

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092122\
 Data File : BN021872.D
 Acq On : 22 Sep 2022 19:54
 Operator : CG/JU
 Sample : N4707-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 23 02:11:35 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)

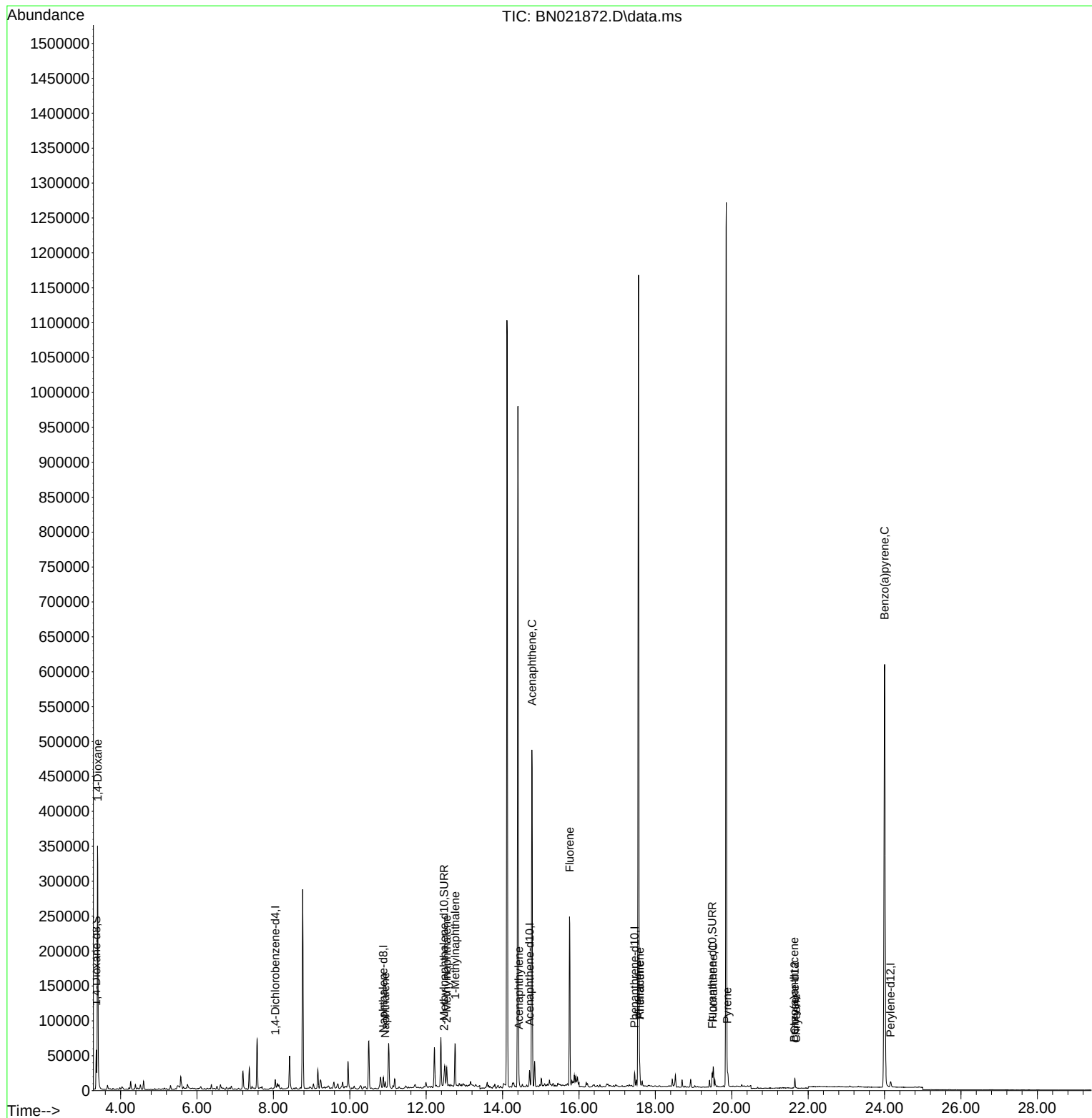
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	6198	0.400	ng/ul	0.00
4) Naphthalene-d8	10.878	136	20480	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.708	164	12692	0.400	ng/ul #	0.00
13) Phenanthrene-d10	17.456	188	21623	0.400	ng/ul #	0.00
17) Chrysene-d12	21.650	240	12723	0.400	ng/ul #	0.00
23) Perylene-d12	24.158	264	11112	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	34916	4.579	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.467	152	10550	0.325	ng/ul	0.00
18) Fluoranthene-d10	19.487	212	19142	0.404	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.397	88	235862	30.158	ng/ul#	84
5) Naphthalene	10.927	128	10288	0.178	ng/ul#	90
7) 2-Methylnaphthalene	12.539	142	19179	0.511	ng/ul	98
8) 1-Methylnaphthalene	12.759	142	41637	1.082	ng/ul	98
10) Acenaphthylene	14.430	152	4662	0.087	ng/ul#	25
11) Acenaphthene	14.768	153	284107	6.291	ng/ul	98
12) Fluorene	15.753	166	149959	2.960	ng/ul	100
15) Phenanthrene	17.591	178	26792	0.393	ng/ul	93
16) Anthracene	17.591	178	26594	0.470	ng/ul	93
19) Fluoranthene	19.515	202	23112	0.389	ng/ul#	79
20) Pyrene	19.882	202	15592	0.266	ng/ul#	75
21) Benzo(a)anthracene	21.633	228	1038	0.024	ng/ul#	24
22) Chrysene	21.688	228	937	0.020	ng/ul#	12
26) Benzo(a)pyrene	24.000	252	3647	0.089	ng/ul#	26

