

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072522\
 Data File : BN020834.D
 Acq On : 25 Jul 2022 20:36
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4252

Quant Time: Jul 26 00:31:26 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 18:06:54 2022
 Response via : Initial Calibration

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

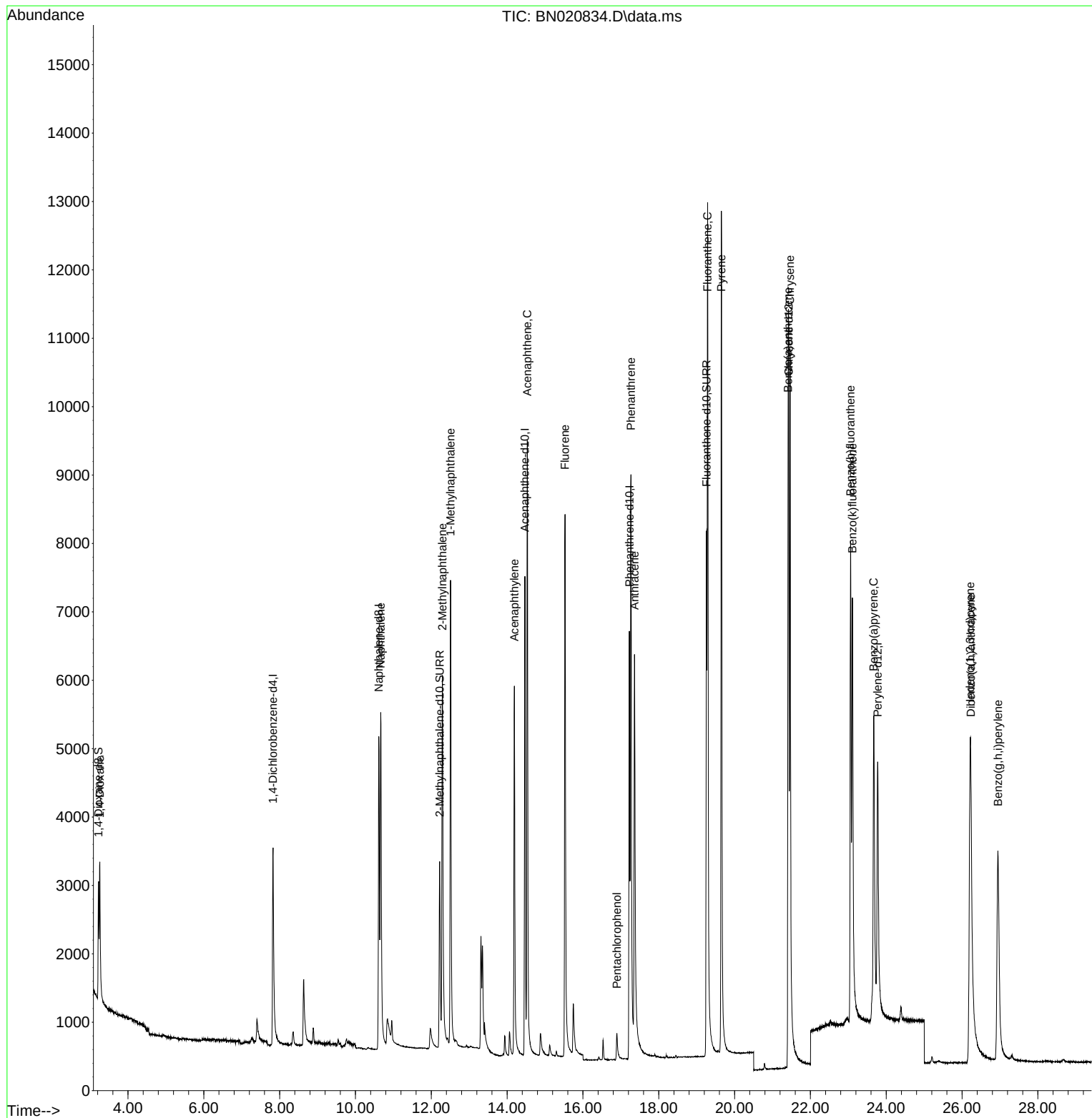
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	2264	0.400	ng/ul	0.00
4) Naphthalene-d8	10.616	136	7622	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.468	164	4405	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.224	188	8969	0.400	ng/ul	0.00
17) Chrysene-d12	21.429	240	7623	0.400	ng/ul	0.00
23) Perylene-d12	23.773	264	6176	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	1262	0.464	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.222	152	4632	0.400	ng/ul	0.00
18) Fluoranthene-d10	19.260	212	10303	0.423	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.256	88	1283	0.459	ng/ul	96
5) Naphthalene	10.665	128	8429	0.353	ng/ul	100
7) 2-Methylnaphthalene	12.293	142	5010	0.332	ng/ul	100
8) 1-Methylnaphthalene	12.508	142	5614	0.384	ng/ul	99
10) Acenaphthylene	14.190	152	7650	0.349	ng/ul	99
11) Acenaphthene	14.533	153	6092	0.344	ng/ul	98
12) Fluorene	15.527	166	6674	0.343	ng/ul	100
14) Pentachlorophenol	16.895	266	415	0.307	ng/ul	99
15) Phenanthrene	17.266	178	11019	0.335	ng/ul	99
16) Anthracene	17.359	178	8974	0.341	ng/ul	99
19) Fluoranthene	19.288	202	12532	0.351	ng/ul	100
20) Pyrene	19.651	202	12879	0.346	ng/ul	98
21) Benzo(a)anthracene	21.411	228	8668	0.344	ng/ul	99
22) Chrysene	21.461	228	10882	0.336	ng/ul	99
24) Benzo(b)fluoranthene	23.060	252	10014	0.342	ng/ul	97
25) Benzo(k)fluoranthene	23.106	252	10240	0.338	ng/ul	98
26) Benzo(a)pyrene	23.671	252	9064	0.336	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.211	276	9192	0.324	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.231	278	7043	0.325	ng/ul	96
29) Benzo(g,h,i)perylene	26.946	276	8575	0.335	ng/ul	98

