

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081222\
 Data File : BN021213.D
 Acq On : 13 Aug 2022 15:44
 Operator : CG/JU
 Sample : PB146961BS
 Misc :
 ALS Vial : 99 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS961

Quant Time: Aug 14 23:05:03 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 13 04:02:44 2022
 Response via : Initial Calibration

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

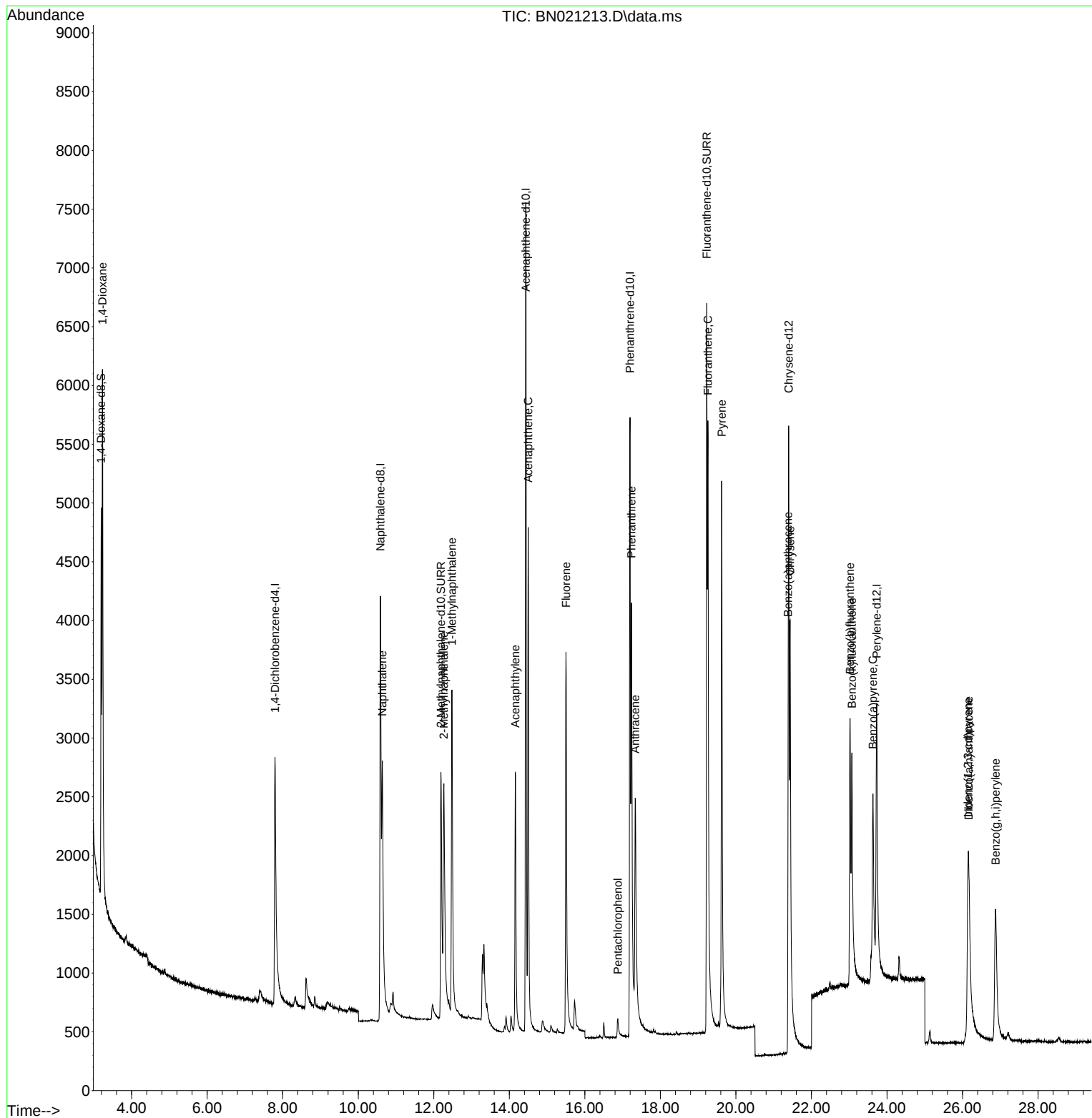
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.797	152	2154	0.400	ng/ul	0.00
4) Naphthalene-d8	10.590	136	7664	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.437	164	4472	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.196	188	7822	0.400	ng/ul	0.00
17) Chrysene-d12	21.398	240	5121	0.400	ng/ul	0.00
23) Perylene-d12	23.728	264	3979	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.194	96	2282	0.828	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.190	152	4358	0.388	ng/ul	0.00
18) Fluoranthene-d10	19.229	212	8755	0.554	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.228	88	2911	1.025	ng/ul#	93
5) Naphthalene	10.639	128	4038	0.172	ng/ul	97
7) 2-Methylnaphthalene	12.267	142	2315	0.162	ng/ul	100
8) 1-Methylnaphthalene	12.481	142	2657	0.186	ng/ul	99
10) Acenaphthylene	14.159	152	3510	0.168	ng/ul	97
11) Acenaphthene	14.502	153	2928	0.169	ng/ul	99
12) Fluorene	15.501	166	3068	0.162	ng/ul	99
14) Pentachlorophenol	16.875	266	206	0.171	ng/ul	97
15) Phenanthrene	17.234	178	4751	0.170	ng/ul	98
16) Anthracene	17.335	178	3601	0.166	ng/ul	97
19) Fluoranthene	19.262	202	5208	0.230	ng/ul	98
20) Pyrene	19.624	202	5413	0.231	ng/ul	95
21) Benzo(a)anthracene	21.384	228	2794	0.167	ng/ul	97
22) Chrysene	21.436	228	3938	0.179	ng/ul	98
24) Benzo(b)fluoranthene	23.023	252	3367	0.183	ng/ul	84
25) Benzo(k)fluoranthene	23.070	252	3563	0.183	ng/ul#	87
26) Benzo(a)pyrene	23.628	252	3180	0.189	ng/ul#	68
27) Indeno(1,2,3-cd)pyrene	26.146	276	3403	0.170	ng/ul	89
28) Dibenzo(a,h)anthracene	26.166	278	2590	0.163	ng/ul#	84
29) Benzo(g,h,i)perylene	26.874	276	3322	0.186	ng/ul	93