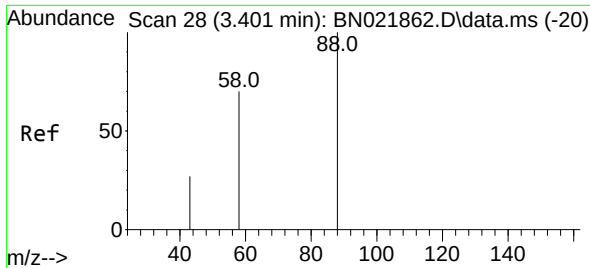
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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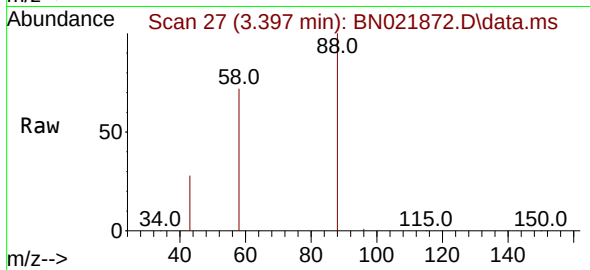
Quant Time: Sep 23 02:11:35 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090822.M
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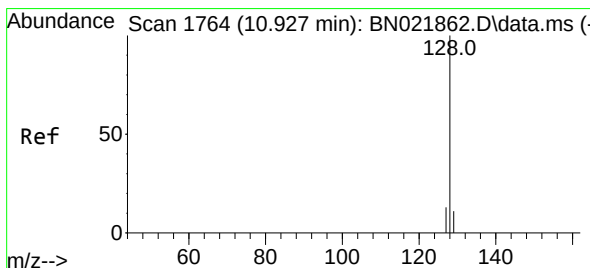
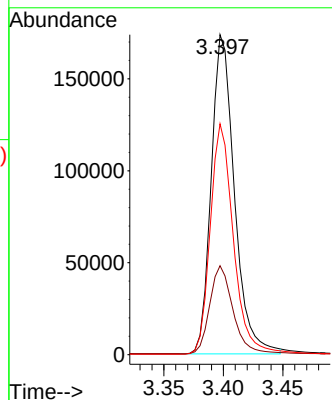
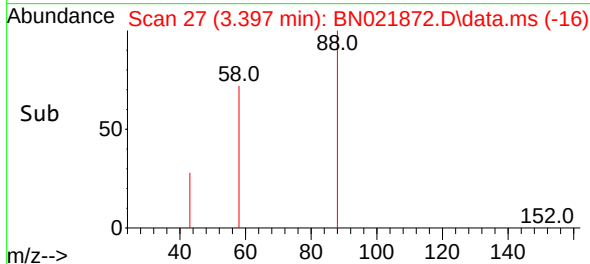


#2
1,4-Dioxane
Concen: 30.158 ng/ul
RT: 3.397 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN021872.D
Acq: 22 Sep 2022 19:54

Instrument :
BNA_N
ClientSampleId :

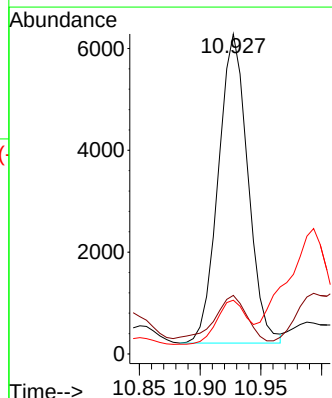
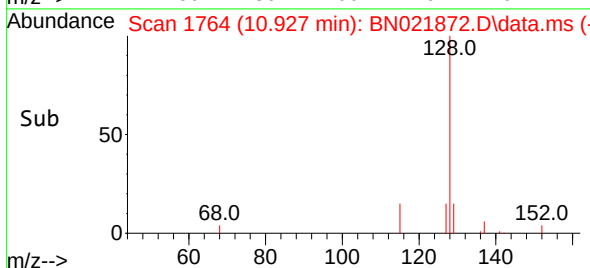
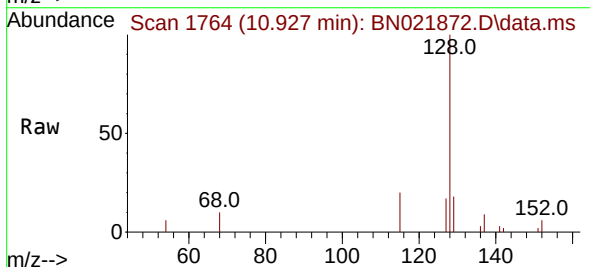


