

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082222\
 Data File : BN021301.D
 Acq On : 22 Aug 2022 14:26
 Operator : CG/JU
 Sample : SST0.235
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.2238

Quant Time: Aug 22 17:53:04 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN082222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 22 17:51:15 2022
 Response via : Initial Calibration

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

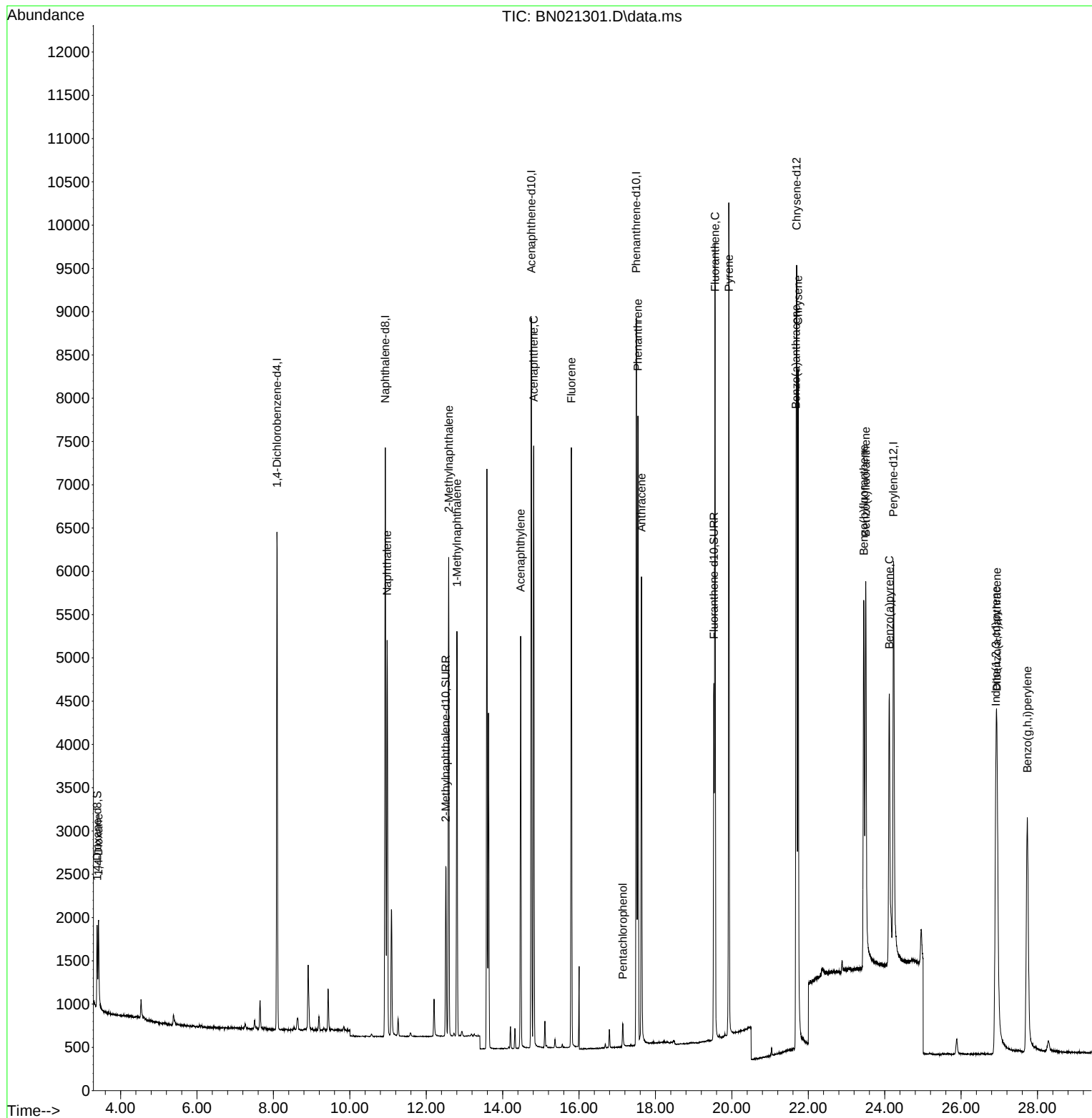
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	2909	0.400	ng/ul	0.00
4) Naphthalene-d8	10.927	136	9084	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.749	164	4684	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.498	188	9544	0.400	ng/ul #	0.00
17) Chrysene-d12	21.697	240	7666	0.400	ng/ul #	0.00
23) Perylene-d12	24.231	264	7178	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.385	96	731	0.196	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.511	152	2563	0.193	ng/ul	0.00
18) Fluoranthene-d10	19.529	212	4424	0.187	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.422	88	713	0.186	ng/ul	95
5) Naphthalene	10.977	128	6363	0.228	ng/ul	99
7) 2-Methylnaphthalene	12.588	142	3917	0.231	ng/ul	98
8) 1-Methylnaphthalene	12.803	142	3150	0.186	ng/ul	100
10) Acenaphthylene	14.472	152	5305	0.242	ng/ul	100
11) Acenaphthene	14.814	153	4052	0.224	ng/ul	98
12) Fluorene	15.799	166	4427	0.224	ng/ul	100
14) Pentachlorophenol	17.143	266	222	0.151	ng/ul	96
15) Phenanthrene	17.540	178	7636	0.224	ng/ul	100
16) Anthracene	17.633	178	6017	0.228	ng/ul	99
19) Fluoranthene	19.557	202	7711	0.227	ng/ul	96
20) Pyrene	19.920	202	8061	0.230	ng/ul#	94
21) Benzo(a)anthracene	21.679	228	5699	0.228	ng/ul	100
22) Chrysene	21.732	228	7483	0.227	ng/ul	100
24) Benzo(b)fluoranthene	23.451	252	6096	0.183	ng/ul	96
25) Benzo(k)fluoranthene	23.503	252	6928	0.198	ng/ul#	94
26) Benzo(a)pyrene	24.120	252	6015	0.198	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	26.911	276	6951	0.192	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.938	278	5755	0.201	ng/ul	94
29) Benzo(g,h,i)perylene	27.733	276	7021	0.217	ng/ul	96

