

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080122\
 Data File : BN020928.D
 Acq On : 01 Aug 2022 20:14
 Operator : CG/JU
 Sample : SSTD0.424
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4225

Quant Time: Aug 02 03:36:20 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 03:35:30 2022
 Response via : Initial Calibration

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

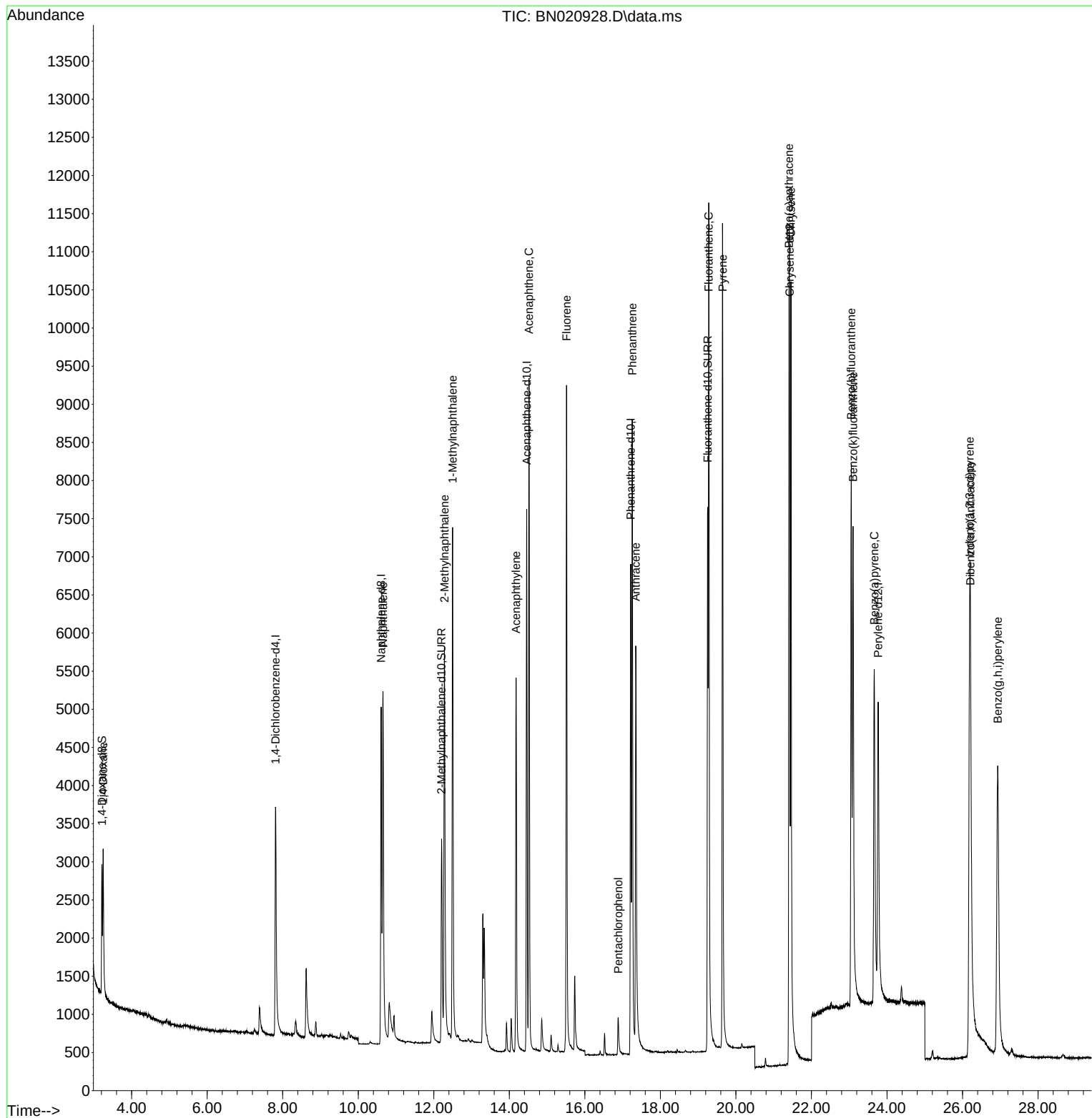
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.814	152	2323	0.400	ng/ul	0.00
4) Naphthalene-d8	10.607	136	7264	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.461	164	4237	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.214	188	8487	0.400	ng/ul	0.00
17) Chrysene-d12	21.421	240	7378	0.400	ng/ul	0.00
23) Perylene-d12	23.765	264	6366	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.215	96	1146	0.411	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.208	152	4292	0.389	ng/ul	0.00
18) Fluoranthene-d10	19.254	212	9019	0.383	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.244	88	1235	0.431	ng/ul	100
5) Naphthalene	10.657	128	7795	0.342	ng/ul	100
7) 2-Methylnaphthalene	12.285	142	4771	0.332	ng/ul	100
8) 1-Methylnaphthalene	12.499	142	5300	0.380	ng/ul	100
10) Acenaphthylene	14.179	152	6617	0.314	ng/ul	100
11) Acenaphthene	14.521	153	5556	0.326	ng/ul	100
12) Fluorene	15.516	166	6260	0.335	ng/ul	100
14) Pentachlorophenol	16.885	266	478	0.374	ng/ul	100
15) Phenanthrene	17.256	178	10042	0.323	ng/ul	100
16) Anthracene	17.349	178	7988	0.321	ng/ul	100
19) Fluoranthene	19.282	202	10877	0.315	ng/ul	100
20) Pyrene	19.649	202	11196	0.311	ng/ul	100
21) Benzo(a)anthracene	21.407	228	8161	0.335	ng/ul	100
22) Chrysene	21.456	228	10141	0.323	ng/ul	100
24) Benzo(b)fluoranthene	23.055	252	9678	0.321	ng/ul	100
25) Benzo(k)fluoranthene	23.102	252	10170	0.326	ng/ul	100
26) Benzo(a)pyrene	23.663	252	8850	0.318	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.189	276	10456	0.357	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.212	278	8337	0.374	ng/ul	100
29) Benzo(g,h,i)perylene	26.933	276	9768	0.370	ng/ul	100

