

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092122\
 Data File : BN021880.D
 Acq On : 23 Sep 2022 01:02
 Operator : CG/JU
 Sample : N4707-06
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 23 02:13:25 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)

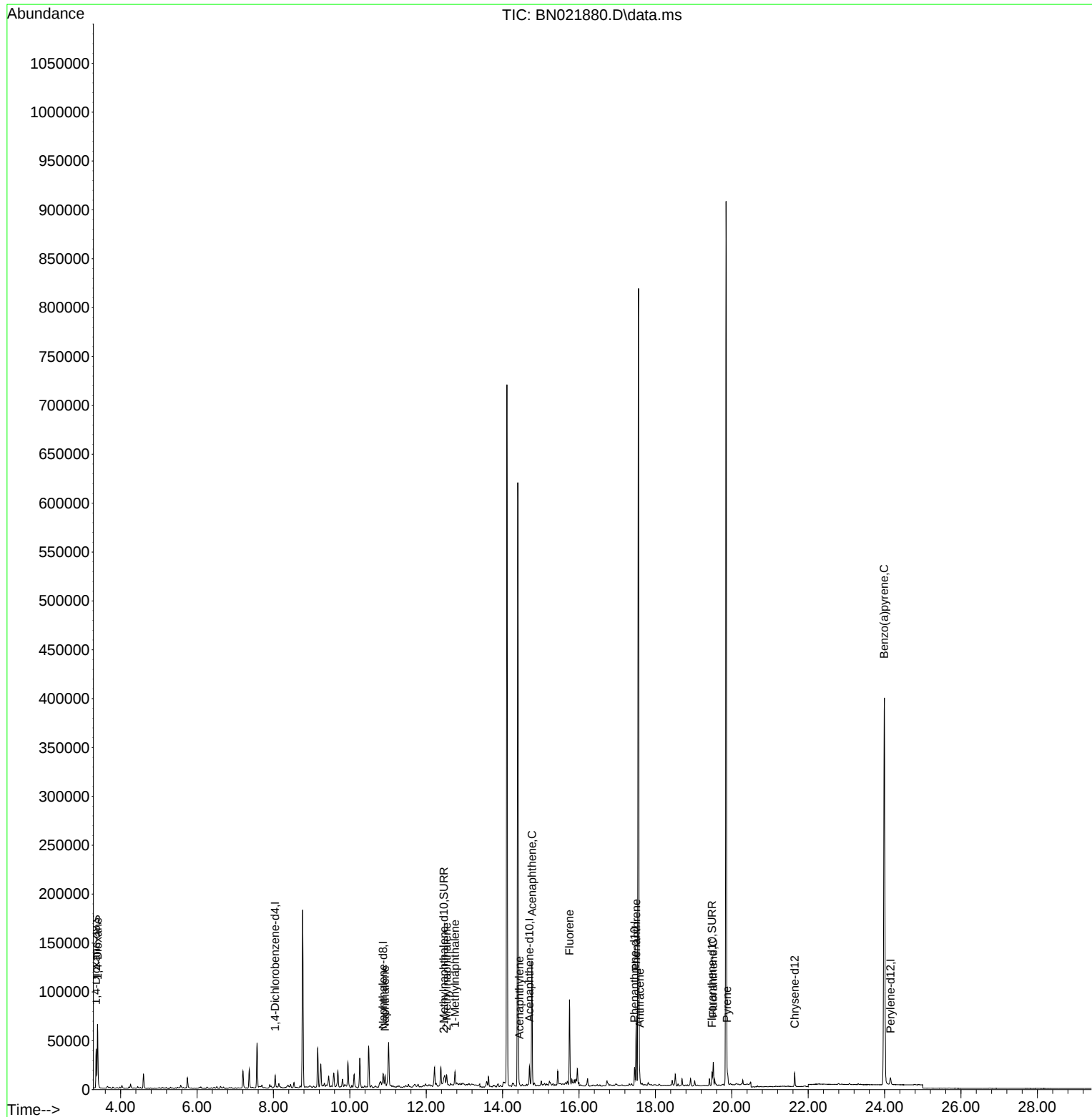
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	5578	0.400	ng/ul	0.00
4) Naphthalene-d8	10.872	136	18223	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.703	164	11279	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.455	188	20631	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.647	240	12506	0.400	ng/ul	# 0.00
23) Perylene-d12	24.155	264	10194	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.359	96	26137	3.809	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.461	152	6525	0.226	ng/ul	-0.01
18) Fluoranthene-d10	19.483	212	13347	0.287	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.397	88	45407	6.451	ng/ul#	85
5) Naphthalene	10.922	128	13084	0.255	ng/ul#	88
7) 2-Methylnaphthalene	12.538	142	7979	0.239	ng/ul	100
8) 1-Methylnaphthalene	12.753	142	8502	0.248	ng/ul	96
10) Acenaphthylene	14.439	152	2010	0.042	ng/ul#	28
11) Acenaphthene	14.767	153	72686	1.811	ng/ul	99
12) Fluorene	15.753	166	52650	1.169	ng/ul	99
15) Phenanthrene	17.498	178	75595	1.162	ng/ul	100
16) Anthracene	17.590	178	10406	0.193	ng/ul#	83
19) Fluoranthene	19.515	202	11908	0.204	ng/ul#	1
20) Pyrene	19.878	202	8273	0.144	ng/ul#	70
26) Benzo(a)pyrene	23.991	252	2277	0.061	ng/ul#	1