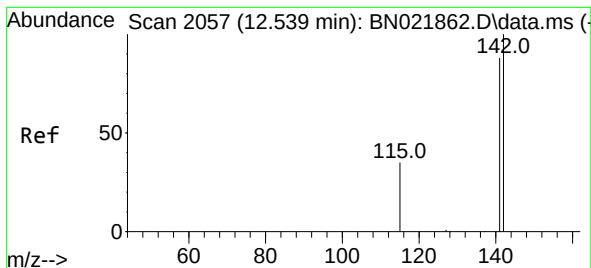
Tgt Ion: 88 Resp: 235862
Ion Ratio Lower Upper
88 100
43 27.8 31.4 47.0#
58 72.1 49.0 73.6



#5
Naphthalene
Concen: 0.178 ng/ul
RT: 10.927 min Scan# 1764
Delta R.T. -0.005 min
Lab File: BN021872.D
Acq: 22 Sep 2022 19:54

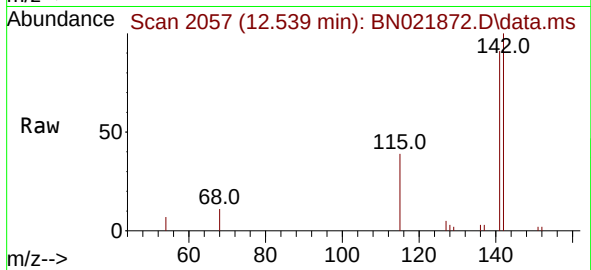
Tgt Ion:128 Resp: 10288
Ion Ratio Lower Upper
128 100
129 18.3 9.8 14.6#
127 16.8 11.6 17.4



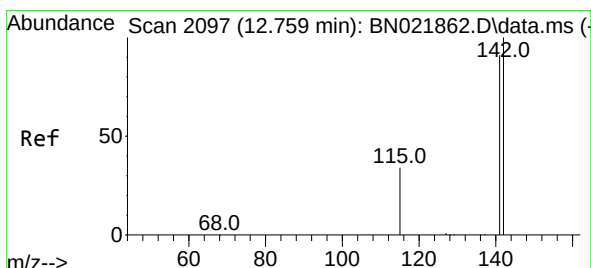
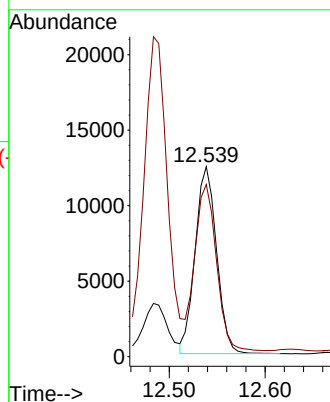
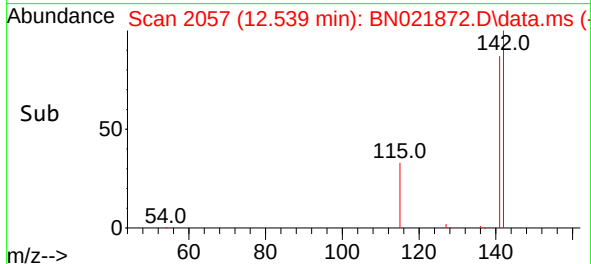


#7
2-Methylnaphthalene
Concen: 0.511 ng/ul
RT: 12.539 min Scan# 2057
Delta R.T. -0.005 min
Lab File: BN021872.D
Acq: 22 Sep 2022 19:54

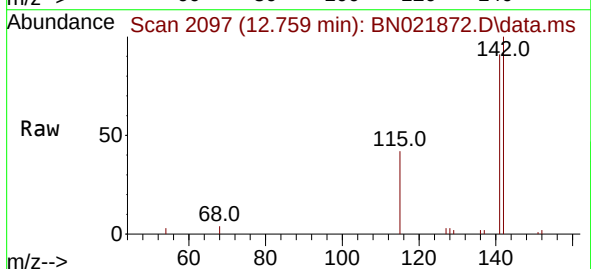
Instrument :
BNA_N
ClientSampleId :