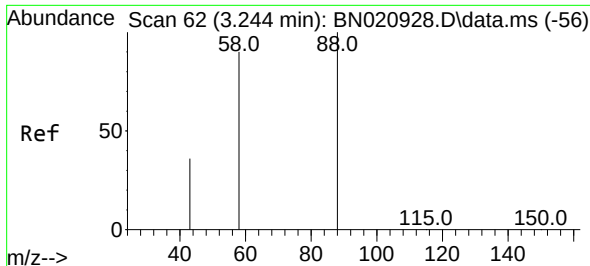
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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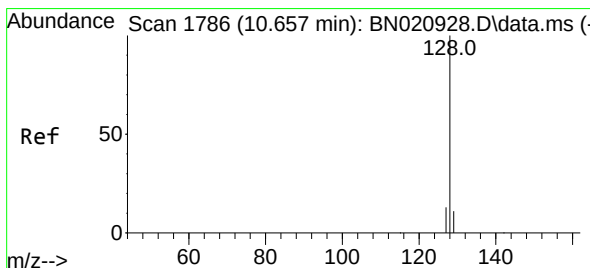
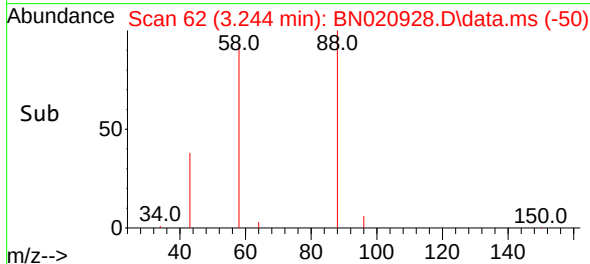
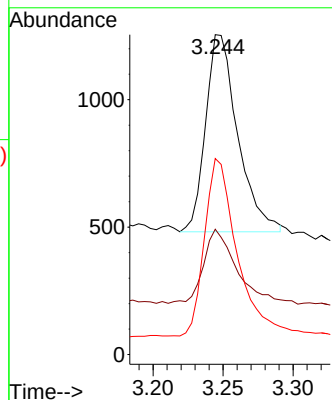
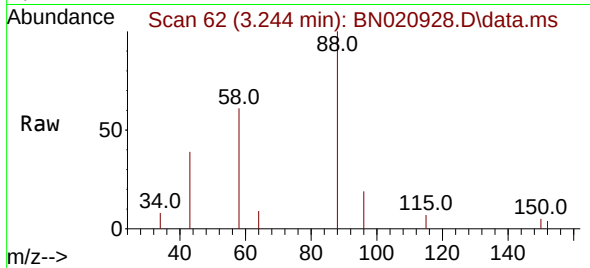




#2
 1,4-Dioxane
 Concen: 0.431 ng/ul
 RT: 3.244 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN020928.D
 Acq: 01 Aug 2022 20:14

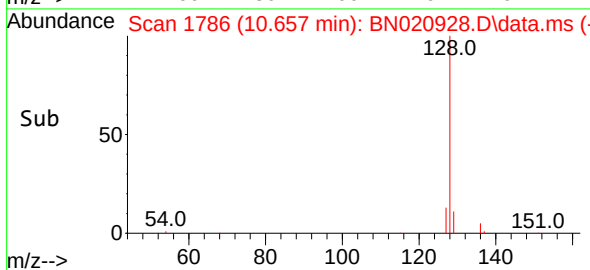
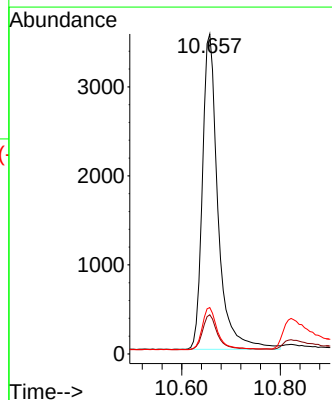
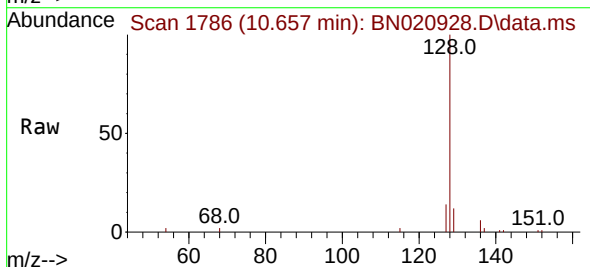
Instrument :
 BNA_N
 ClientSampleId :
 SST00.4225

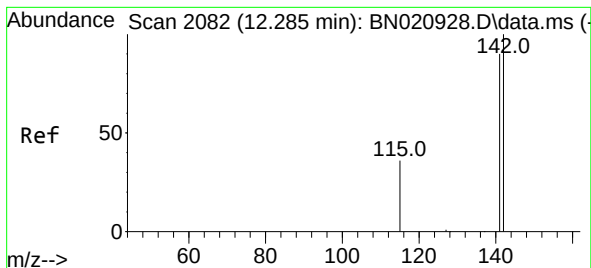
Tgt Ion: 88 Resp: 1235
 Ion Ratio Lower Upper
 88 100
 43 39.2 31.4 47.0
 58 61.3 49.0 73.6



#5
 Naphthalene
 Concen: 0.342 ng/ul
 RT: 10.657 min Scan# 1786
 Delta R.T. 0.000 min
 Lab File: BN020928.D
 Acq: 01 Aug 2022 20:14

Tgt Ion: 128 Resp: 7795
 Ion Ratio Lower Upper
 128 100
 129 12.2 9.8 14.6
 127 14.5 11.6 17.4

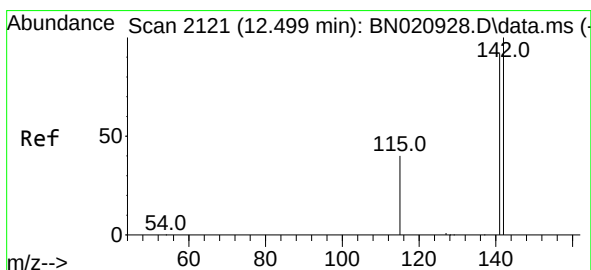
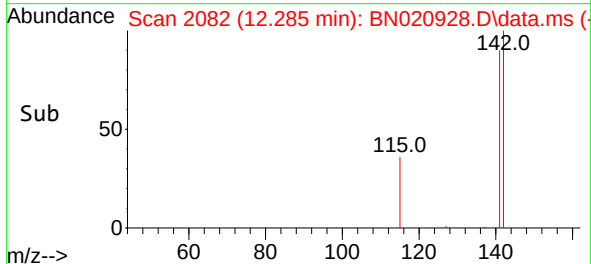
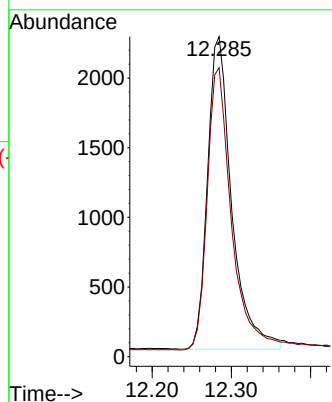
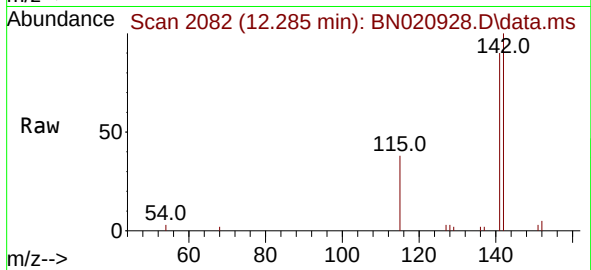