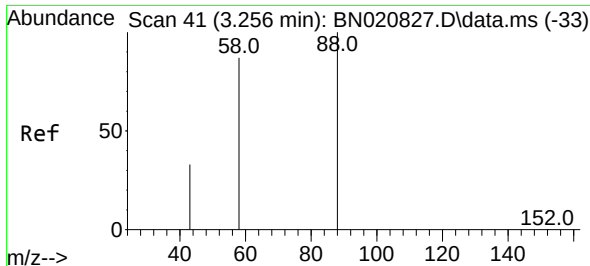
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Quant Time: Jul 26 00:31:26 2022
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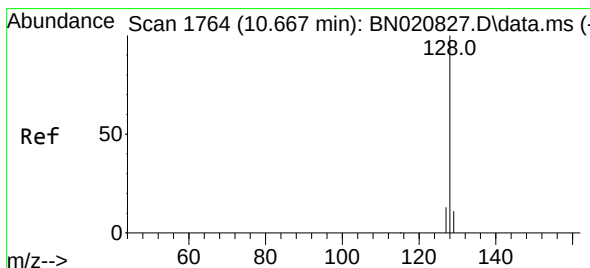
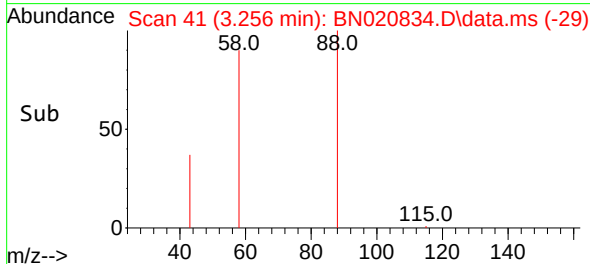
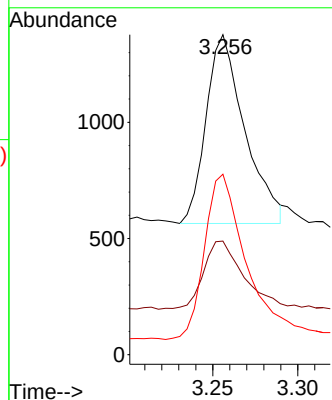
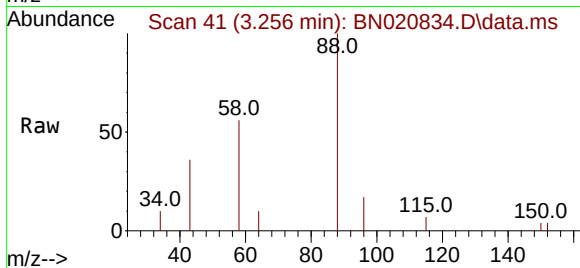




#2
 1,4-Dioxane
 Concen: 0.459 ng/ul
 RT: 3.256 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: BN020834.D
 Acq: 25 Jul 2022 20:36

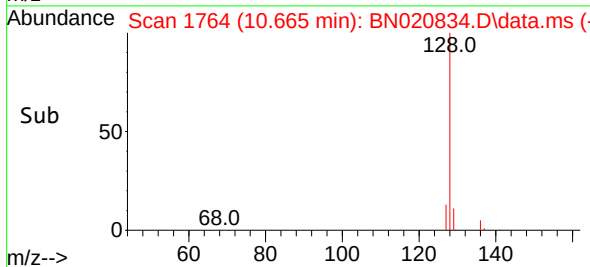
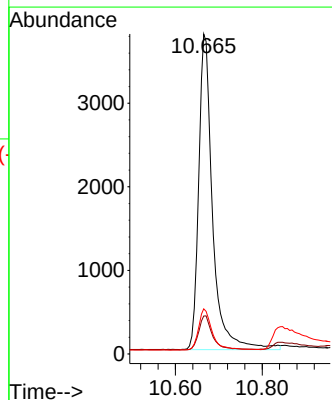
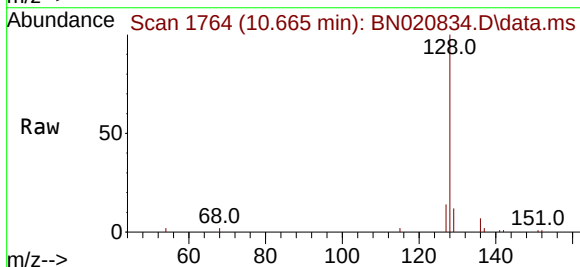
Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4252

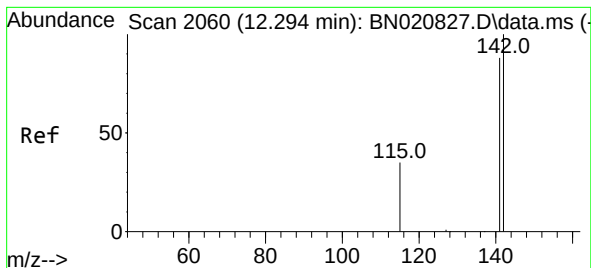
Tgt Ion: 88 Resp: 1283
 Ion Ratio Lower Upper
 88 100
 43 35.5 32.5 48.7
 58 56.4 46.2 69.2



