

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072522\
 Data File : BN020827.D
 Acq On : 25 Jul 2022 15:34
 Operator : CG/JU
 Sample : SST0.418
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.4218

Quant Time: Jul 25 17:34:19 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 16:51:29 2022
 Response via : Initial Calibration

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

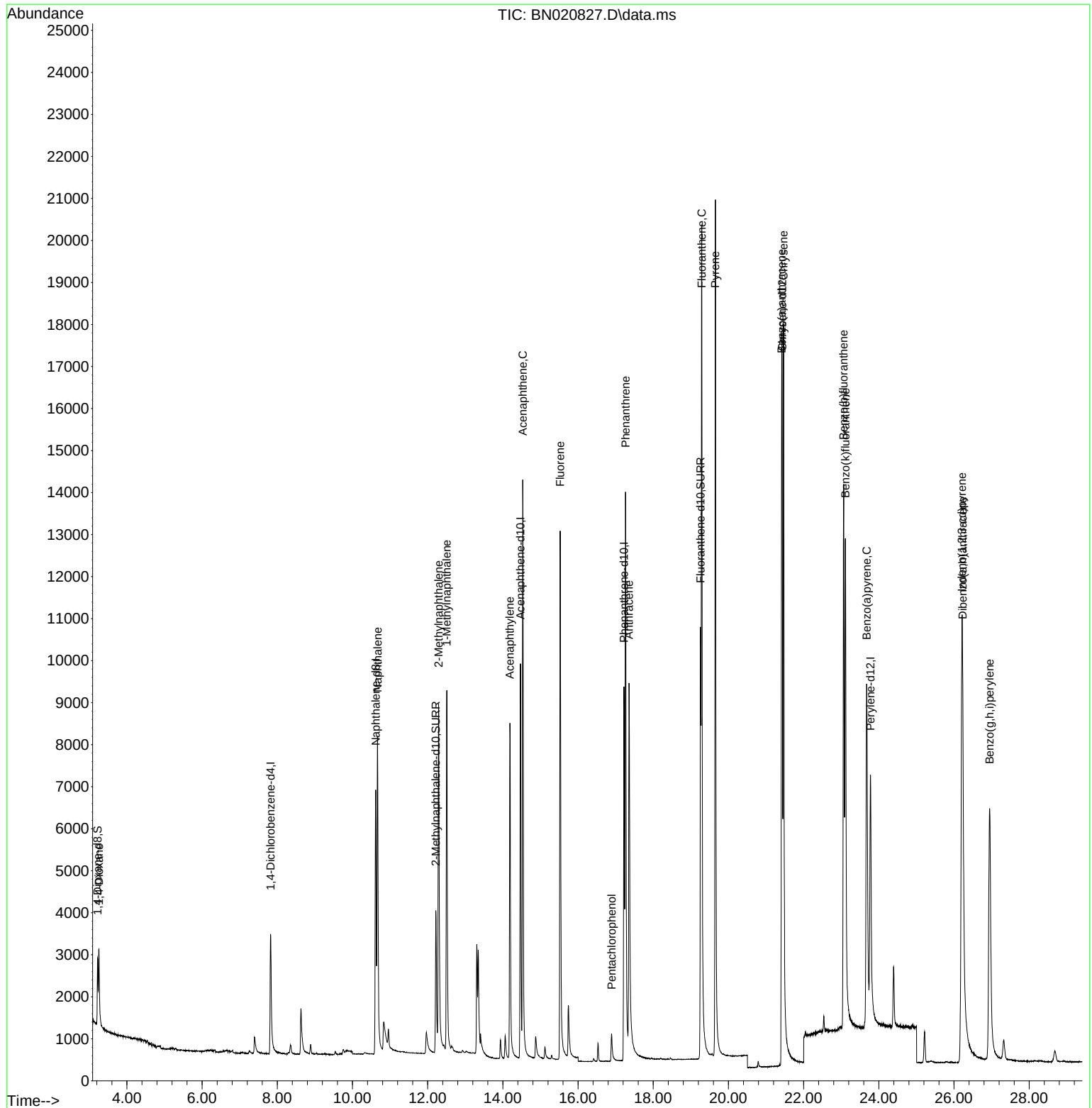
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.821	152	2233	0.400	ng/ul	0.00
4) Naphthalene-d8	10.617	136	10041	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.469	164	5853	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.221	188	12242	0.400	ng/ul	0.00
17) Chrysene-d12	21.431	240	10996	0.400	ng/ul	0.00
23) Perylene-d12	23.778	264	9598	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	1163	0.450	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.217	152	5558	0.337	ng/ul	0.00
18) Fluoranthene-d10	19.258	212	12907	0.356	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.256	88	1210	0.458	ng/ul	93
5) Naphthalene	10.667	128	12445	0.402	ng/ul	99
7) 2-Methylnaphthalene	12.294	142	7659	0.369	ng/ul	100
8) 1-Methylnaphthalene	12.509	142	6911	0.351	ng/ul	100
10) Acenaphthylene	14.187	152	11235	0.405	ng/ul	100
11) Acenaphthene	14.530	153	9149	0.412	ng/ul	99
12) Fluorene	15.524	166	10233	0.389	ng/ul	100
14) Pentachlorophenol	16.892	266	663	0.269	ng/ul	99
15) Phenanthrene	17.263	178	17319	0.407	ng/ul	100
16) Anthracene	17.356	178	13765	0.375	ng/ul	100
19) Fluoranthene	19.290	202	19880	0.396	ng/ul	100
20) Pyrene	19.653	202	20562	0.395	ng/ul	97
21) Benzo(a)anthracene	21.416	228	14188	0.359	ng/ul	100
22) Chrysene	21.466	228	18391	0.418	ng/ul	100
24) Benzo(b)fluoranthene	23.064	252	17589	0.396	ng/ul	99
25) Benzo(k)fluoranthene	23.108	252	18894	0.421	ng/ul	98
26) Benzo(a)pyrene	23.675	252	16213	0.402	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.210	276	17950	0.447	ng/ul	99
28) Dibenzo(a,h)anthracene	26.230	278	13671	0.421	ng/ul	100
29) Benzo(g,h,i)perylene	26.948	276	15705	0.456	ng/ul	100