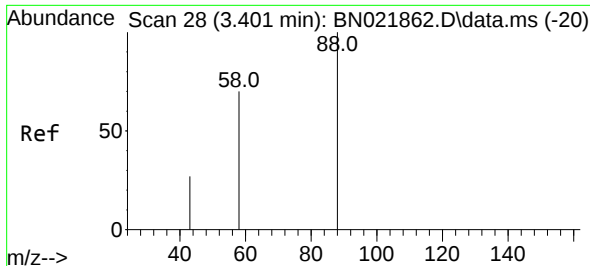
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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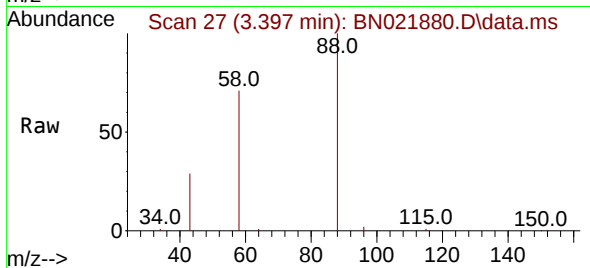
Quant Time: Sep 23 02:13:25 2022
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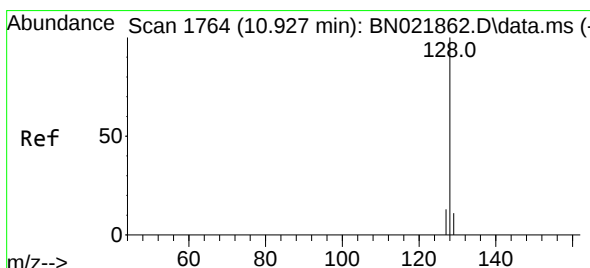
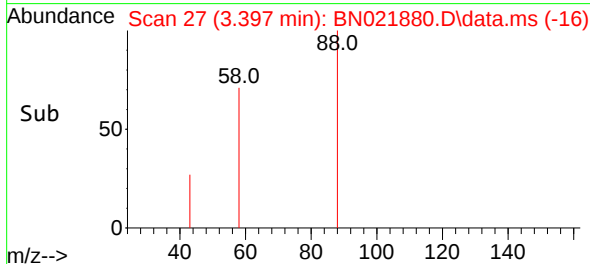
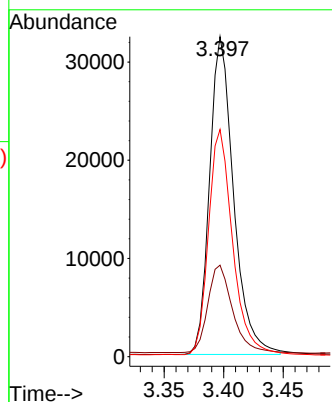


#2
1,4-Dioxane
Concen: 6.451 ng/ul
RT: 3.397 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN021880.D
Acq: 23 Sep 2022 01:02

Instrument :
BNA_N
ClientSampleId :