#5
 Naphthalene
 Concen: 0.353 ng/ul
 RT: 10.665 min Scan# 1764
 Delta R.T. -0.001 min
 Lab File: BN020834.D
 Acq: 25 Jul 2022 20:36

Tgt Ion: 128 Resp: 8429
 Ion Ratio Lower Upper
 128 100
 129 11.9 9.5 14.3
 127 14.1 11.3 16.9

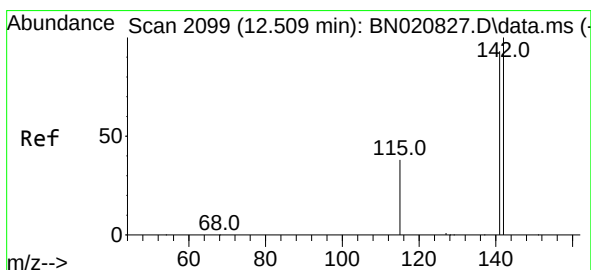
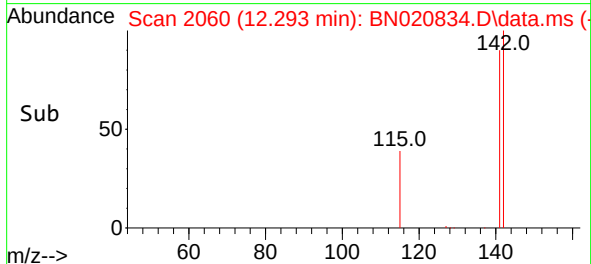
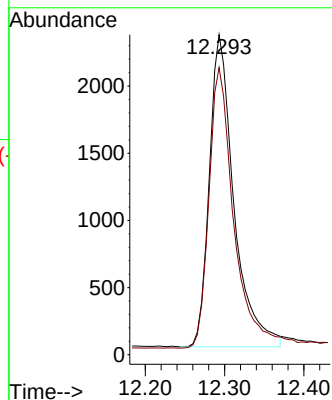
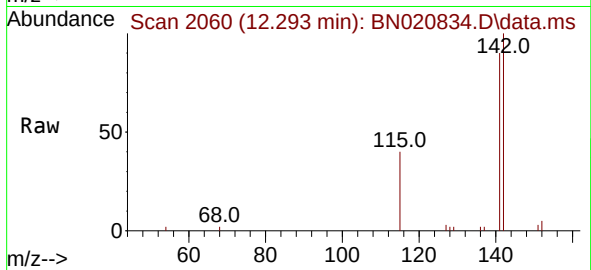




#7
2-Methylnaphthalene
Concen: 0.332 ng/ul
RT: 12.293 min Scan# 2060
Delta R.T. -0.001 min
Lab File: BN020834.D
Acq: 25 Jul 2022 20:36

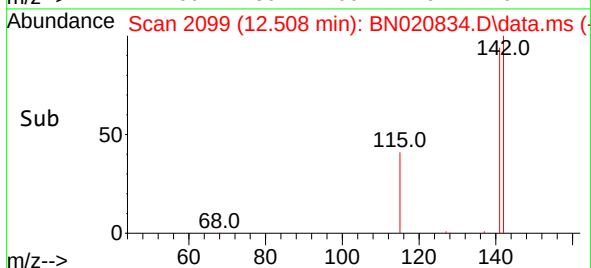
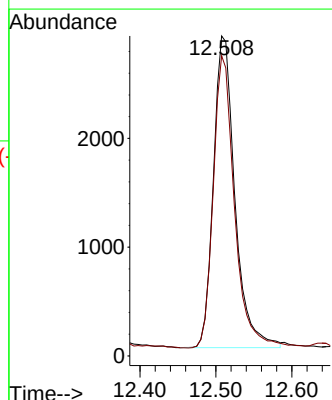
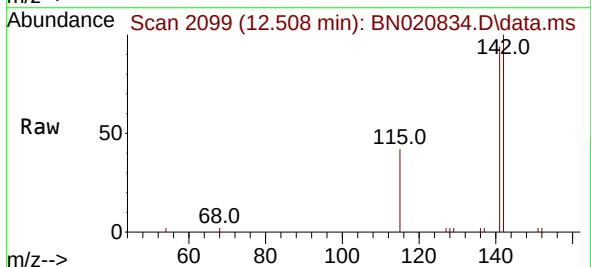
Instrument :
BNA_N
ClientSampleId :
SSTD0.4252

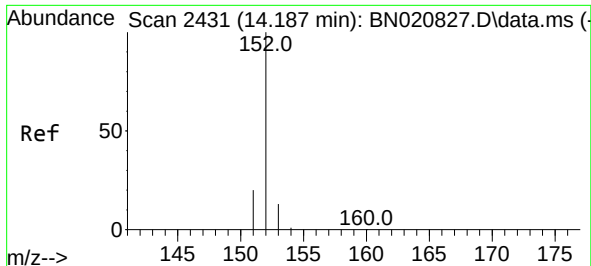
Tgt Ion:142 Resp: 5010
Ion Ratio Lower Upper
142 100
141 90.4 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.384 ng/ul
RT: 12.508 min Scan# 2099
Delta R.T. -0.001 min
Lab File: BN020834.D
Acq: 25 Jul 2022 20:36

