

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092122\
 Data File : BN021875.D
 Acq On : 22 Sep 2022 21:50
 Operator : CG/JU
 Sample : N4706-03
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB8K3

Quant Time: Sep 23 02:12:15 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)

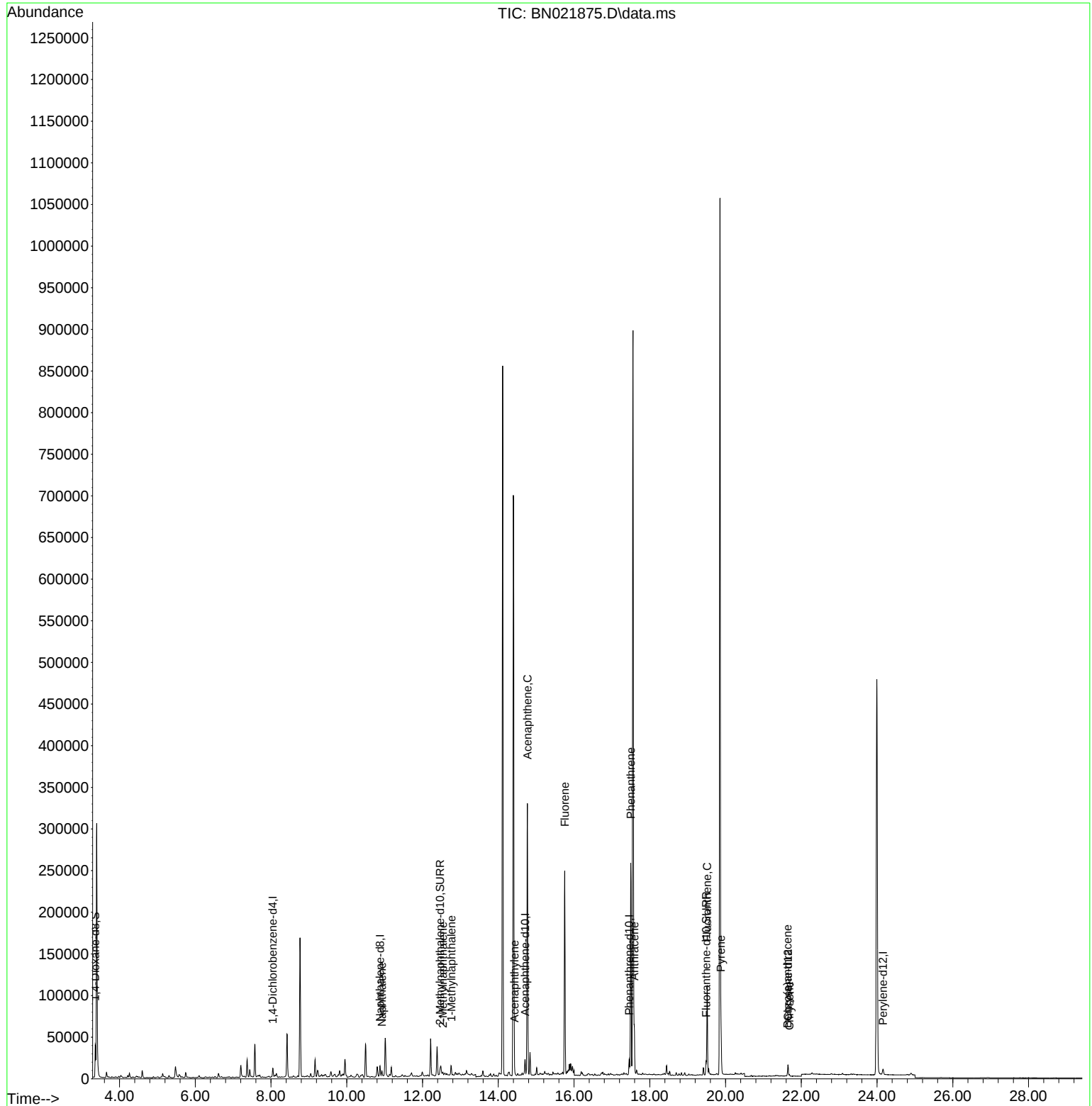
Internal Standards					
1) 1,4-Dichlorobenzene-d4	8.046	152	5104	0.400 ng/ul	0.00
4) Naphthalene-d8	10.878	136	17058	0.400 ng/ul	# 0.00
9) Acenaphthene-d10	14.707	164	10495	0.400 ng/ul	# 0.00
13) Phenanthrene-d10	17.455	188	19663	0.400 ng/ul	# 0.00
17) Chrysene-d12	21.650	240	12158	0.400 ng/ul	# 0.00
23) Perylene-d12	24.155	264	9748	0.400 ng/ul	# 0.00
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.359	96	25437	4.051 ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.461	152	7270	0.269 ng/ul	-0.01
18) Fluoranthene-d10	19.487	212	15615	0.345 ng/ul	0.00
Target Compounds					
					Qvalue
5) Naphthalene	10.927	128	8512	0.177 ng/ul#	94
7) 2-Methylnaphthalene	12.538	142	2457	0.079 ng/ul	99
8) 1-Methylnaphthalene	12.758	142	7050	0.220 ng/ul	99
10) Acenaphthylene	14.430	152	3664	0.083 ng/ul#	46
11) Acenaphthene	14.768	153	185890	4.978 ng/ul	98
12) Fluorene	15.753	166	147323	3.517 ng/ul	100
15) Phenanthrene	17.498	178	266263	4.293 ng/ul	99
16) Anthracene	17.591	178	56060	1.089 ng/ul	99
19) Fluoranthene	19.515	202	87611	1.544 ng/ul	96
20) Pyrene	19.878	202	46929	0.838 ng/ul#	92
21) Benzo(a)anthracene	21.632	228	2270	0.056 ng/ul#	61
22) Chrysene	21.685	228	2291	0.052 ng/ul#	53

