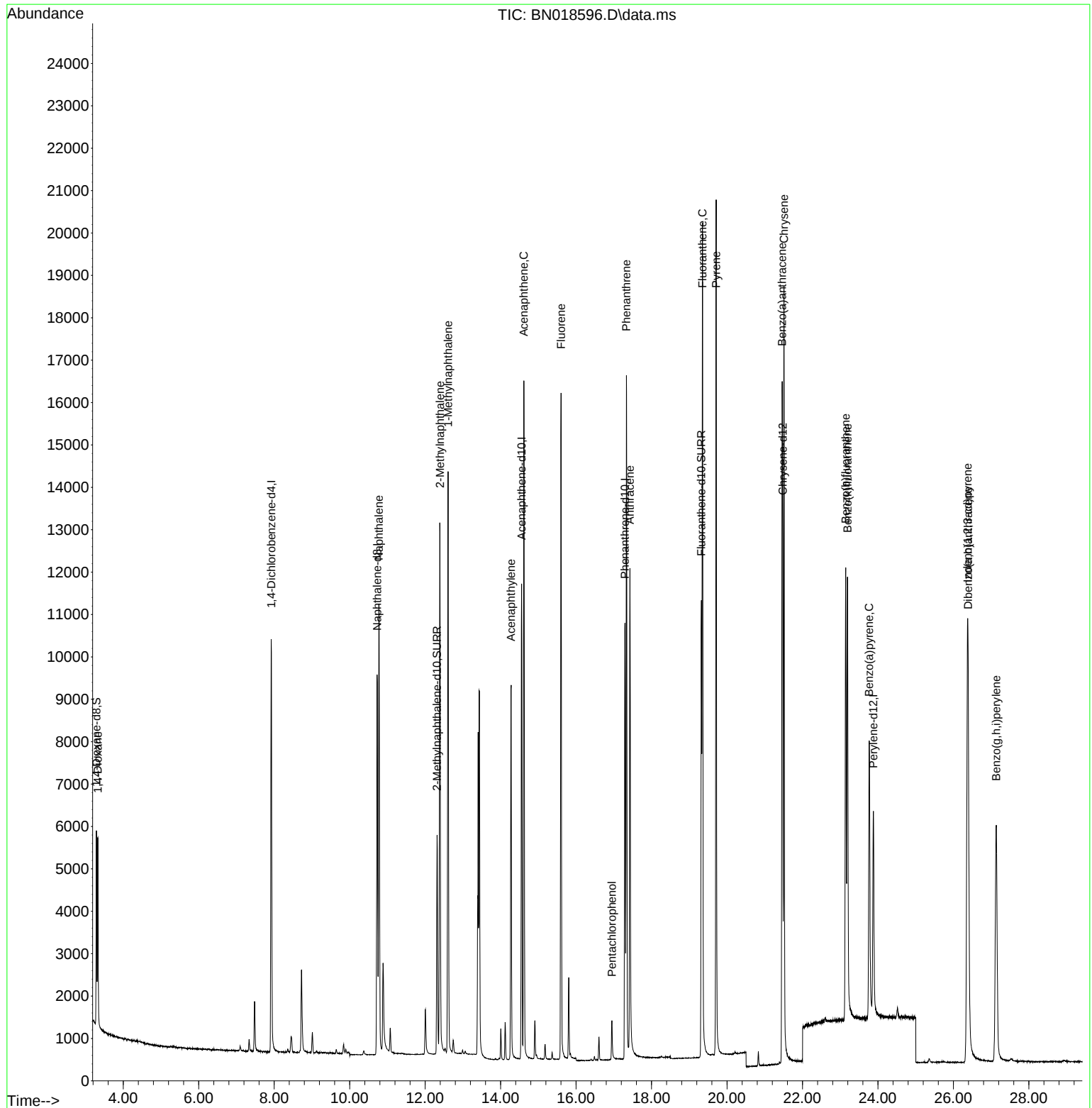
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.925	152	5376	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	12603	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.556	164	6129	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188	12166	0.400	ng/ul	0.00
17) Chrysene-d12	21.476	240	9084	0.400	ng/ul	# 0.00
23) Perylene-d12	23.876	264	7075	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.289	96	2744	0.424	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	6975	0.413	ng/ul	0.00
18) Fluoranthene-d10	19.322	212	12195	0.421	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.327	88	2964	0.438	ng/ul#	77
5) Naphthalene	10.776	128	14889	0.414	ng/ul	99
7) 2-Methylnaphthalene	12.393	142	9430	0.412	ng/ul	100
8) 1-Methylnaphthalene	12.607	142	9439	0.409	ng/ul	99
10) Acenaphthylene	14.279	152	10395	0.411	ng/ul	100
11) Acenaphthene	14.617	153	9353	0.419	ng/ul	99
12) Fluorene	15.602	166	10224	0.413	ng/ul	99
14) Pentachlorophenol	16.950	266	754	0.342	ng/ul	98
15) Phenanthrene	17.334	178	17092	0.412	ng/ul	99
16) Anthracene	17.427	178	13613	0.408	ng/ul	99
19) Fluoranthene	19.349	202	17455	0.417	ng/ul#	93
20) Pyrene	19.712	202	17475	0.412	ng/ul#	94
21) Benzo(a)anthracene	21.459	228	13009	0.403	ng/ul	100
22) Chrysene	21.511	228	16231	0.417	ng/ul	100
24) Benzo(b)fluoranthene	23.145	252	14549	0.422	ng/ul	94
25) Benzo(k)fluoranthene	23.192	252	15150	0.420	ng/ul#	95
26) Benzo(a)pyrene	23.768	252	11458	0.412	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.373	276	15077	0.407	ng/ul#	79
28) Dibenzo(a,h)anthracene	26.390	278	11901	0.405	ng/ul#	90
29) Benzo(g,h,i)perylene	27.134	276	13037	0.414	ng/ul#	92