Tgt Ion:142 Resp: 5614
Ion Ratio Lower Upper
142 100
141 92.6 73.7 110.5

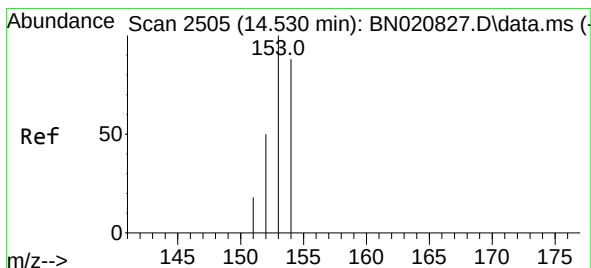
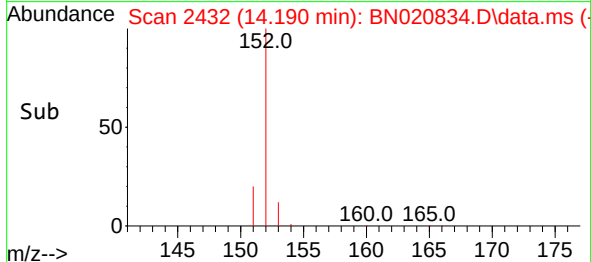
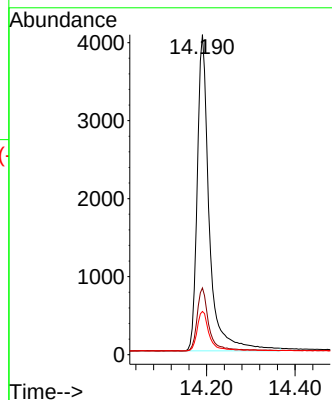
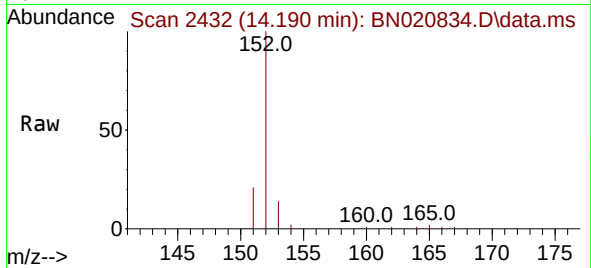




#10
Acenaphthylene
Concen: 0.349 ng/ul
RT: 14.190 min Scan# 2432
Delta R.T. 0.003 min
Lab File: BN020834.D
Acq: 25 Jul 2022 20:36

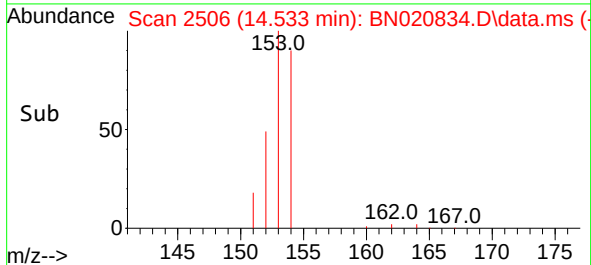
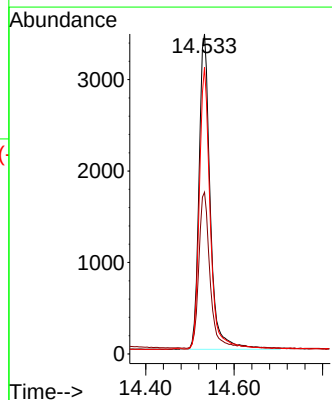
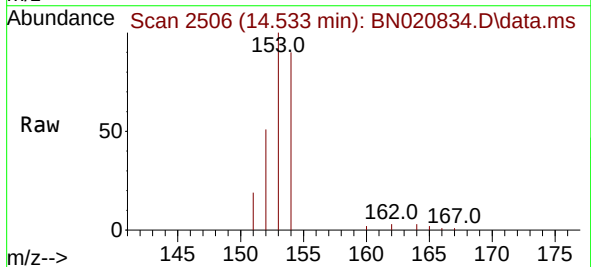
Instrument :
BNA_N
ClientSampleId :
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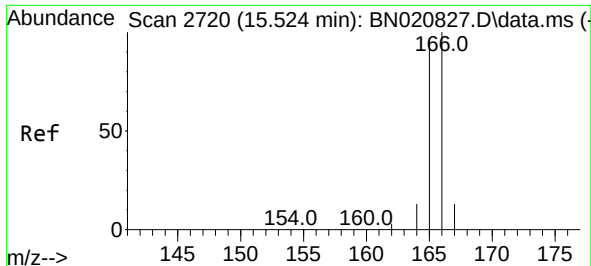
Tgt Ion:152 Resp: 7650
Ion Ratio Lower Upper
152 100
151 20.8 16.5 24.7
153 13.5 11.1 16.7



#11
Acenaphthene
Concen: 0.344 ng/ul
RT: 14.533 min Scan# 2506
Delta R.T. 0.003 min
Lab File: BN020834.D
Acq: 25 Jul 2022 20:36

Tgt Ion:153 Resp: 6092
Ion Ratio Lower Upper
153 100
152 50.5 40.0 60.0
154 89.7 70.0 105.0