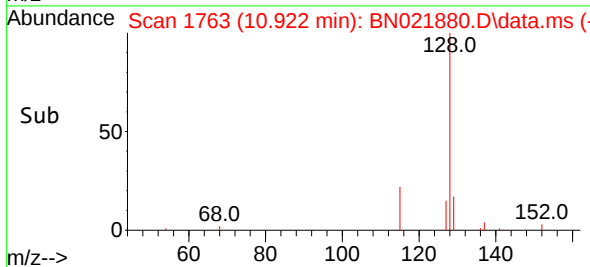
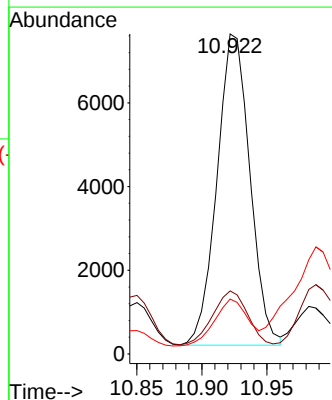
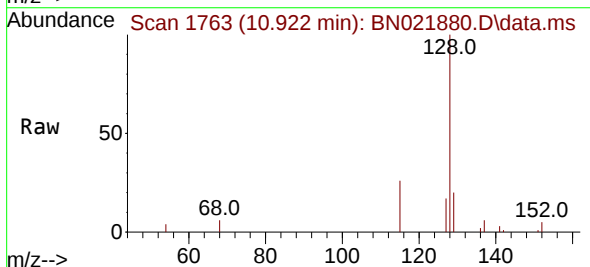


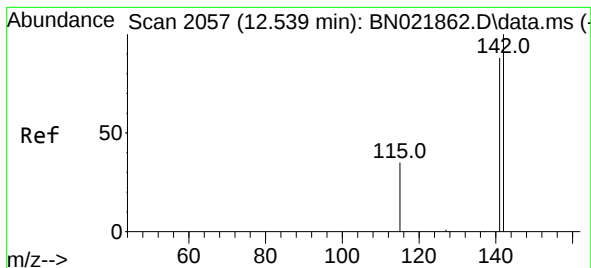
Tgt Ion: 88 Resp: 45407
Ion Ratio Lower Upper
88 100
43 28.6 31.4 47.0#
58 71.0 49.0 73.6



#5
Naphthalene
Concen: 0.255 ng/ul
RT: 10.922 min Scan# 1763
Delta R.T. -0.011 min
Lab File: BN021880.D
Acq: 23 Sep 2022 01:02

Tgt Ion:128 Resp: 13084
Ion Ratio Lower Upper
128 100
129 19.7 9.8 14.6#
127 17.1 11.6 17.4

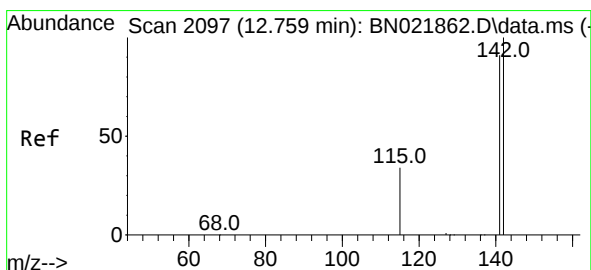
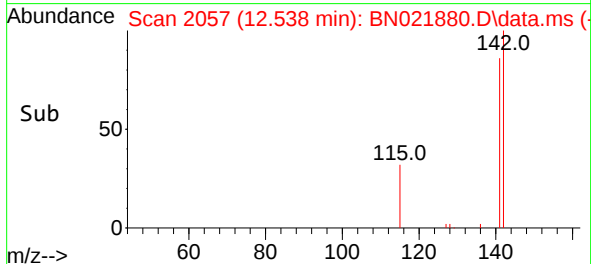
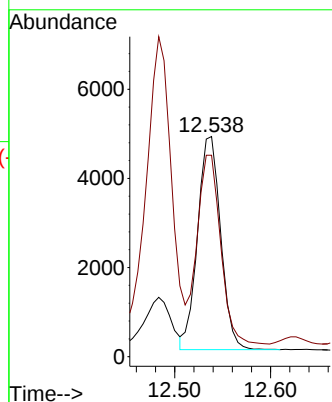
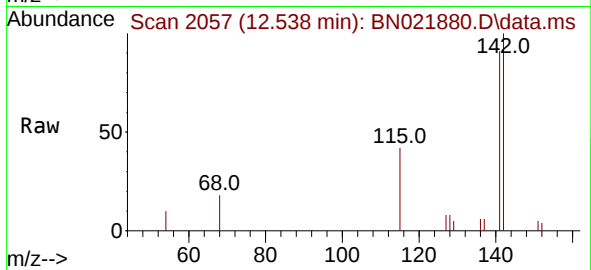