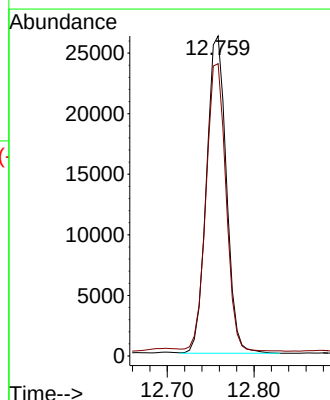
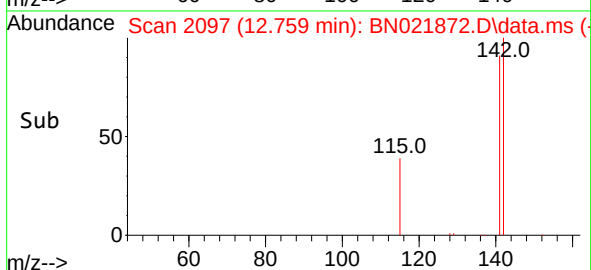
Tgt Ion:142 Resp: 19179
Ion Ratio Lower Upper
142 100
141 88.1 72.2 108.2

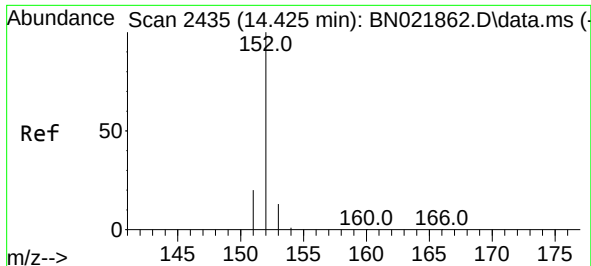


#8
1-Methylnaphthalene
Concen: 1.082 ng/ul
RT: 12.759 min Scan# 2097
Delta R.T. 0.000 min
Lab File: BN021872.D
Acq: 22 Sep 2022 19:54



Tgt Ion:142 Resp: 41637
Ion Ratio Lower Upper
142 100
141 90.5 73.9 110.9

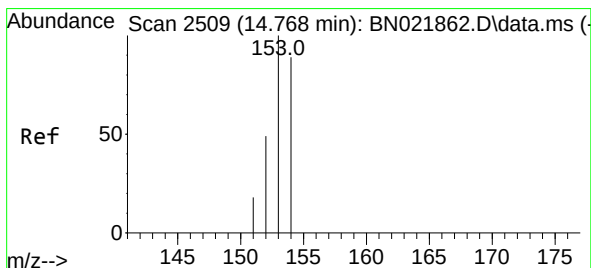
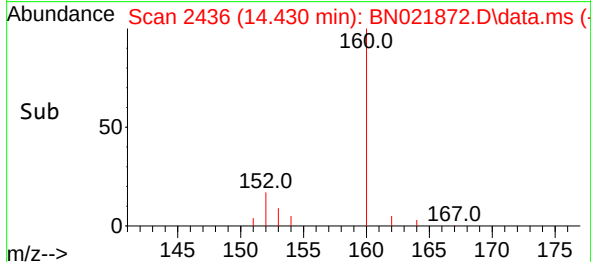
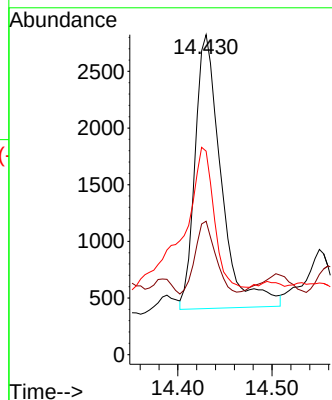
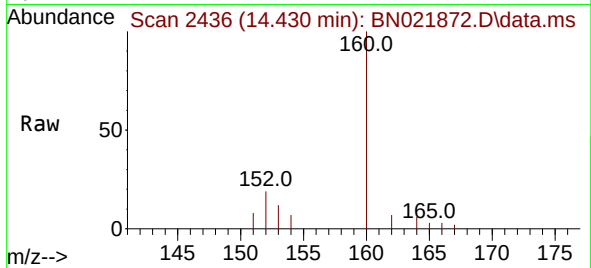




#10
Acenaphthylene
Concen: 0.087 ng/ul
RT: 14.430 min Scan# 2435
Delta R.T. 0.000 min
Lab File: BN021872.D
Acq: 22 Sep 2022 19:54

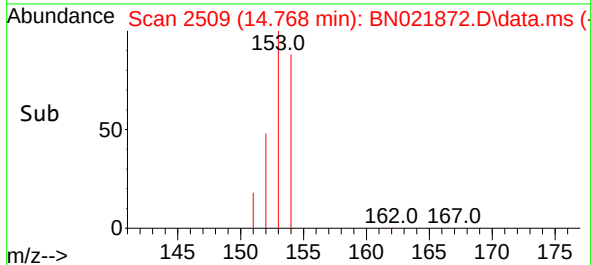
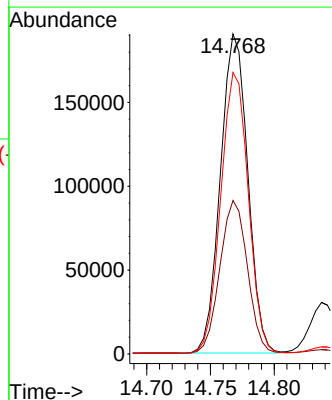
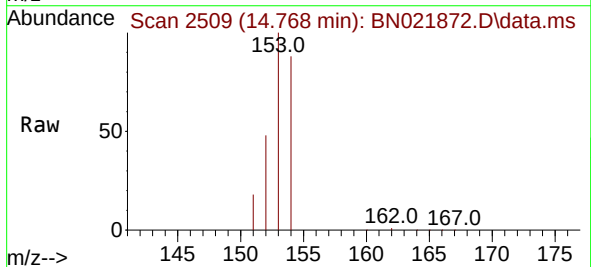
Instrument :
BNA_N
ClientSampleId :