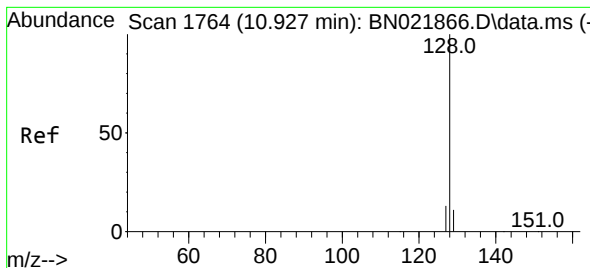
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#5

Naphthalene

Concen: 0.177 ng/ul

RT: 10.927 min Scan# 1764

Delta R.T. -0.006 min

Lab File: BN021875.D

Acq: 22 Sep 2022 21:50

Instrument :

BNA_N

ClientSampleId :

CB8K3

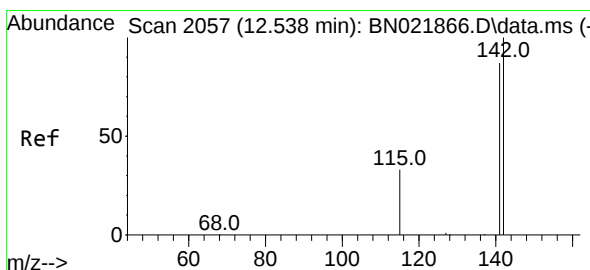
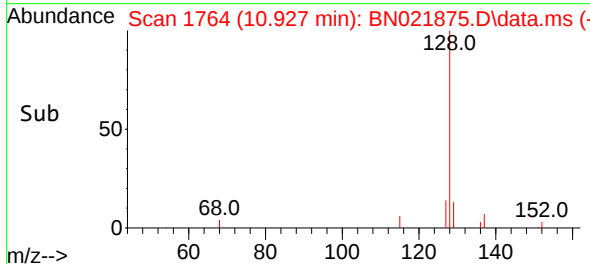
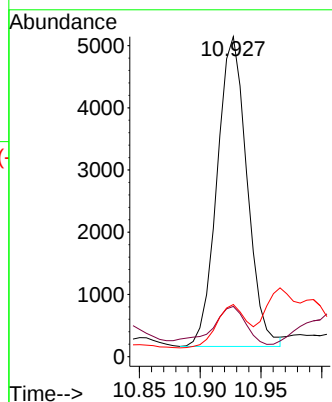
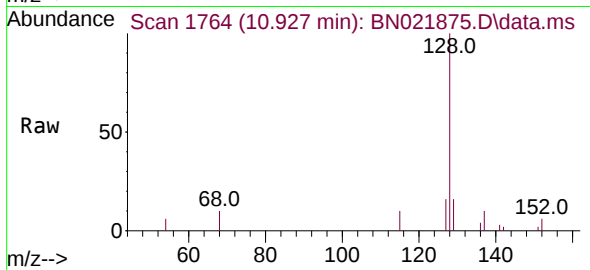
Tgt Ion:128 Resp: 8512