#7
2-Methylnaphthalene
Concen: 0.332 ng/ul
RT: 12.285 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BN020928.D
Acq: 01 Aug 2022 20:14

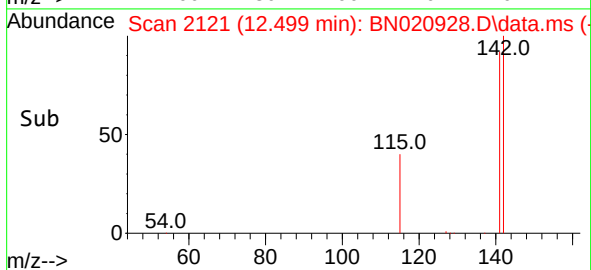
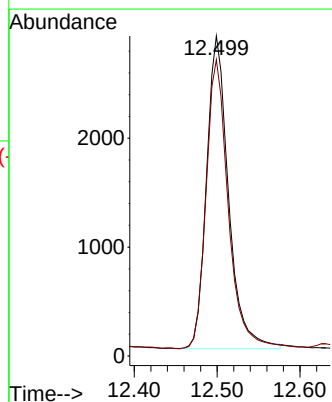
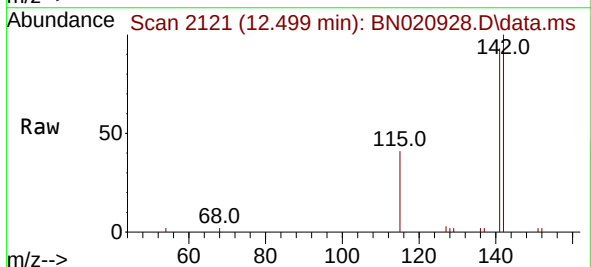
Instrument :
BNA_N
ClientSampleId :
SSTD0.4225

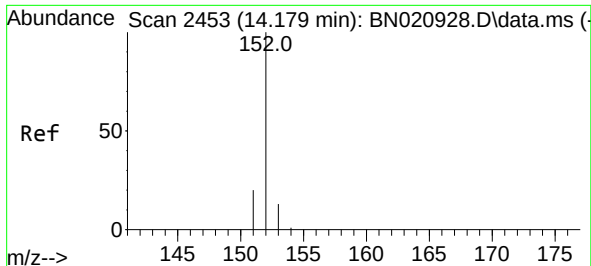
Tgt Ion:142 Resp: 4771
Ion Ratio Lower Upper
142 100
141 90.2 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.380 ng/ul
RT: 12.499 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BN020928.D
Acq: 01 Aug 2022 20:14

Tgt Ion:142 Resp: 5300
Ion Ratio Lower Upper
142 100
141 92.4 73.9 110.9

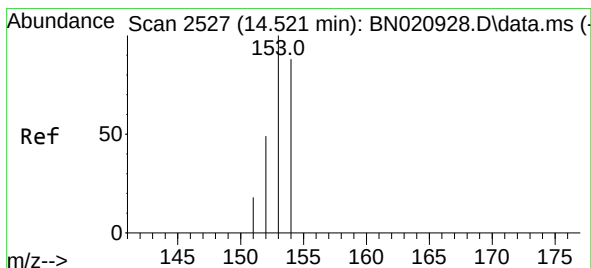
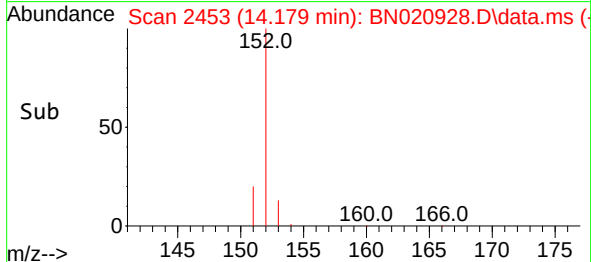
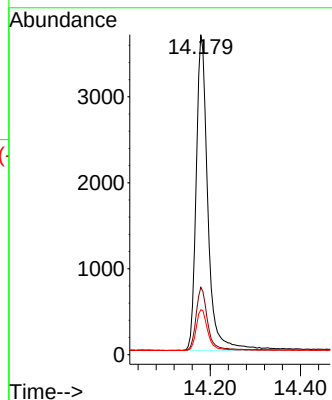
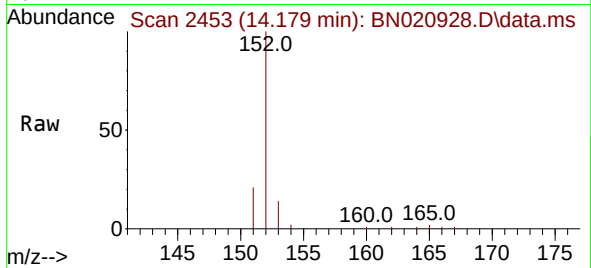




#10
Acenaphthylene
Concen: 0.314 ng/ul
RT: 14.179 min Scan# 2453
Delta R.T. 0.000 min
Lab File: BN020928.D
Acq: 01 Aug 2022 20:14

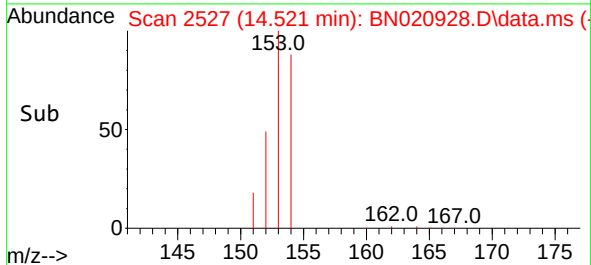
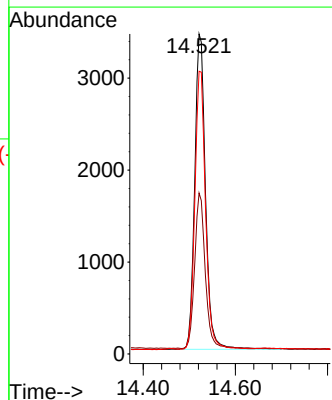
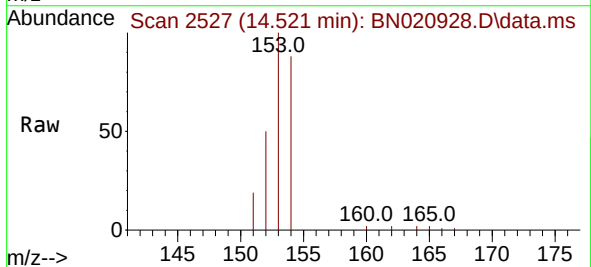
Instrument :
BNA_N
ClientSampleId :
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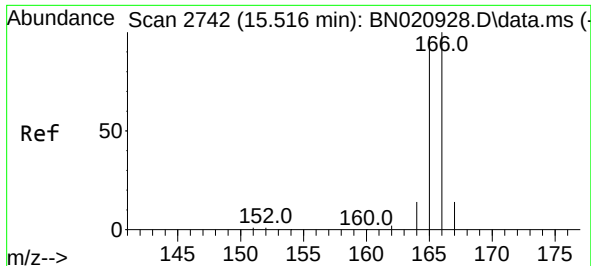
Tgt Ion:152 Resp: 6617
Ion Ratio Lower Upper
152 100
151 21.1 16.9 25.3
153 14.0 11.2 16.8