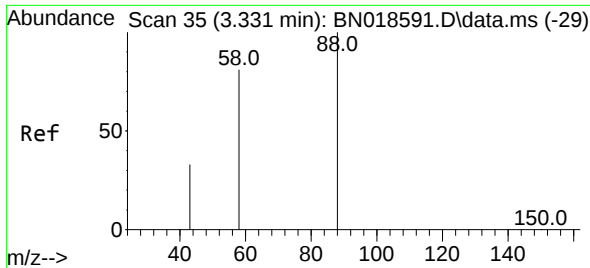
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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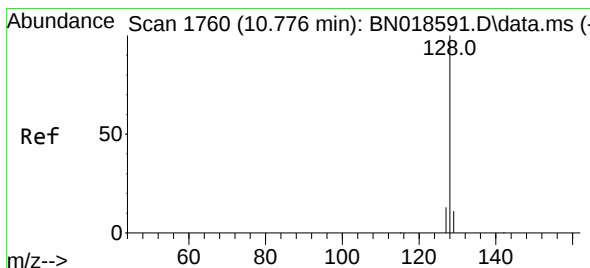
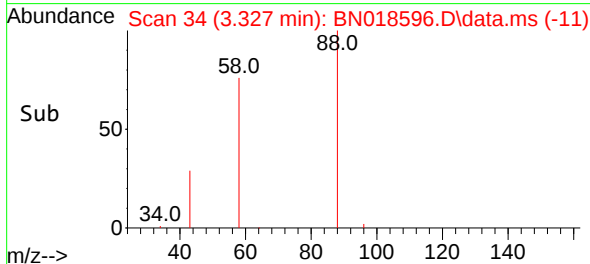
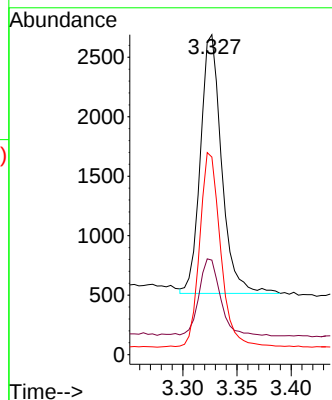
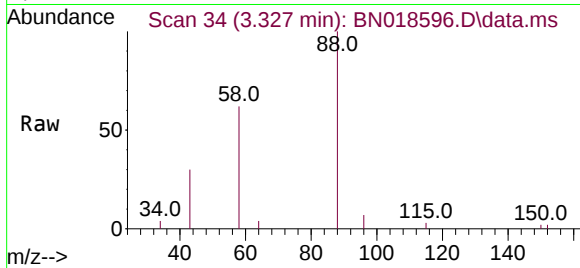




#2
 1,4-Dioxane
 Concen: 0.438 ng/ul
 RT: 3.327 min Scan# 34
 Delta R.T. -0.004 min
 Lab File: BN018596.D
 Acq: 11 Feb 2022 15:27

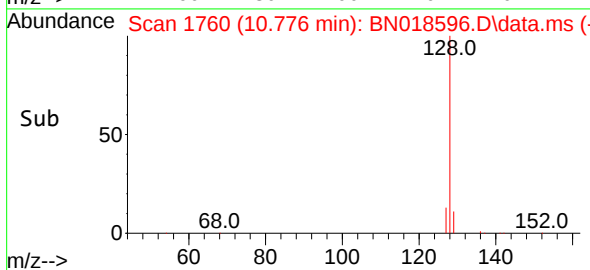
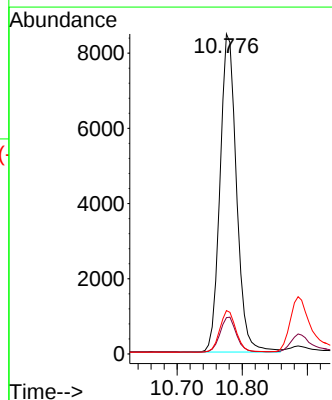
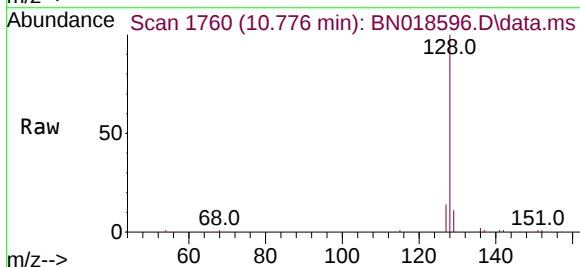
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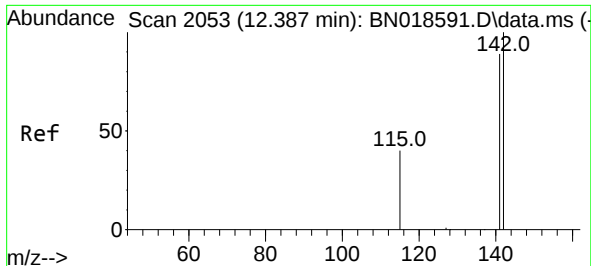
Tgt Ion: 88 Resp: 2964
 Ion Ratio Lower Upper
 88 100
 43 29.6 47.8 71.8#
 58 61.7 46.2 69.2



#5
 Naphthalene
 Concen: 0.414 ng/ul
 RT: 10.776 min Scan# 1760
 Delta R.T. 0.000 min
 Lab File: BN018596.D
 Acq: 11 Feb 2022 15:27

Tgt Ion:128 Resp: 14889
 Ion Ratio Lower Upper
 128 100
 129 11.4 9.4 14.0
 127 13.6 11.0 16.6

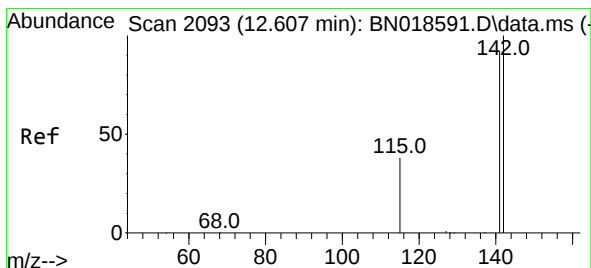
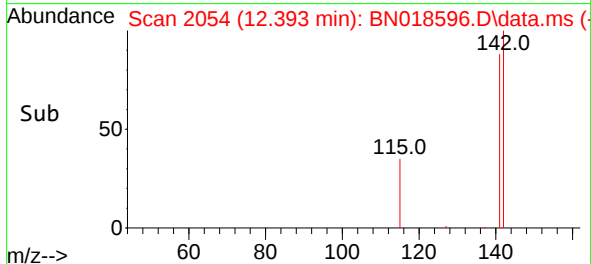
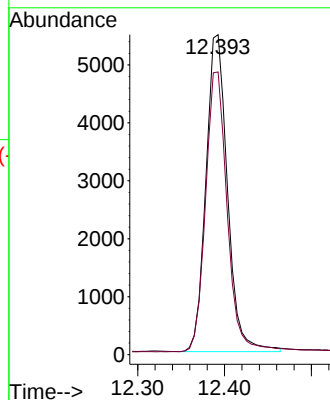
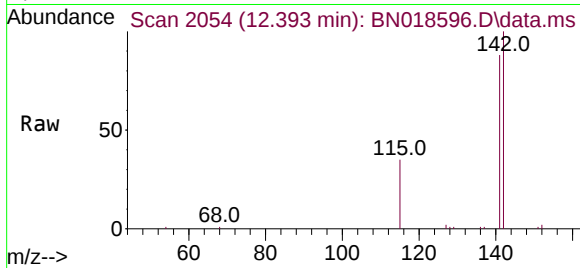