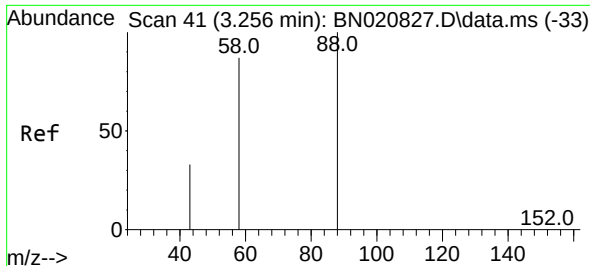
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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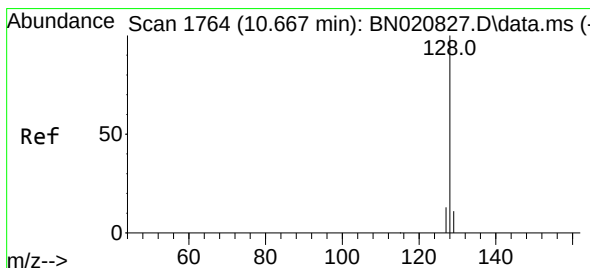
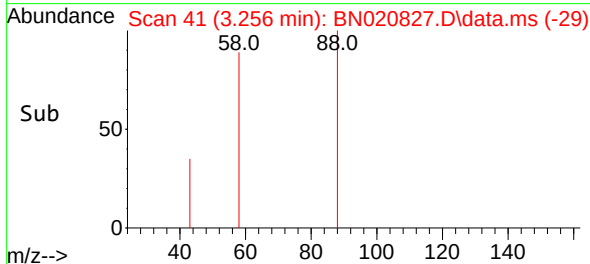
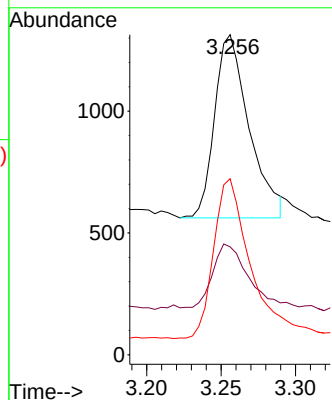
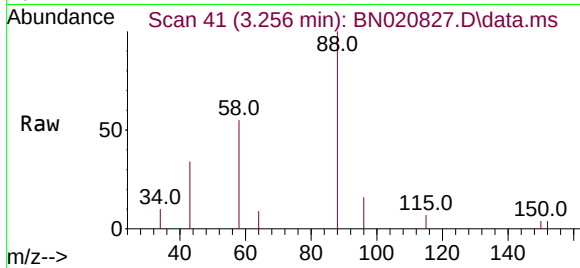




#2
 1,4-Dioxane
 Concen: 0.458 ng/ul
 RT: 3.256 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: BN020827.D
 Acq: 25 Jul 2022 15:34

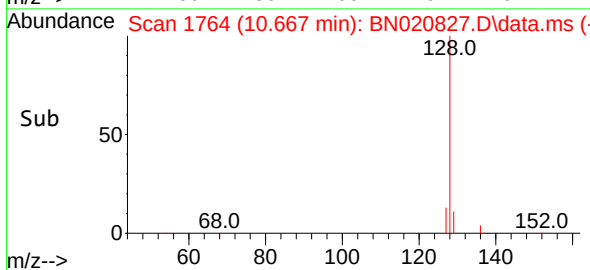
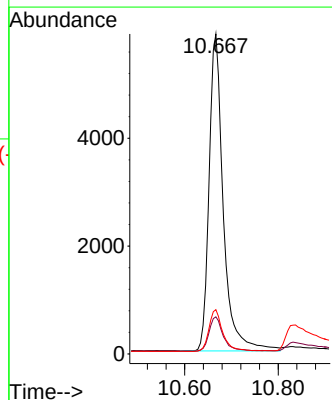
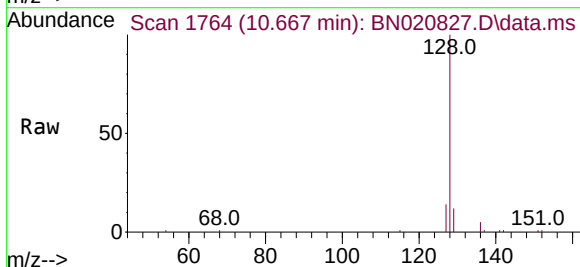
Instrument :
 BNA_N
 ClientSampleId :
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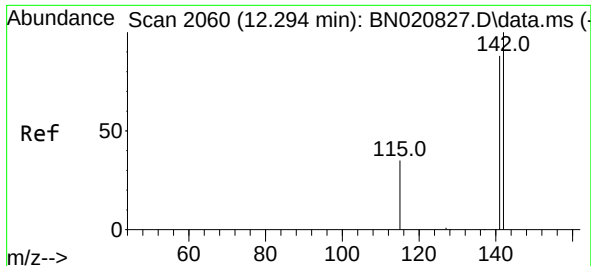
Tgt Ion: 88 Resp: 1210
 Ion Ratio Lower Upper
 88 100
 43 33.7 32.5 48.7
 58 55.0 46.2 69.2



#5
 Naphthalene
 Concen: 0.402 ng/ul
 RT: 10.667 min Scan# 1764
 Delta R.T. 0.000 min
 Lab File: BN020827.D
 Acq: 25 Jul 2022 15:34

Tgt Ion: 128 Resp: 12445
 Ion Ratio Lower Upper
 128 100
 129 11.6 9.5 14.3
 127 13.8 11.3 16.9

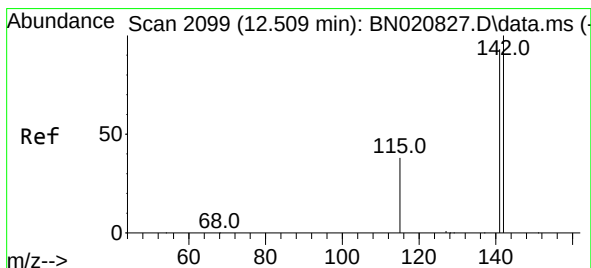
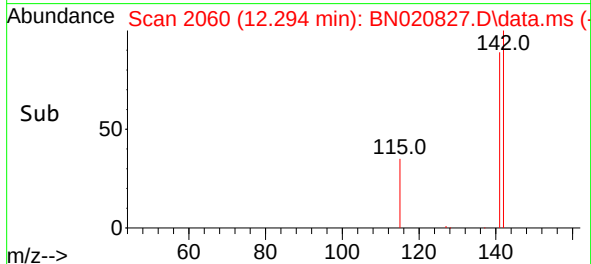
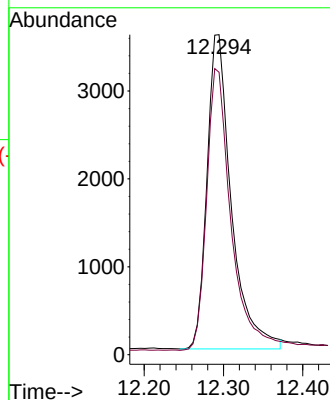
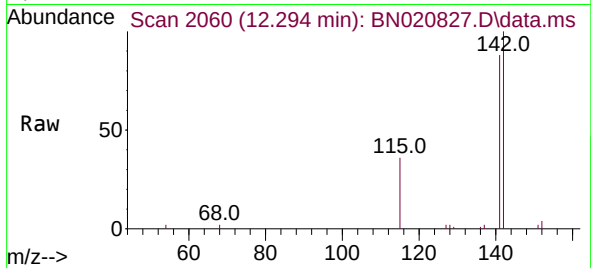