#11
Acenaphthene
Concen: 0.326 ng/ul
RT: 14.521 min Scan# 2527
Delta R.T. 0.000 min
Lab File: BN020928.D
Acq: 01 Aug 2022 20:14

Tgt Ion:153 Resp: 5556
Ion Ratio Lower Upper
153 100
152 50.3 40.2 60.4
154 88.4 70.7 106.1

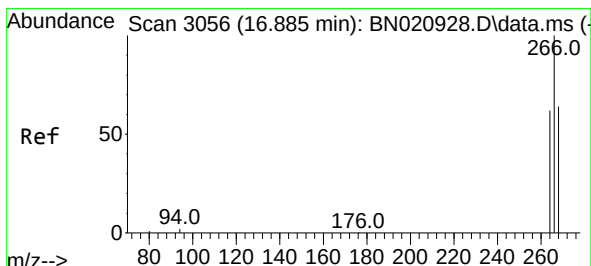
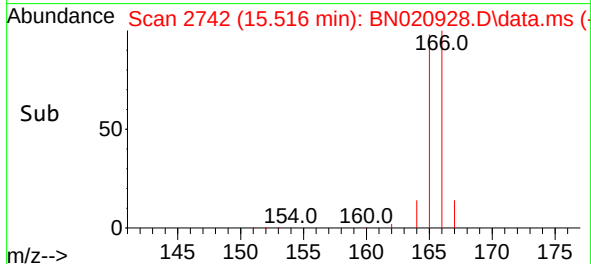
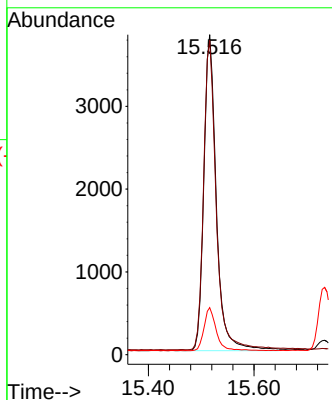
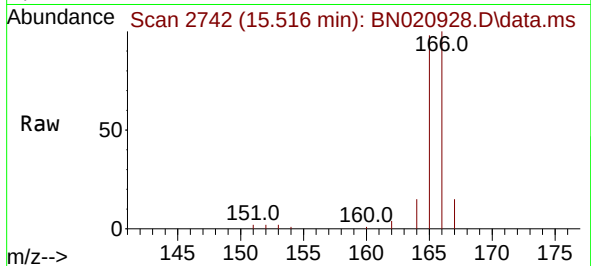




#12
Fluorene
Concen: 0.335 ng/ul
RT: 15.516 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN020928.D
Acq: 01 Aug 2022 20:14

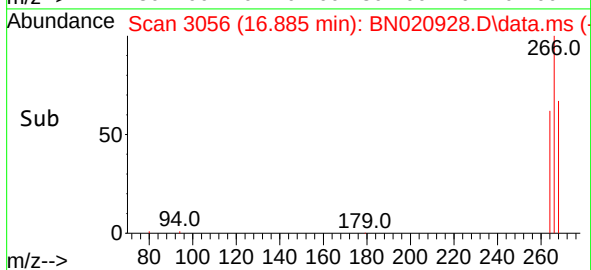
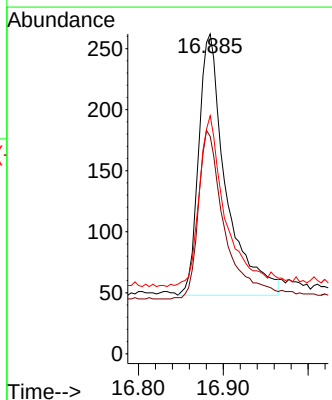
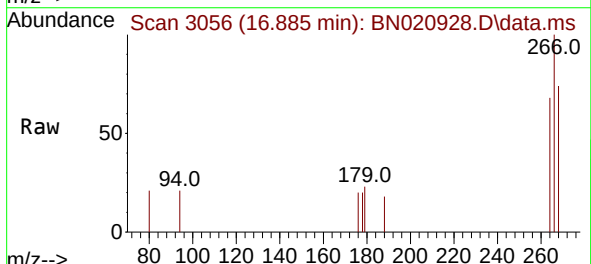
Instrument :
BNA_N
ClientSampleId :
SSTD0.4225

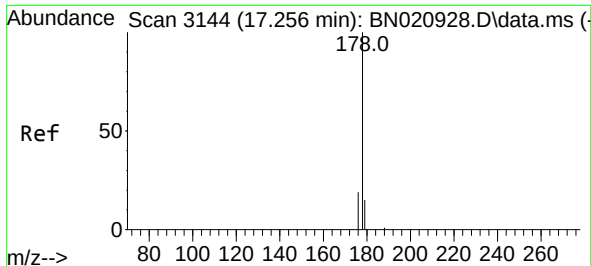
Tgt Ion:166 Resp: 6260
Ion Ratio Lower Upper
166 100
165 98.2 78.6 117.8
167 14.7 11.8 17.6



#14
Pentachlorophenol
Concen: 0.374 ng/ul
RT: 16.885 min Scan# 3056
Delta R.T. 0.000 min
Lab File: BN020928.D
Acq: 01 Aug 2022 20:14

Tgt Ion:266 Resp: 478
Ion Ratio Lower Upper
266 100
264 62.3 49.8 74.8
268 63.2 50.6 75.8