#7
2-Methylnaphthalene
Concen: 0.239 ng/ul
RT: 12.538 min Scan# 2057
Delta R.T. -0.006 min
Lab File: BN021880.D
Acq: 23 Sep 2022 01:02

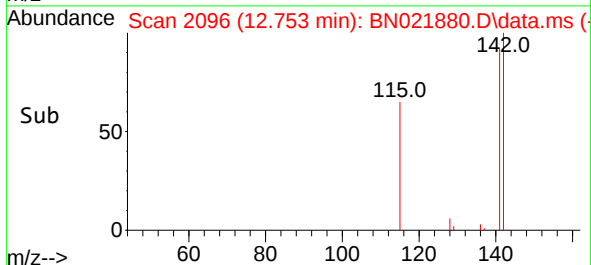
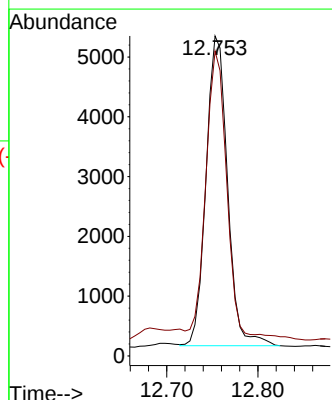
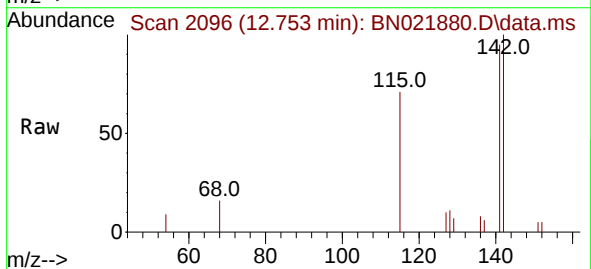
Instrument :
BNA_N
ClientSampleId :

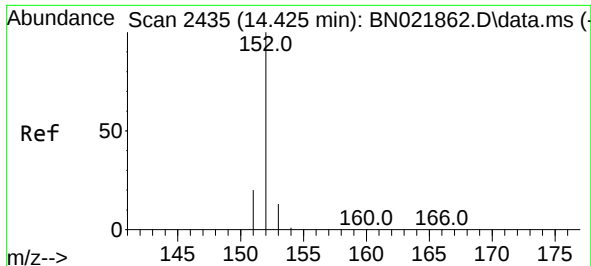
Tgt Ion:142 Resp: 7979
Ion Ratio Lower Upper
142 100
141 89.9 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.248 ng/ul
RT: 12.753 min Scan# 2096
Delta R.T. -0.006 min
Lab File: BN021880.D
Acq: 23 Sep 2022 01:02

Tgt Ion:142 Resp: 8502
Ion Ratio Lower Upper
142 100
141 89.0 73.9 110.9

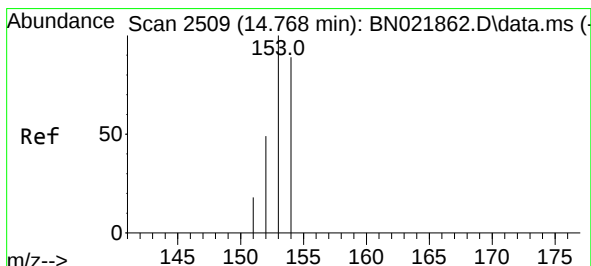
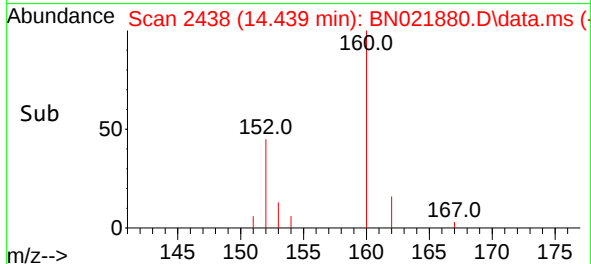
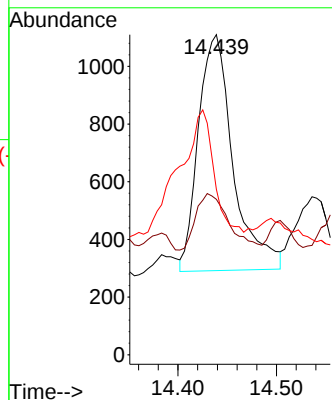
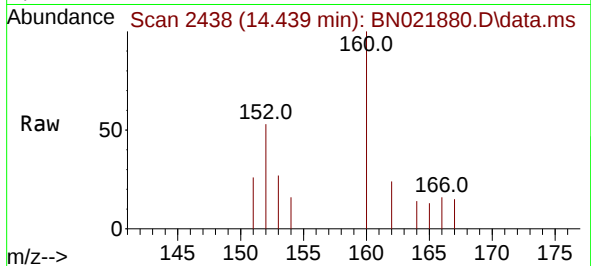