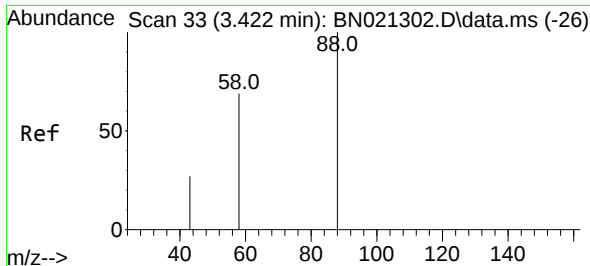
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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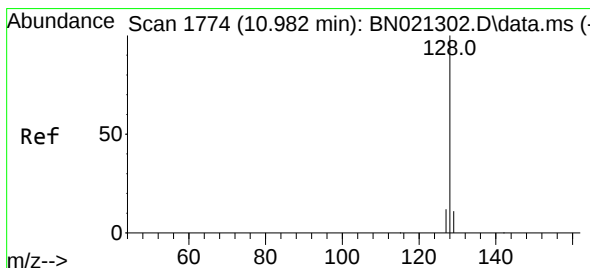
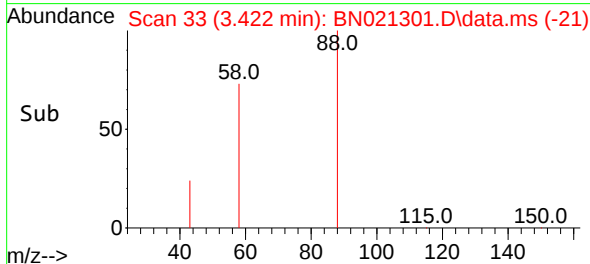
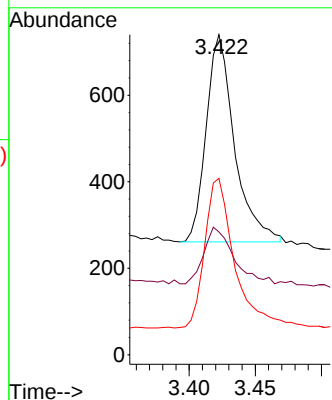
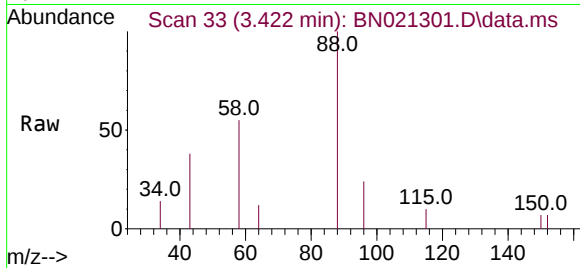




#2
 1,4-Dioxane
 Concen: 0.186 ng/ul
 RT: 3.422 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BN021301.D
 Acq: 22 Aug 2022 14:26

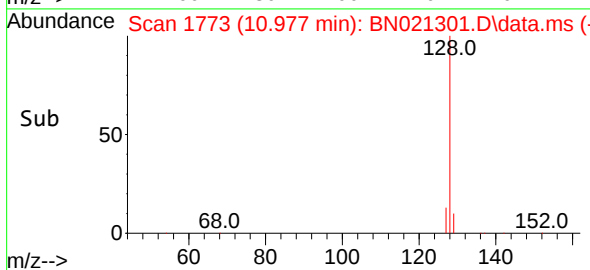
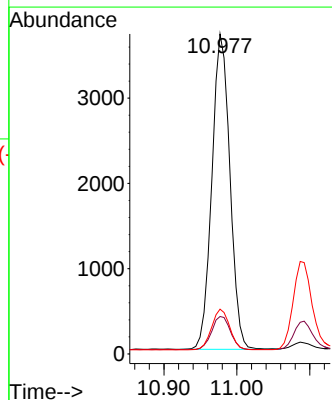
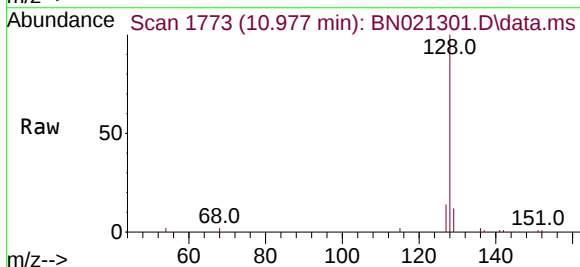
Instrument :
 BNA_N
 ClientSampleId :
 SST00.2238

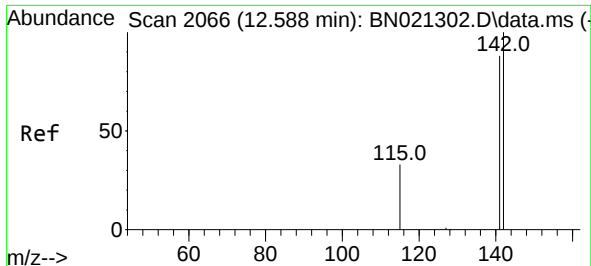
Tgt Ion: 88 Resp: 713
 Ion Ratio Lower Upper
 88 100
 43 38.4 31.4 47.0
 58 55.1 49.0 73.6



#5
 Naphthalene
 Concen: 0.228 ng/ul
 RT: 10.977 min Scan# 1773
 Delta R.T. -0.005 min
 Lab File: BN021301.D
 Acq: 22 Aug 2022 14:26

Tgt Ion:128 Resp: 6363
 Ion Ratio Lower Upper
 128 100
 129 11.7 9.8 14.6
 127 14.0 11.6 17.4

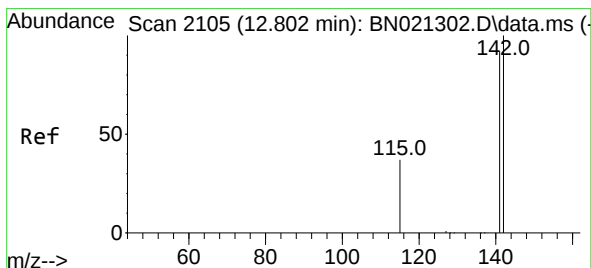
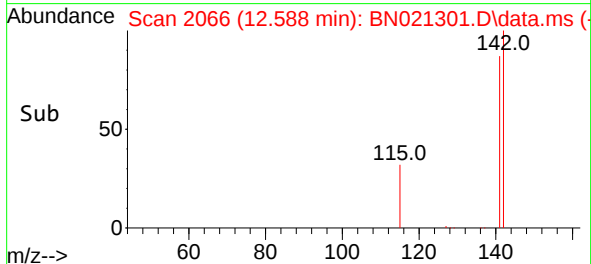
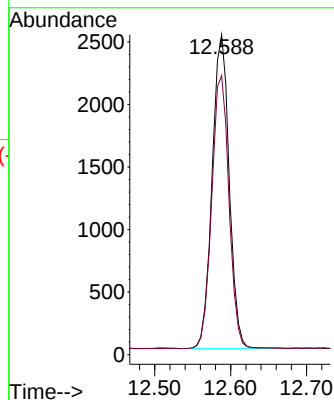
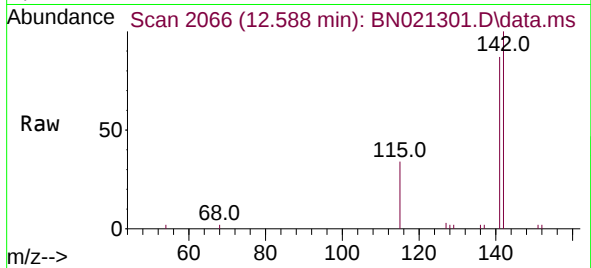