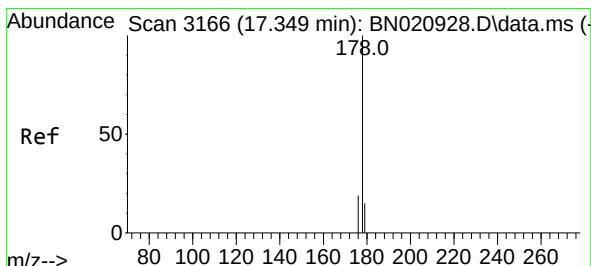
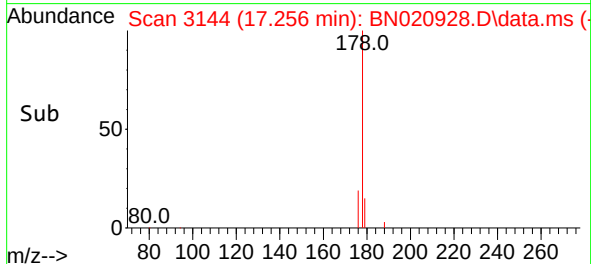
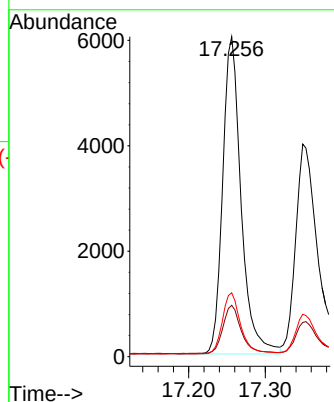
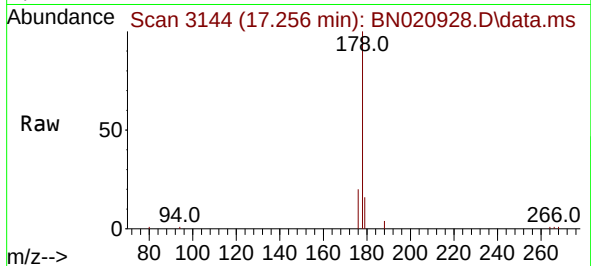




#15
Phenanthrene
Concen: 0.323 ng/ul
RT: 17.256 min Scan# 3144
Delta R.T. 0.000 min
Lab File: BN020928.D
Acq: 01 Aug 2022 20:14

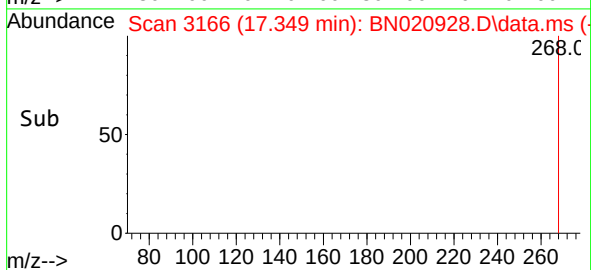
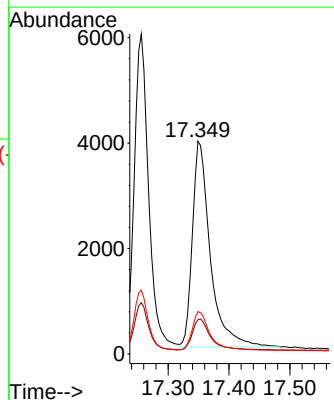
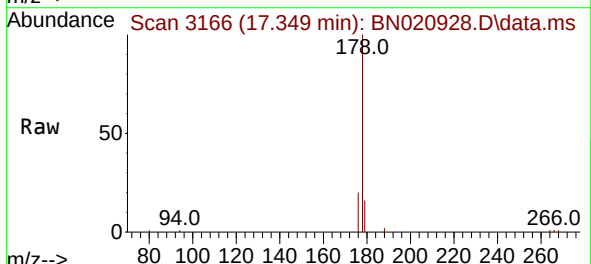
Instrument :
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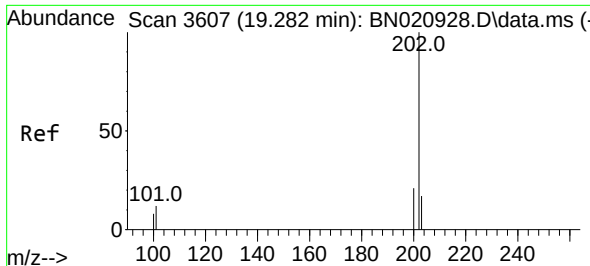
Tgt Ion:178 Resp: 10042
Ion Ratio Lower Upper
178 100
179 16.0 12.8 19.2
176 19.9 15.9 23.9



#16
Anthracene
Concen: 0.321 ng/ul
RT: 17.349 min Scan# 3166
Delta R.T. 0.000 min
Lab File: BN020928.D
Acq: 01 Aug 2022 20:14

Tgt Ion:178 Resp: 7988
Ion Ratio Lower Upper
178 100
179 16.1 12.9 19.3
176 19.9 15.9 23.9

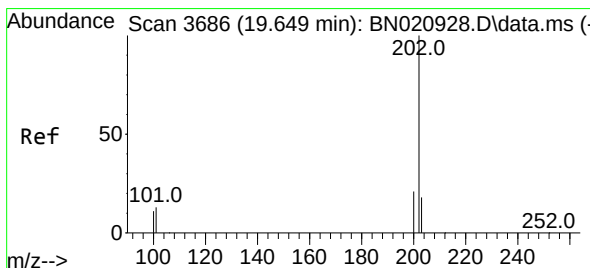
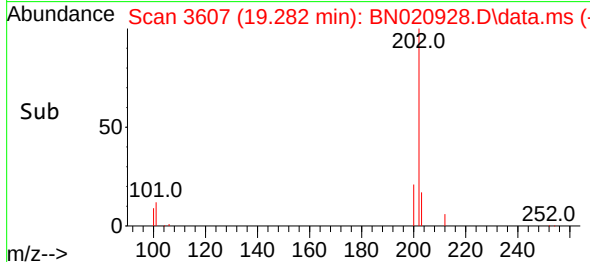
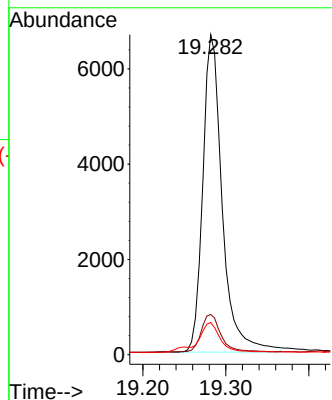
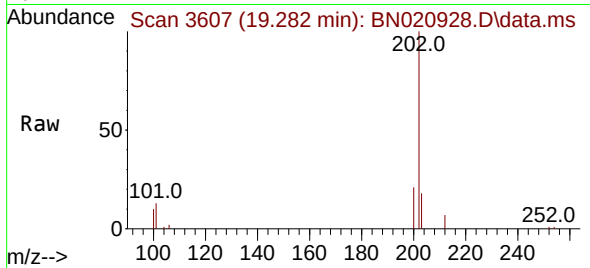




#19
Fluoranthene
Concen: 0.315 ng/ul
RT: 19.282 min Scan# 3607
Delta R.T. 0.000 min
Lab File: BN020928.D
Acq: 01 Aug 2022 20:14