#10
Acenaphthylene
Concen: 0.042 ng/ul
RT: 14.439 min Scan# 2435
Delta R.T. 0.009 min
Lab File: BN021880.D
Acq: 23 Sep 2022 01:02

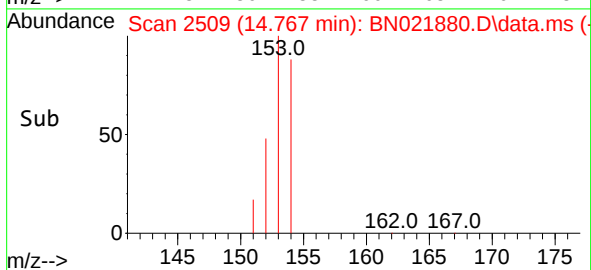
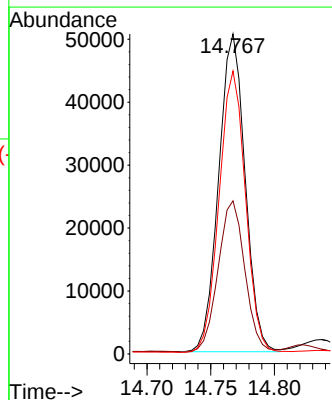
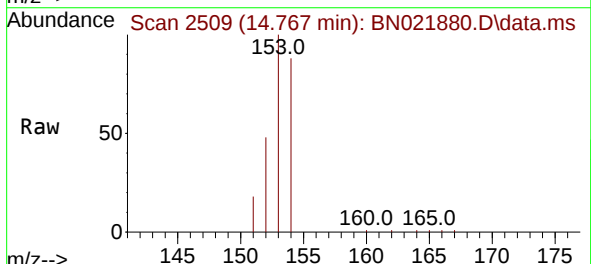
Instrument :
BNA_N
ClientSampleId :

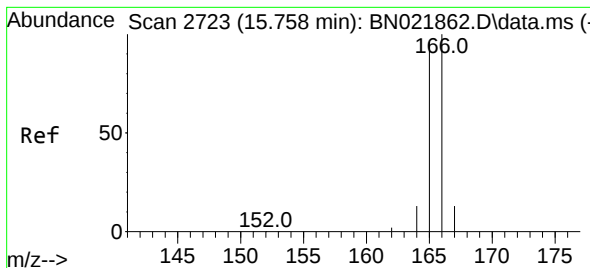
Tgt Ion:152 Resp: 2010
Ion Ratio Lower Upper
152 100
151 48.6 16.9 25.3#
153 51.7 11.2 16.8#



#11
Acenaphthene
Concen: 1.811 ng/ul
RT: 14.767 min Scan# 2509
Delta R.T. -0.005 min
Lab File: BN021880.D
Acq: 23 Sep 2022 01:02

Tgt Ion:153 Resp: 72686
Ion Ratio Lower Upper
153 100
152 47.9 40.2 60.4
154 88.4 70.7 106.1





#12

Fluorene

Concen: 1.169 ng/ul

RT: 15.753 min Scan# 21

Delta R.T. -0.005 min

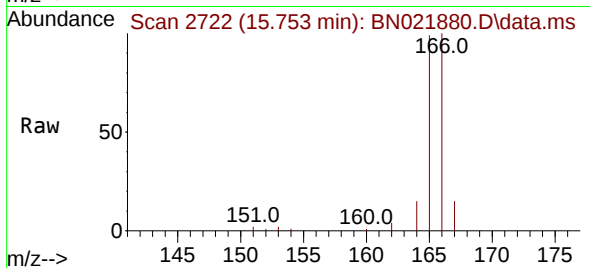
Lab File: BN021880.D

Acq: 23 Sep 2022 01:02

Instrument :