#7
2-Methylnaphthalene
Concen: 0.369 ng/ul
RT: 12.294 min Scan# 2060
Delta R.T. 0.000 min
Lab File: BN020827.D
Acq: 25 Jul 2022 15:34

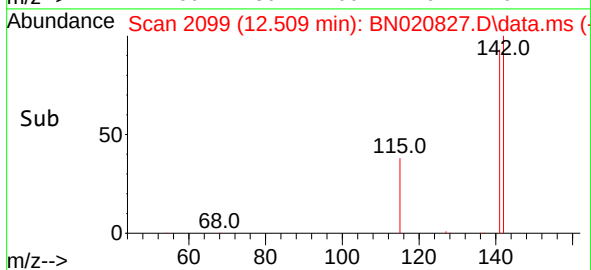
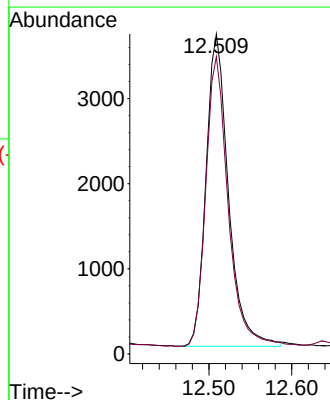
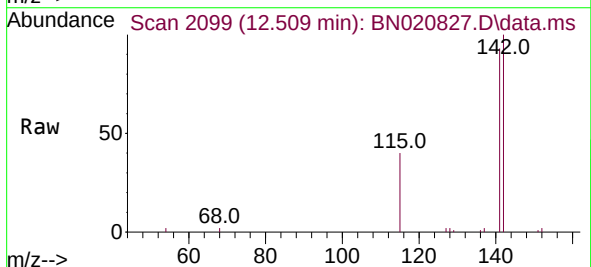
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ClientSampleId :
SSTD0.4218

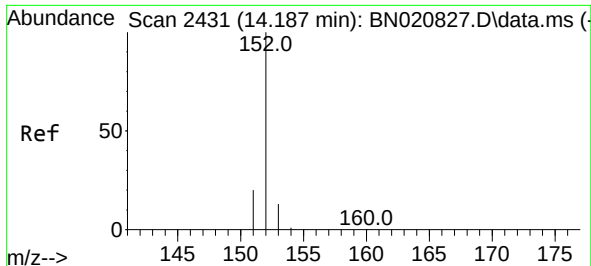
Tgt Ion:142 Resp: 7659
Ion Ratio Lower Upper
142 100
141 89.6 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.351 ng/ul
RT: 12.509 min Scan# 2099
Delta R.T. 0.000 min
Lab File: BN020827.D
Acq: 25 Jul 2022 15:34

Tgt Ion:142 Resp: 6911
Ion Ratio Lower Upper
142 100
141 92.2 73.7 110.5

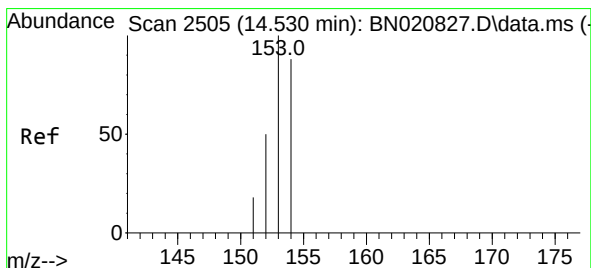
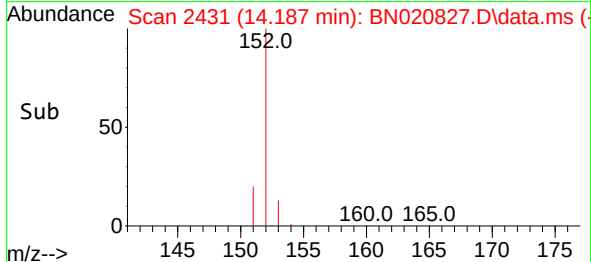
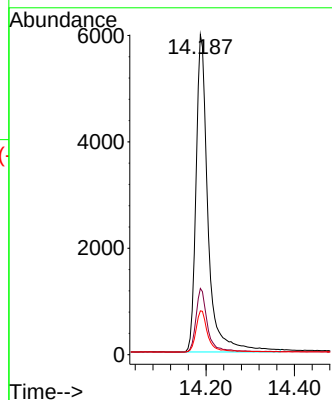
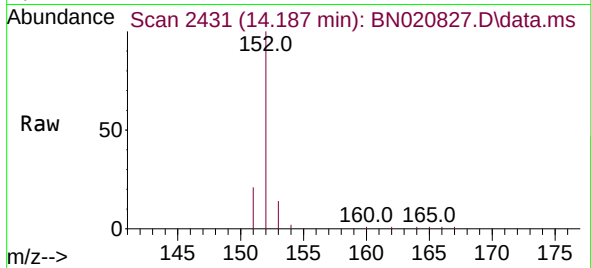




#10
Acenaphthylene
Concen: 0.405 ng/ul
RT: 14.187 min Scan# 2431
Delta R.T. 0.000 min
Lab File: BN020827.D
Acq: 25 Jul 2022 15:34

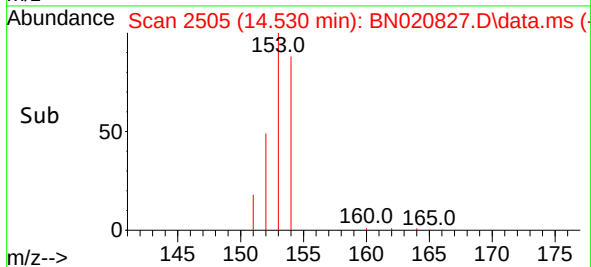
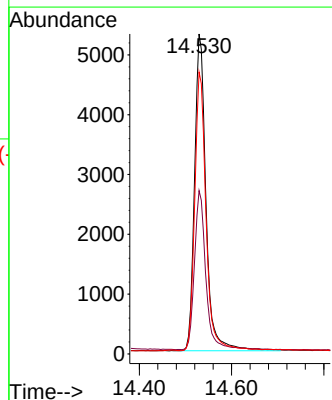
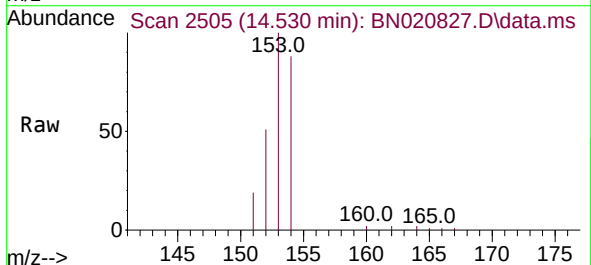
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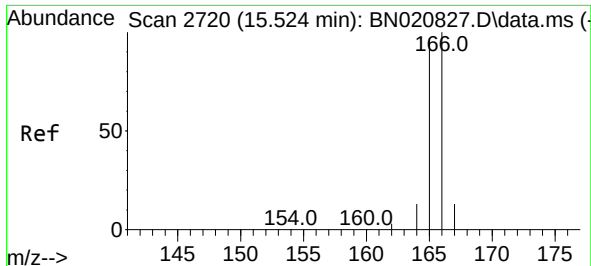
Tgt Ion:152 Resp: 11235
Ion Ratio Lower Upper
152 100
151 20.7 16.5 24.7
153 13.7 11.1 16.7