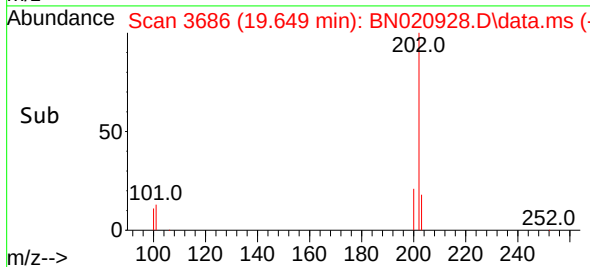
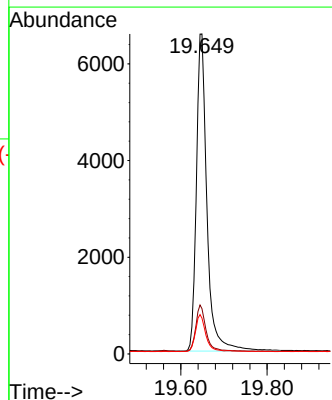
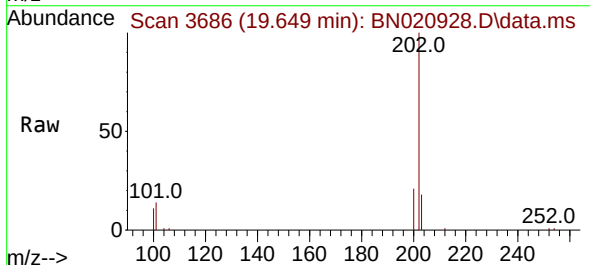
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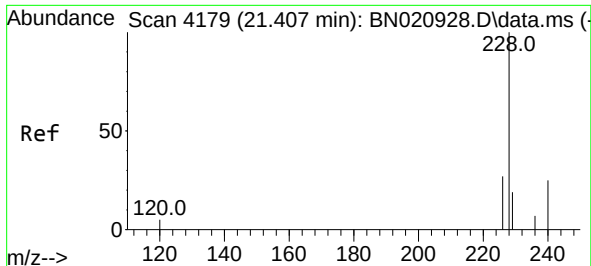
Tgt Ion:202 Resp: 10877
Ion Ratio Lower Upper
202 100
101 12.5 10.0 15.0
100 10.0 8.0 12.0



#20
Pyrene
Concen: 0.311 ng/ul
RT: 19.649 min Scan# 3686
Delta R.T. 0.000 min
Lab File: BN020928.D
Acq: 01 Aug 2022 20:14

Tgt Ion:202 Resp: 11196
Ion Ratio Lower Upper
202 100
101 14.1 11.3 16.9
100 11.2 9.0 13.4

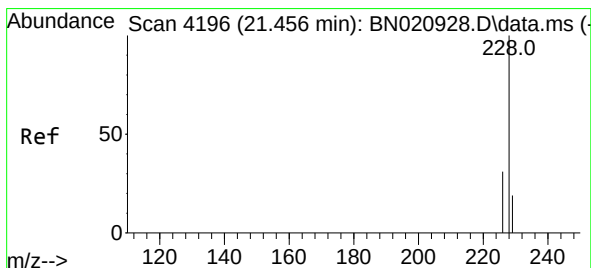
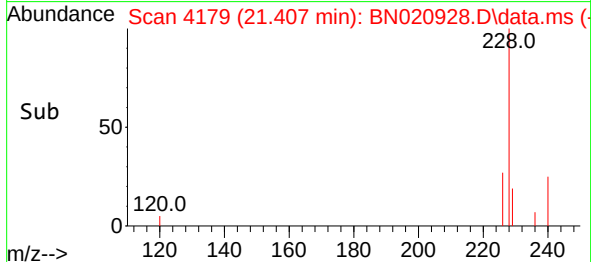
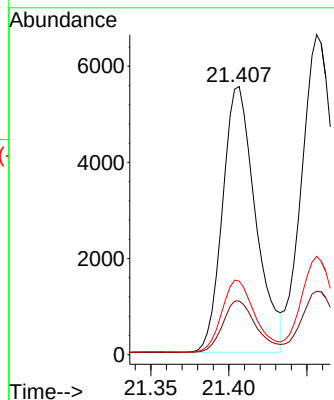
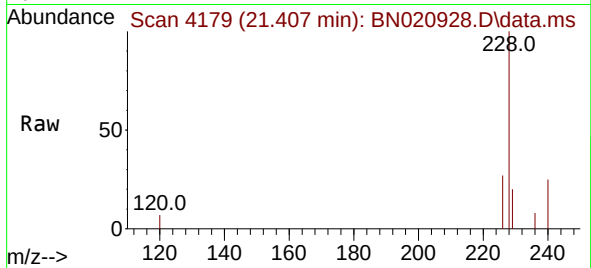




#21
Benzo(a)anthracene
Concen: 0.335 ng/ul
RT: 21.407 min Scan# 4179
Delta R.T. 0.000 min
Lab File: BN020928.D
Acq: 01 Aug 2022 20:14

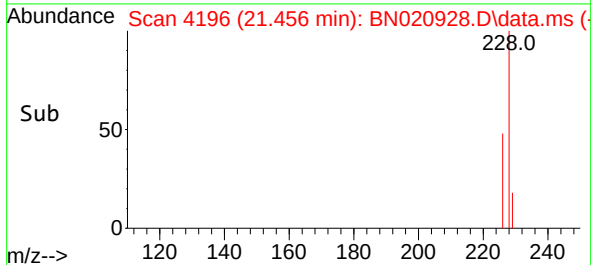
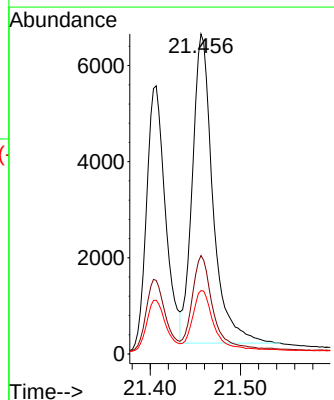
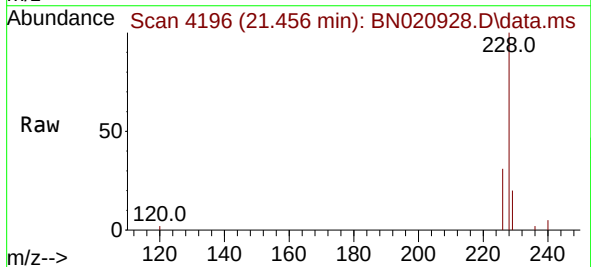
Instrument :
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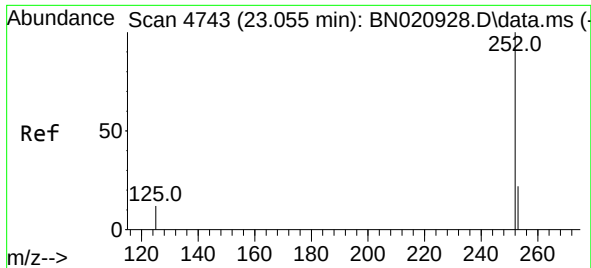
Tgt Ion:228 Resp: 8161
Ion Ratio Lower Upper
228 100
229 20.0 16.0 24.0
226 27.4 21.9 32.9