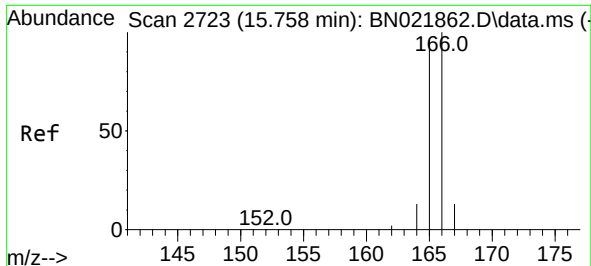
Tgt Ion:152 Resp: 4662
Ion Ratio Lower Upper
152 100
151 41.7 16.9 25.3#
153 63.6 11.2 16.8#



#11
Acenaphthene
Concen: 6.291 ng/ul
RT: 14.768 min Scan# 2509
Delta R.T. -0.005 min
Lab File: BN021872.D
Acq: 22 Sep 2022 19:54

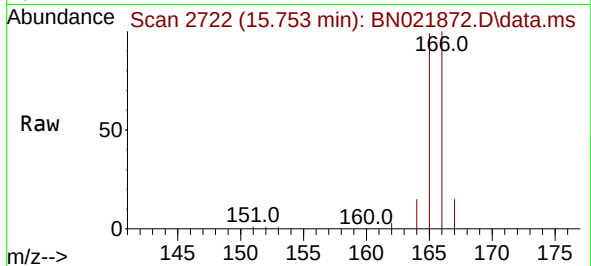
Tgt Ion:153 Resp: 284107
Ion Ratio Lower Upper
153 100
152 47.9 40.2 60.4
154 88.0 70.7 106.1



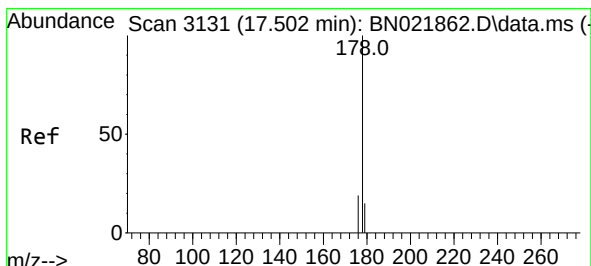
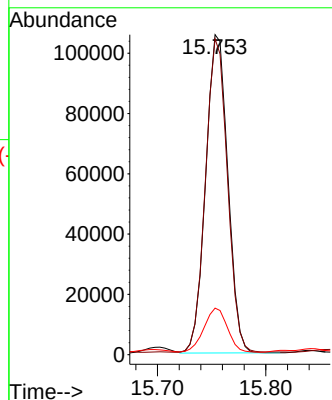
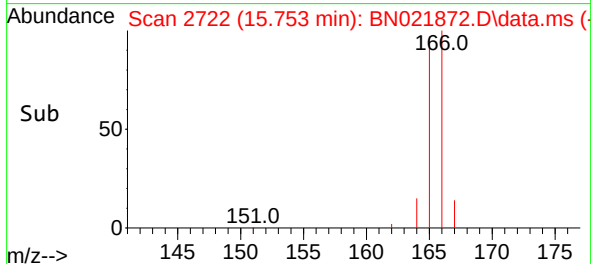


#12
Fluorene
Concen: 2.960 ng/ul
RT: 15.753 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN021872.D
Acq: 22 Sep 2022 19:54

Instrument :
BNA_N
ClientSampleId :

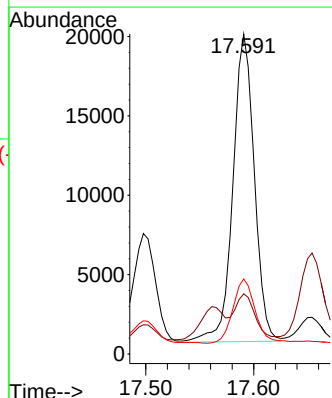
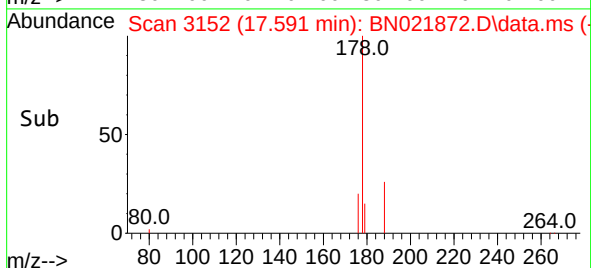
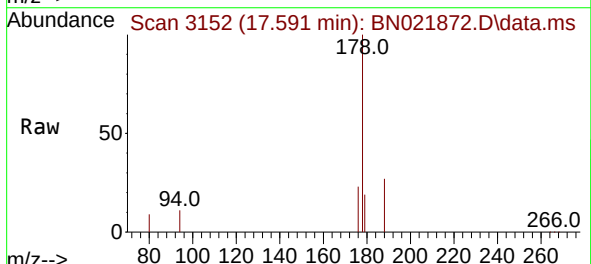