#7
2-Methylnaphthalene
Concen: 0.412 ng/ul
RT: 12.393 min Scan# 2054
Delta R.T. 0.006 min
Lab File: BN018596.D
Acq: 11 Feb 2022 15:27

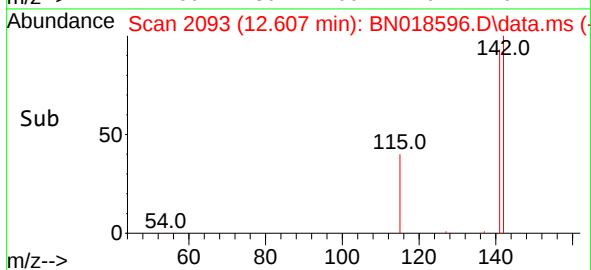
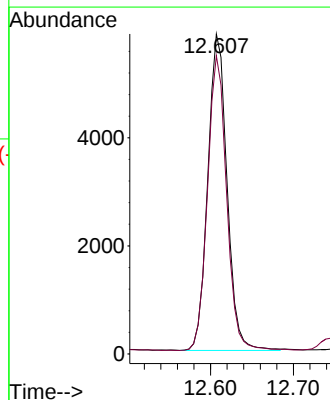
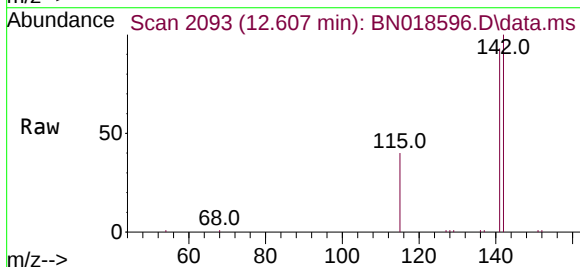
Instrument :
BNA_N
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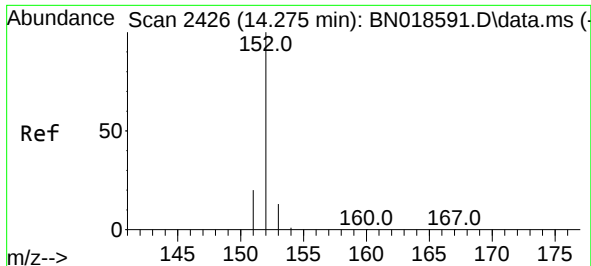
Tgt Ion:142 Resp: 9430
Ion Ratio Lower Upper
142 100
141 88.6 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.409 ng/ul
RT: 12.607 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BN018596.D
Acq: 11 Feb 2022 15:27

Tgt Ion:142 Resp: 9439
Ion Ratio Lower Upper
142 100
141 92.6 73.2 109.8

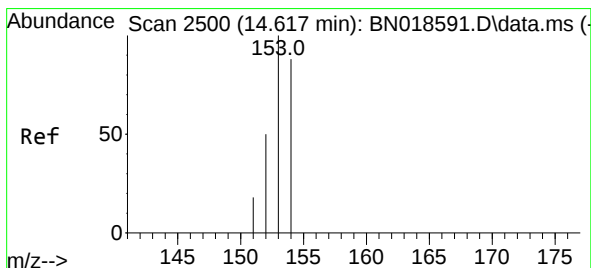
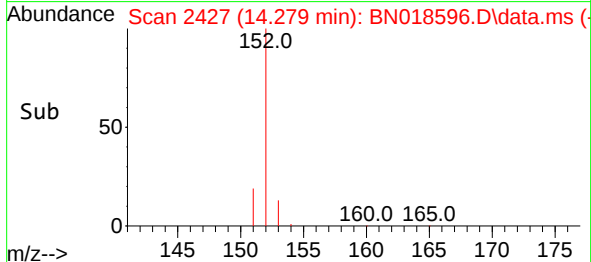
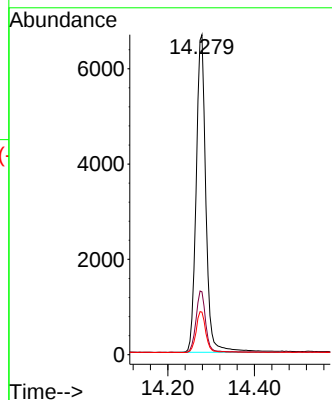
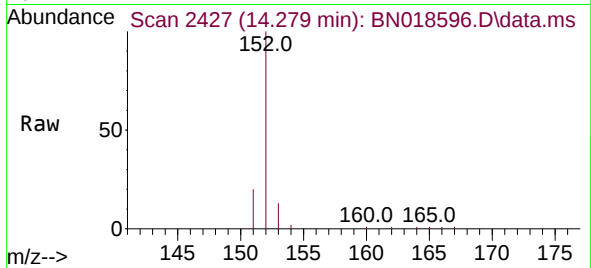




#10
Acenaphthylene
Concen: 0.411 ng/ul
RT: 14.279 min Scan# 2426
Delta R.T. 0.004 min
Lab File: BN018596.D
Acq: 11 Feb 2022 15:27

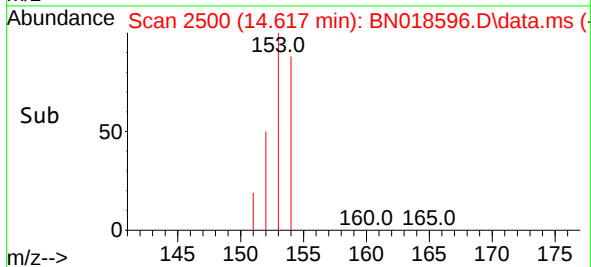
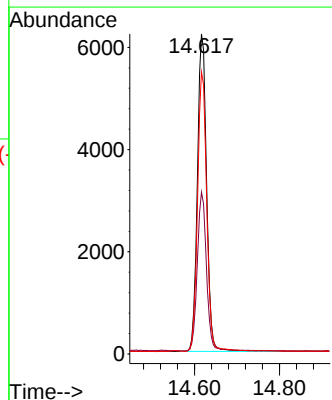
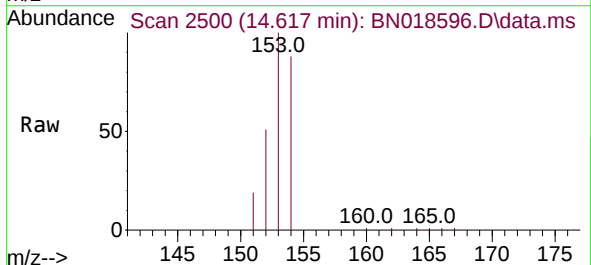
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BNA_N
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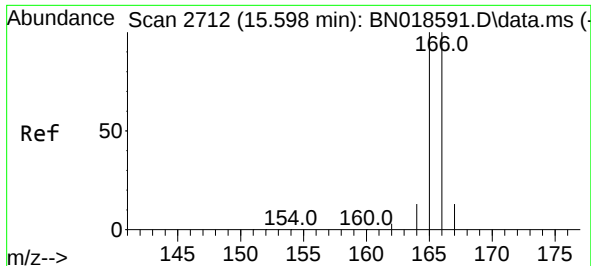
Tgt Ion:152 Resp: 10395
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.8
153 13.3 10.7 16.1