#22
Chrysene
Concen: 0.323 ng/ul
RT: 21.456 min Scan# 4196
Delta R.T. 0.000 min
Lab File: BN020928.D
Acq: 01 Aug 2022 20:14

Tgt Ion:228 Resp: 10141
Ion Ratio Lower Upper
228 100
226 30.8 24.6 37.0
229 19.8 15.8 23.8

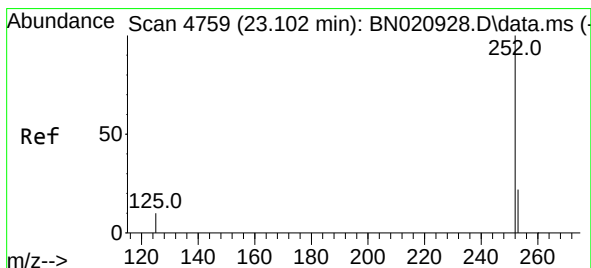
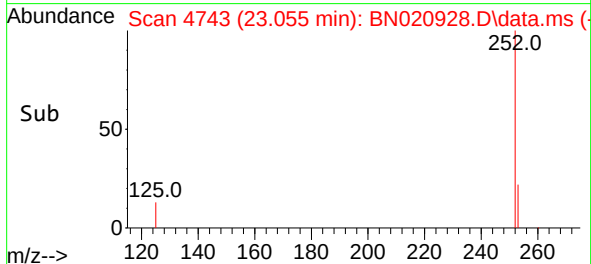
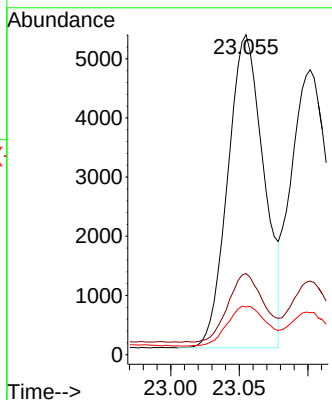
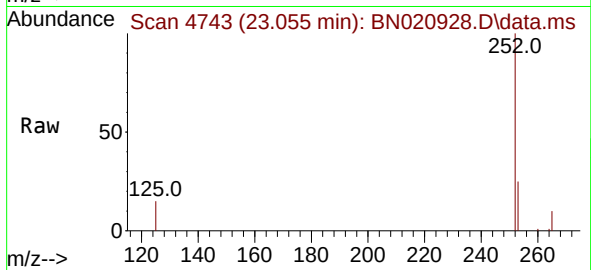




#24
Benzo(b)fluoranthene
Concen: 0.321 ng/ul
RT: 23.055 min Scan# 4743
Delta R.T. 0.000 min
Lab File: BN020928.D
Acq: 01 Aug 2022 20:14

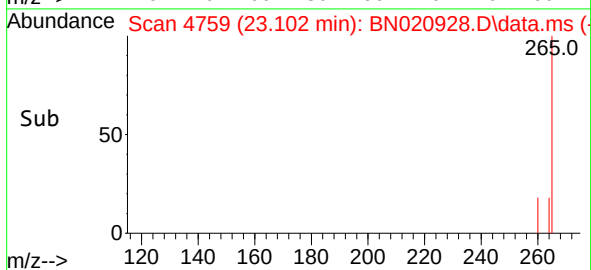
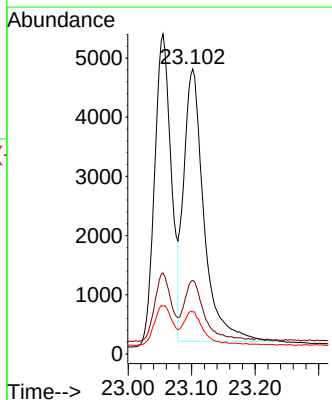
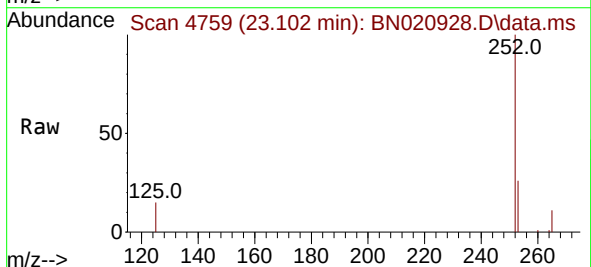
Instrument :
BNA_N
ClientSampleId :
SSTD0.4225

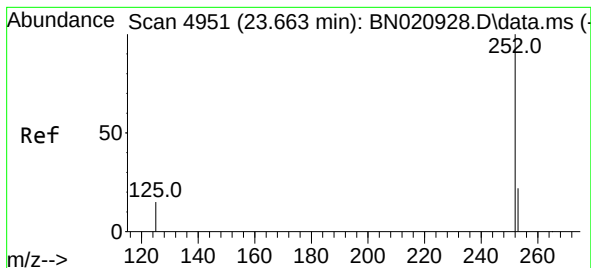
Tgt Ion:252 Resp: 9678
Ion Ratio Lower Upper
252 100
253 25.4 0.0 50.8
125 15.0 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.326 ng/ul
RT: 23.102 min Scan# 4759
Delta R.T. 0.000 min
Lab File: BN020928.D
Acq: 01 Aug 2022 20:14

Tgt Ion:252 Resp: 10170
Ion Ratio Lower Upper
252 100
253 25.8 20.6 31.0
125 14.7 11.8 17.6





#26

Benzo(a)pyrene

Concen: 0.318 ng/ul

RT: 23.663 min Scan# 4951

Delta R.T. 0.000 min

Lab File: BN020928.D

Acq: 01 Aug 2022 20:14

Instrument :

BNA_N

ClientSampleId :