#11
Acenaphthene
Concen: 0.412 ng/ul
RT: 14.530 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BN020827.D
Acq: 25 Jul 2022 15:34

Tgt Ion:153 Resp: 9149
Ion Ratio Lower Upper
153 100
152 51.1 40.0 60.0
154 88.1 70.0 105.0

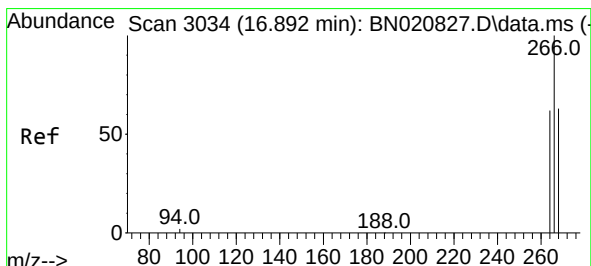
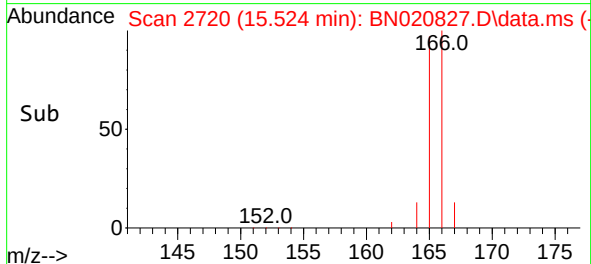
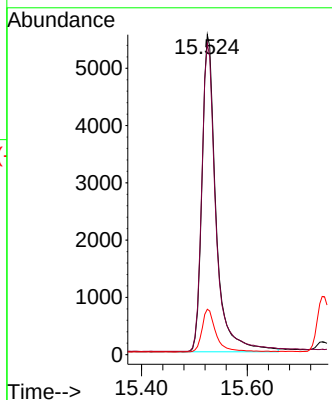
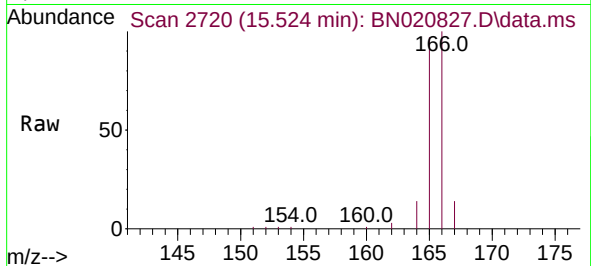




#12
Fluorene
Concen: 0.389 ng/ul
RT: 15.524 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN020827.D
Acq: 25 Jul 2022 15:34

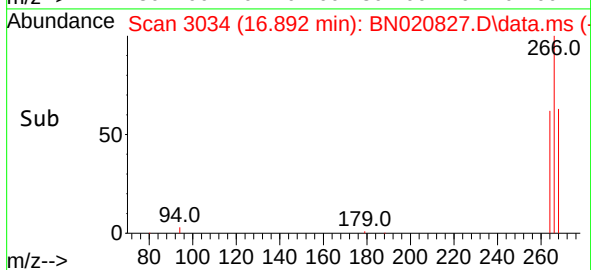
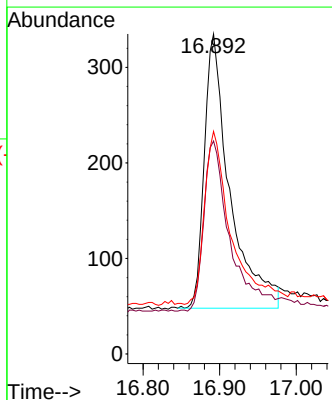
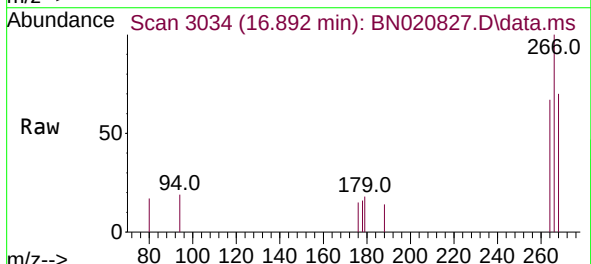
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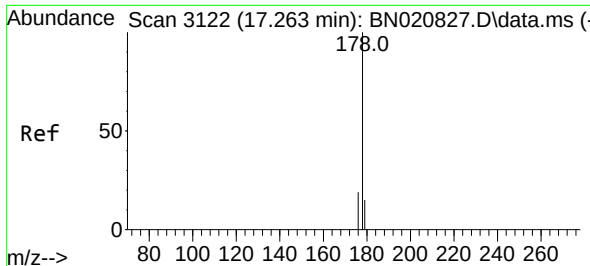
Tgt Ion:166 Resp: 10233
Ion Ratio Lower Upper
166 100
165 97.2 78.2 117.2
167 14.2 11.3 16.9



#14
Pentachlorophenol
Concen: 0.269 ng/ul
RT: 16.892 min Scan# 3034
Delta R.T. 0.000 min
Lab File: BN020827.D
Acq: 25 Jul 2022 15:34

Tgt Ion:266 Resp: 663
Ion Ratio Lower Upper
266 100
264 63.7 51.6 77.4
268 64.7 51.5 77.3