#7
2-Methylnaphthalene
Concen: 0.231 ng/ul
RT: 12.588 min Scan# 2066
Delta R.T. 0.000 min
Lab File: BN021301.D
Acq: 22 Aug 2022 14:26

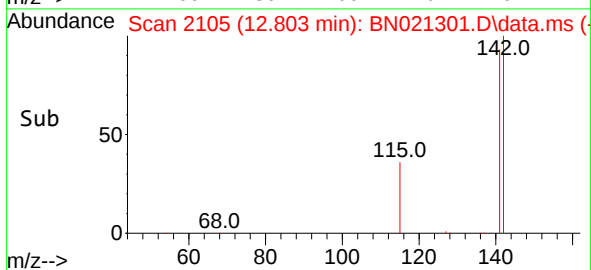
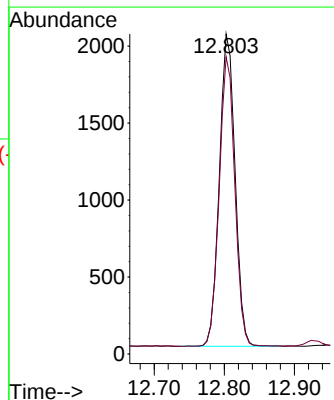
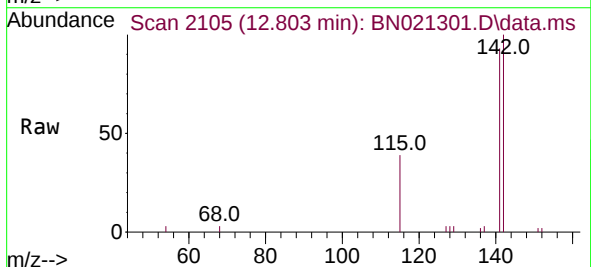
Instrument :
BNA_N
ClientSampleId :
SSTD0.2238

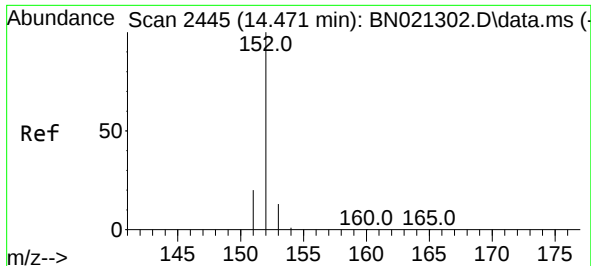
Tgt Ion:142 Resp: 3917
Ion Ratio Lower Upper
142 100
141 87.9 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.186 ng/ul
RT: 12.803 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BN021301.D
Acq: 22 Aug 2022 14:26

Tgt Ion:142 Resp: 3150
Ion Ratio Lower Upper
142 100
141 92.2 73.9 110.9

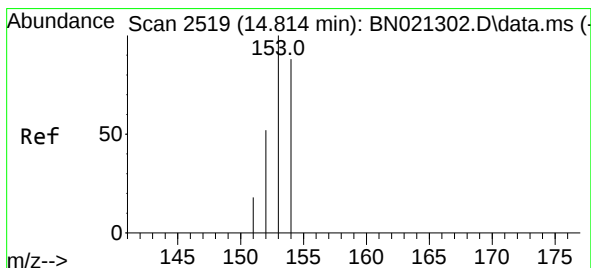
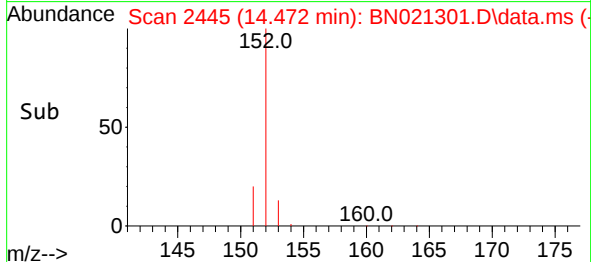
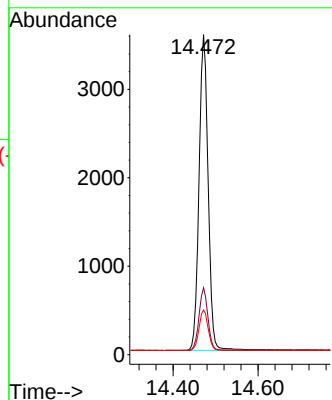
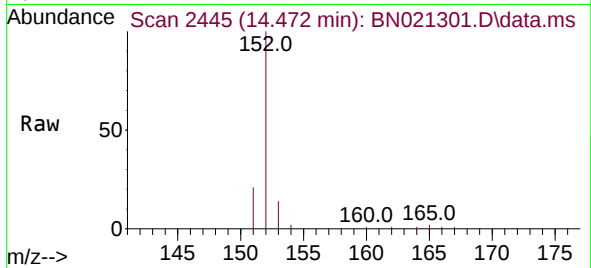




#10
Acenaphthylene
Concen: 0.242 ng/ul
RT: 14.472 min Scan# 2445
Delta R.T. 0.000 min
Lab File: BN021301.D
Acq: 22 Aug 2022 14:26

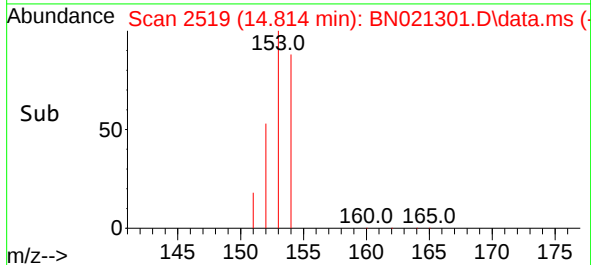
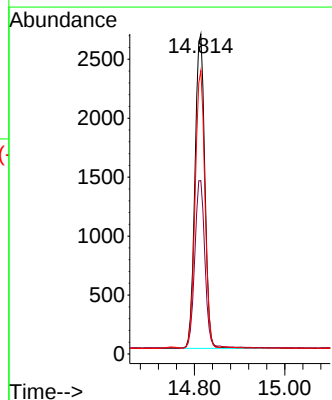
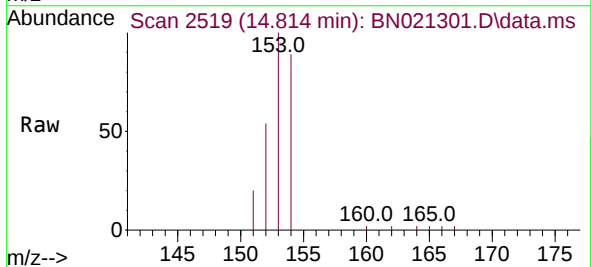
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BNA_N
ClientSampleId :
SSTD0.2238