SSTD0.4225

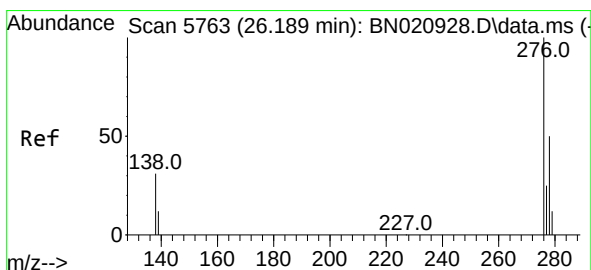
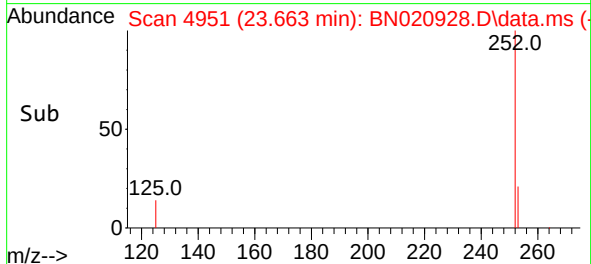
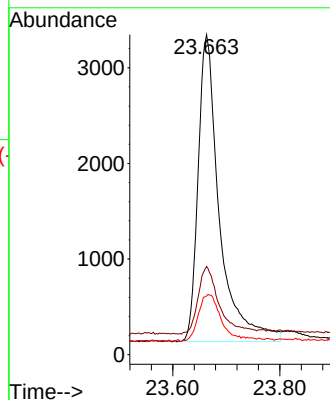
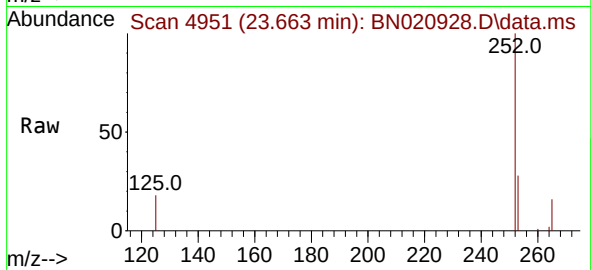
Tgt Ion:252 Resp: 8850

Ion Ratio Lower Upper

252 100

253 27.6 22.1 33.1

125 18.4 14.7 22.1



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.357 ng/ul

RT: 26.189 min Scan# 5763

Delta R.T. 0.000 min

Lab File: BN020928.D

Acq: 01 Aug 2022 20:14

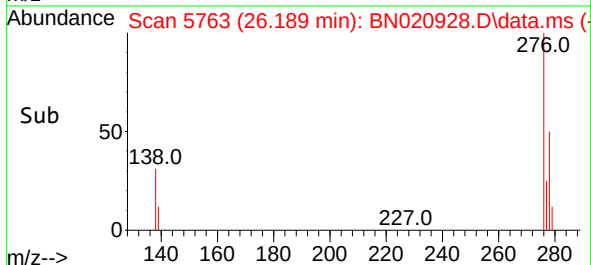
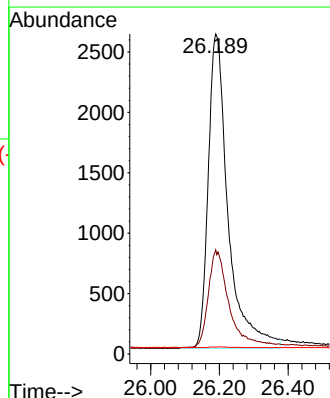
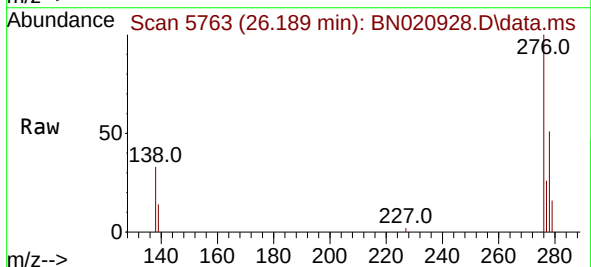
Tgt Ion:276 Resp: 10456

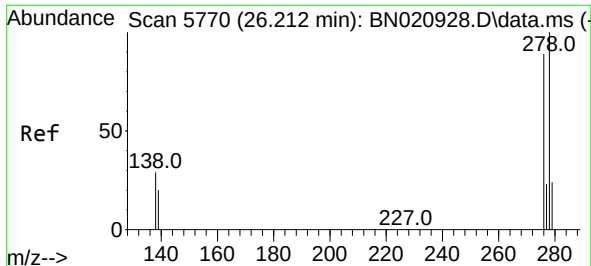
Ion Ratio Lower Upper

276 100

138 32.6 26.1 39.1

227 0.1 0.1 0.1#

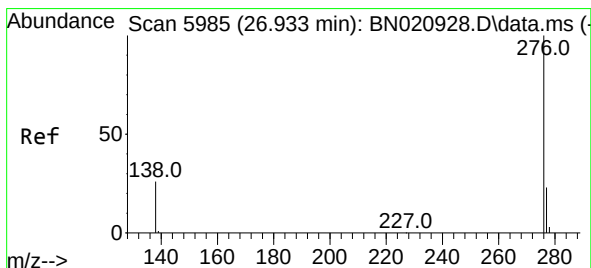
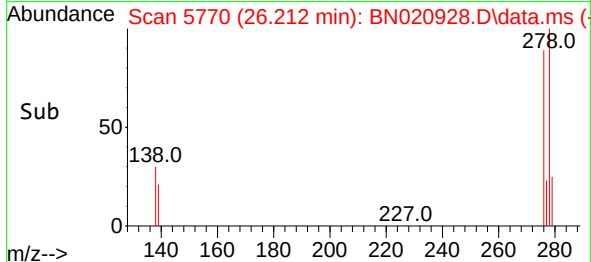
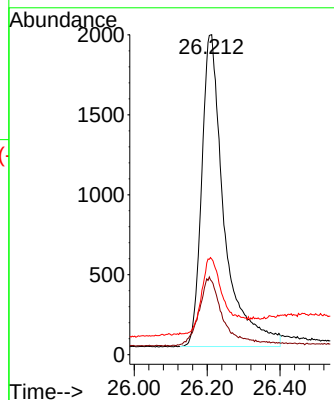
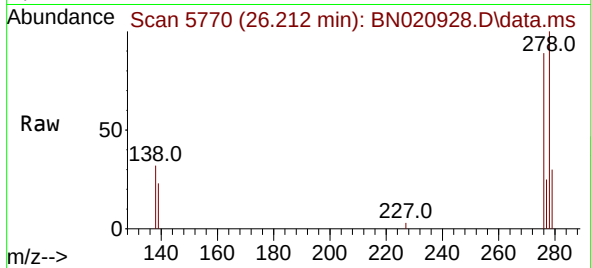




#28
Dibenzo(a,h)anthracene
Concen: 0.374 ng/ul
RT: 26.212 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN020928.D
Acq: 01 Aug 2022 20:14

Instrument :
BNA_N
ClientSampleId :
SSTD0.4225

Tgt Ion:278 Resp: 8337
Ion Ratio Lower Upper
278 100
139 22.9 18.3 27.5
279 29.9 23.9 35.9



#29
Benzo(g,h,i)perylene
Concen: 0.370 ng/ul
RT: 26.933 min Scan# 5985
Delta R.T. 0.000 min
Lab File: BN020928.D
Acq: 01 Aug 2022 20:14

Tgt Ion:276 Resp: 9768
Ion Ratio Lower Upper
276 100
138 28.3 22.6 34.0
277 25.2 20.2 30.2