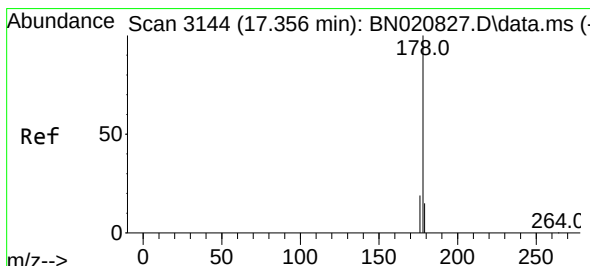
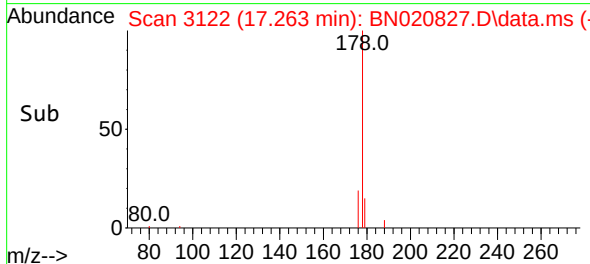
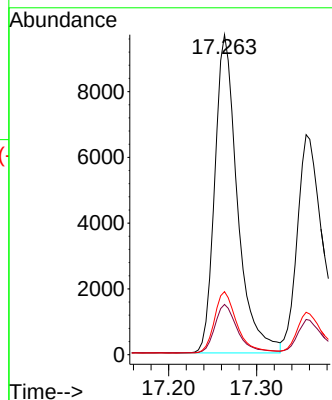
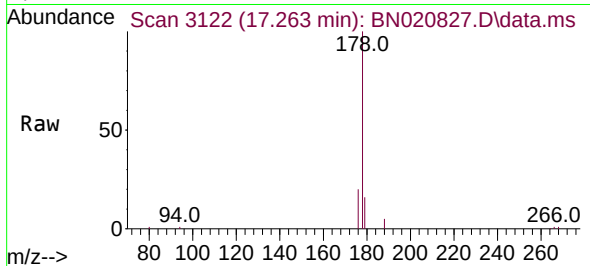




#15
Phenanthrene
Concen: 0.407 ng/u1
RT: 17.263 min Scan# 3122
Delta R.T. 0.000 min
Lab File: BN020827.D
Acq: 25 Jul 2022 15:34

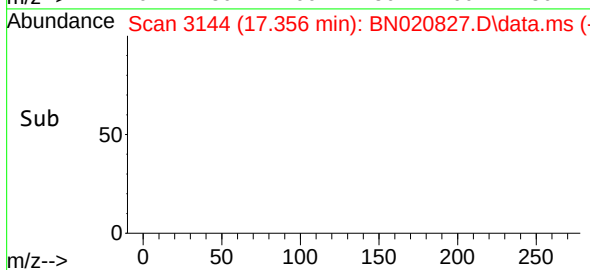
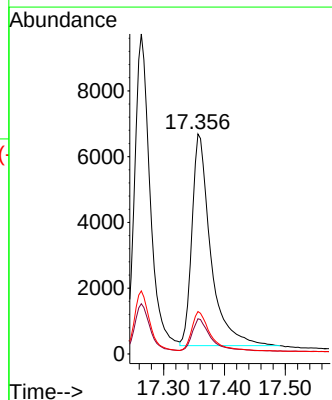
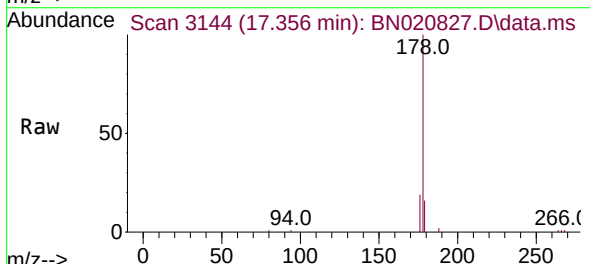
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ClientSampleId :
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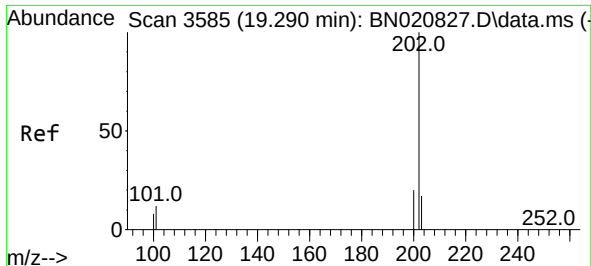
Tgt Ion:178 Resp: 17319
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 19.7 15.8 23.6



#16
Anthracene
Concen: 0.375 ng/u1
RT: 17.356 min Scan# 3144
Delta R.T. 0.000 min
Lab File: BN020827.D
Acq: 25 Jul 2022 15:34

Tgt Ion:178 Resp: 13765
Ion Ratio Lower Upper
178 100
179 16.0 12.8 19.2
176 19.3 15.2 22.8

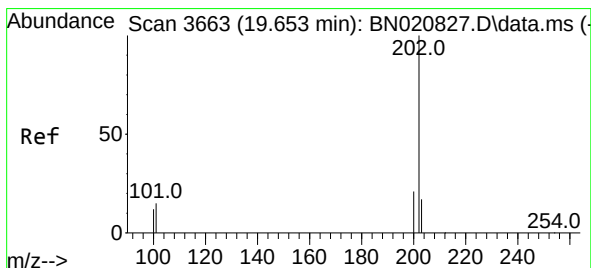
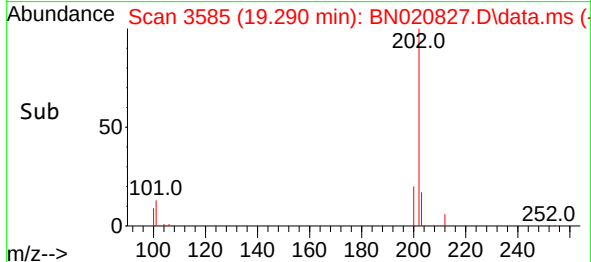
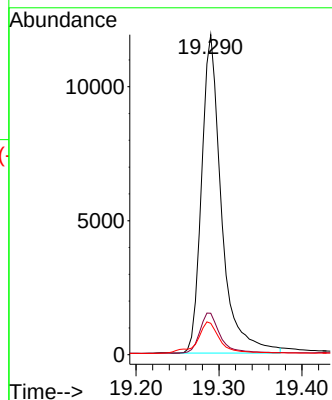
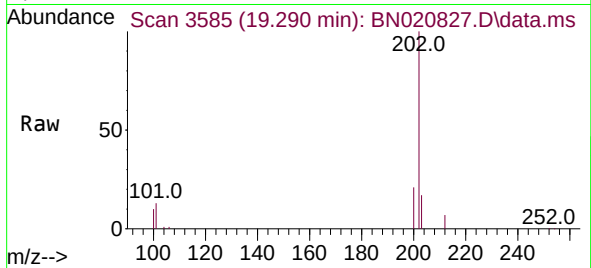




#19
Fluoranthene
Concen: 0.396 ng/u1
RT: 19.290 min Scan# 3585
Delta R.T. 0.000 min
Lab File: BN020827.D
Acq: 25 Jul 2022 15:34