Ion Ratio Lower Upper

128 100

129 15.7 9.8 14.6#

127 16.3 11.6 17.4



#7

2-Methylnaphthalene

Concen: 0.079 ng/ul

RT: 12.538 min Scan# 2057

Delta R.T. -0.006 min

Lab File: BN021875.D

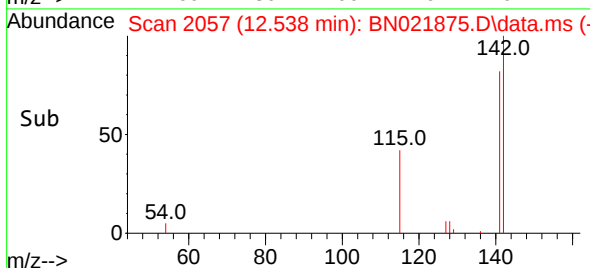
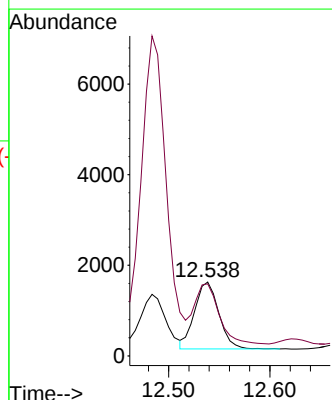
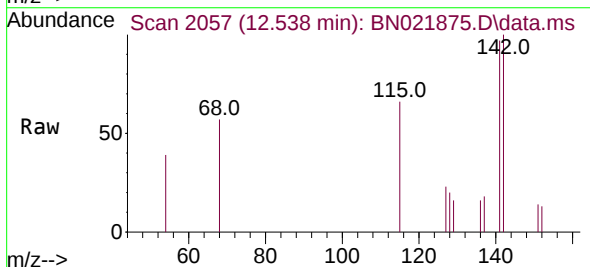
Acq: 22 Sep 2022 21:50

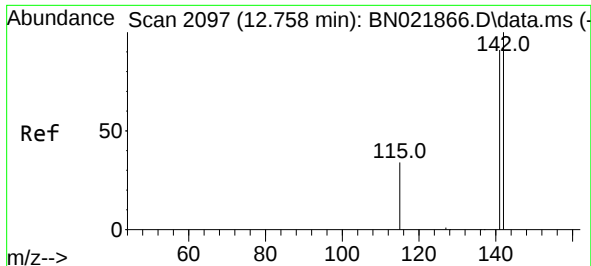
Tgt Ion:142 Resp: 2457

Ion Ratio Lower Upper

142 100

141 91.3 72.2 108.2

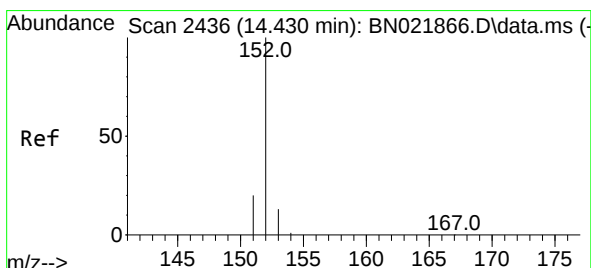
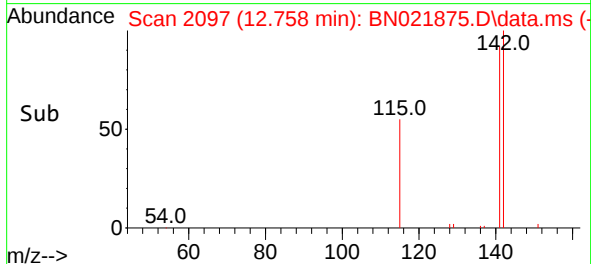
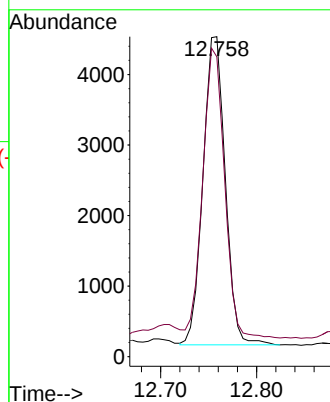
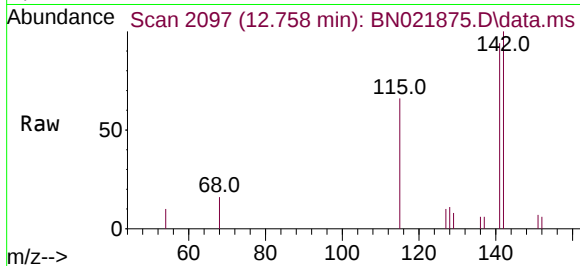




