

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092122\
 Data File : BN021890.D
 Acq On : 23 Sep 2022 07:54
 Operator : CG/JU
 Sample : N4706-09
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB8L6

Quant Time: Sep 23 08:24:48 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 20 00:20:21 2022
 Response via : Initial Calibration

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

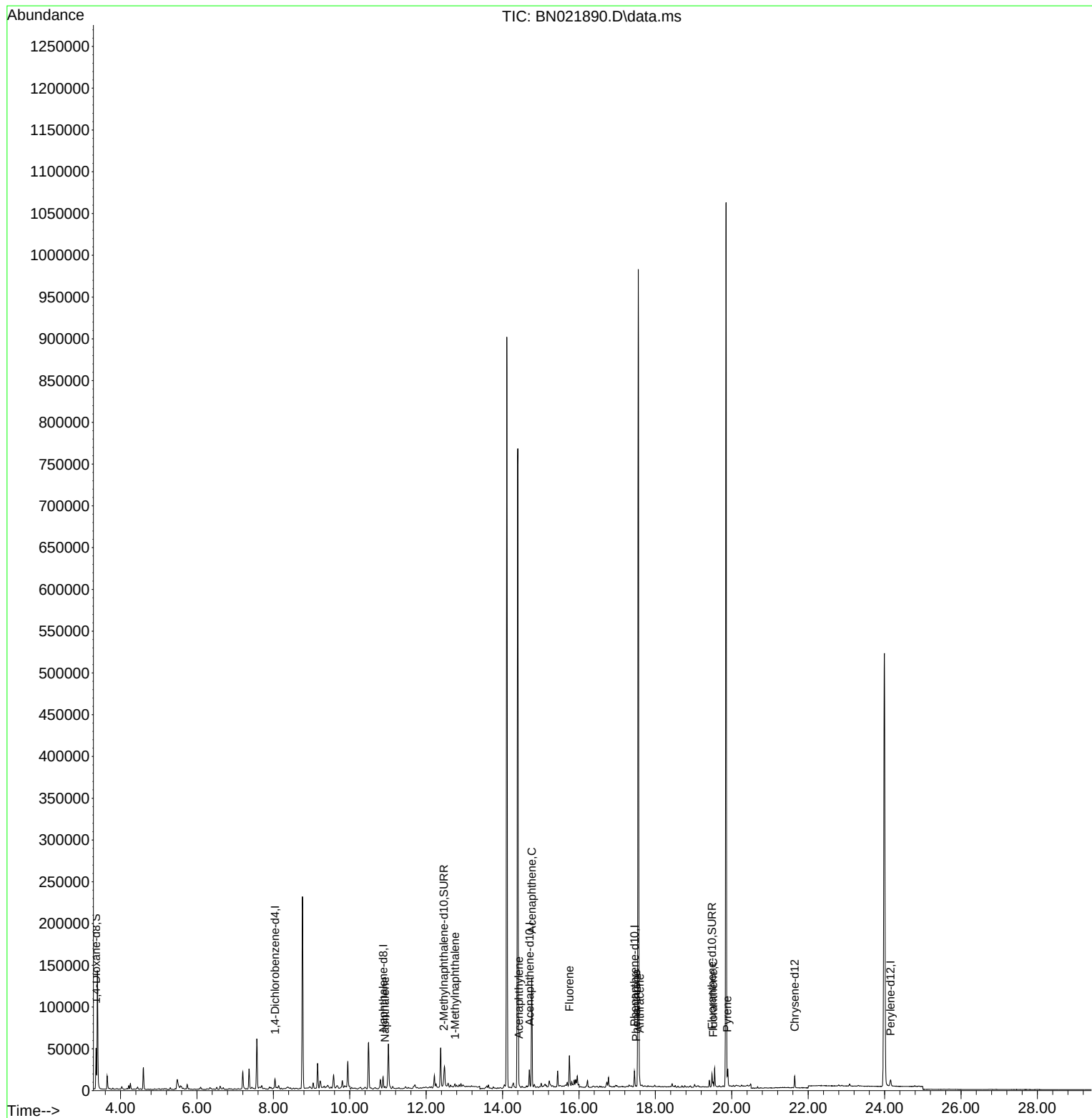
Internal Standards					
1) 1,4-Dichlorobenzene-d4	8.042	152	5712	0.400 ng/ul	0.00
4) Naphthalene-d8	10.872	136	18506	0.400 ng/ul	#-0.01
9) Acenaphthene-d10	14.703	164	11239	0.400 ng/ul	# 0.00
13) Phenanthrene-d10	17.451	188	20171	0.400 ng/ul	# 0.00
17) Chrysene-d12	21.647	240	12554	0.400 ng/ul	# 0.00
23) Perylene-d12	24.155	264	11096	0.400 ng/ul	# 0.00
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.359	96	30300	4.312 ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.461	152	8461	0.289 ng/ul	-0.01
18) Fluoranthene-d10	19.483	212	15799	0.338 ng/ul	0.00
Target Compounds					
					Qvalue
5) Naphthalene	10.922	128	2085	0.040 ng/ul#	62
8) 1-Methylnaphthalene	12.753	142	1471	0.042 ng/ul	88
10) Acenaphthylene	14.430	152	2225	0.047 ng/ul#	10
11) Acenaphthene	14.763	153	75865	1.897 ng/ul	98
12) Fluorene	15.748	166	22665	0.505 ng/ul	97
15) Phenanthrene	17.493	178	1357	0.021 ng/ul#	1
16) Anthracene	17.586	178	6995	0.132 ng/ul#	69
19) Fluoranthene	19.510	202	4426	0.076 ng/ul#	54
20) Pyrene	19.878	202	2895	0.050 ng/ul#	1