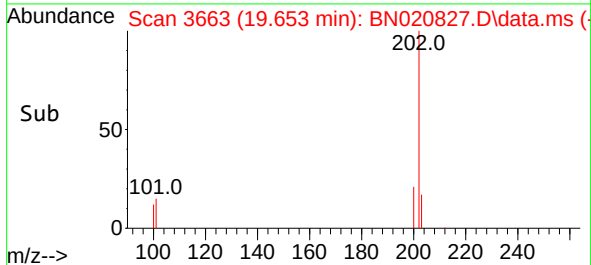
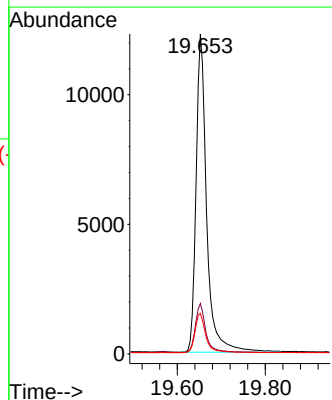
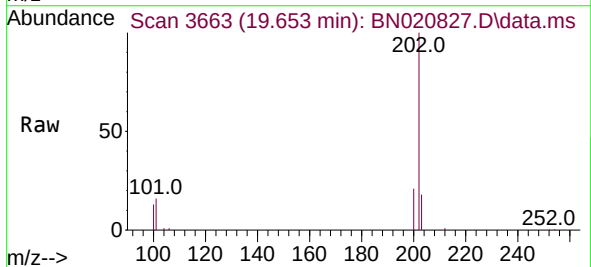
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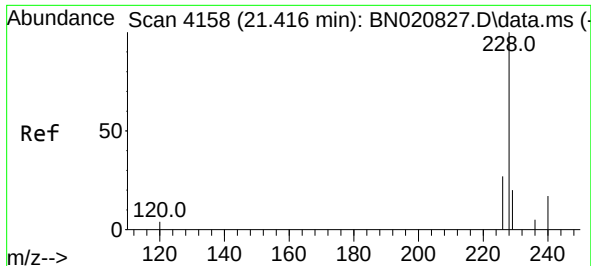
Tgt Ion:202 Resp: 19880
Ion Ratio Lower Upper
202 100
101 12.9 10.3 15.5
100 9.8 7.8 11.6



#20
Pyrene
Concen: 0.395 ng/u1
RT: 19.653 min Scan# 3663
Delta R.T. 0.000 min
Lab File: BN020827.D
Acq: 25 Jul 2022 15:34

Tgt Ion:202 Resp: 20562
Ion Ratio Lower Upper
202 100
101 15.7 11.6 17.4
100 12.7 9.2 13.8

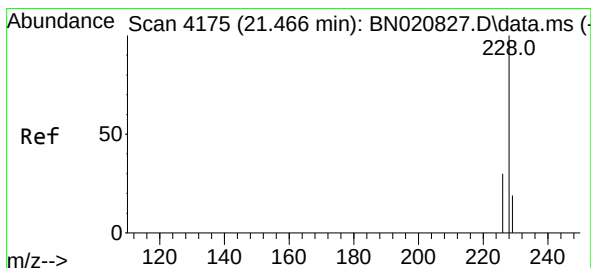
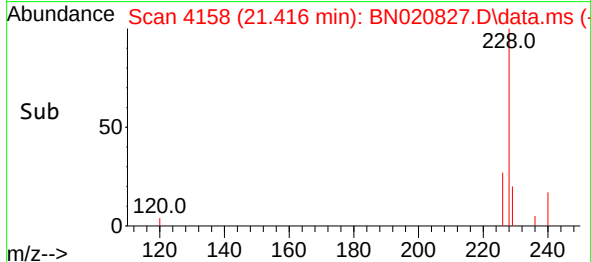
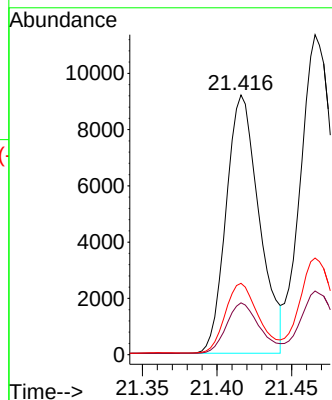
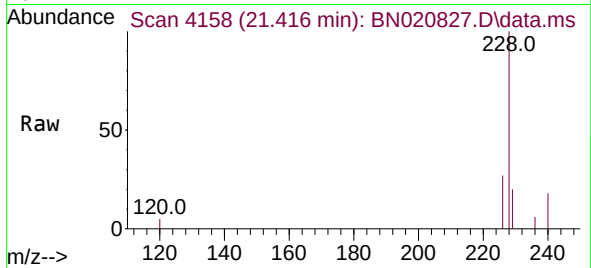




#21
Benzo(a)anthracene
Concen: 0.359 ng/ul
RT: 21.416 min Scan# 4158
Delta R.T. 0.000 min
Lab File: BN020827.D
Acq: 25 Jul 2022 15:34

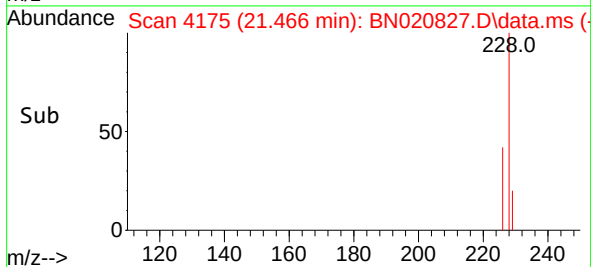
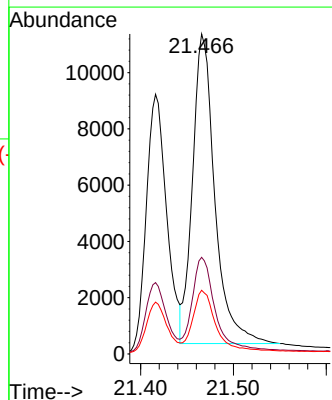
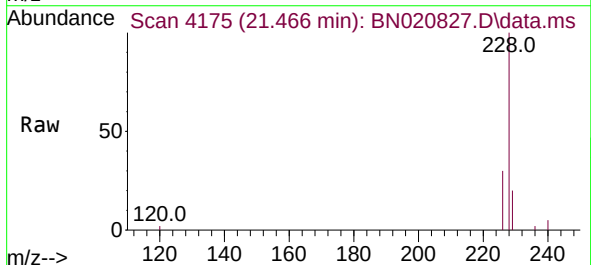
Instrument :
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ClientSampleId :
SSTD0.4218

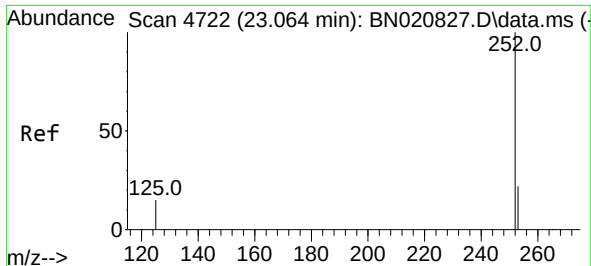
Tgt Ion:228 Resp: 14188
Ion Ratio Lower Upper
228 100
229 20.0 15.9 23.9
226 27.5 22.2 33.2