#8
1-Methylnaphthalene
Concen: 0.220 ng/ul
RT: 12.758 min Scan# 2097
Delta R.T. -0.000 min
Lab File: BN021875.D
Acq: 22 Sep 2022 21:50

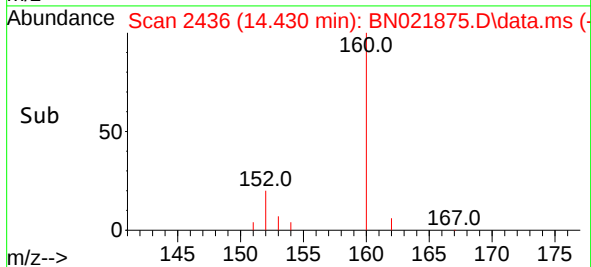
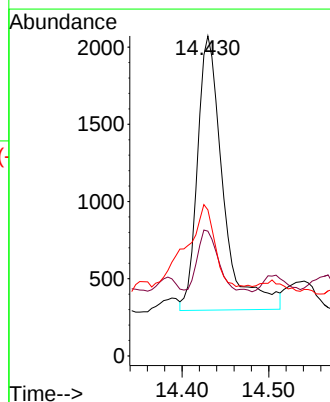
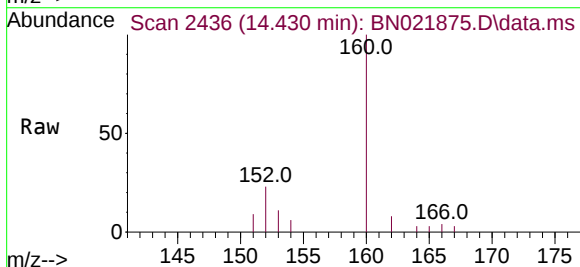
Instrument :
BNA_N
ClientSampleId :
CB8K3

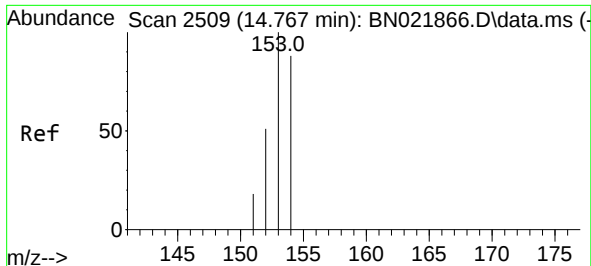
Tgt Ion:142 Resp: 7050
Ion Ratio Lower Upper
142 100
141 91.8 73.9 110.9



#10
Acenaphthylene
Concen: 0.083 ng/ul
RT: 14.430 min Scan# 2436
Delta R.T. -0.000 min
Lab File: BN021875.D
Acq: 22 Sep 2022 21:50

Tgt Ion:152 Resp: 3664
Ion Ratio Lower Upper
152 100
151 39.0 16.9 25.3#
153 45.6 11.2 16.8#