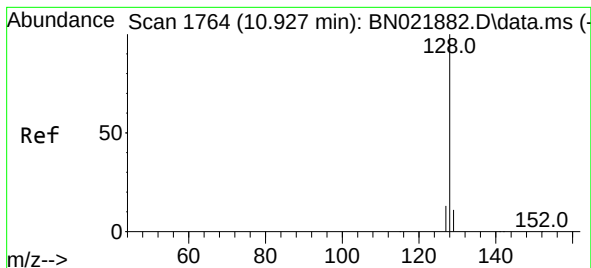
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 20 00:20:21 2022
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.040 ng/ul

RT: 10.922 min Scan# 1763

Delta R.T. -0.011 min

Lab File: BN021890.D

Acq: 23 Sep 2022 07:54

Instrument :

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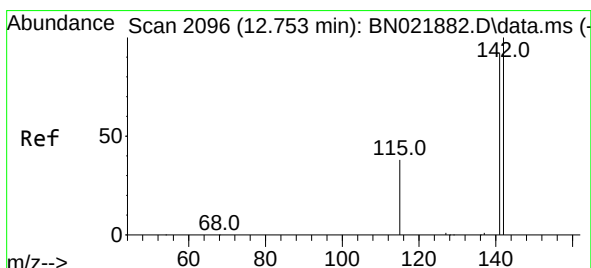
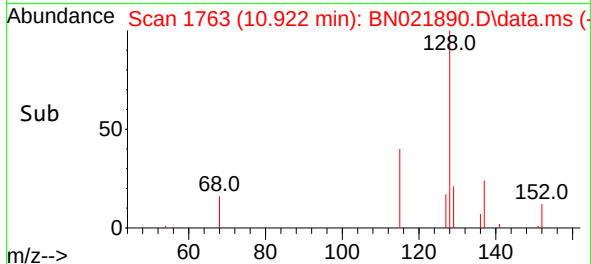
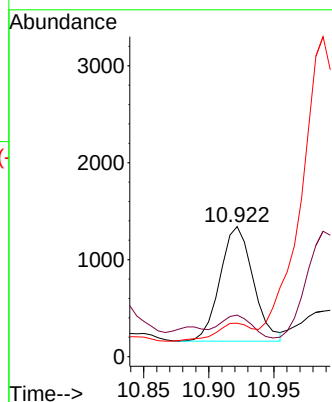
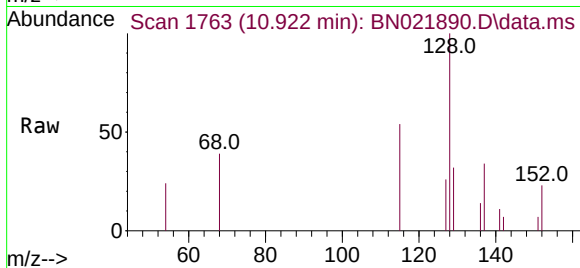
Tgt Ion:128 Resp: 2085