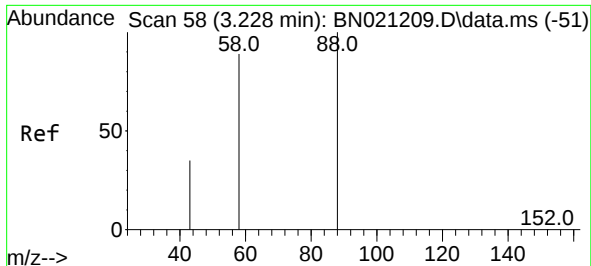
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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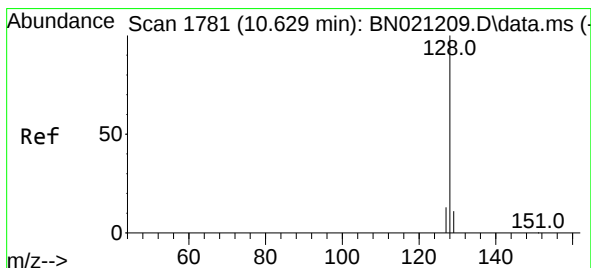
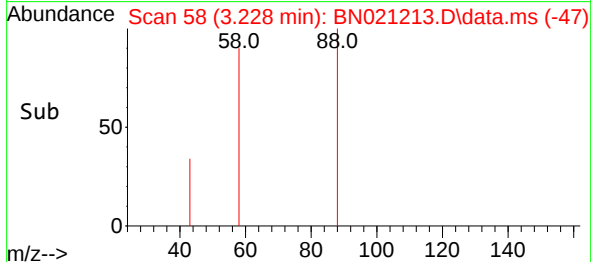
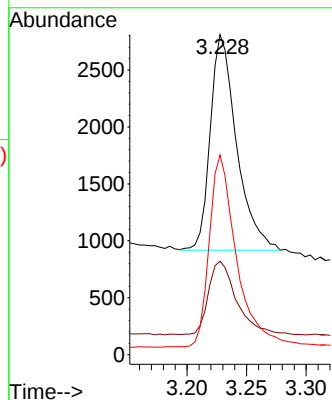
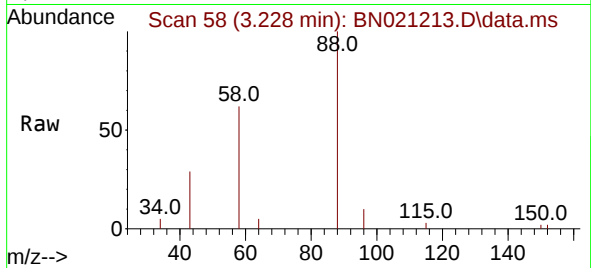




#2
 1,4-Dioxane
 Concen: 1.025 ng/ul
 RT: 3.228 min Scan# 51
 Delta R.T. -0.004 min
 Lab File: BN021213.D
 Acq: 13 Aug 2022 15:44

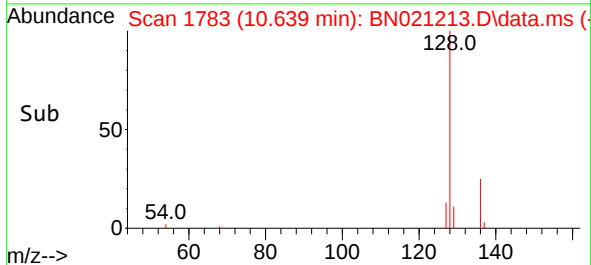
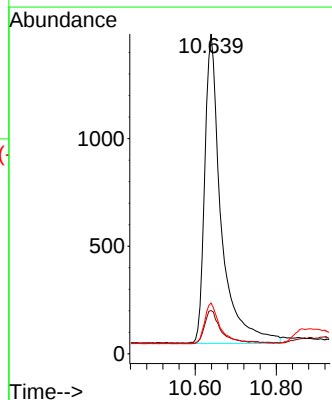
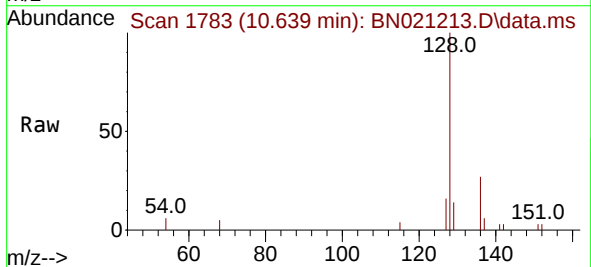
Instrument :
 BNA_N
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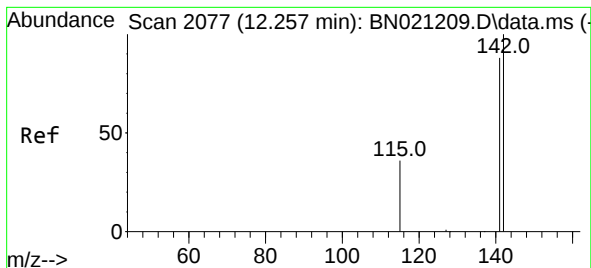
Tgt Ion: 88 Resp: 2911
 Ion Ratio Lower Upper
 88 100
 43 29.2 31.4 47.0#
 58 62.4 49.0 73.6



#5
 Naphthalene
 Concen: 0.172 ng/ul
 RT: 10.639 min Scan# 1783
 Delta R.T. 0.010 min
 Lab File: BN021213.D
 Acq: 13 Aug 2022 15:44

Tgt Ion:128 Resp: 4038
 Ion Ratio Lower Upper
 128 100
 129 13.5 9.8 14.6
 127 15.9 11.6 17.4

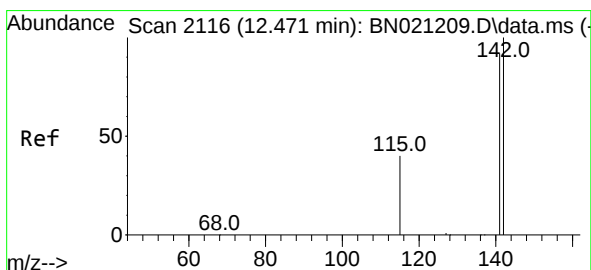
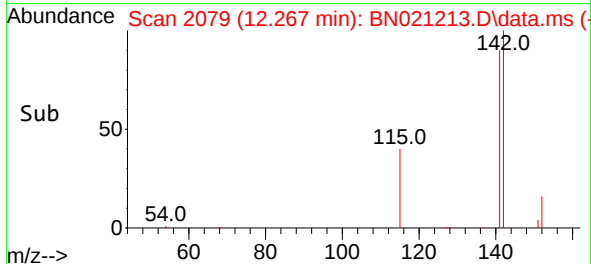
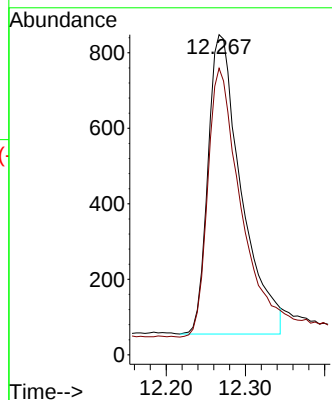
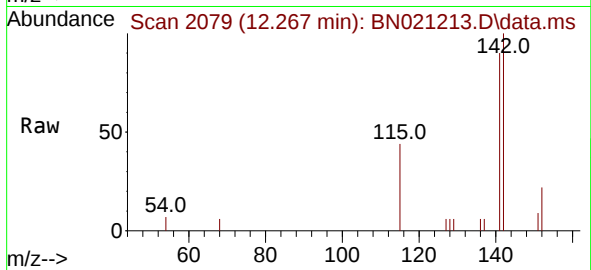