#11
Acenaphthene
Concen: 0.419 ng/ul
RT: 14.617 min Scan# 2500
Delta R.T. -0.001 min
Lab File: BN018596.D
Acq: 11 Feb 2022 15:27

Tgt Ion:153 Resp: 9353
Ion Ratio Lower Upper
153 100
152 50.6 39.7 59.5
154 88.1 70.9 106.3

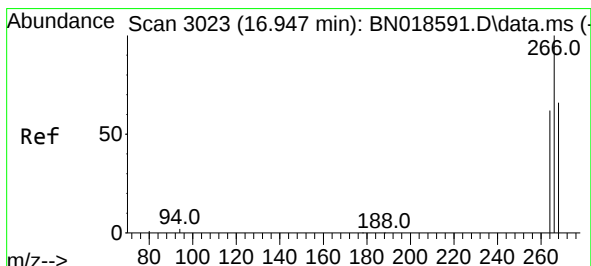
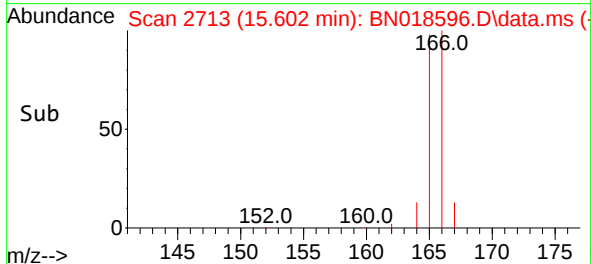
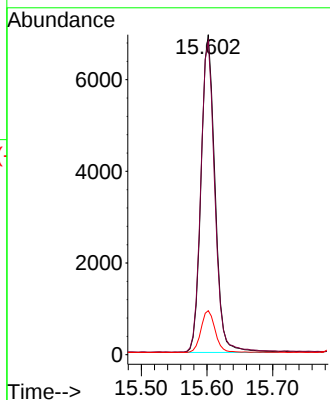
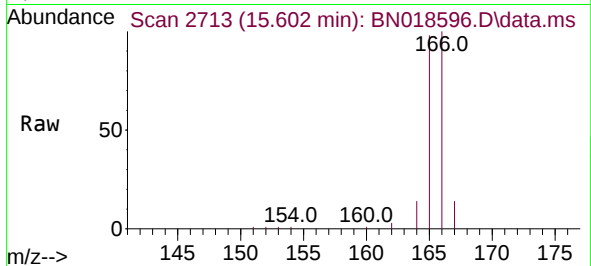




#12
 Fluorene
 Concen: 0.413 ng/ul
 RT: 15.602 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BN018596.D
 Acq: 11 Feb 2022 15:27

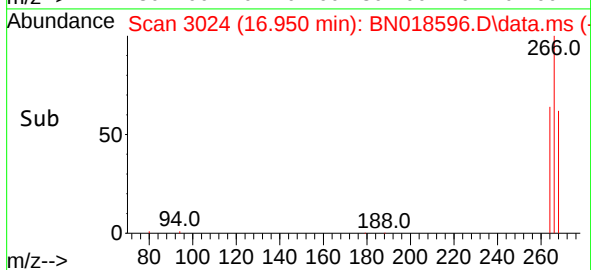
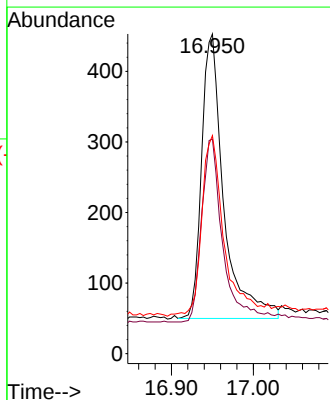
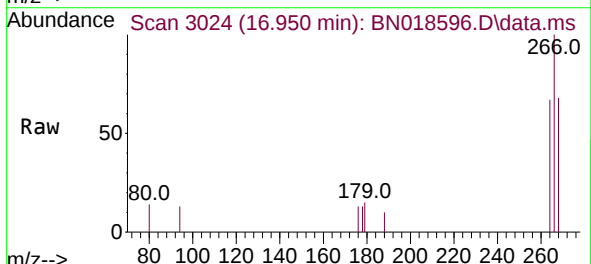
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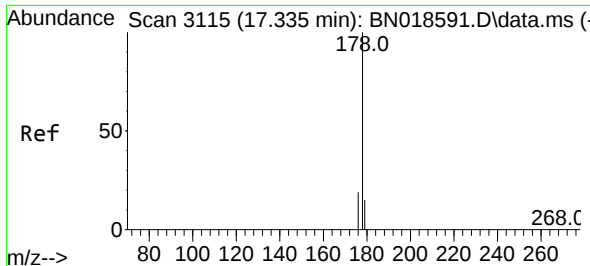
Tgt Ion:166 Resp: 10224
 Ion Ratio Lower Upper
 166 100
 165 98.0 77.8 116.6
 167 13.7 11.6 17.4



#14
 Pentachlorophenol
 Concen: 0.342 ng/ul
 RT: 16.950 min Scan# 3024
 Delta R.T. 0.003 min
 Lab File: BN018596.D
 Acq: 11 Feb 2022 15:27

Tgt Ion:266 Resp: 754
 Ion Ratio Lower Upper
 266 100
 264 63.0 49.9 74.9
 268 66.7 51.7 77.5