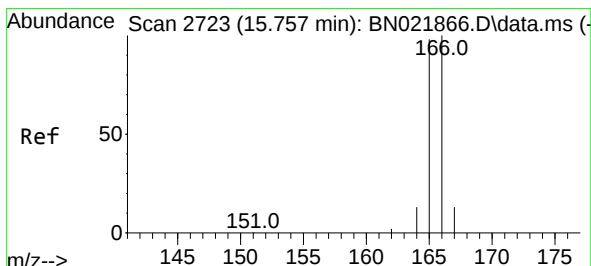
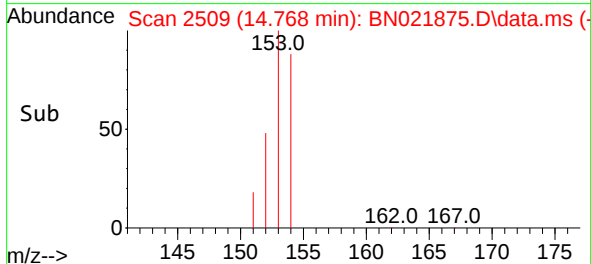
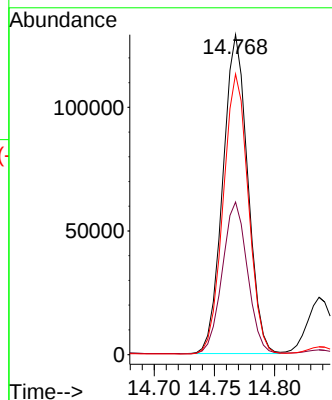
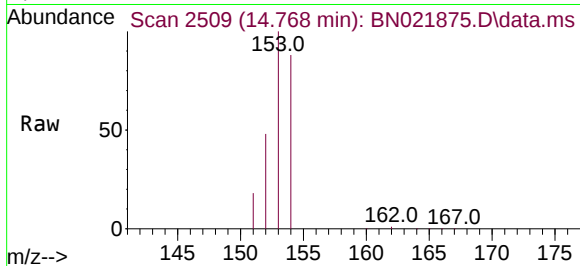




#11
Acenaphthene
Concen: 4.978 ng/ul
RT: 14.768 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN021875.D
Acq: 22 Sep 2022 21:50

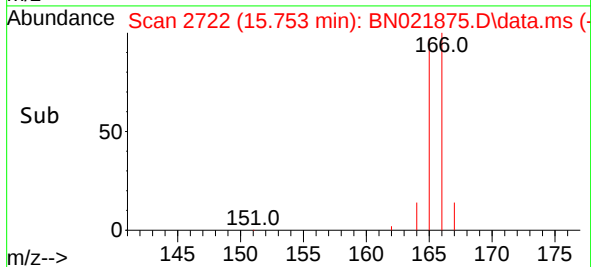
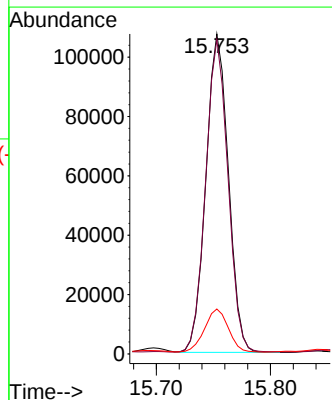
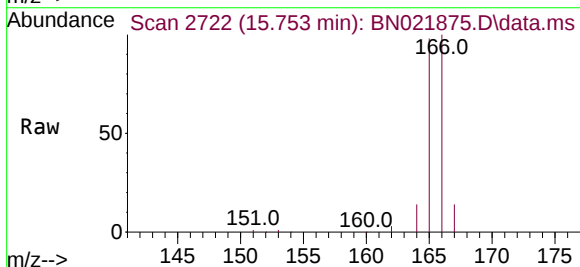
Instrument :
BNA_N
ClientSampleId :
CB8K3

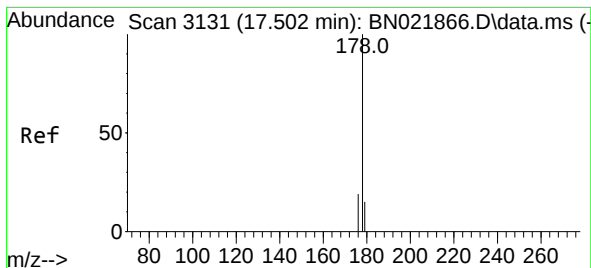
Tgt Ion:153 Resp: 185890
Ion Ratio Lower Upper
153 100
152 47.7 40.2 60.4
154 87.7 70.7 106.1



#12
Fluorene
Concen: 3.517 ng/ul
RT: 15.753 min Scan# 2722
Delta R.T. -0.005 min
Lab File: BN021875.D
Acq: 22 Sep 2022 21:50

Tgt Ion:166 Resp: 147323
Ion Ratio Lower Upper
166 100
165 98.2 78.6 117.8
167 14.0 11.8 17.6