#7
2-Methylnaphthalene
Concen: 0.162 ng/ul
RT: 12.267 min Scan# 2079
Delta R.T. 0.010 min
Lab File: BN021213.D
Acq: 13 Aug 2022 15:44

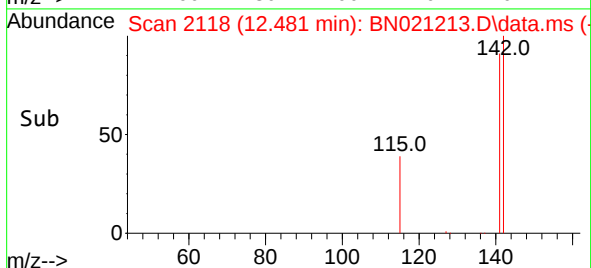
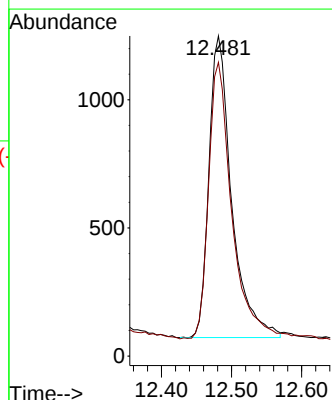
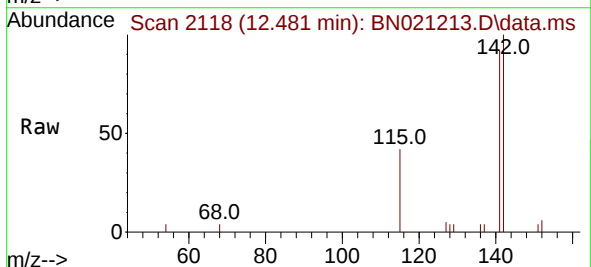
Instrument :
BNA_N
ClientSampleId :
SLCS961

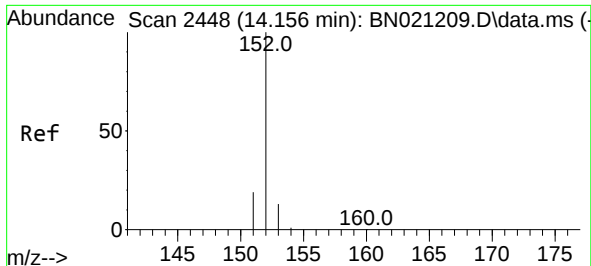
Tgt Ion:142 Resp: 2315
Ion Ratio Lower Upper
142 100
141 89.8 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.186 ng/ul
RT: 12.481 min Scan# 2118
Delta R.T. 0.004 min
Lab File: BN021213.D
Acq: 13 Aug 2022 15:44

Tgt Ion:142 Resp: 2657
Ion Ratio Lower Upper
142 100
141 93.2 73.9 110.9

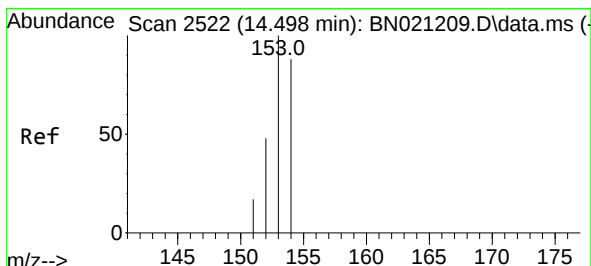
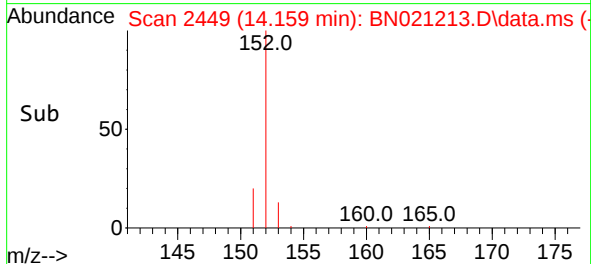
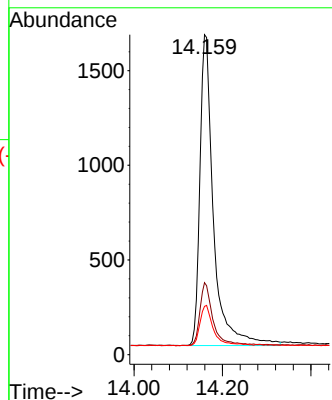
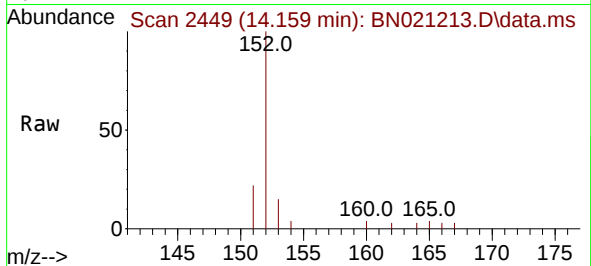




#10
Acenaphthylene
Concen: 0.168 ng/ul
RT: 14.159 min Scan# 2449
Delta R.T. 0.003 min
Lab File: BN021213.D
Acq: 13 Aug 2022 15:44

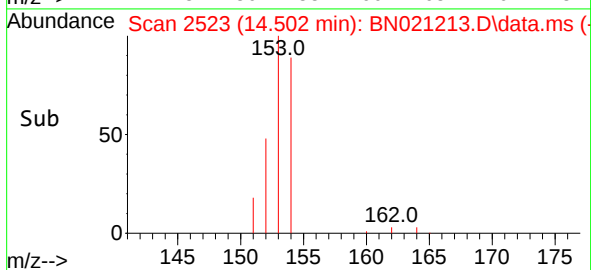
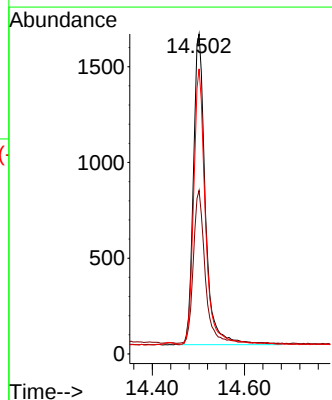
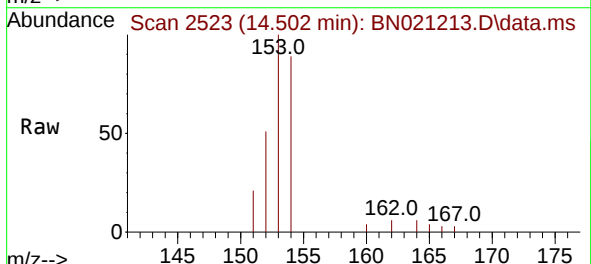
Instrument :
BNA_N
ClientSampleId :
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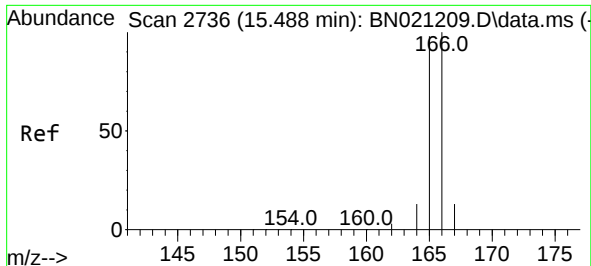
Tgt Ion:152 Resp: 3510
Ion Ratio Lower Upper
152 100
151 22.5 16.9 25.3
153 15.1 11.2 16.8