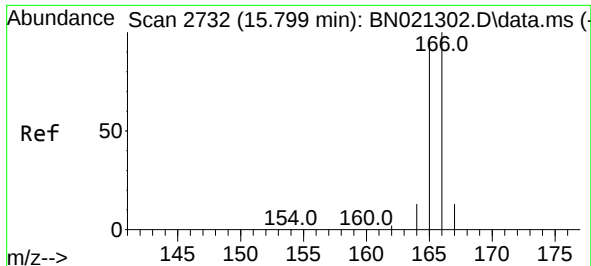
Tgt Ion:152 Resp: 5305
Ion Ratio Lower Upper
152 100
151 20.9 16.9 25.3
153 14.0 11.2 16.8



#11
Acenaphthene
Concen: 0.224 ng/ul
RT: 14.814 min Scan# 2519
Delta R.T. 0.000 min
Lab File: BN021301.D
Acq: 22 Aug 2022 14:26

Tgt Ion:153 Resp: 4052
Ion Ratio Lower Upper
153 100
152 54.1 40.2 60.4
154 88.5 70.7 106.1

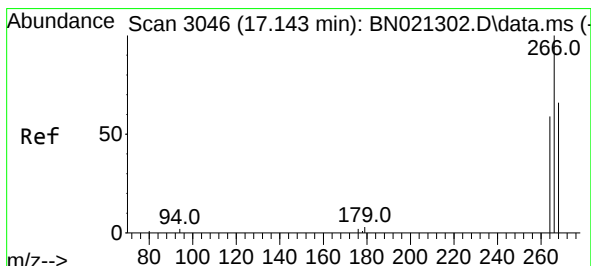
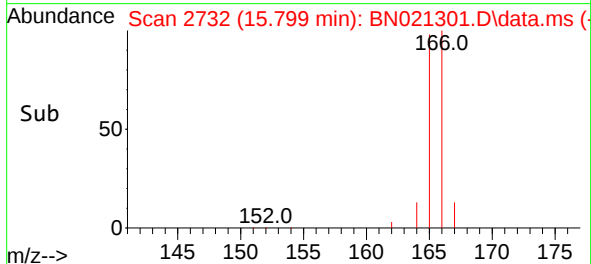
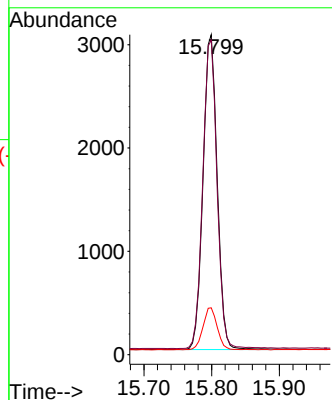
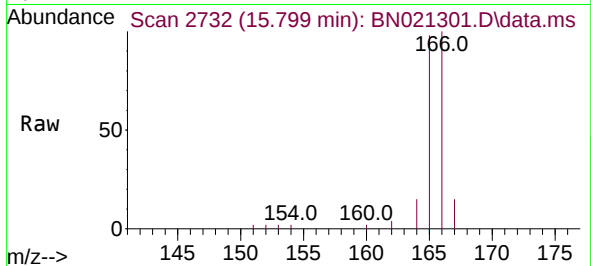




#12
Fluorene
Concen: 0.224 ng/ul
RT: 15.799 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN021301.D
Acq: 22 Aug 2022 14:26

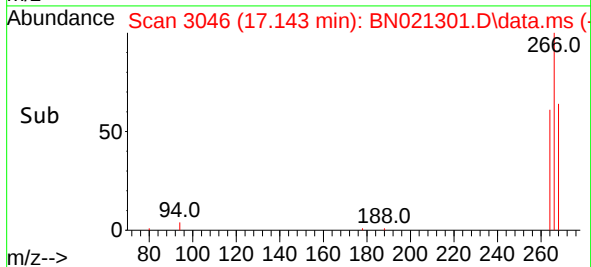
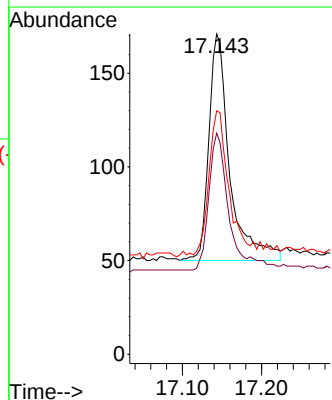
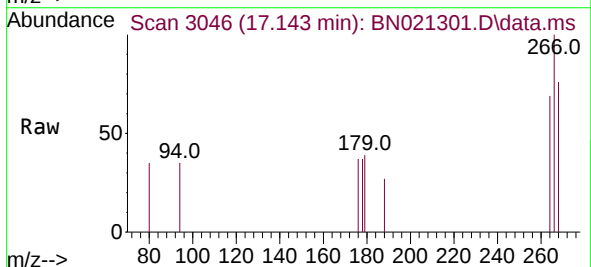
Instrument :
BNA_N
ClientSampleId :
SSTD0.2238

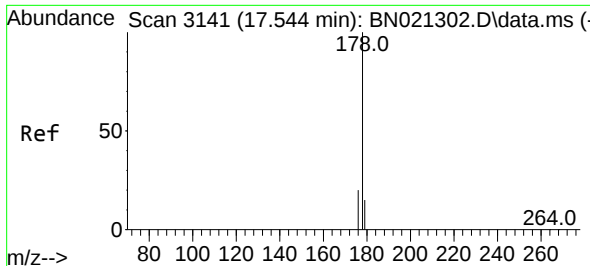
Tgt Ion:166 Resp: 4427
Ion Ratio Lower Upper
166 100
165 98.4 78.6 117.8
167 14.7 11.8 17.6



#14
Pentachlorophenol
Concen: 0.151 ng/ul
RT: 17.143 min Scan# 3046
Delta R.T. 0.000 min
Lab File: BN021301.D
Acq: 22 Aug 2022 14:26

Tgt Ion:266 Resp: 222
Ion Ratio Lower Upper
266 100
264 57.7 49.8 74.8
268 64.9 50.6 75.8