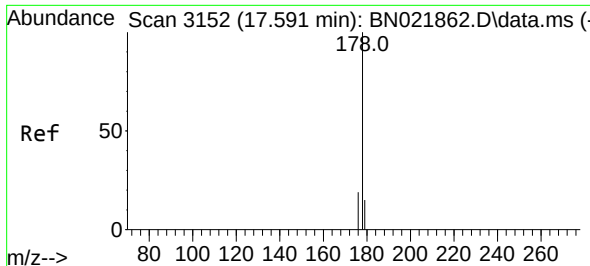
Tgt Ion:166 Resp: 149959
Ion Ratio Lower Upper
166 100
165 98.7 78.6 117.8
167 14.6 11.8 17.6



#15
Phenanthrene
Concen: 0.393 ng/ul
RT: 17.591 min Scan# 3152
Delta R.T. 0.089 min
Lab File: BN021872.D
Acq: 22 Sep 2022 19:54

Tgt Ion:178 Resp: 26792
Ion Ratio Lower Upper
178 100
179 18.8 12.8 19.2
176 23.5 15.9 23.9

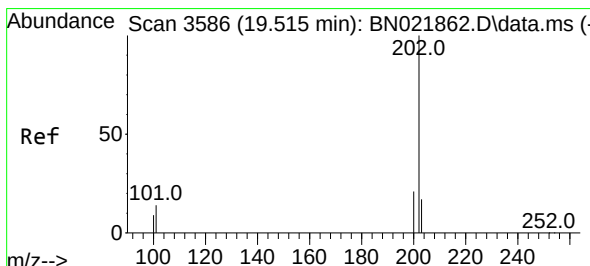
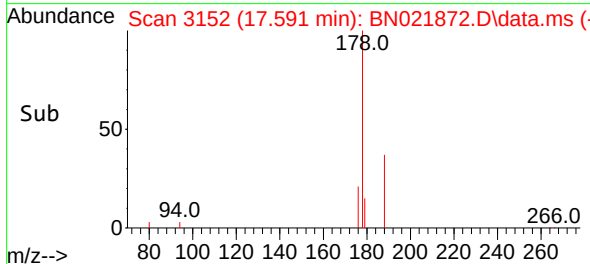
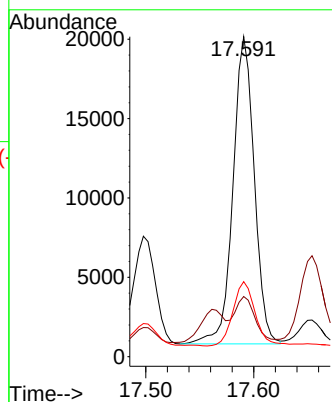
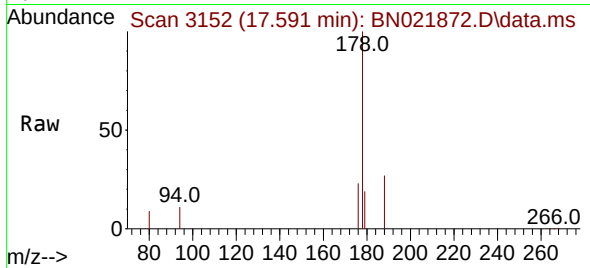




#16
 Anthracene
 Concen: 0.470 ng/ul
 RT: 17.591 min Scan# 3152
 Delta R.T. -0.004 min
 Lab File: BN021872.D
 Acq: 22 Sep 2022 19:54