Ion Ratio Lower Upper

128 100

129 31.9 9.8 14.6#

127 25.7 11.6 17.4#



#8

1-Methylnaphthalene

Concen: 0.042 ng/ul

RT: 12.753 min Scan# 2096

Delta R.T. -0.006 min

Lab File: BN021890.D

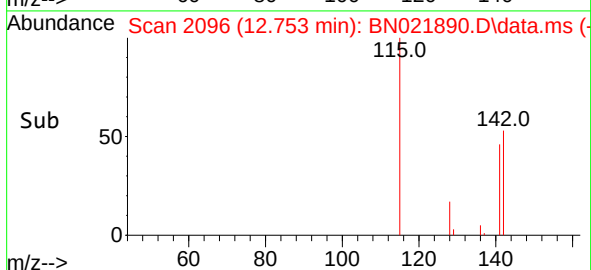
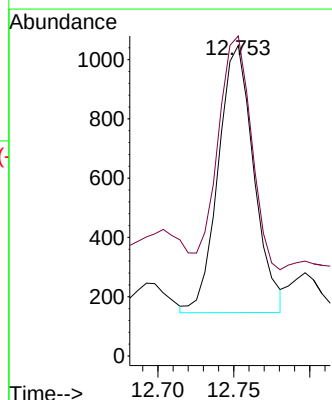
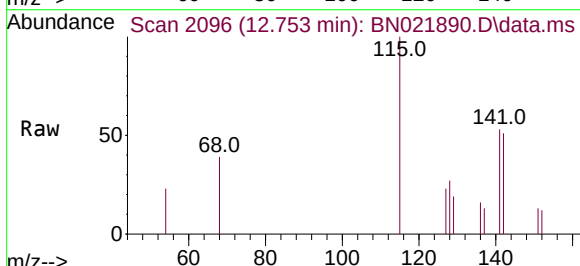
Acq: 23 Sep 2022 07:54

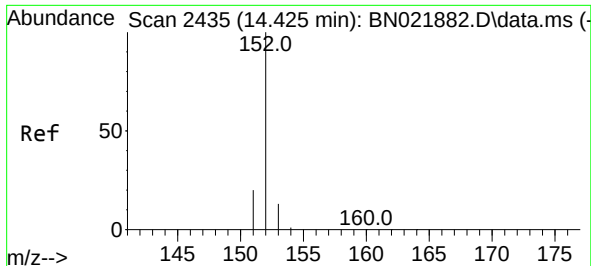
Tgt Ion:142 Resp: 1471

Ion Ratio Lower Upper

142 100

141 80.7 73.9 110.9





#10

Acenaphthylene

Concen: 0.047 ng/ul

RT: 14.430 min Scan# 2435

Delta R.T. -0.000 min

Lab File: BN021890.D

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Instrument :

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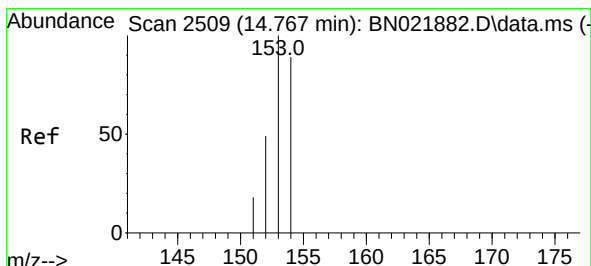
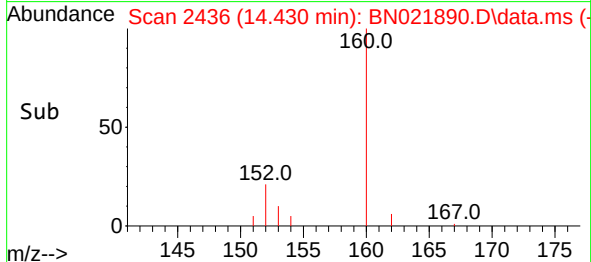
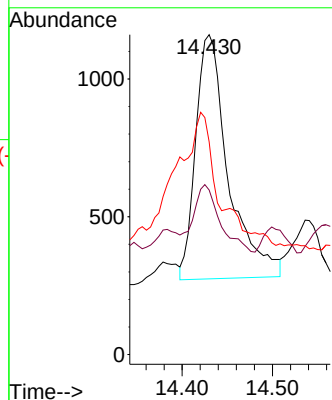
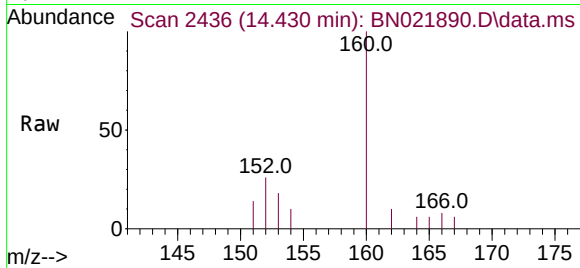
Tgt Ion:152 Resp: 2225