#22
Chrysene
Concen: 0.418 ng/ul
RT: 21.466 min Scan# 4175
Delta R.T. 0.000 min
Lab File: BN020827.D
Acq: 25 Jul 2022 15:34

Tgt Ion:228 Resp: 18391
Ion Ratio Lower Upper
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226 30.2 23.9 35.9
229 19.9 15.8 23.8

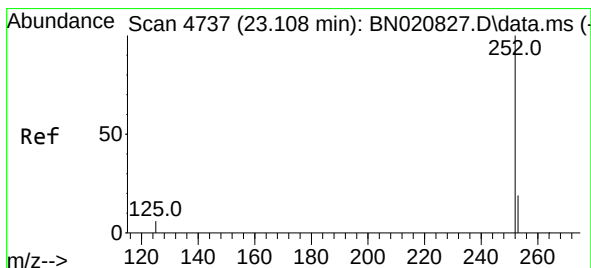
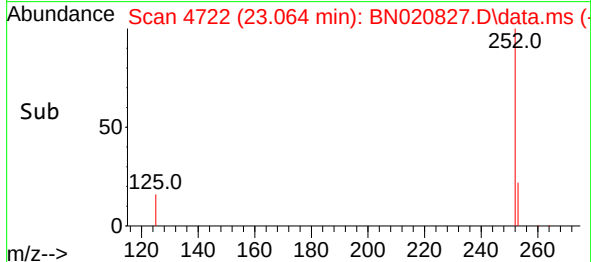
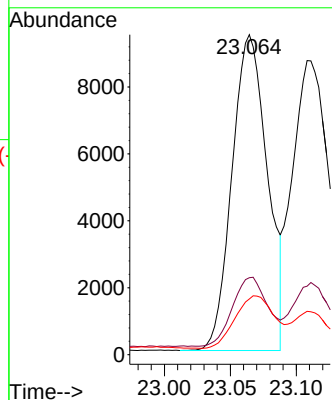
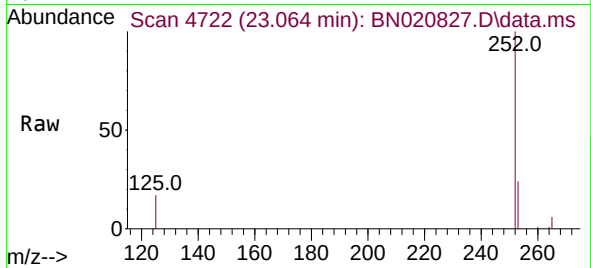




#24
Benzo(b)fluoranthene
Concen: 0.396 ng/ul
RT: 23.064 min Scan# 4722
Delta R.T. 0.000 min
Lab File: BN020827.D
Acq: 25 Jul 2022 15:34

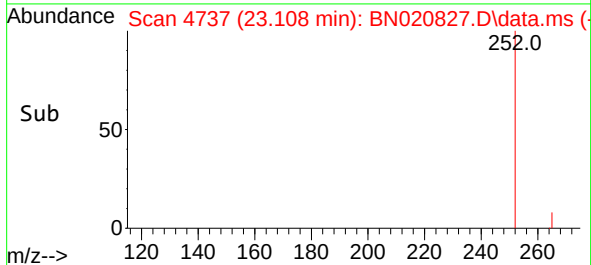
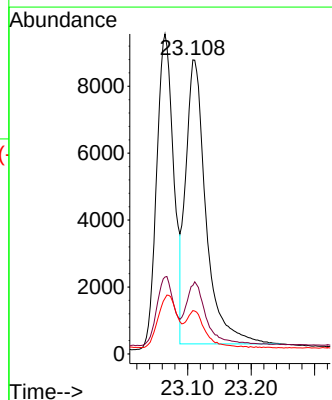
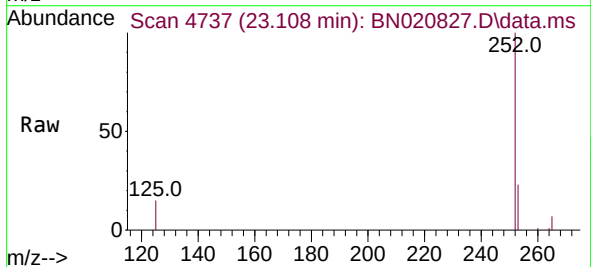
Instrument :
BNA_N
ClientSampleId :
SSTD0.4218

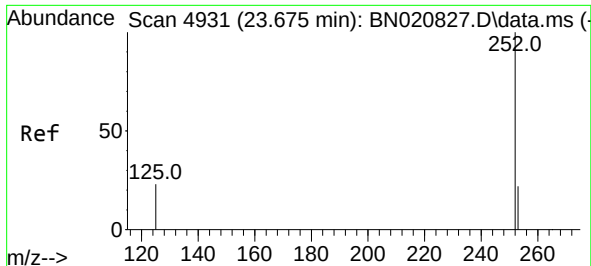
Tgt Ion:252 Resp: 17589
Ion Ratio Lower Upper
252 100
253 24.0 0.0 48.6
125 17.4 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.421 ng/ul
RT: 23.108 min Scan# 4737
Delta R.T. 0.000 min
Lab File: BN020827.D
Acq: 25 Jul 2022 15:34

Tgt Ion:252 Resp: 18894
Ion Ratio Lower Upper
252 100
253 23.3 19.7 29.5
125 14.7 12.0 18.0

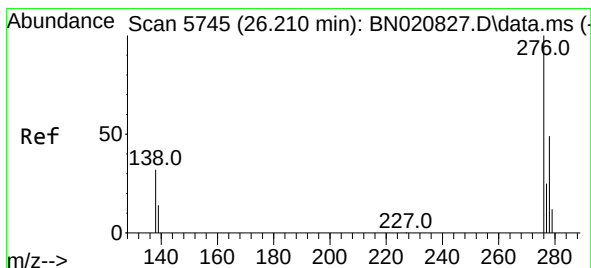
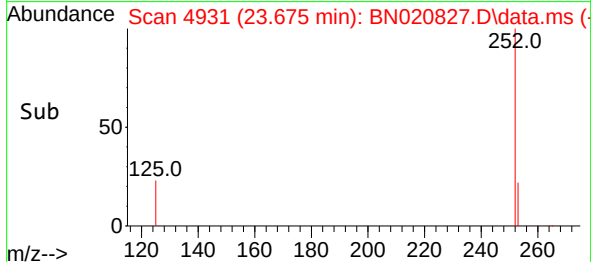
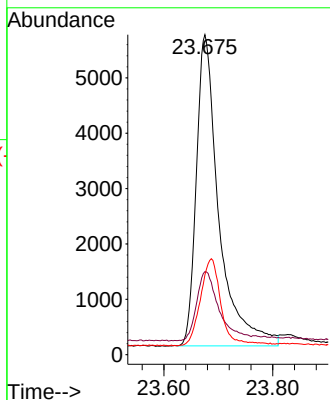
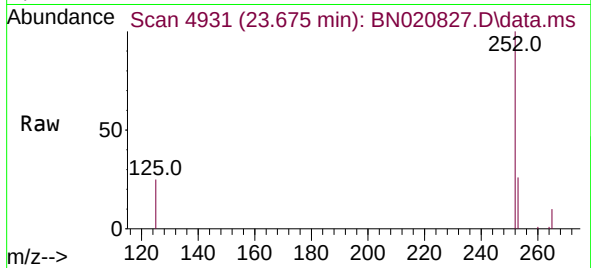