BNA_N

ClientSampleId :



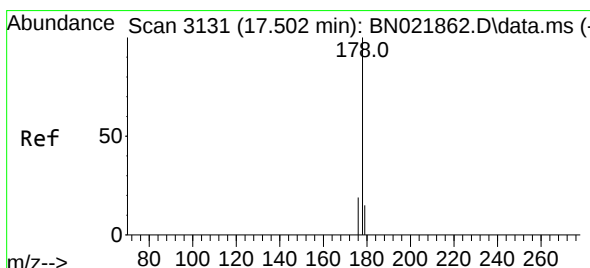
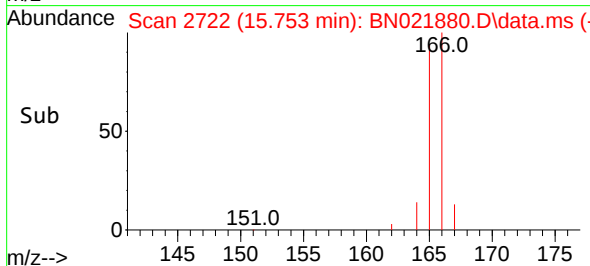
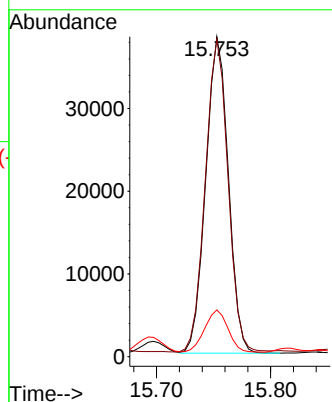
Tgt Ion:166 Resp: 52650

Ion Ratio Lower Upper

166 100

165 99.1 78.6 117.8

167 14.6 11.8 17.6



#15

Phenanthrene

Concen: 1.162 ng/ul

RT: 17.498 min Scan# 3130

Delta R.T. -0.004 min

Lab File: BN021880.D

Acq: 23 Sep 2022 01:02

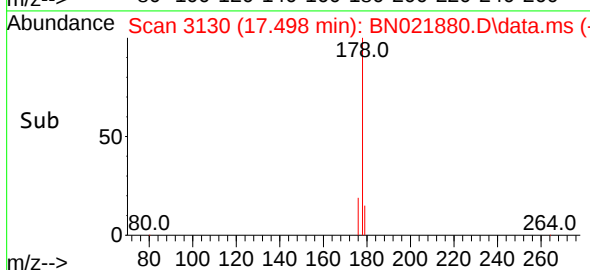
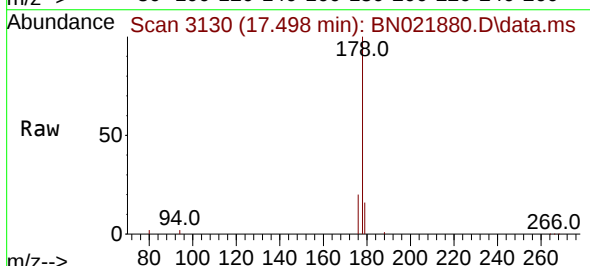
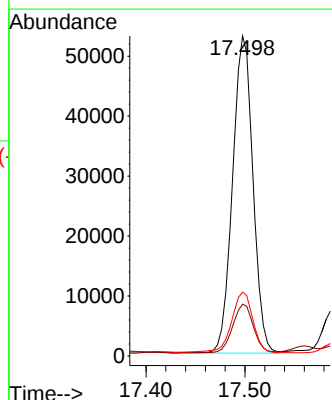
Tgt Ion:178 Resp: 75595