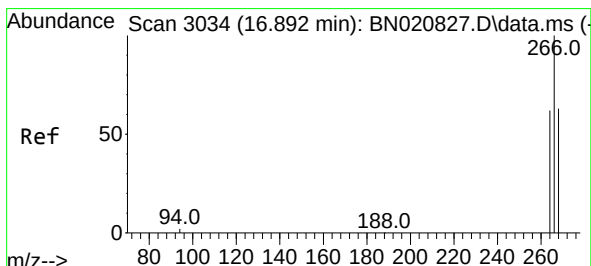
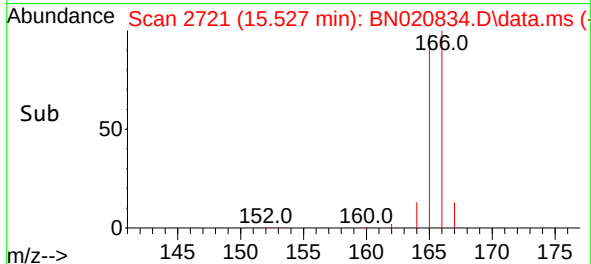
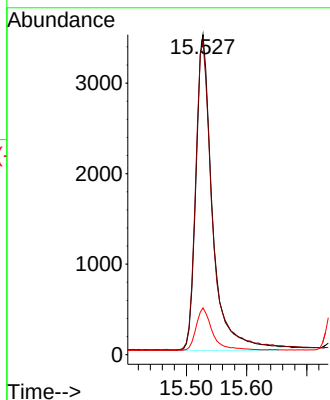
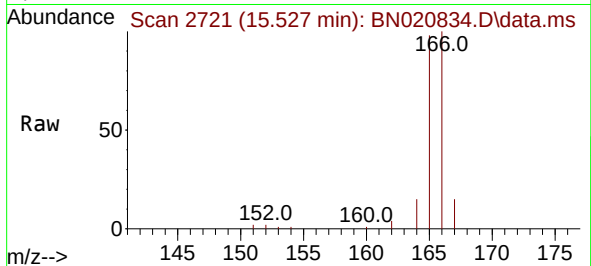




#12
Fluorene
Concen: 0.343 ng/ul
RT: 15.527 min Scan# 21
Delta R.T. 0.003 min
Lab File: BN020834.D
Acq: 25 Jul 2022 20:36

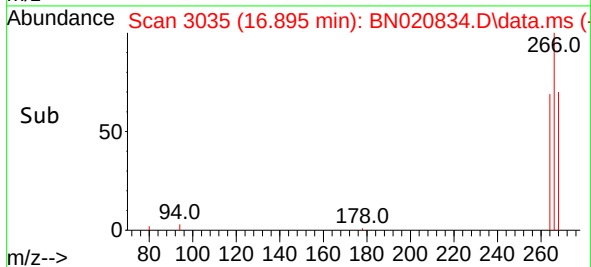
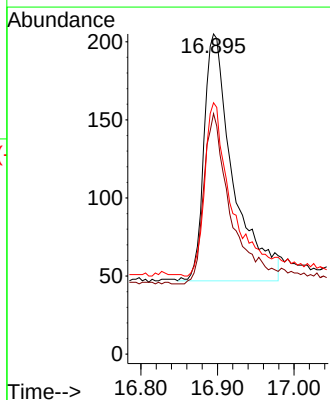
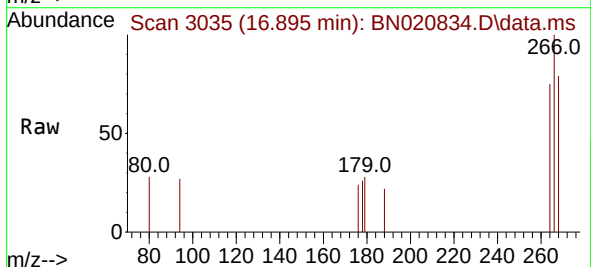
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BNA_N
ClientSampleId :
SSTD0.4252

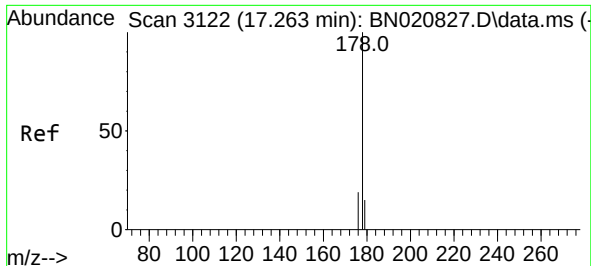
Tgt Ion:166 Resp: 6674
Ion Ratio Lower Upper
166 100
165 97.8 78.2 117.2
167 14.6 11.3 16.9



#14
Pentachlorophenol
Concen: 0.307 ng/ul
RT: 16.895 min Scan# 3035
Delta R.T. 0.003 min
Lab File: BN020834.D
Acq: 25 Jul 2022 20:36

Tgt Ion:266 Resp: 415
Ion Ratio Lower Upper
266 100
264 64.8 51.6 77.4
268 65.5 51.5 77.3