#26
Benzo(a)pyrene
Concen: 0.402 ng/ul
RT: 23.675 min Scan# 4931
Delta R.T. 0.000 min
Lab File: BN020827.D
Acq: 25 Jul 2022 15:34

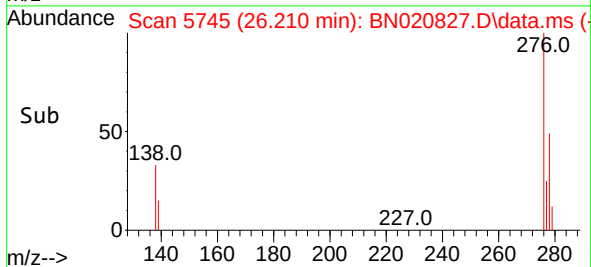
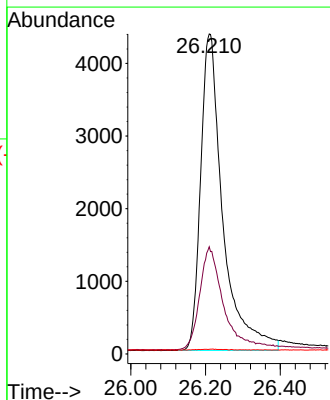
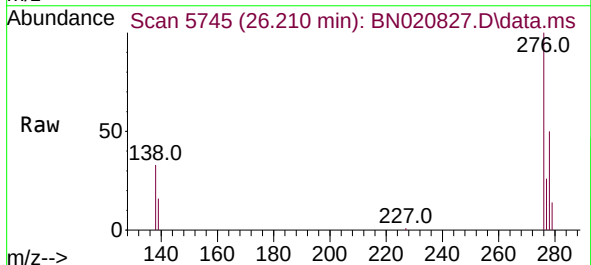
Instrument :
BNA_N
ClientSampleId :
SSTD0.4218

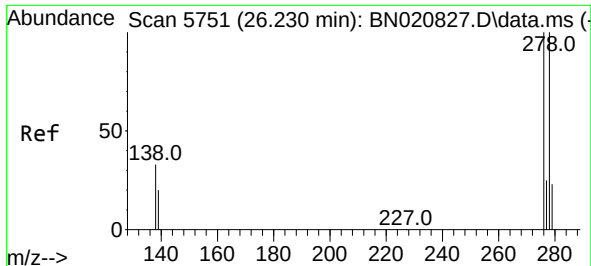
Tgt Ion:252 Resp: 16213
Ion Ratio Lower Upper
252 100
253 26.0 21.0 31.4
125 25.0 18.8 28.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.447 ng/ul
RT: 26.210 min Scan# 5745
Delta R.T. 0.000 min
Lab File: BN020827.D
Acq: 25 Jul 2022 15:34

Tgt Ion:276 Resp: 17950
Ion Ratio Lower Upper
276 100
138 35.2 27.4 41.2
227 0.2 0.2 0.2





#28

Dibenzo(a,h)anthracene

Concen: 0.421 ng/ul

RT: 26.230 min Scan# 5751

Delta R.T. 0.000 min

Lab File: BN020827.D

Acq: 25 Jul 2022 15:34

Instrument :

BNA_N

ClientSampleId :

SSTD0.4218

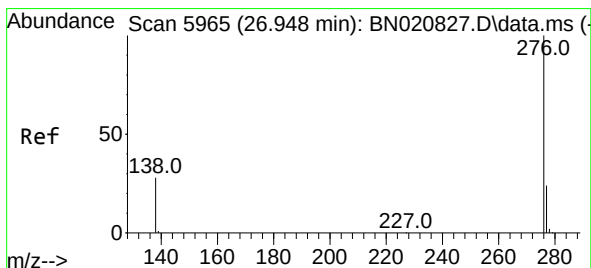
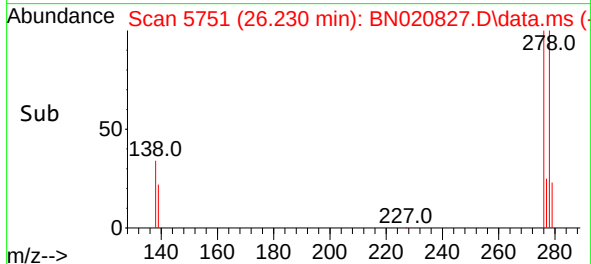
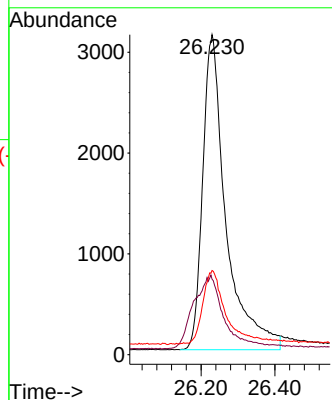
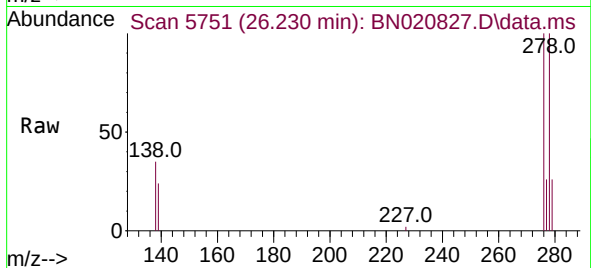
Tgt Ion:278 Resp: 13671

Ion Ratio Lower Upper

278 100

139 23.6 18.8 28.2

279 26.3 21.4 32.0



#29

Benzo(g,h,i)perylene

Concen: 0.456 ng/ul

RT: 26.948 min Scan# 5965

Delta R.T. 0.000 min

Lab File: BN020827.D

Acq: 25 Jul 2022 15:34

Tgt Ion:276 Resp: 15705

Ion Ratio Lower Upper

276 100

138 29.5 23.5 35.3

277 24.7 20.1 30.1