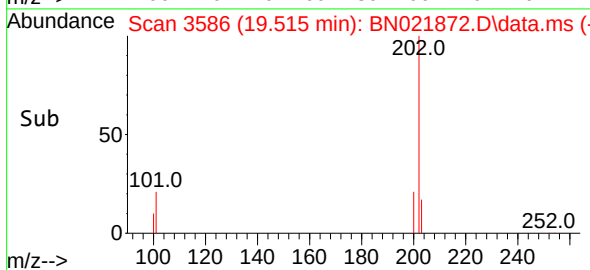
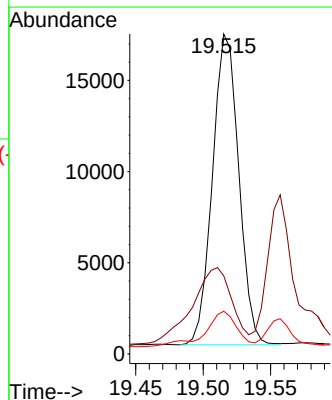
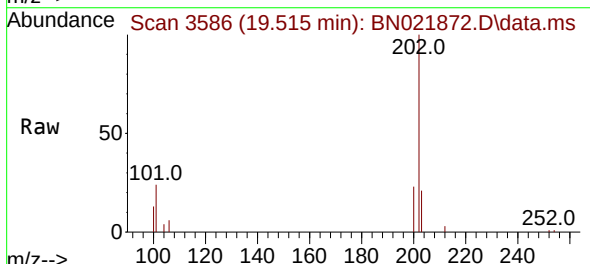
Instrument :
 BNA_N
 ClientSampleId :

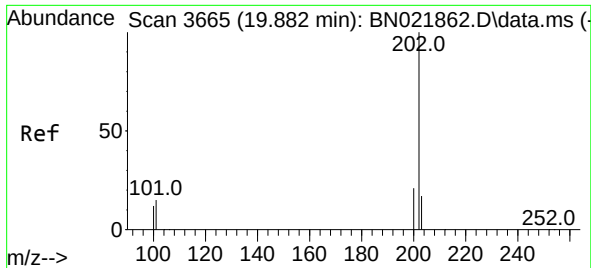
Tgt Ion:178 Resp: 26594
 Ion Ratio Lower Upper
 178 100
 179 18.8 12.9 19.3
 176 23.5 15.9 23.9



#19
 Fluoranthene
 Concen: 0.389 ng/ul
 RT: 19.515 min Scan# 3586
 Delta R.T. 0.000 min
 Lab File: BN021872.D
 Acq: 22 Sep 2022 19:54

Tgt Ion:202 Resp: 23112
 Ion Ratio Lower Upper
 202 100
 101 24.4 10.0 15.0#
 100 13.4 8.0 12.0#

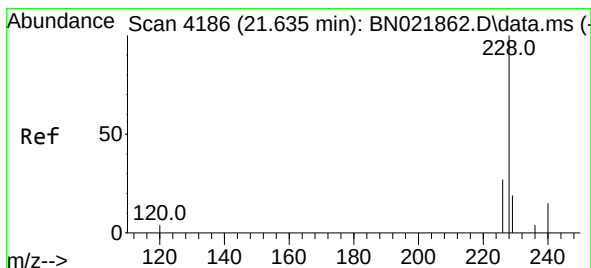
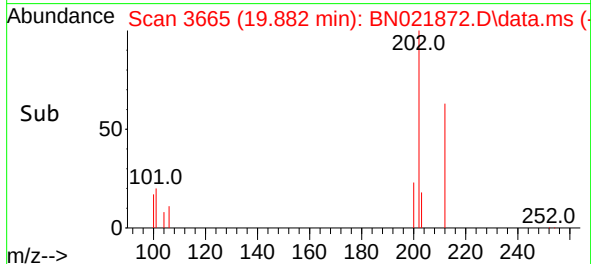
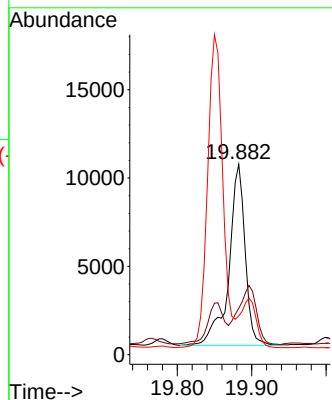
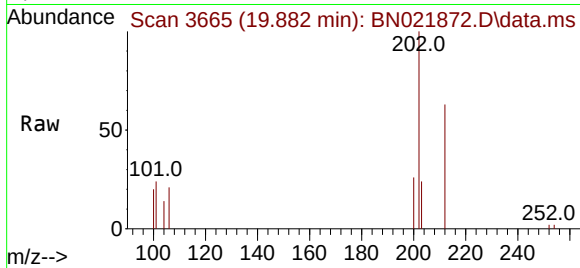




#20
Pyrene
Concen: 0.266 ng/ul
RT: 19.882 min Scan# 3665
Delta R.T. 0.005 min
Lab File: BN021872.D
Acq: 22 Sep 2022 19:54