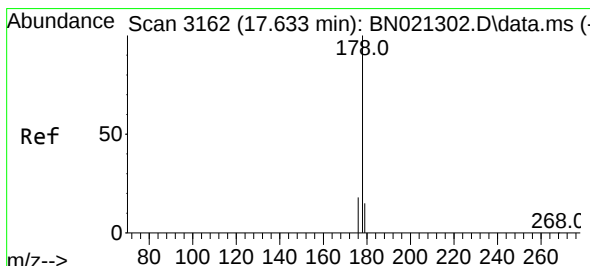
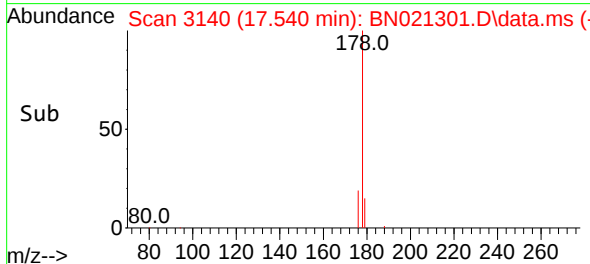
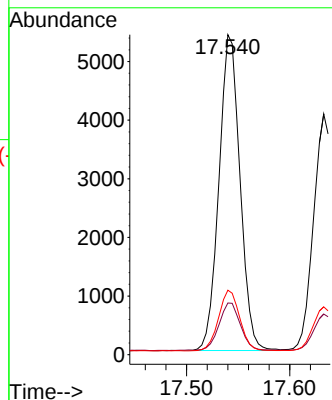
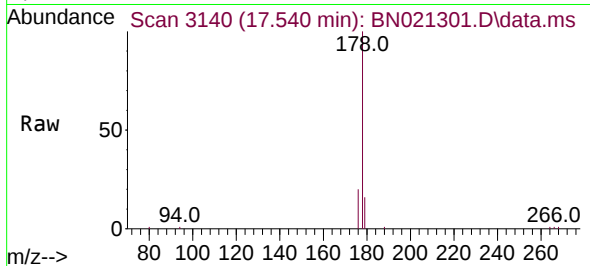




#15
Phenanthrene
Concen: 0.224 ng/u1
RT: 17.540 min Scan# 3141
Delta R.T. -0.004 min
Lab File: BN021301.D
Acq: 22 Aug 2022 14:26

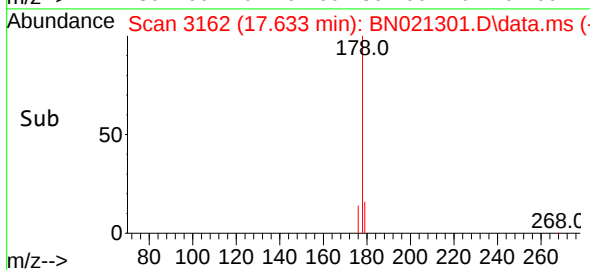
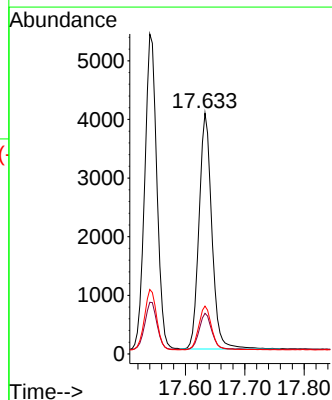
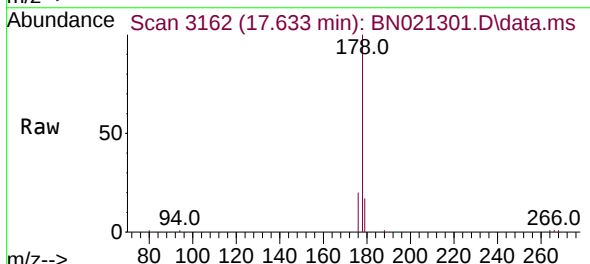
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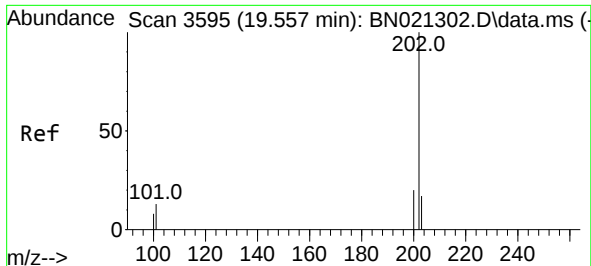
Tgt Ion:178 Resp: 7636
Ion Ratio Lower Upper
178 100
179 16.2 12.8 19.2
176 20.1 15.9 23.9



#16
Anthracene
Concen: 0.228 ng/u1
RT: 17.633 min Scan# 3162
Delta R.T. 0.000 min
Lab File: BN021301.D
Acq: 22 Aug 2022 14:26

Tgt Ion:178 Resp: 6017
Ion Ratio Lower Upper
178 100
179 16.8 12.9 19.3
176 19.9 15.9 23.9

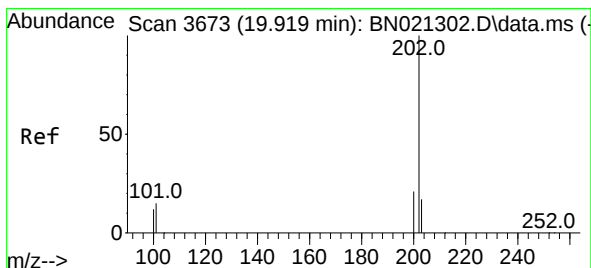
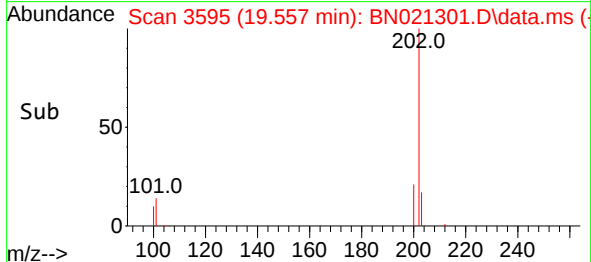
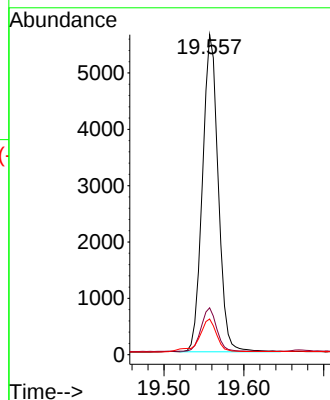
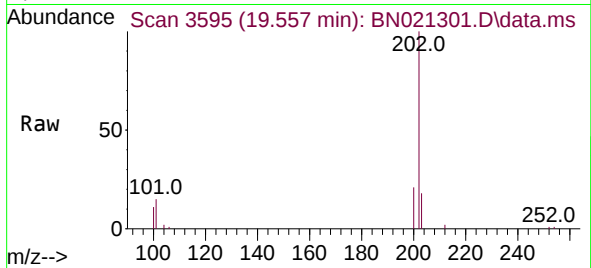




#19
Fluoranthene
Concen: 0.227 ng/ul
RT: 19.557 min Scan# 3595
Delta R.T. 0.000 min
Lab File: BN021301.D
Acq: 22 Aug 2022 14:26