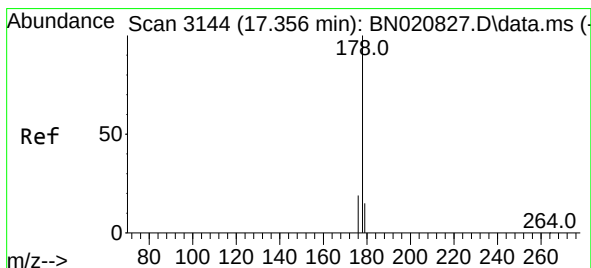
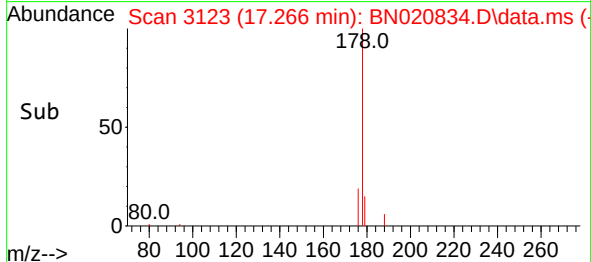
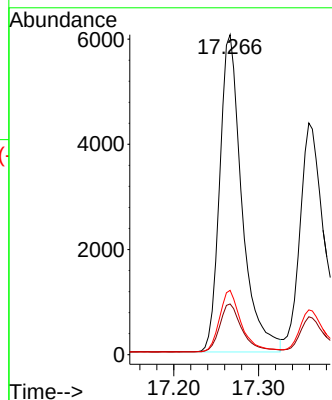
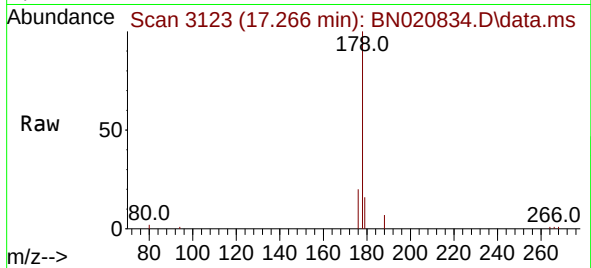




#15
Phenanthrene
Concen: 0.335 ng/ul
RT: 17.266 min Scan# 3123
Delta R.T. 0.003 min
Lab File: BN020834.D
Acq: 25 Jul 2022 20:36

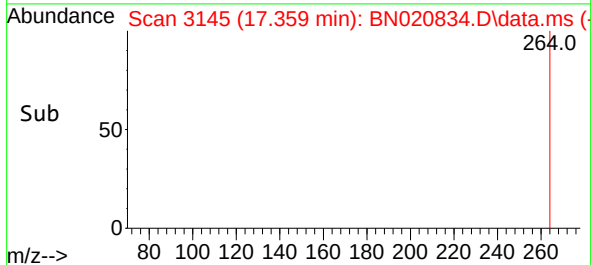
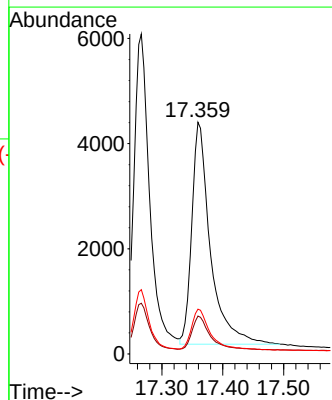
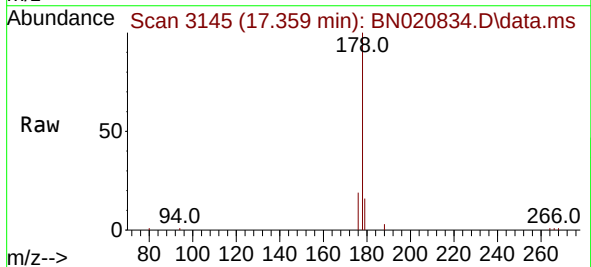
Instrument :
BNA_N
ClientSampleId :
SSTD0.4252

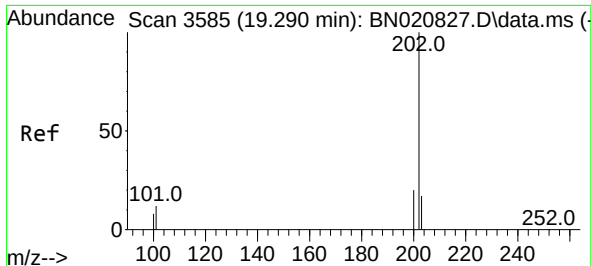
Tgt Ion:178 Resp: 11019
Ion Ratio Lower Upper
178 100
179 15.9 12.6 18.8
176 20.1 15.8 23.6



#16
Anthracene
Concen: 0.341 ng/ul
RT: 17.359 min Scan# 3145
Delta R.T. 0.003 min
Lab File: BN020834.D
Acq: 25 Jul 2022 20:36

Tgt Ion:178 Resp: 8974
Ion Ratio Lower Upper
178 100
179 16.3 12.8 19.2
176 19.3 15.2 22.8

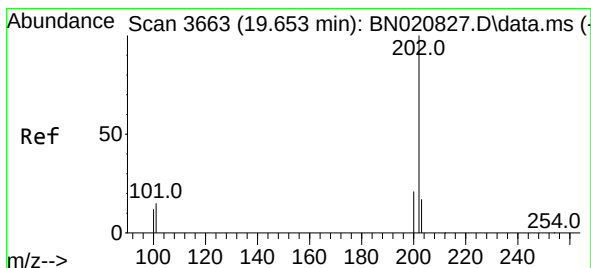
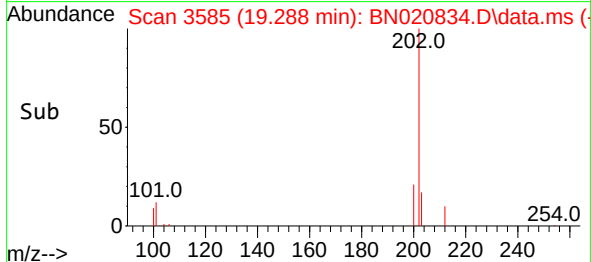
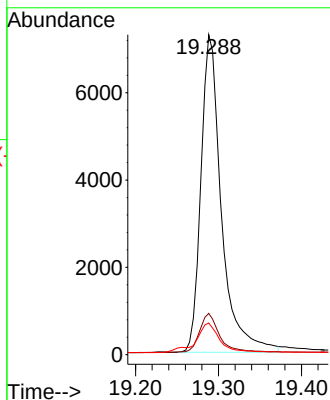
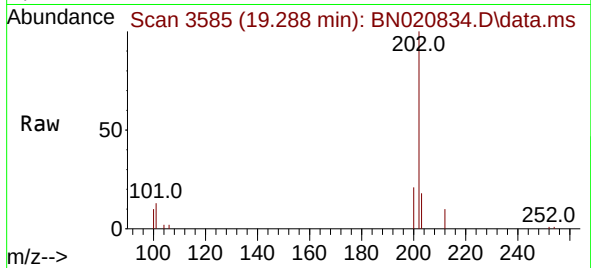