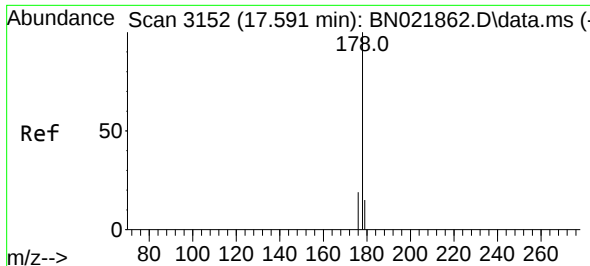
Ion Ratio Lower Upper

178 100

179 16.2 12.8 19.2

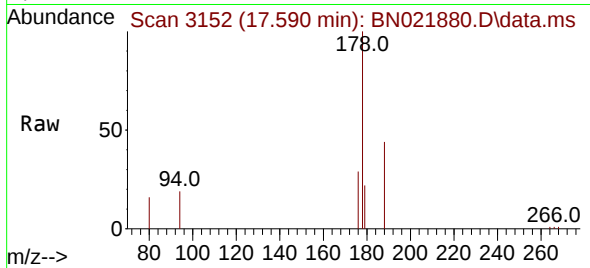
176 19.9 15.9 23.9



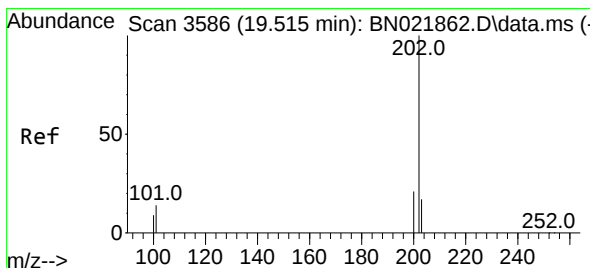
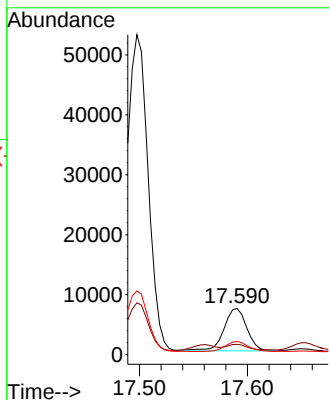
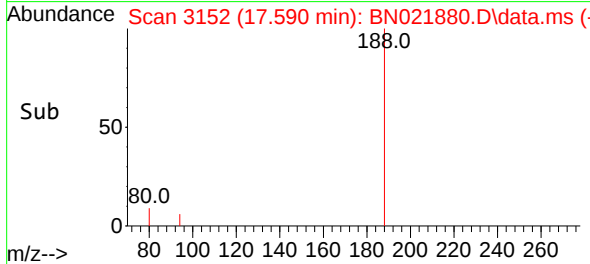


#16
 Anthracene
 Concen: 0.193 ng/ul
 RT: 17.590 min Scan# 3152
 Delta R.T. -0.004 min
 Lab File: BN021880.D
 Acq: 23 Sep 2022 01:02

Instrument :
 BNA_N
 ClientSampleId :

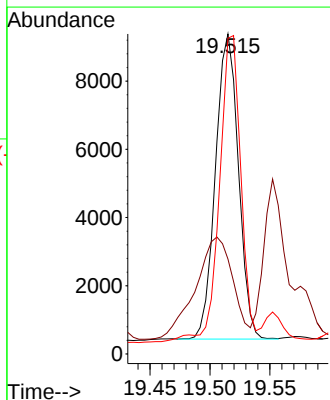
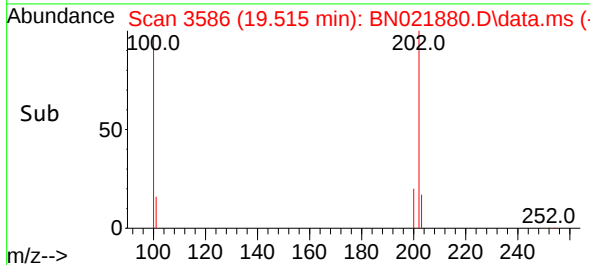
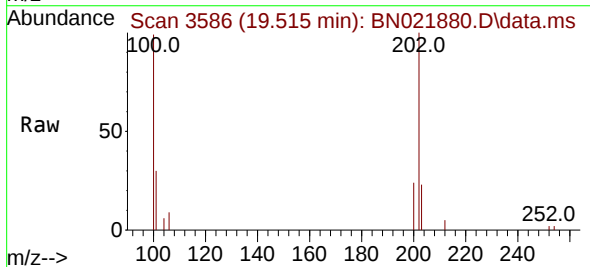