#11
Acenaphthene
Concen: 0.169 ng/ul
RT: 14.502 min Scan# 2523
Delta R.T. 0.003 min
Lab File: BN021213.D
Acq: 13 Aug 2022 15:44

Tgt Ion:153 Resp: 2928
Ion Ratio Lower Upper
153 100
152 51.1 40.2 60.4
154 89.1 70.7 106.1

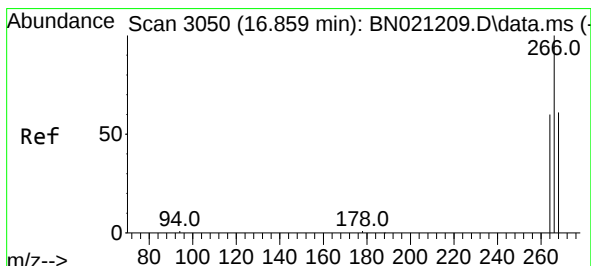
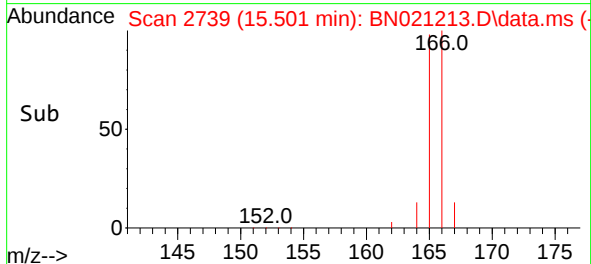
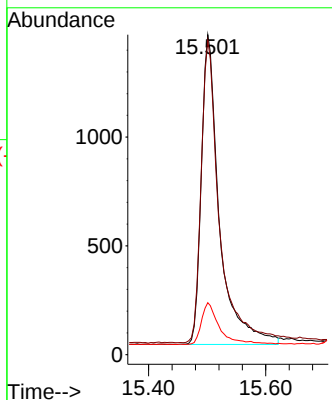
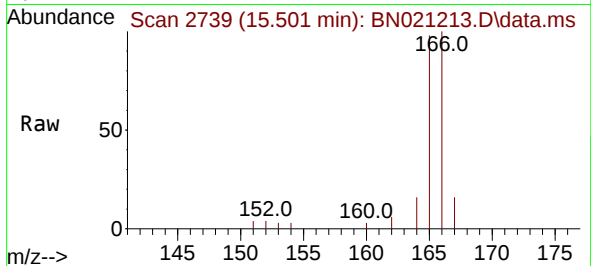




#12
Fluorene
Concen: 0.162 ng/ul
RT: 15.501 min Scan# 21
Delta R.T. 0.008 min
Lab File: BN021213.D
Acq: 13 Aug 2022 15:44

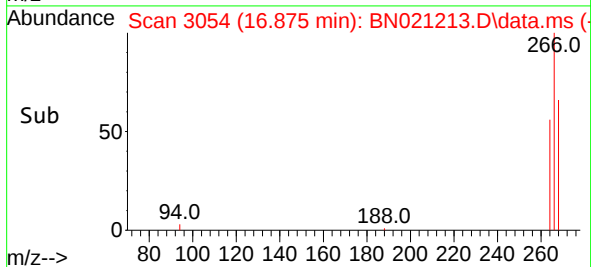
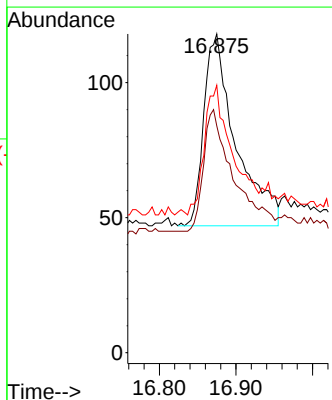
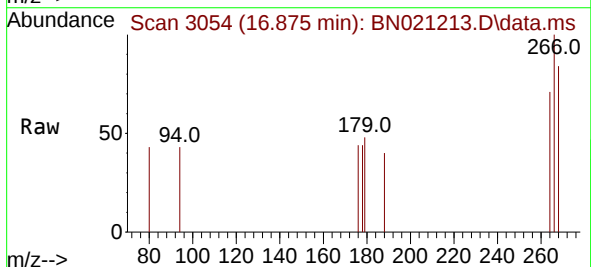
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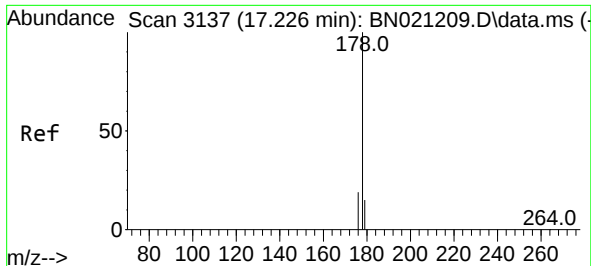
Tgt Ion:166 Resp: 3068
Ion Ratio Lower Upper
166 100
165 98.2 78.6 117.8
167 16.2 11.8 17.6



#14
Pentachlorophenol
Concen: 0.171 ng/ul
RT: 16.875 min Scan# 3054
Delta R.T. 0.012 min
Lab File: BN021213.D
Acq: 13 Aug 2022 15:44

Tgt Ion:266 Resp: 206
Ion Ratio Lower Upper
266 100
264 60.2 49.8 74.8
268 65.5 50.6 75.8