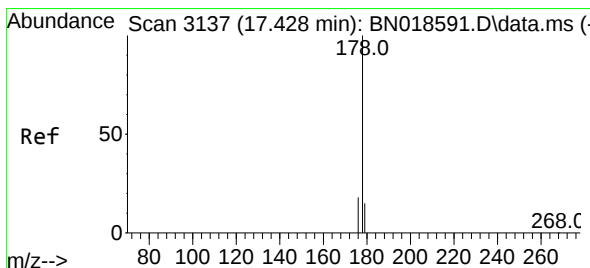
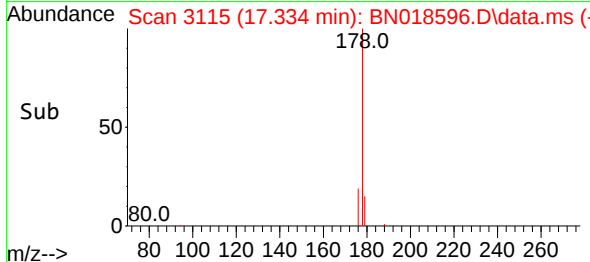
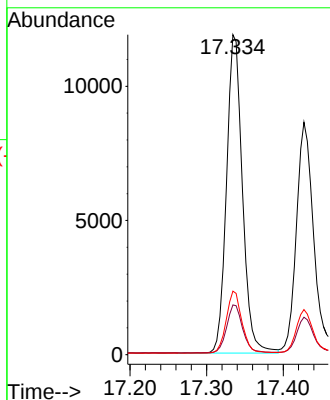
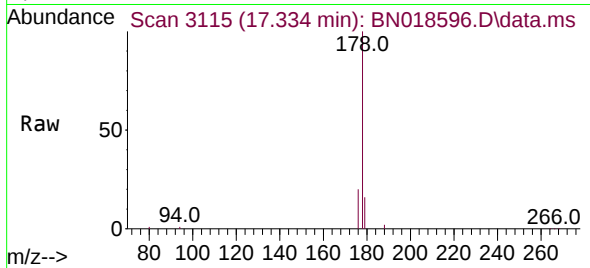




#15
Phenanthrene
Concen: 0.412 ng/ul
RT: 17.334 min Scan# 3115
Delta R.T. -0.001 min
Lab File: BN018596.D
Acq: 11 Feb 2022 15:27

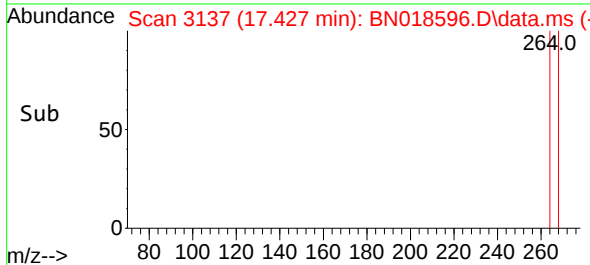
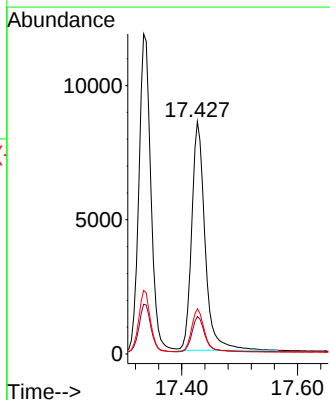
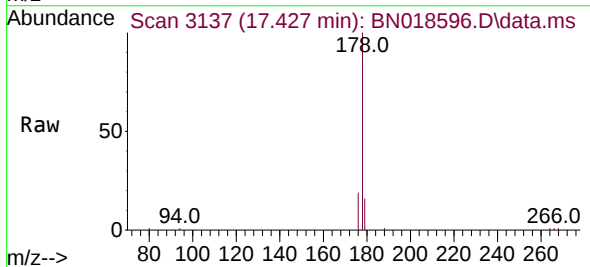
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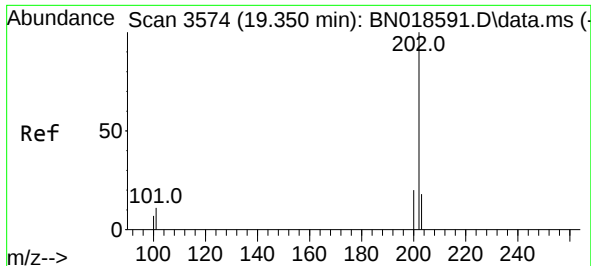
Tgt Ion:178 Resp: 17092
Ion Ratio Lower Upper
178 100
179 15.5 12.2 18.4
176 19.8 15.4 23.2



#16
Anthracene
Concen: 0.408 ng/ul
RT: 17.427 min Scan# 3137
Delta R.T. -0.001 min
Lab File: BN018596.D
Acq: 11 Feb 2022 15:27

Tgt Ion:178 Resp: 13613
Ion Ratio Lower Upper
178 100
179 16.1 12.3 18.5
176 19.4 15.5 23.3

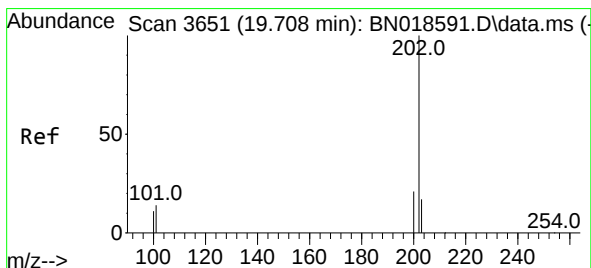
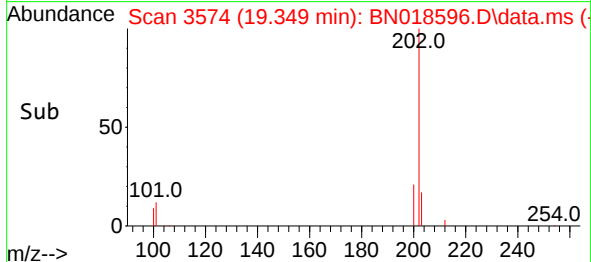
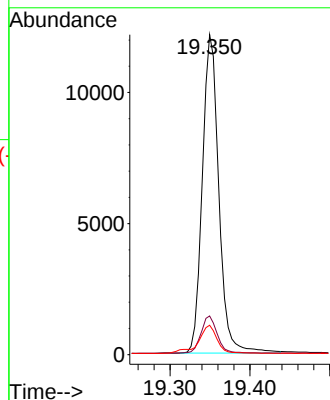
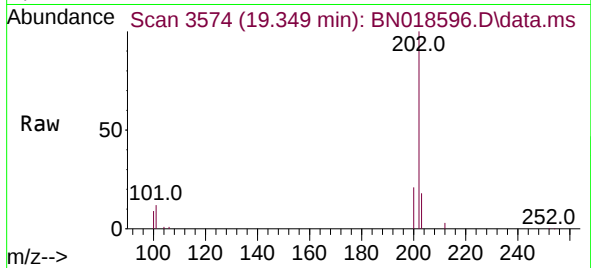




#19
Fluoranthene
Concen: 0.417 ng/ul
RT: 19.349 min Scan# 3574
Delta R.T. -0.001 min
Lab File: BN018596.D
Acq: 11 Feb 2022 15:27