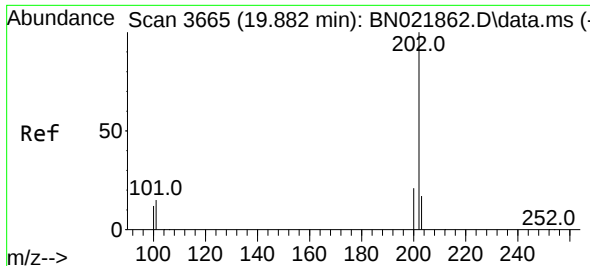
Tgt Ion:178 Resp: 10406
 Ion Ratio Lower Upper
 178 100
 179 22.4 12.9 19.3#
 176 28.8 15.9 23.9#



#19
 Fluoranthene
 Concen: 0.204 ng/ul
 RT: 19.515 min Scan# 3586
 Delta R.T. -0.000 min
 Lab File: BN021880.D
 Acq: 23 Sep 2022 01:02

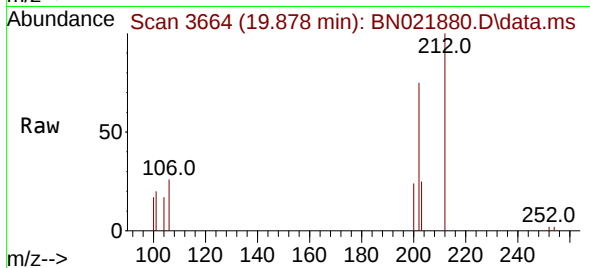
Tgt Ion:202 Resp: 11908
 Ion Ratio Lower Upper
 202 100
 101 29.6 10.0 15.0#
 100 98.7 8.0 12.0#



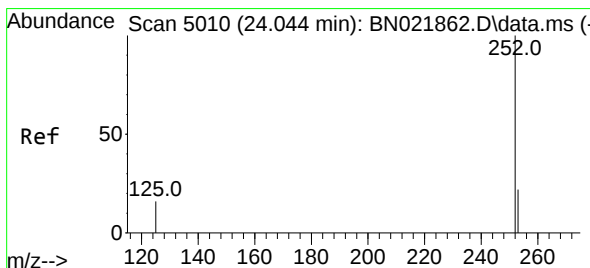
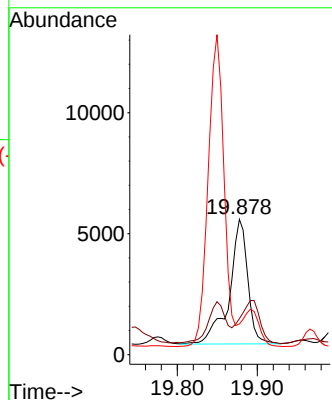
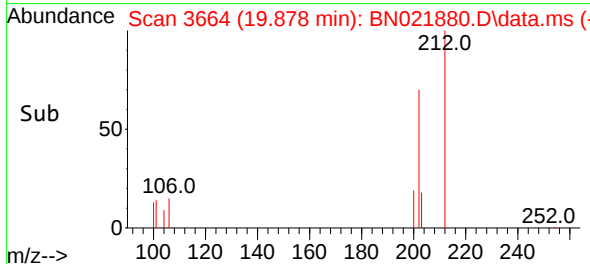


#20
Pyrene
Concen: 0.144 ng/ul
RT: 19.878 min Scan# 3665
Delta R.T. -0.000 min
Lab File: BN021880.D
Acq: 23 Sep 2022 01:02

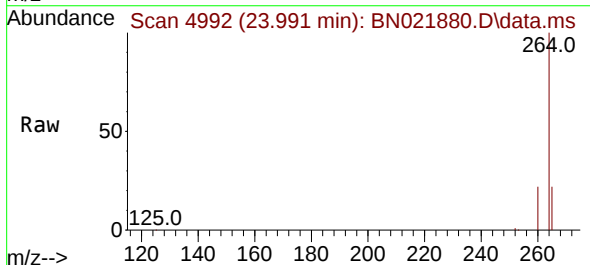
Instrument :
BNA_N
ClientSampleId :



Tgt Ion:202 Resp: 8273
Ion Ratio Lower Upper
202 100
101 26.6 11.3 16.9#
100 22.7 9.0 13.4#



#26
Benzo(a)pyrene
Concen: 0.061 ng/ul
RT: 23.991 min Scan# 4992
Delta R.T. -0.050 min
Lab File: BN021880.D
Acq: 23 Sep 2022 01:02



Tgt Ion:252 Resp: 2277
Ion Ratio Lower Upper
252 100
253 70.7 22.1 33.1#
125 75.2 14.7 22.1#