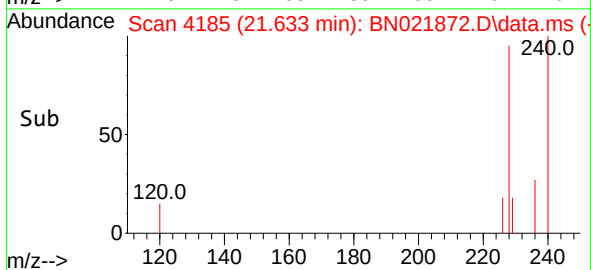
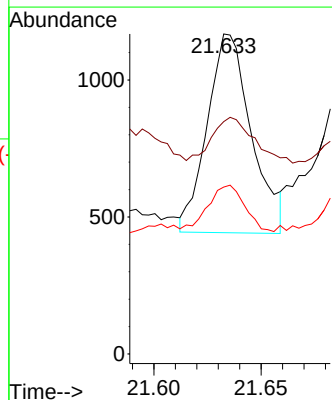
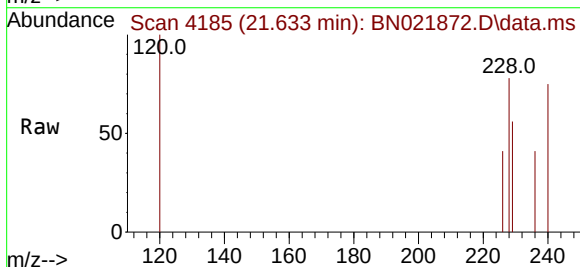
Instrument :
BNA_N
ClientSampleId :

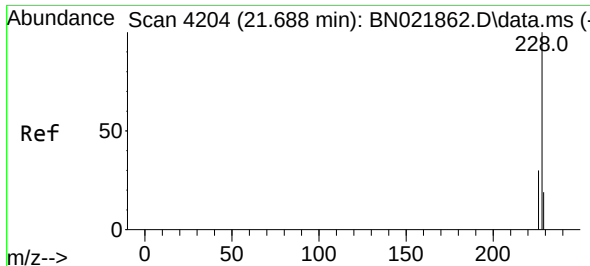
Tgt Ion:202 Resp: 15592
Ion Ratio Lower Upper
202 100
101 24.4 11.3 16.9#
100 20.4 9.0 13.4#



#21
Benzo(a)anthracene
Concen: 0.024 ng/ul
RT: 21.633 min Scan# 4185
Delta R.T. 0.003 min
Lab File: BN021872.D
Acq: 22 Sep 2022 19:54

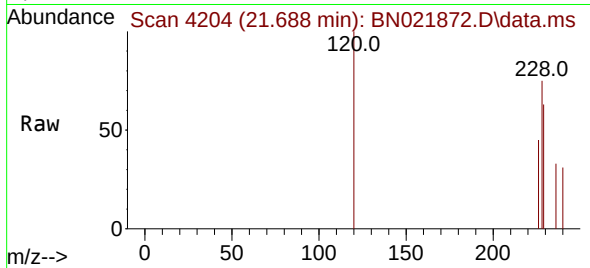
Tgt Ion:228 Resp: 1038
Ion Ratio Lower Upper
228 100
229 72.6 16.0 24.0#
226 52.1 21.9 32.9#



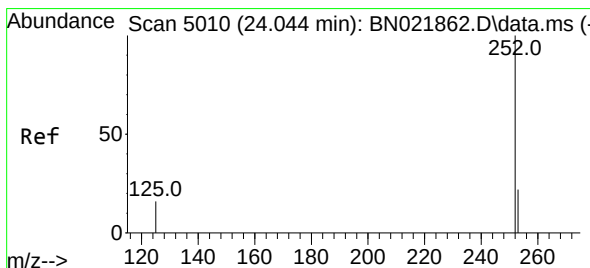
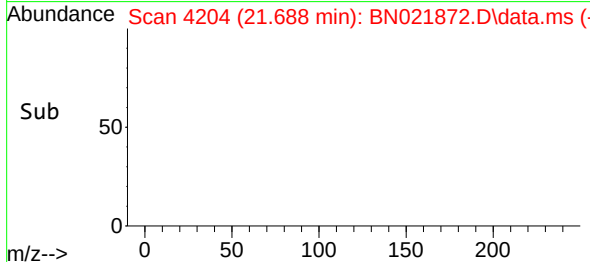
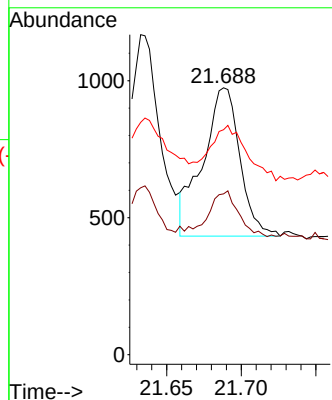


#22
Chrysene
Concen: 0.020 ng/u1
RT: 21.688 min Scan# 41
Delta R.T. 0.003 min
Lab File: BN021872.D
Acq: 22 Sep 2022 19:54

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:228 Resp: 937
Ion Ratio Lower Upper
228 100
226 60.3 24.6 37.0#
229 84.3 15.8 23.8#



#26
Benzo(a)pyrene
Concen: 0.089 ng/u1
RT: 24.000 min Scan# 4995
Delta R.T. -0.041 min
Lab File: BN021872.D
Acq: 22 Sep 2022 19:54

Tgt Ion:252 Resp: 3647
Ion Ratio Lower Upper
252 100
253 58.4 22.1 33.1#
125 60.9 14.7 22.1#