#19
Fluoranthene
Concen: 0.351 ng/ul
RT: 19.288 min Scan# 3585
Delta R.T. -0.002 min
Lab File: BN020834.D
Acq: 25 Jul 2022 20:36

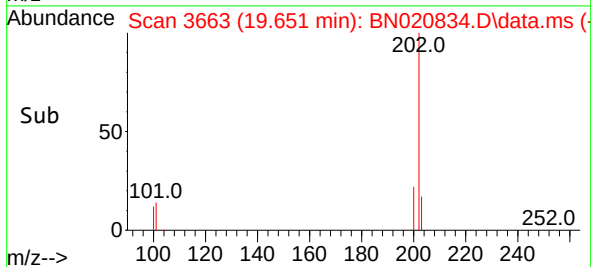
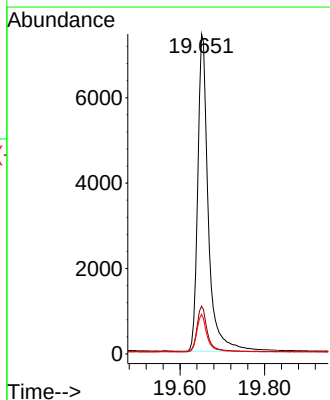
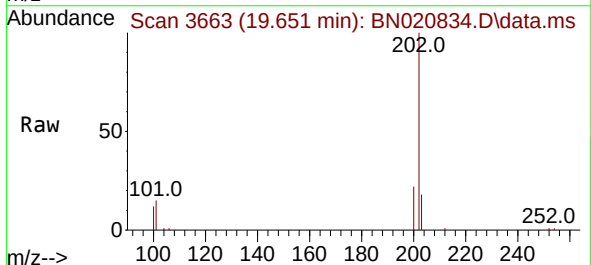
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ClientSampleId :
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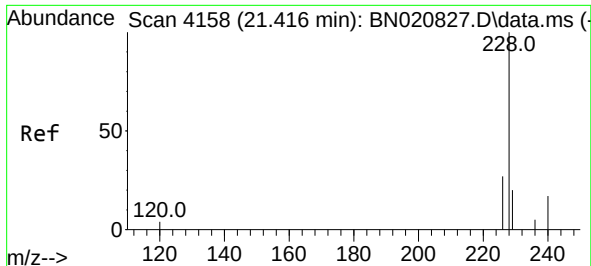
Tgt Ion:202 Resp: 12532
Ion Ratio Lower Upper
202 100
101 12.9 10.3 15.5
100 9.9 7.8 11.6



#20
Pyrene
Concen: 0.346 ng/ul
RT: 19.651 min Scan# 3663
Delta R.T. -0.002 min
Lab File: BN020834.D
Acq: 25 Jul 2022 20:36

Tgt Ion:202 Resp: 12879
Ion Ratio Lower Upper
202 100
101 15.0 11.6 17.4
100 12.4 9.2 13.8

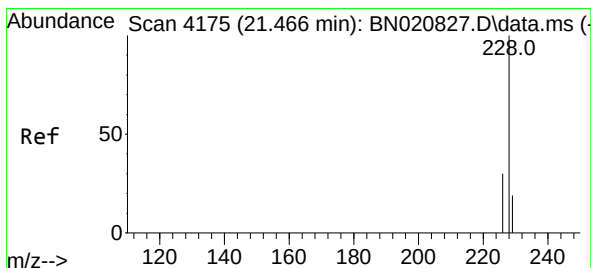
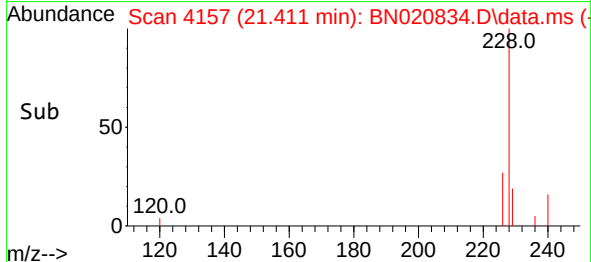
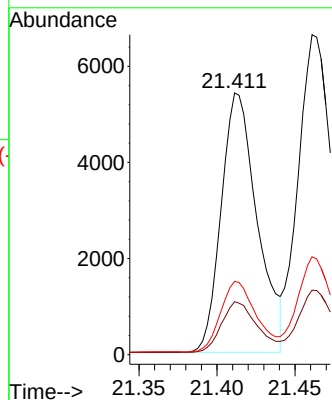
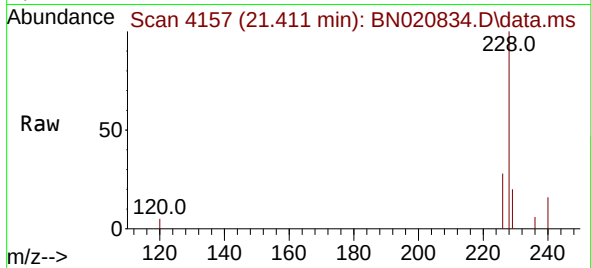