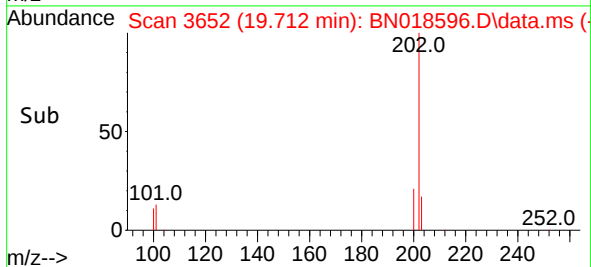
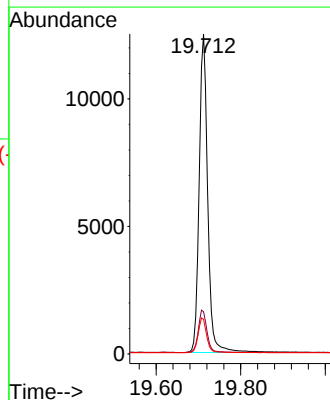
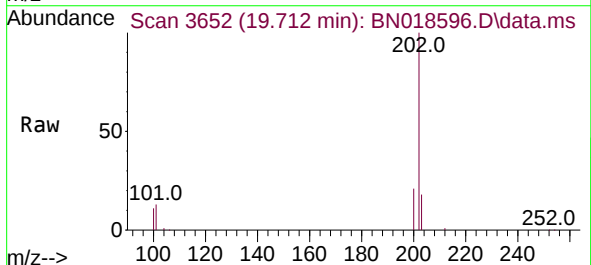
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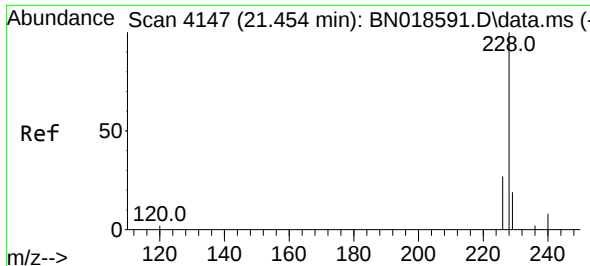
Tgt Ion:202 Resp: 17455
Ion Ratio Lower Upper
202 100
101 12.1 7.5 11.3#
100 9.2 5.4 8.2#



#20
Pyrene
Concen: 0.412 ng/ul
RT: 19.712 min Scan# 3652
Delta R.T. 0.004 min
Lab File: BN018596.D
Acq: 11 Feb 2022 15:27

Tgt Ion:202 Resp: 17475
Ion Ratio Lower Upper
202 100
101 13.2 9.0 13.4
100 10.9 7.0 10.4#

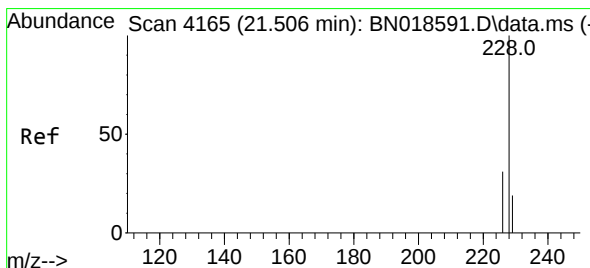
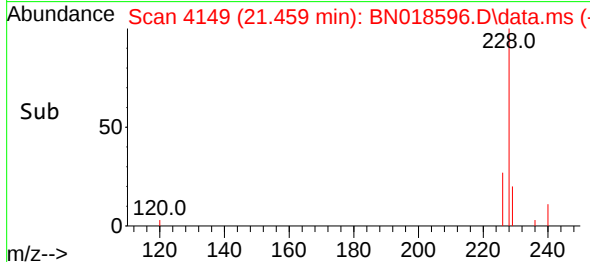
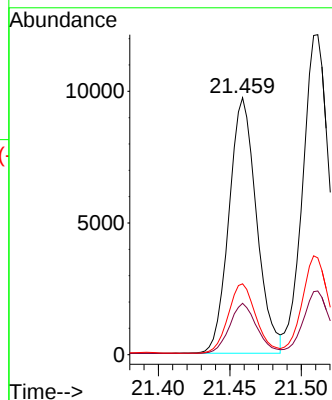
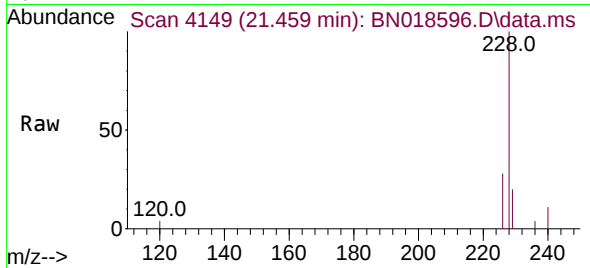




#21
Benzo(a)anthracene
Concen: 0.403 ng/ul
RT: 21.459 min Scan# 4149
Delta R.T. 0.005 min
Lab File: BN018596.D
Acq: 11 Feb 2022 15:27

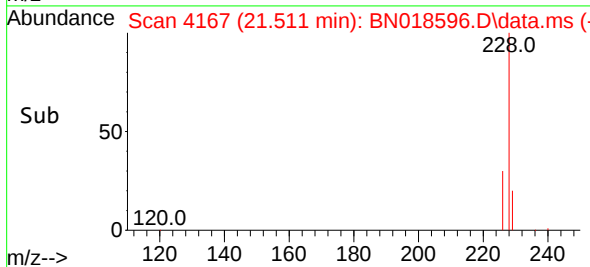
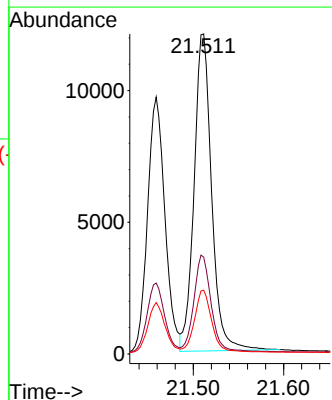
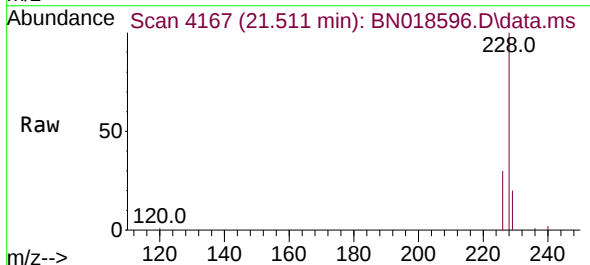
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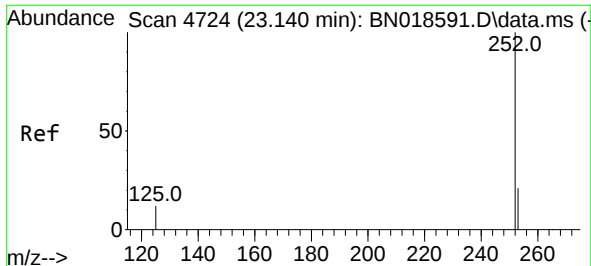
Tgt Ion:228 Resp: 13009
Ion Ratio Lower Upper
228 100
229 20.0 15.6 23.4
226 27.6 22.1 33.1