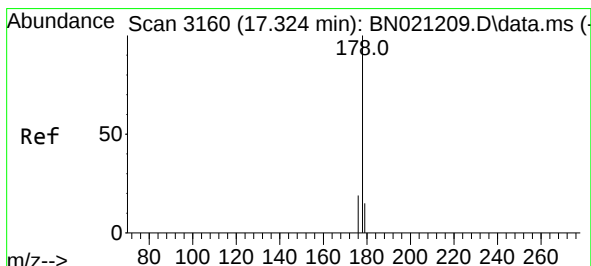
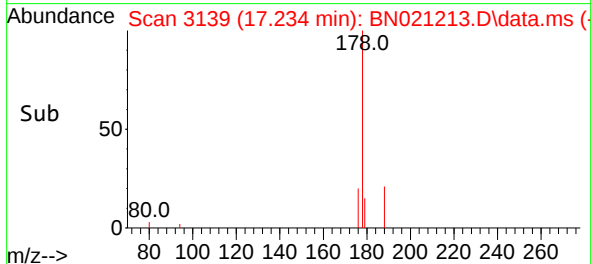
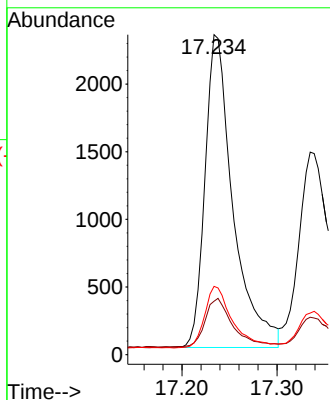
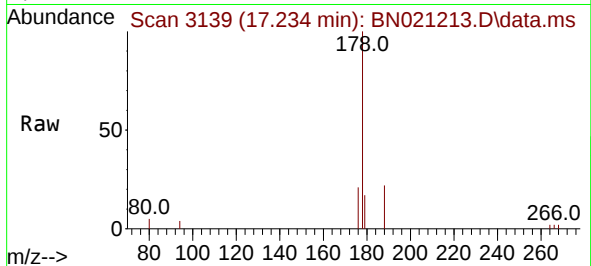




#15
Phenanthrene
Concen: 0.170 ng/ul
RT: 17.234 min Scan# 3137
Delta R.T. 0.003 min
Lab File: BN021213.D
Acq: 13 Aug 2022 15:44

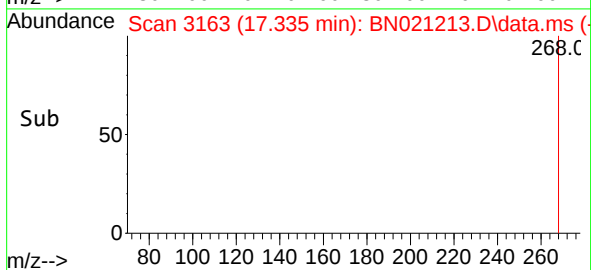
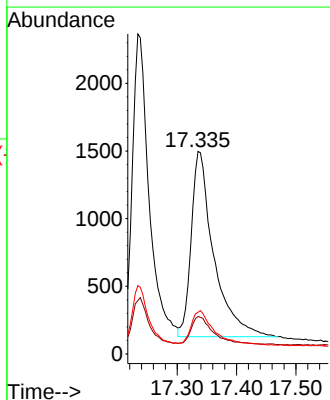
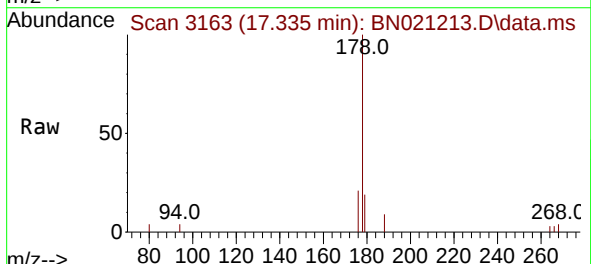
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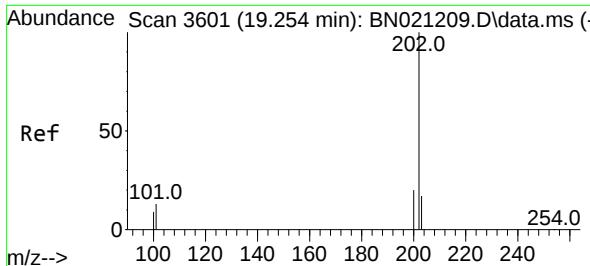
Tgt Ion:178 Resp: 4751
Ion Ratio Lower Upper
178 100
179 16.7 12.8 19.2
176 21.4 15.9 23.9



#16
Anthracene
Concen: 0.166 ng/ul
RT: 17.335 min Scan# 3163
Delta R.T. 0.007 min
Lab File: BN021213.D
Acq: 13 Aug 2022 15:44

Tgt Ion:178 Resp: 3601
Ion Ratio Lower Upper
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179 18.5 12.9 19.3
176 20.5 15.9 23.9

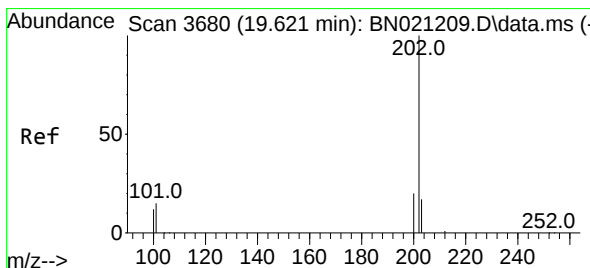
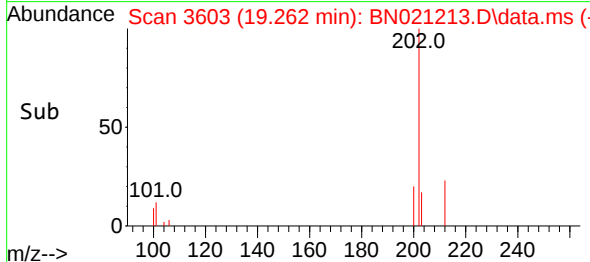
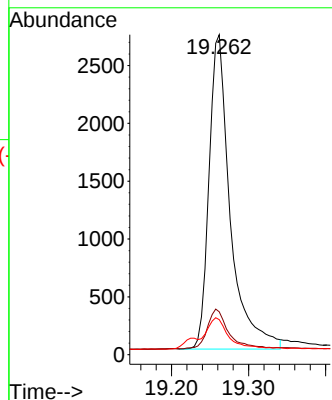
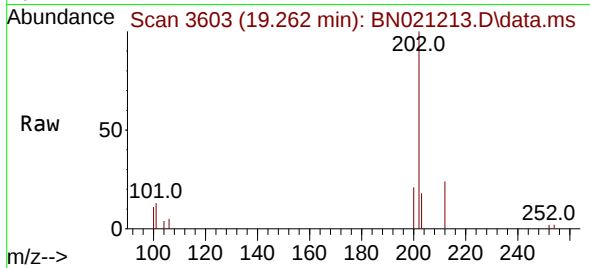




#19
Fluoranthene
Concen: 0.230 ng/ul
RT: 19.262 min Scan# 3603
Delta R.T. 0.003 min
Lab File: BN021213.D
Acq: 13 Aug 2022 15:44