Ion Ratio Lower Upper

152 100

151 51.4 16.9 25.3#

153 66.5 11.2 16.8#



#11

Acenaphthene

Concen: 1.897 ng/ul

RT: 14.763 min Scan# 2508

Delta R.T. -0.009 min

Lab File: BN021890.D

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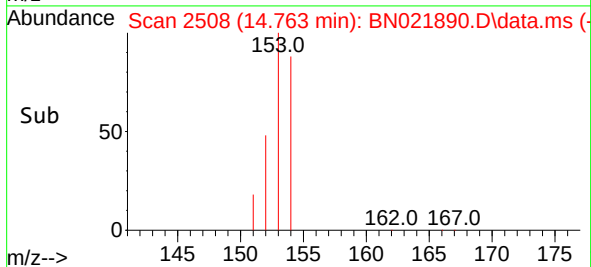
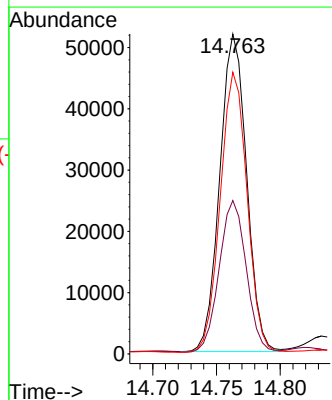
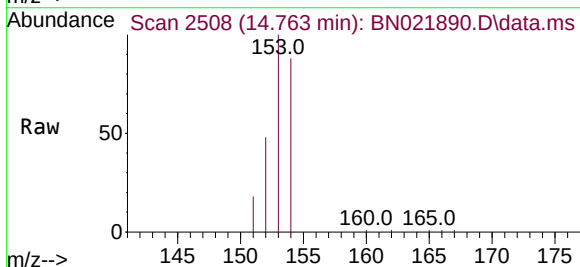
Tgt Ion:153 Resp: 75865

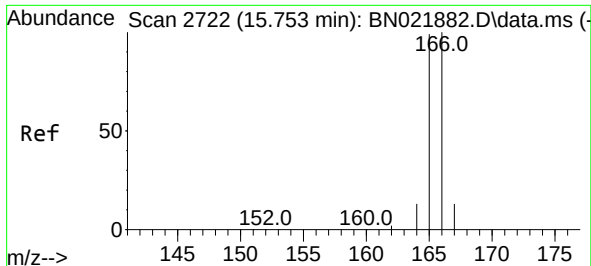
Ion Ratio Lower Upper

153 100

152 47.9 40.2 60.4

154 88.0 70.7 106.1

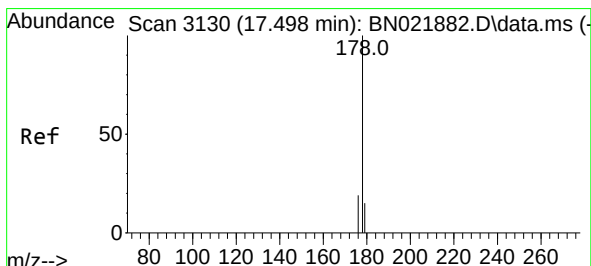
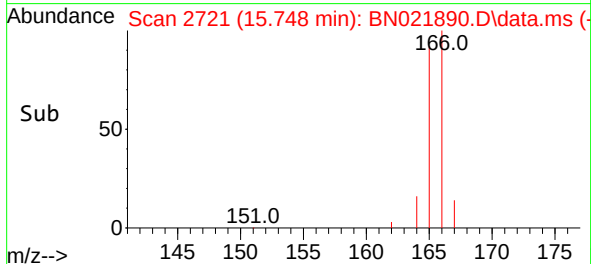
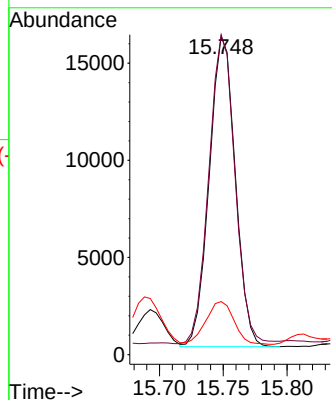
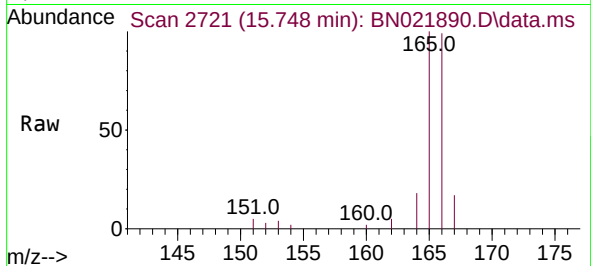