#22
Chrysene
Concen: 0.417 ng/ul
RT: 21.511 min Scan# 4167
Delta R.T. 0.005 min
Lab File: BN018596.D
Acq: 11 Feb 2022 15:27

Tgt Ion:228 Resp: 16231
Ion Ratio Lower Upper
228 100
226 30.2 24.2 36.4
229 19.9 15.7 23.5

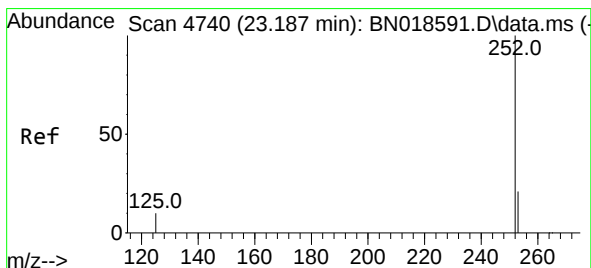
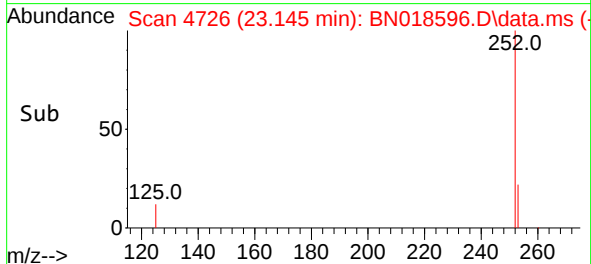
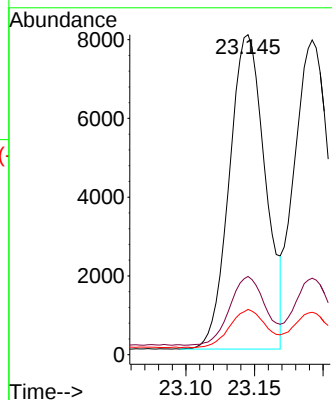
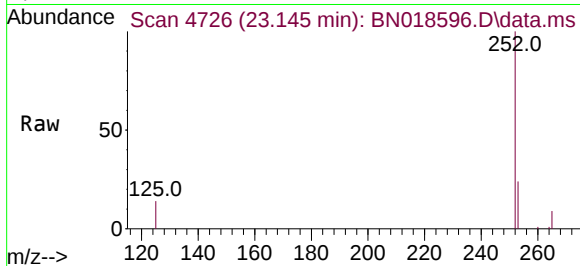




#24
Benzo(b)fluoranthene
Concen: 0.422 ng/ul
RT: 23.145 min Scan# 4726
Delta R.T. 0.005 min
Lab File: BN018596.D
Acq: 11 Feb 2022 15:27

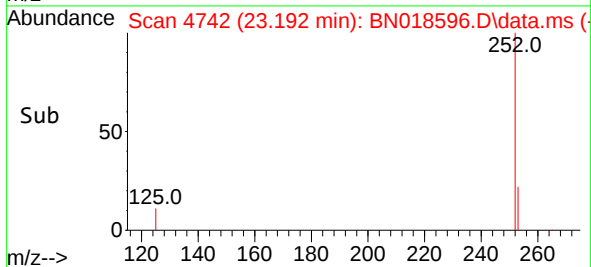
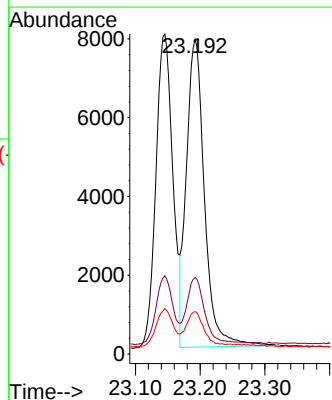
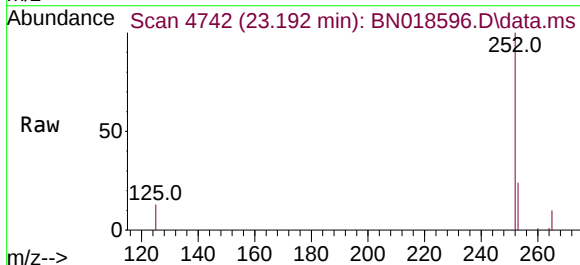
Instrument :
BNA_N
ClientSampleId :
SICV201

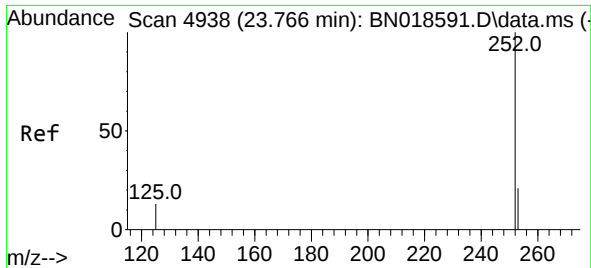
Tgt Ion:252 Resp: 14549
Ion Ratio Lower Upper
252 100
253 24.4 0.0 46.4
125 14.1 0.0 17.8



#25
Benzo(k)fluoranthene
Concen: 0.420 ng/ul
RT: 23.192 min Scan# 4742
Delta R.T. 0.005 min
Lab File: BN018596.D
Acq: 11 Feb 2022 15:27

Tgt Ion:252 Resp: 15150
Ion Ratio Lower Upper
252 100
253 24.3 18.6 28.0
125 13.5 7.3 10.9#

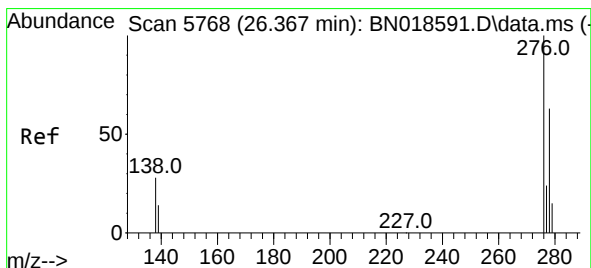
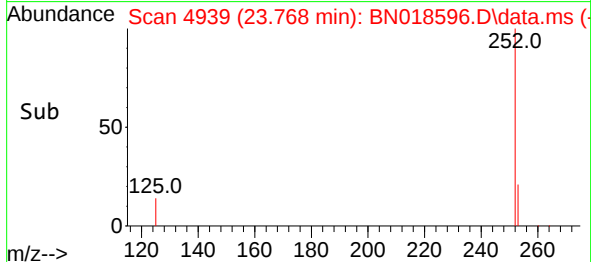
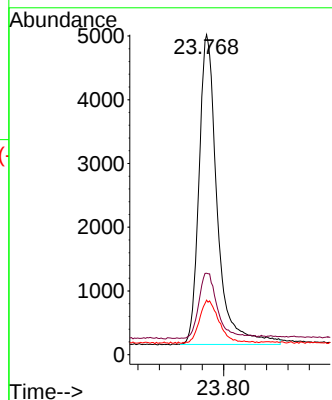
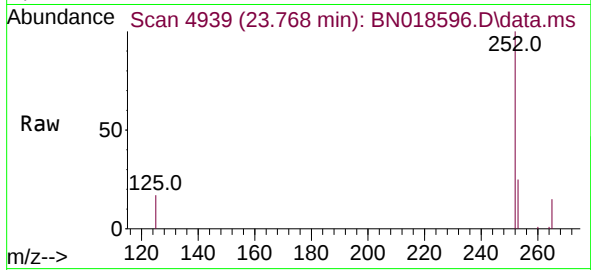