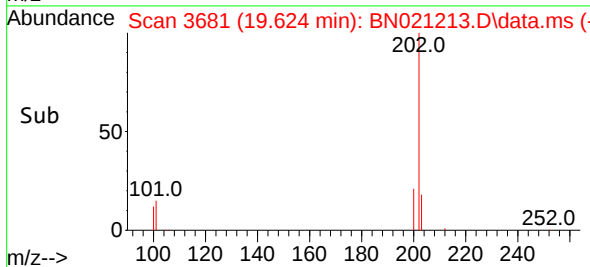
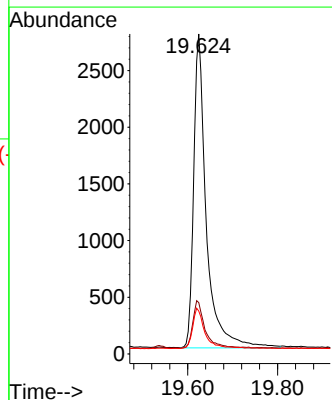
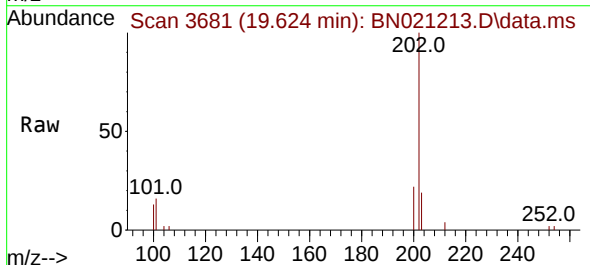
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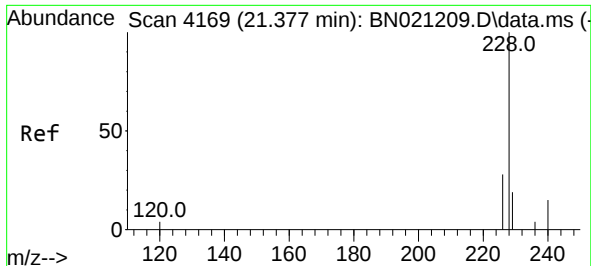
Tgt Ion:202 Resp: 5208
Ion Ratio Lower Upper
202 100
101 13.4 10.0 15.0
100 11.0 8.0 12.0



#20
Pyrene
Concen: 0.231 ng/ul
RT: 19.624 min Scan# 3681
Delta R.T. 0.003 min
Lab File: BN021213.D
Acq: 13 Aug 2022 15:44

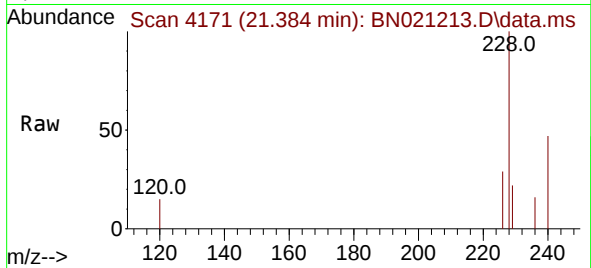
Tgt Ion:202 Resp: 5413
Ion Ratio Lower Upper
202 100
101 16.0 11.3 16.9
100 13.4 9.0 13.4



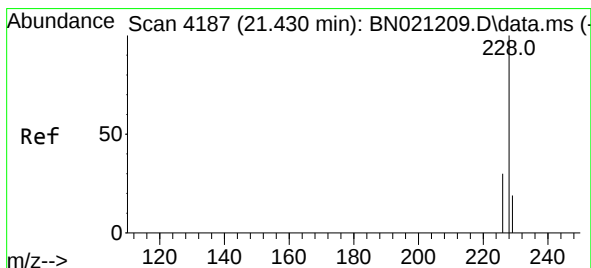
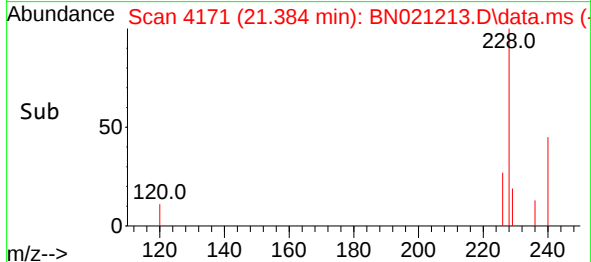
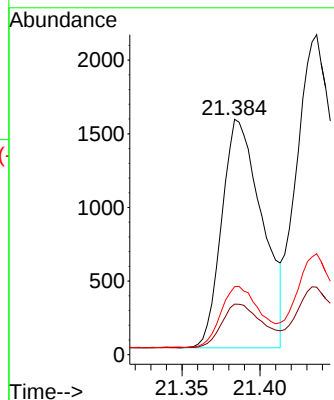


#21
Benzo(a)anthracene
Concen: 0.167 ng/ul
RT: 21.384 min Scan# 4171
Delta R.T. 0.003 min
Lab File: BN021213.D
Acq: 13 Aug 2022 15:44

Instrument :
BNA_N
ClientSampleId :
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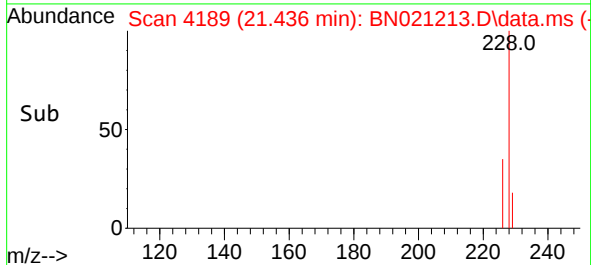
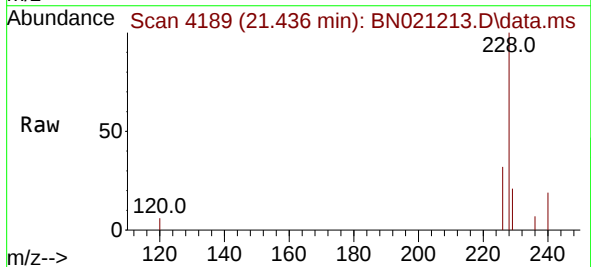
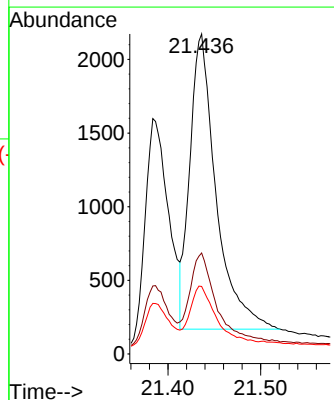


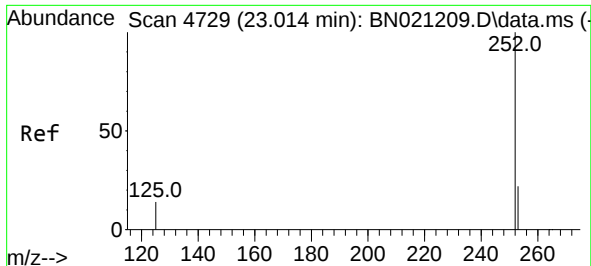
Tgt Ion:228 Resp: 2794
Ion Ratio Lower Upper
228 100
229 21.5 16.0 24.0
226 28.9 21.9 32.9