#12
Fluorene
Concen: 0.505 ng/ul
RT: 15.748 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN021890.D
Acq: 23 Sep 2022 07:54

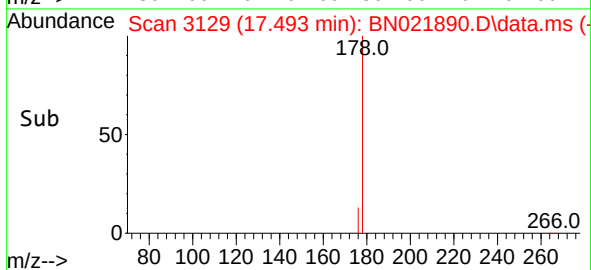
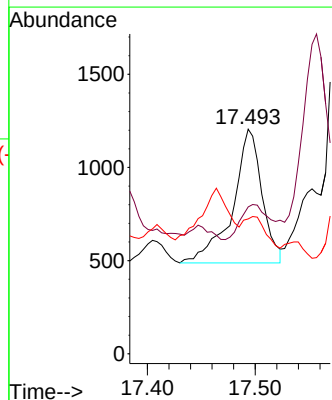
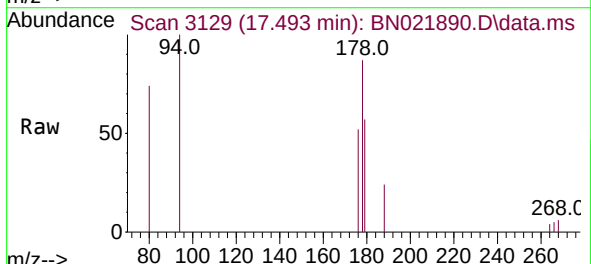
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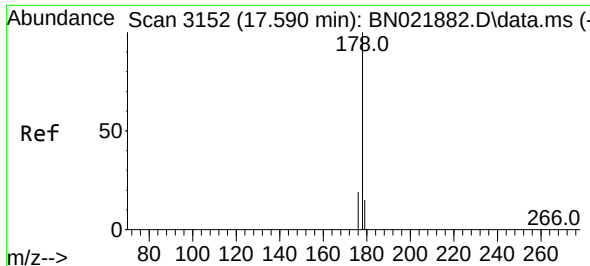
Tgt Ion:166 Resp: 22665
Ion Ratio Lower Upper
166 100
165 100.6 78.6 117.8
167 16.7 11.8 17.6



#15
Phenanthrene
Concen: 0.021 ng/ul
RT: 17.493 min Scan# 3129
Delta R.T. -0.009 min
Lab File: BN021890.D
Acq: 23 Sep 2022 07:54

Tgt Ion:178 Resp: 1357
Ion Ratio Lower Upper
178 100
179 65.3 12.8 19.2#
176 60.0 15.9 23.9#

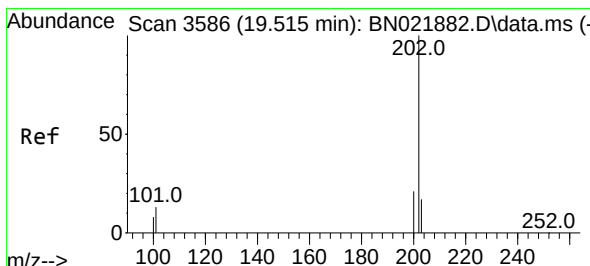
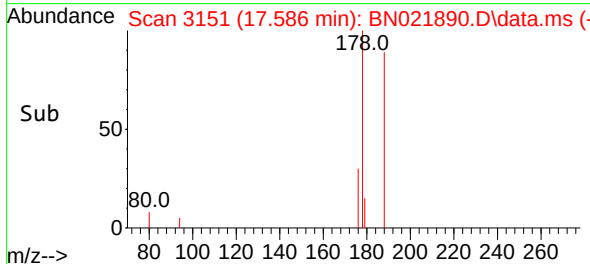
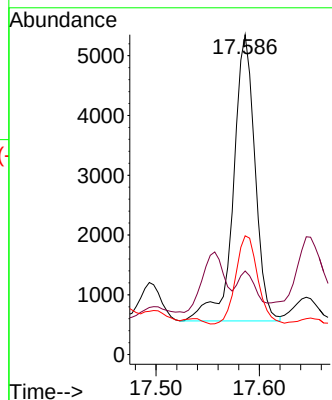
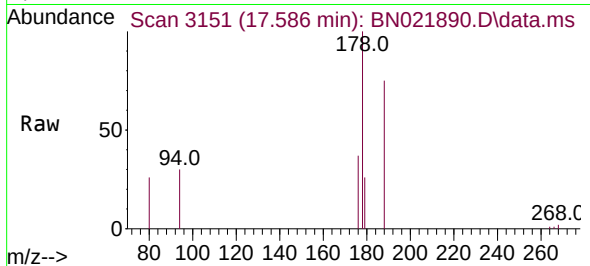