#15

Phenanthrene

Concen: 4.293 ng/ul

RT: 17.498 min Scan# 3130

Delta R.T. -0.004 min

Lab File: BN021875.D

Acq: 22 Sep 2022 21:50

Instrument :

BNA_N

ClientSampleId :

CB8K3

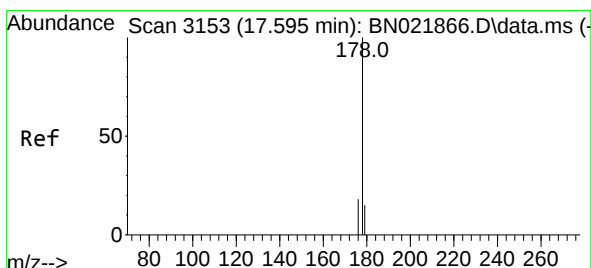
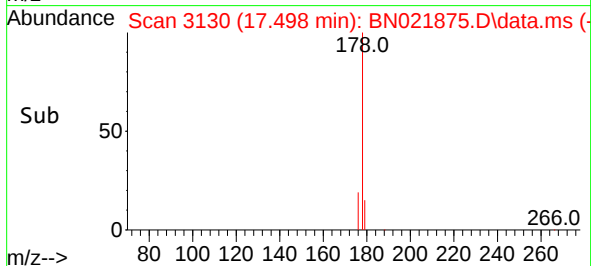
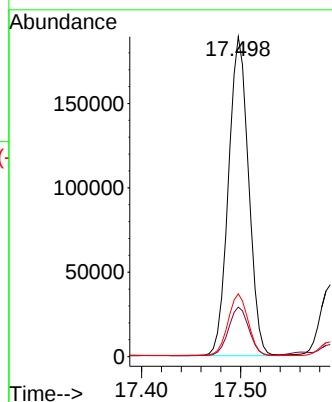
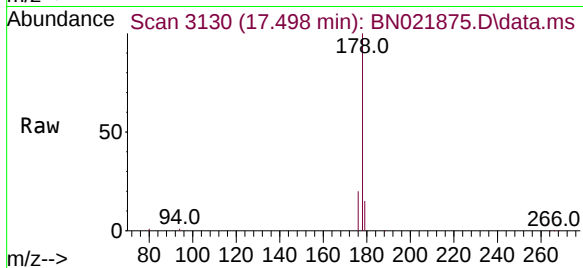
Tgt Ion:178 Resp: 266263

Ion Ratio Lower Upper

178 100

179 15.5 12.8 19.2

176 19.6 15.9 23.9



#16

Anthracene

Concen: 1.089 ng/ul

RT: 17.591 min Scan# 3152

Delta R.T. -0.004 min

Lab File: BN021875.D

Acq: 22 Sep 2022 21:50

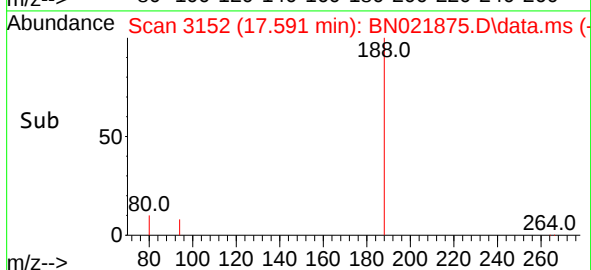
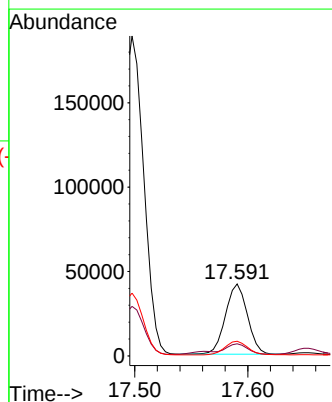
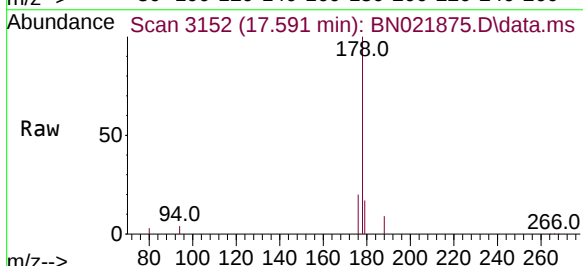
Tgt Ion:178 Resp: 56060