#22
Chrysene
Concen: 0.179 ng/ul
RT: 21.436 min Scan# 4189
Delta R.T. 0.006 min
Lab File: BN021213.D
Acq: 13 Aug 2022 15:44

Tgt Ion:228 Resp: 3938
Ion Ratio Lower Upper
228 100
226 31.6 24.6 37.0
229 21.1 15.8 23.8

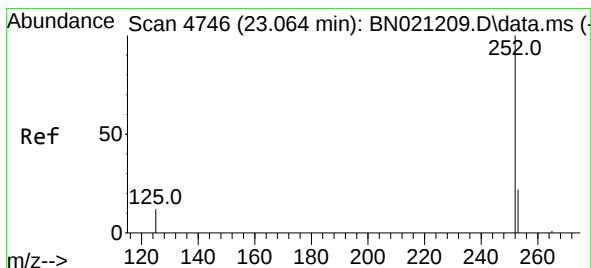
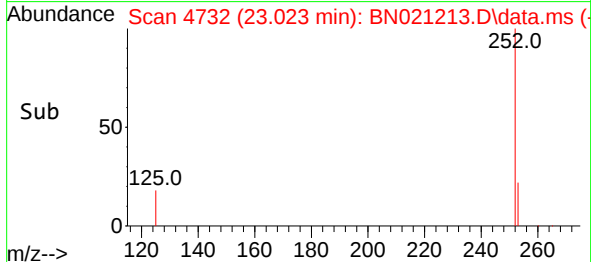
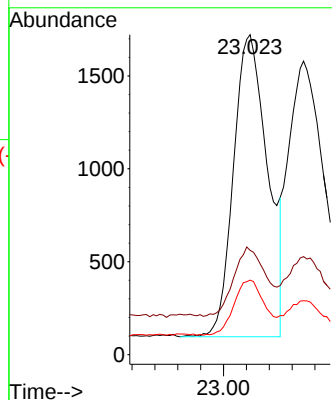
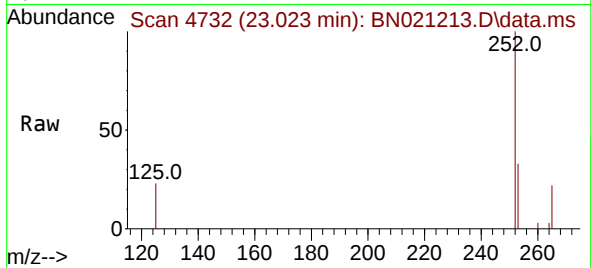




#24
Benzo(b)fluoranthene
Concen: 0.183 ng/ul
RT: 23.023 min Scan# 4732
Delta R.T. 0.006 min
Lab File: BN021213.D
Acq: 13 Aug 2022 15:44

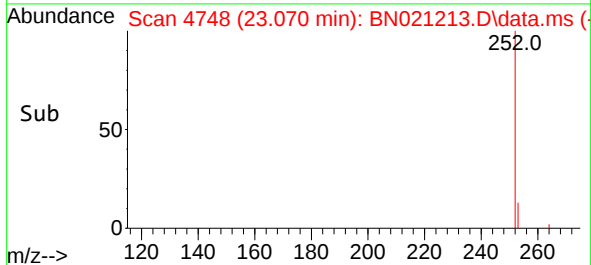
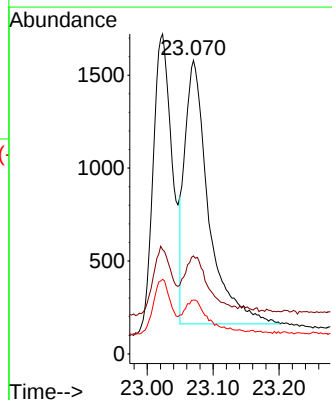
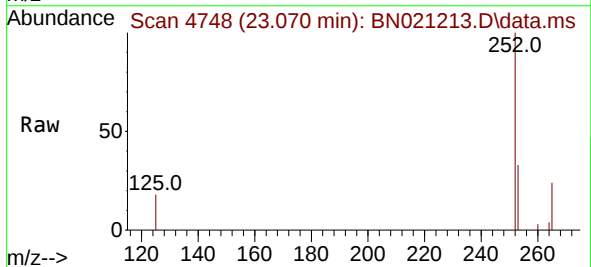
Instrument :
BNA_N
ClientSampleId :
SLCS961

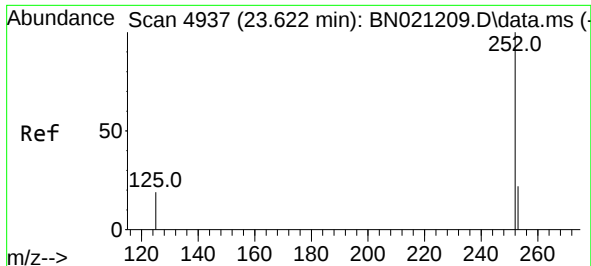
Tgt Ion:252 Resp: 3367
Ion Ratio Lower Upper
252 100
253 32.6 0.0 50.8
125 23.3 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.183 ng/ul
RT: 23.070 min Scan# 4748
Delta R.T. 0.006 min
Lab File: BN021213.D
Acq: 13 Aug 2022 15:44

Tgt Ion:252 Resp: 3563
Ion Ratio Lower Upper
252 100
253 33.4 20.6 31.0#
125 18.4 11.8 17.6#

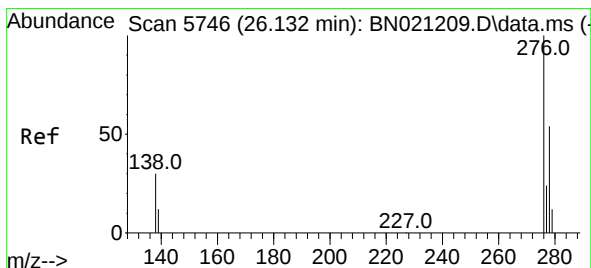
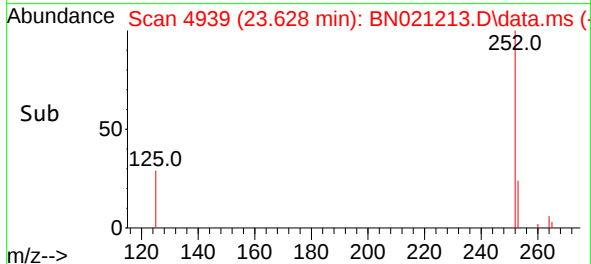
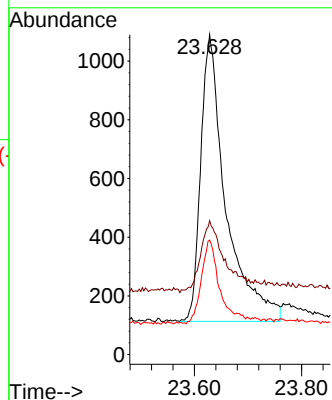
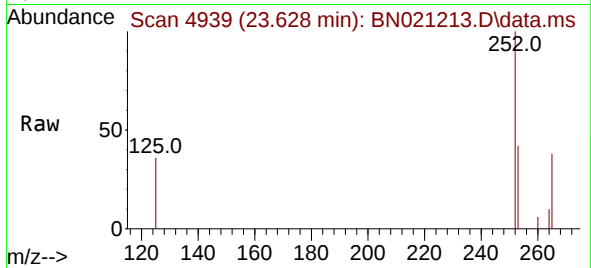