#26
Benzo(a)pyrene
Concen: 0.412 ng/ul
RT: 23.768 min Scan# 4938
Delta R.T. 0.002 min
Lab File: BN018596.D
Acq: 11 Feb 2022 15:27

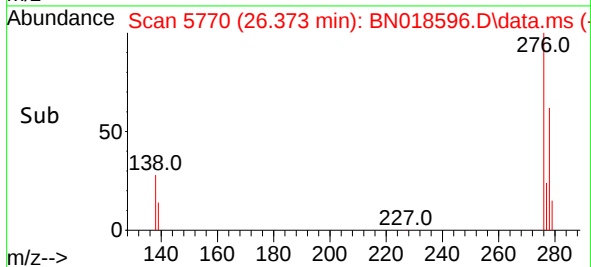
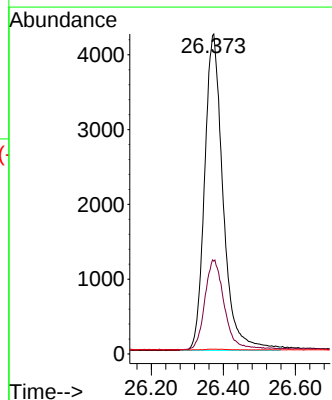
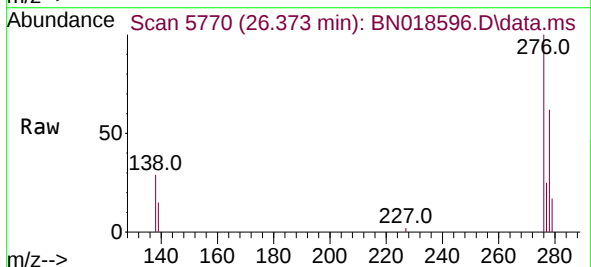
Instrument :
BNA_N
ClientSampleId :
SICV201

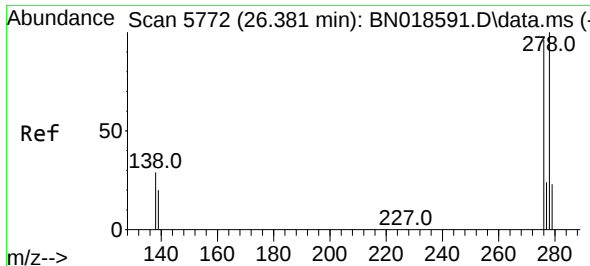
Tgt Ion:252 Resp: 11458
Ion Ratio Lower Upper
252 100
253 25.5 18.9 28.3
125 17.0 8.2 12.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.407 ng/ul
RT: 26.373 min Scan# 5770
Delta R.T. 0.006 min
Lab File: BN018596.D
Acq: 11 Feb 2022 15:27

Tgt Ion:276 Resp: 15077
Ion Ratio Lower Upper
276 100
138 30.2 16.5 24.7#
227 0.1 0.1 0.1#

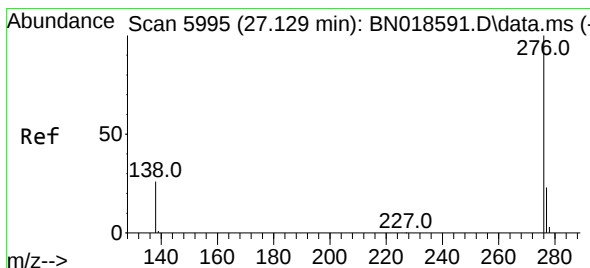
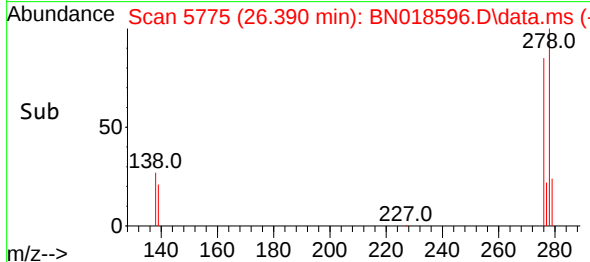
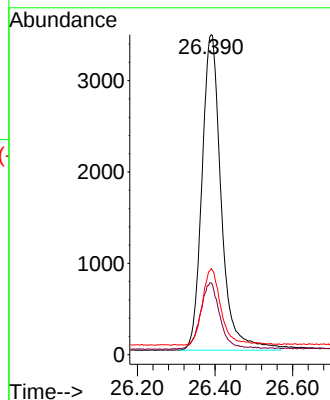
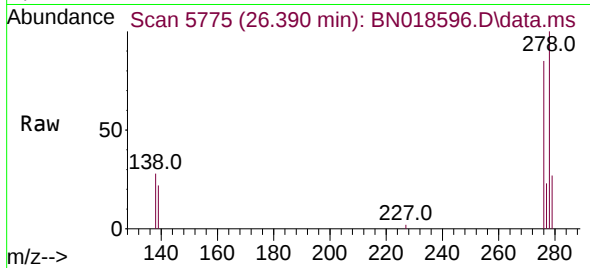




#28
Dibenzo(a,h)anthracene
Concen: 0.405 ng/ul
RT: 26.390 min Scan# 51
Delta R.T. 0.009 min
Lab File: BN018596.D
Acq: 11 Feb 2022 15:27

Instrument :
BNA_N
ClientSampleId :
SICV201

Tgt Ion:278 Resp: 11901
Ion Ratio Lower Upper
278 100
139 22.4 11.9 17.9#
279 26.9 19.5 29.3



#29
Benzo(g,h,i)perylene
Concen: 0.414 ng/ul
RT: 27.134 min Scan# 5997
Delta R.T. 0.006 min
Lab File: BN018596.D
Acq: 11 Feb 2022 15:27

Tgt Ion:276 Resp: 13037
Ion Ratio Lower Upper
276 100
138 26.3 14.4 21.6#
277 24.4 19.2 28.8