#16
 Anthracene
 Concen: 0.132 ng/ul
 RT: 17.586 min Scan# 3152
 Delta R.T. -0.009 min
 Lab File: BN021890.D
 Acq: 23 Sep 2022 07:54

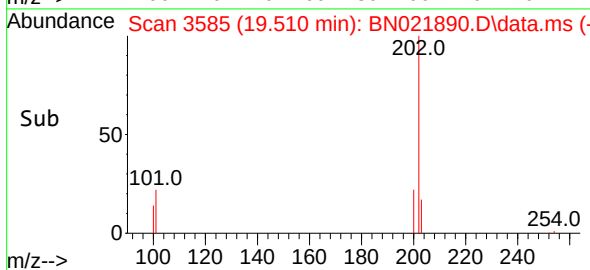
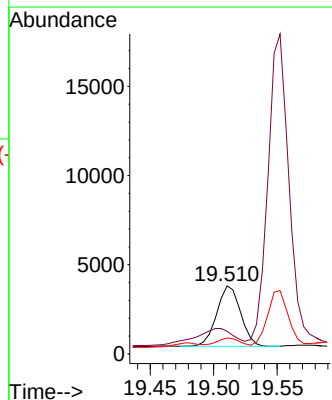
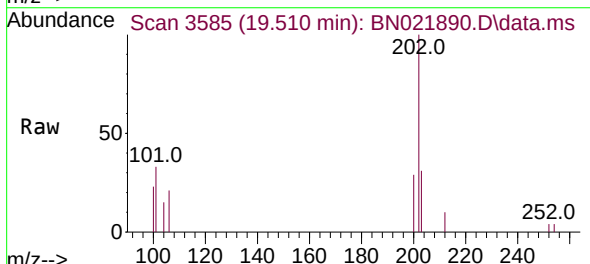
Instrument :
 BNA_N
 ClientSampleId :
 CB8L6

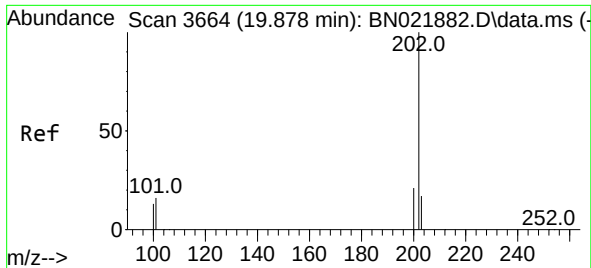
Tgt Ion:178 Resp: 6995
 Ion Ratio Lower Upper
 178 100
 179 26.1 12.9 19.3#
 176 37.1 15.9 23.9#



#19
 Fluoranthene
 Concen: 0.076 ng/ul
 RT: 19.510 min Scan# 3585
 Delta R.T. -0.005 min
 Lab File: BN021890.D
 Acq: 23 Sep 2022 07:54

Tgt Ion:202 Resp: 4426
 Ion Ratio Lower Upper
 202 100
 101 33.3 10.0 15.0#
 100 23.5 8.0 12.0#





#20
 Pyrene
 Concen: 0.050 ng/ul
 RT: 19.878 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: BN021890.D
 Acq: 23 Sep 2022 07:54

Instrument :
 BNA_N
 ClientSampleId :
 CB8L6

Tgt Ion:202 Resp: 2895
 Ion Ratio Lower Upper
 202 100
 101 58.2 11.3 16.9#
 100 50.6 9.0 13.4#