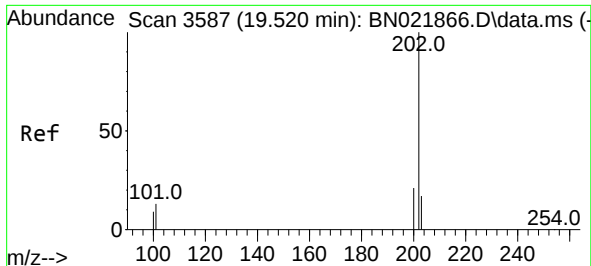
Ion Ratio Lower Upper

178 100

179 16.7 12.9 19.3

176 20.5 15.9 23.9

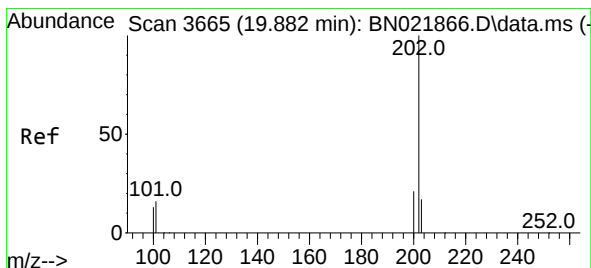
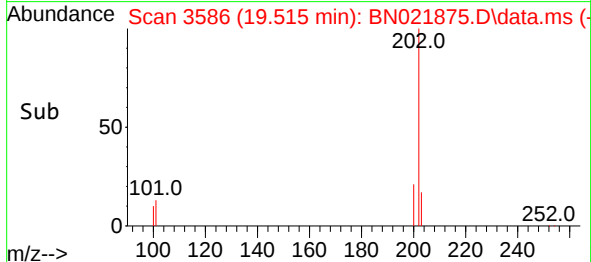
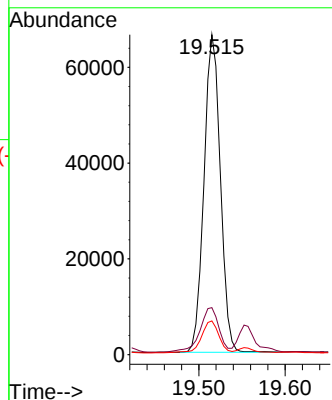
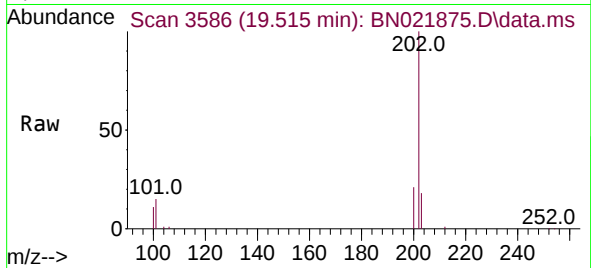




#19
Fluoranthene
Concen: 1.544 ng/ul
RT: 19.515 min Scan# 3586
Delta R.T. -0.000 min
Lab File: BN021875.D
Acq: 22 Sep 2022 21:50

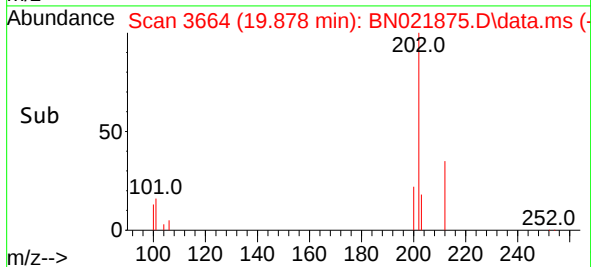
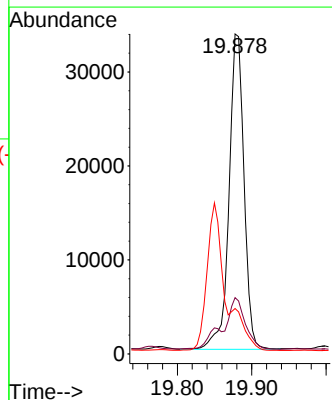
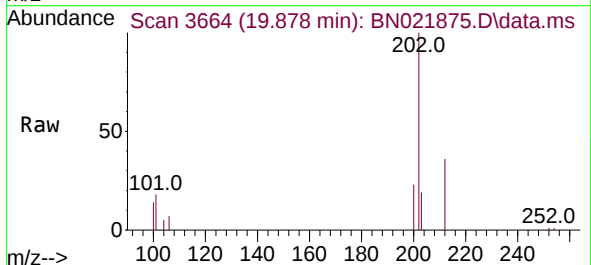
Instrument :
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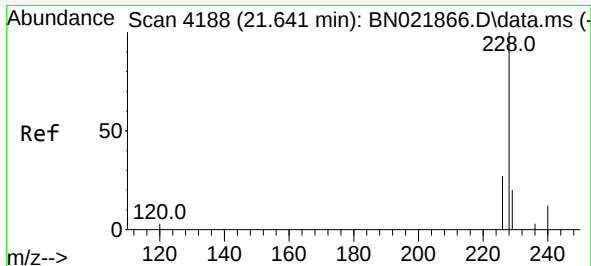
Tgt Ion:202 Resp: 87611
Ion Ratio Lower Upper
202 100
101 14.7 10.0 15.0
100 10.5 8.0 12.0