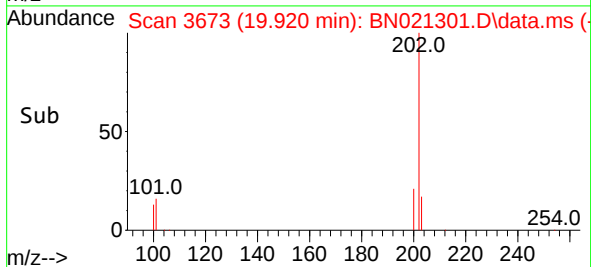
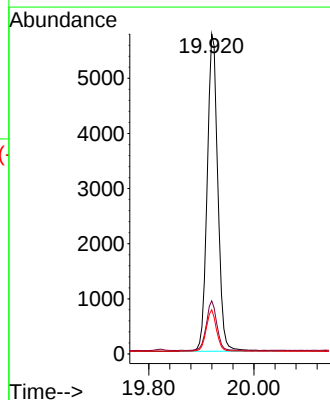
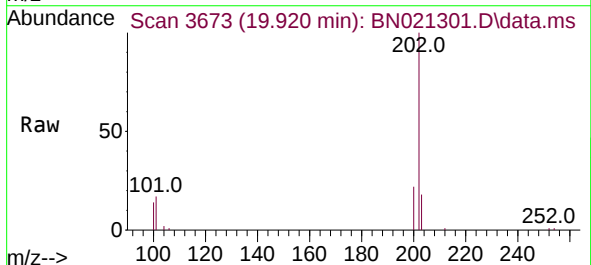
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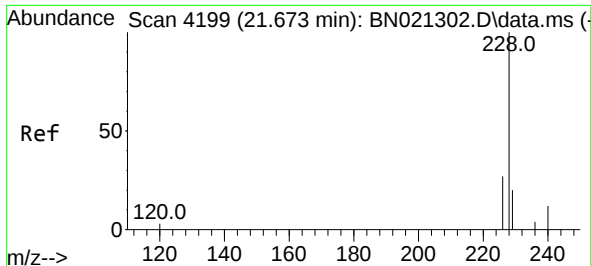
Tgt Ion:202 Resp: 7711
Ion Ratio Lower Upper
202 100
101 14.7 10.0 15.0
100 11.2 8.0 12.0



#20
Pyrene
Concen: 0.230 ng/ul
RT: 19.920 min Scan# 3673
Delta R.T. 0.000 min
Lab File: BN021301.D
Acq: 22 Aug 2022 14:26

Tgt Ion:202 Resp: 8061
Ion Ratio Lower Upper
202 100
101 16.6 11.3 16.9
100 13.8 9.0 13.4#

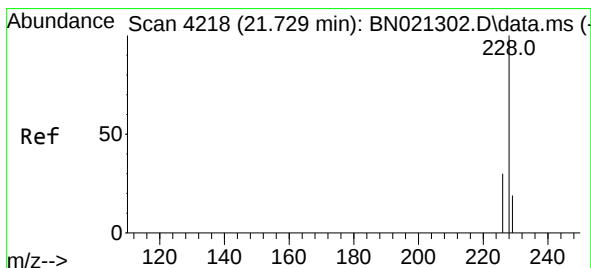
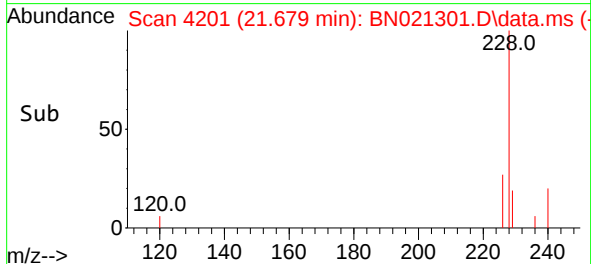
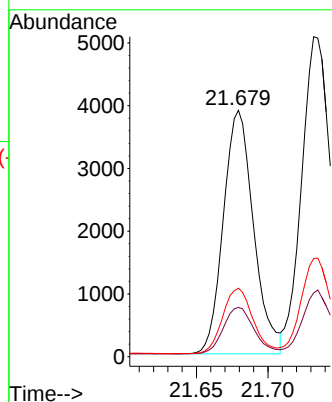
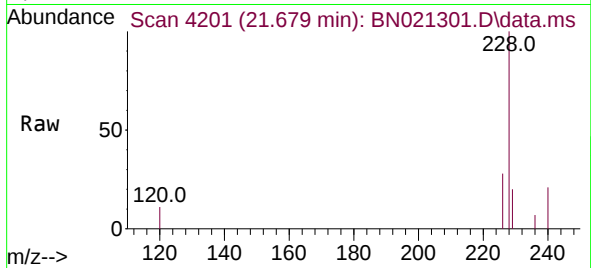




#21
Benzo(a)anthracene
Concen: 0.228 ng/ul
RT: 21.679 min Scan# 4199
Delta R.T. 0.006 min
Lab File: BN021301.D
Acq: 22 Aug 2022 14:26

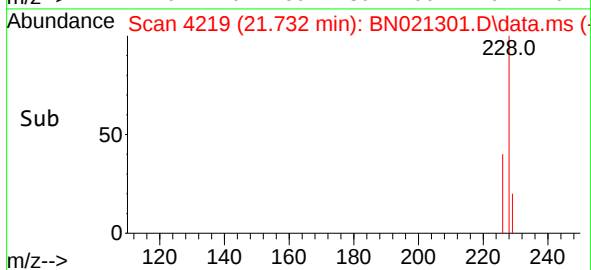
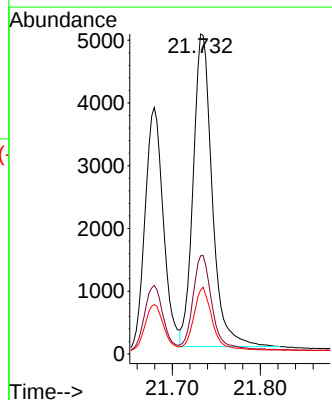
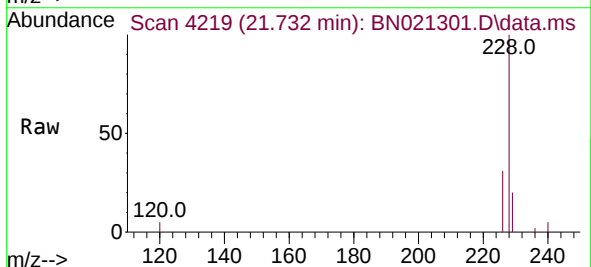
Instrument :
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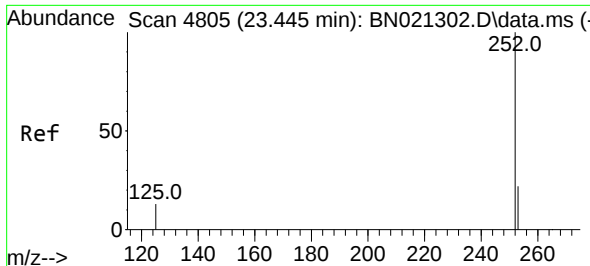
Tgt Ion:228 Resp: 5699
Ion Ratio Lower Upper
228 100
229 20.0 16.0 24.0
226 27.8 21.9 32.9