#26
Benzo(a)pyrene
Concen: 0.189 ng/ul
RT: 23.628 min Scan# 4937
Delta R.T. 0.006 min
Lab File: BN021213.D
Acq: 13 Aug 2022 15:44

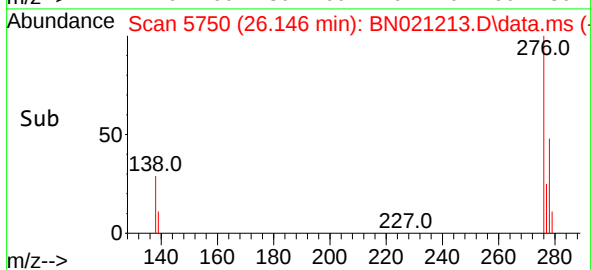
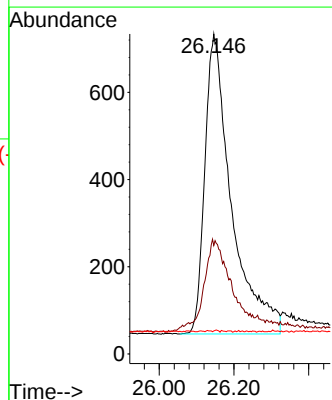
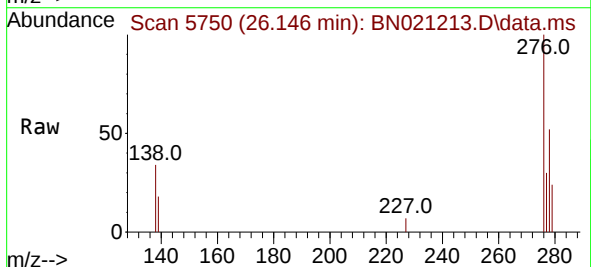
Instrument :
BNA_N
ClientSampleId :
SLCS961

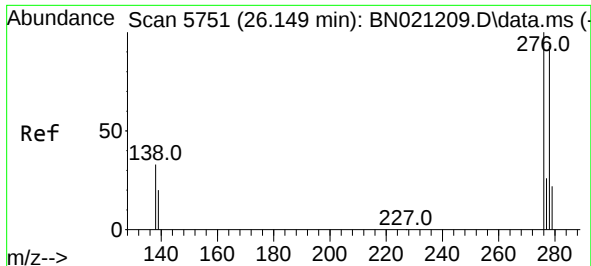
Tgt Ion:252 Resp: 3180
Ion Ratio Lower Upper
252 100
253 41.8 22.1 33.1#
125 35.8 14.7 22.1#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.170 ng/ul
RT: 26.146 min Scan# 5750
Delta R.T. 0.011 min
Lab File: BN021213.D
Acq: 13 Aug 2022 15:44

Tgt Ion:276 Resp: 3403
Ion Ratio Lower Upper
276 100
138 26.3 26.1 39.1
227 0.1 0.1 0.1

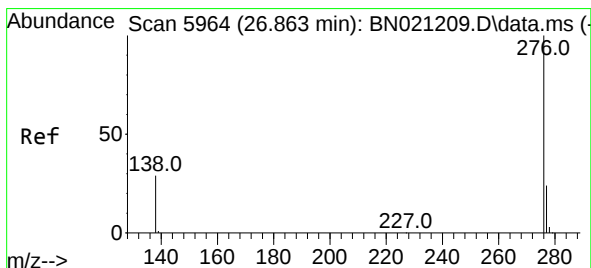
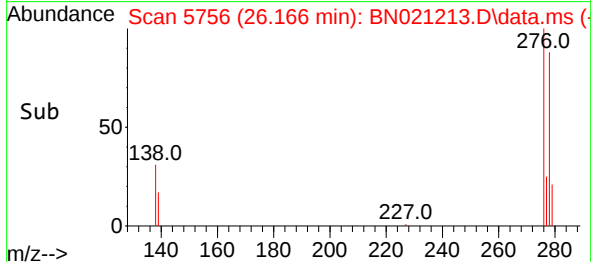
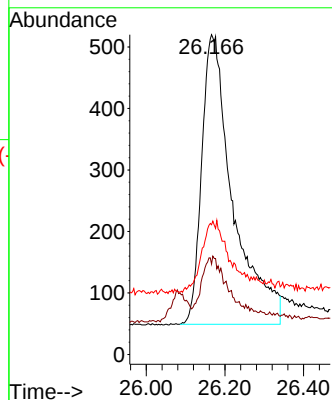
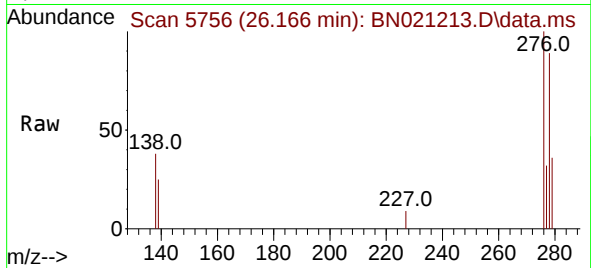




#28
Dibenzo(a,h)anthracene
Concen: 0.163 ng/ul
RT: 26.166 min Scan# 51
Delta R.T. 0.017 min
Lab File: BN021213.D
Acq: 13 Aug 2022 15:44

Instrument :
BNA_N
ClientSampleId :
SLCS961

Tgt Ion:278 Resp: 2590
Ion Ratio Lower Upper
278 100
139 28.3 18.3 27.5#
279 40.6 23.9 35.9#



#29
Benzo(g,h,i)perylene
Concen: 0.186 ng/ul
RT: 26.874 min Scan# 5967
Delta R.T. 0.004 min
Lab File: BN021213.D
Acq: 13 Aug 2022 15:44

Tgt Ion:276 Resp: 3322
Ion Ratio Lower Upper
276 100
138 33.1 22.6 34.0
277 27.9 20.2 30.2