#20
Pyrene
Concen: 0.838 ng/ul
RT: 19.878 min Scan# 3664
Delta R.T. -0.000 min
Lab File: BN021875.D
Acq: 22 Sep 2022 21:50

Tgt Ion:202 Resp: 46929
Ion Ratio Lower Upper
202 100
101 17.6 11.3 16.9#
100 14.2 9.0 13.4#

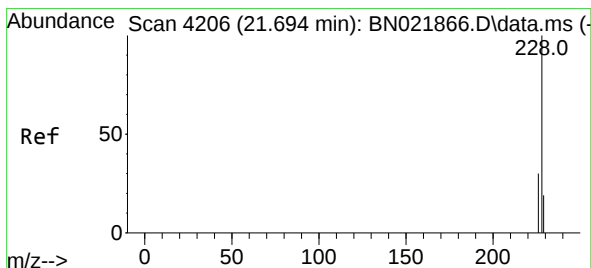
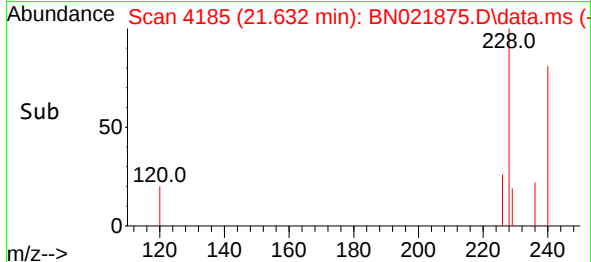
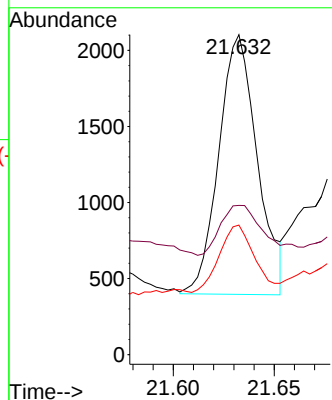
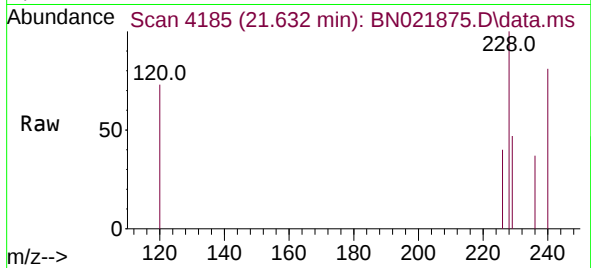




#21
Benzo(a)anthracene
Concen: 0.056 ng/ul
RT: 21.632 min Scan# 4188
Delta R.T. 0.003 min
Lab File: BN021875.D
Acq: 22 Sep 2022 21:50

Instrument :
BNA_N
ClientSampleId :
CB8K3

Tgt Ion:228 Resp: 2270
Ion Ratio Lower Upper
228 100
229 46.6 16.0 24.0#
226 40.5 21.9 32.9#



#22
Chrysene
Concen: 0.052 ng/ul
RT: 21.685 min Scan# 4203
Delta R.T. -0.000 min
Lab File: BN021875.D
Acq: 22 Sep 2022 21:50

Tgt Ion:228 Resp: 2291
Ion Ratio Lower Upper
228 100
226 46.3 24.6 37.0#
229 54.1 15.8 23.8#