#22
Chrysene
Concen: 0.227 ng/ul
RT: 21.732 min Scan# 4219
Delta R.T. 0.003 min
Lab File: BN021301.D
Acq: 22 Aug 2022 14:26

Tgt Ion:228 Resp: 7483
Ion Ratio Lower Upper
228 100
226 30.6 24.6 37.0
229 19.9 15.8 23.8

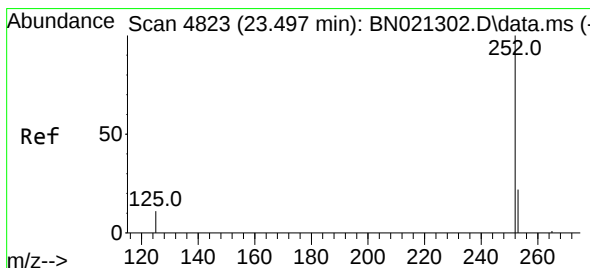
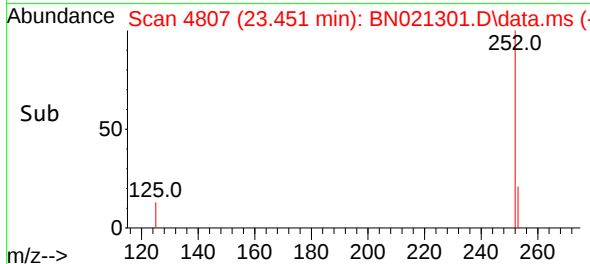
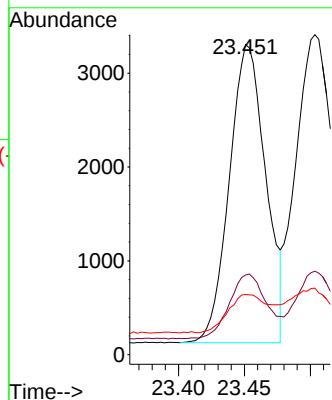
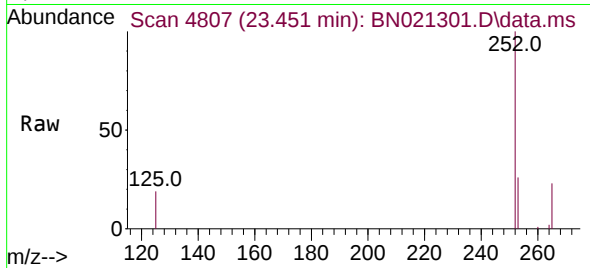




#24
Benzo(b)fluoranthene
Concen: 0.183 ng/ul
RT: 23.451 min Scan# 4807
Delta R.T. 0.006 min
Lab File: BN021301.D
Acq: 22 Aug 2022 14:26

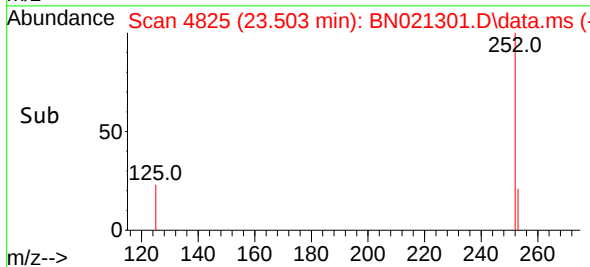
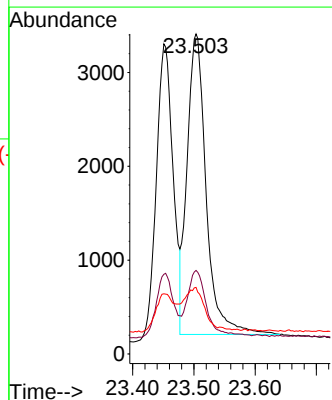
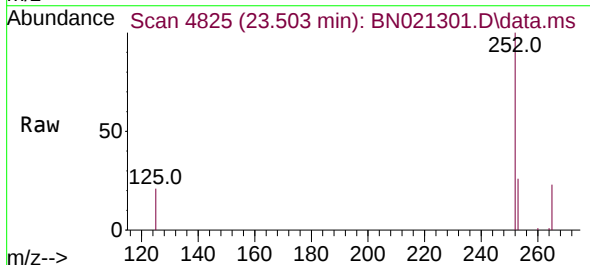
Instrument :
BNA_N
ClientSampleId :
SSTD0.2238

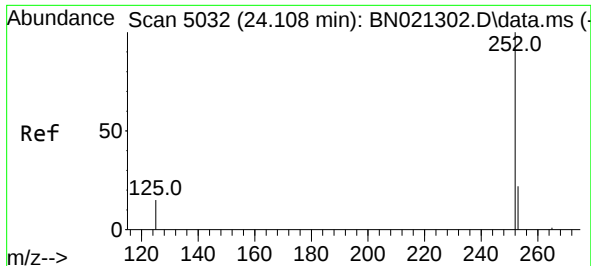
Tgt Ion:252 Resp: 6096
Ion Ratio Lower Upper
252 100
253 25.7 0.0 50.8
125 19.4 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.198 ng/ul
RT: 23.503 min Scan# 4825
Delta R.T. 0.006 min
Lab File: BN021301.D
Acq: 22 Aug 2022 14:26

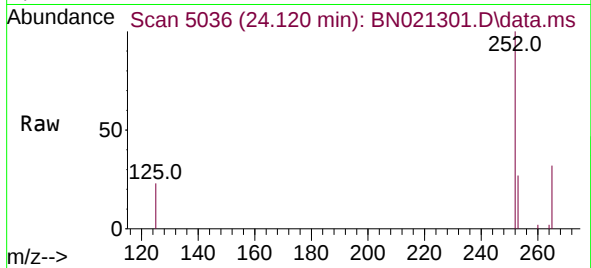
Tgt Ion:252 Resp: 6928
Ion Ratio Lower Upper
252 100
253 26.1 20.6 31.0
125 20.8 11.8 17.6#



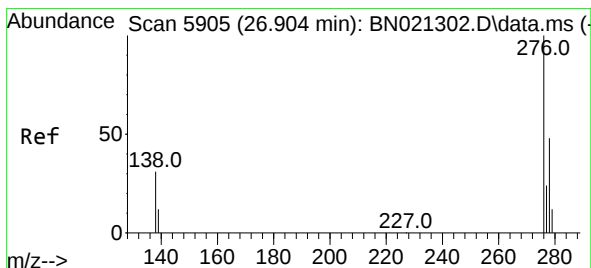
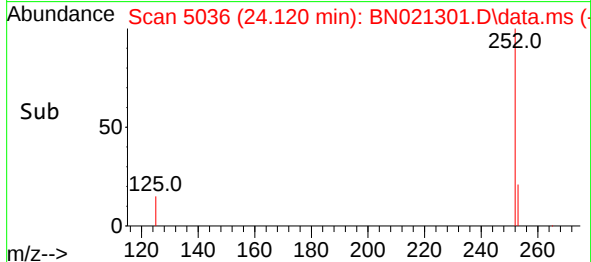
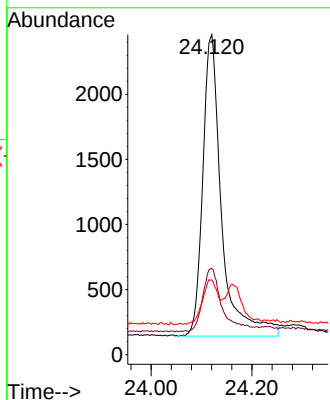


#26
Benzo(a)pyrene
Concen: 0.198 ng/ul
RT: 24.120 min Scan# 5036
Delta R.T. 0.012 min
Lab File: BN021301.D
Acq: 22 Aug 2022 14:26

Instrument :
BNA_N
ClientSampleId :
SSTD0.2238

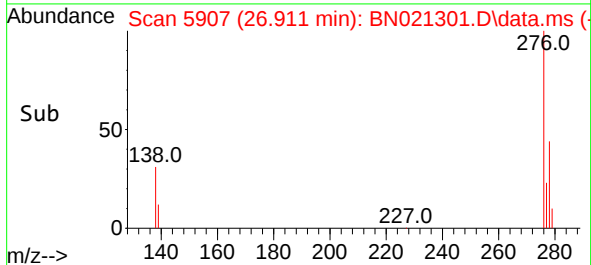
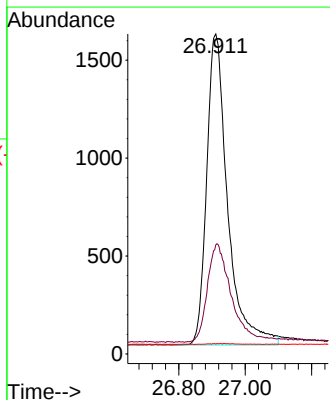
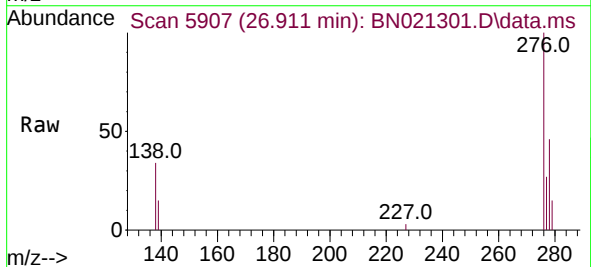


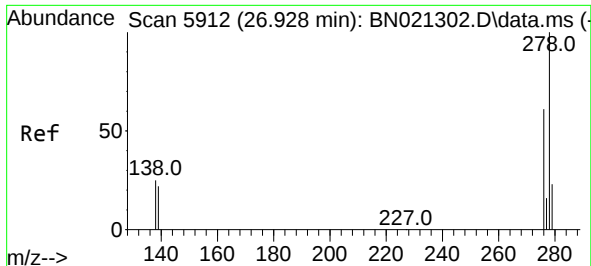
Tgt Ion:252 Resp: 6015
Ion Ratio Lower Upper
252 100
253 27.0 22.1 33.1
125 23.4 14.7 22.1#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.192 ng/ul
RT: 26.911 min Scan# 5907
Delta R.T. 0.007 min
Lab File: BN021301.D
Acq: 22 Aug 2022 14:26

Tgt Ion:276 Resp: 6951
Ion Ratio Lower Upper
276 100
138 36.2 26.1 39.1
227 0.0 0.1 0.1#

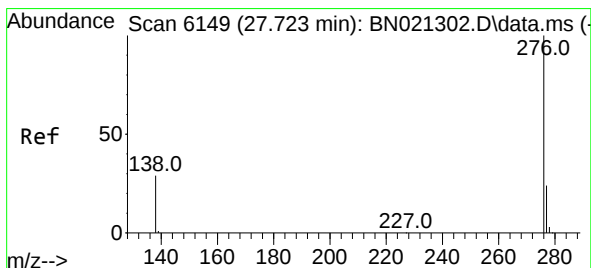
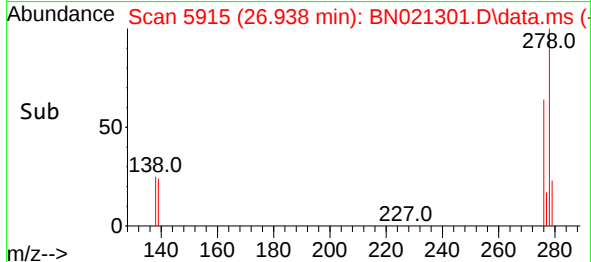
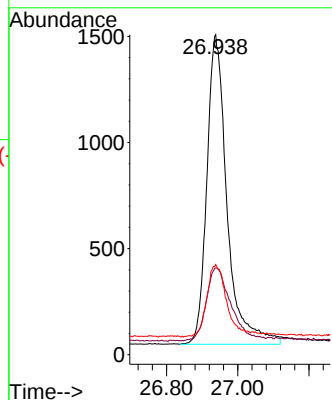
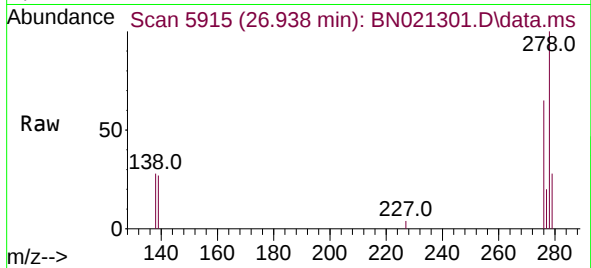




#28
 Dibenzo(a,h)anthracene
 Concen: 0.201 ng/ul
 RT: 26.938 min Scan# 5912
 Delta R.T. 0.010 min
 Lab File: BN021301.D
 Acq: 22 Aug 2022 14:26

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.2238

Tgt Ion: 278 Resp: 5755
 Ion Ratio Lower Upper
 278 100
 139 27.1 18.3 27.5
 279 28.2 23.9 35.9



#29
 Benzo(g,h,i)perylene
 Concen: 0.217 ng/ul
 RT: 27.733 min Scan# 6152
 Delta R.T. 0.010 min
 Lab File: BN021301.D
 Acq: 22 Aug 2022 14:26

Tgt Ion: 276 Resp: 7021
 Ion Ratio Lower Upper
 276 100
 138 31.2 22.6 34.0
 277 26.7 20.2 30.2