#21
Benzo(a)anthracene
Concen: 0.344 ng/ul
RT: 21.411 min Scan# 4157
Delta R.T. -0.005 min
Lab File: BN020834.D
Acq: 25 Jul 2022 20:36

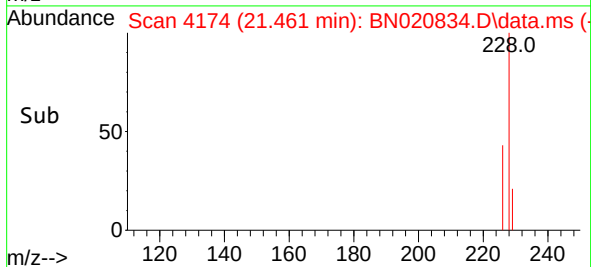
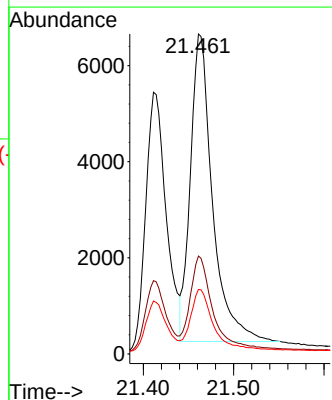
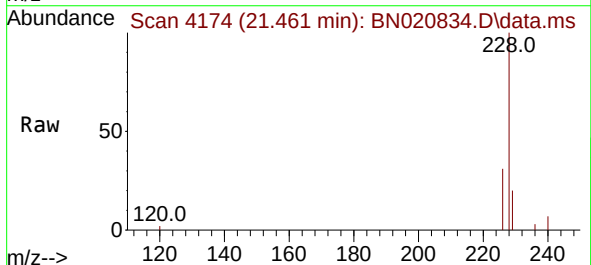
Instrument :
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ClientSampleId :
SSTD0.4252

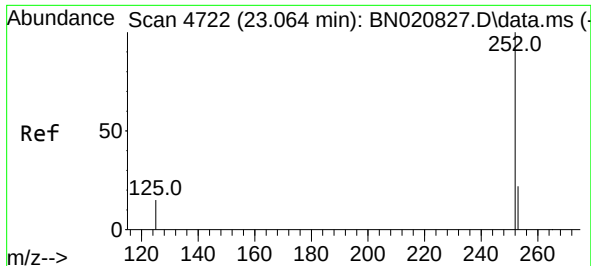
Tgt Ion:228 Resp: 8668
Ion Ratio Lower Upper
228 100
229 20.2 15.9 23.9
226 28.0 22.2 33.2



#22
Chrysene
Concen: 0.336 ng/ul
RT: 21.461 min Scan# 4174
Delta R.T. -0.005 min
Lab File: BN020834.D
Acq: 25 Jul 2022 20:36

Tgt Ion:228 Resp: 10882
Ion Ratio Lower Upper
228 100
226 30.6 23.9 35.9
229 20.1 15.8 23.8

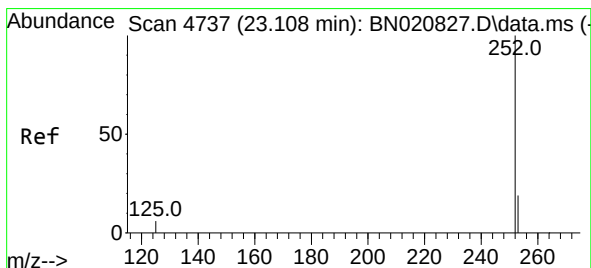
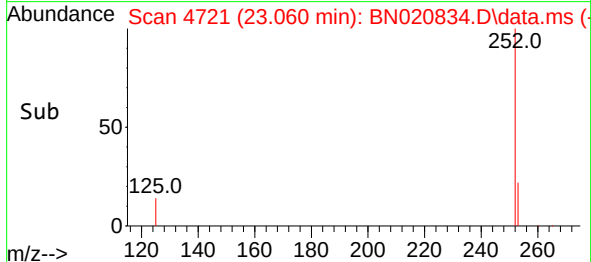
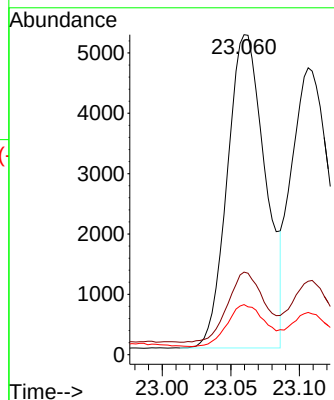
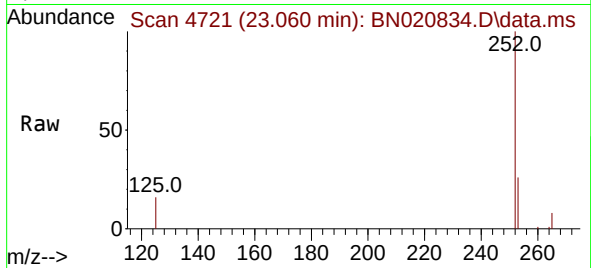




#24
Benzo(b)fluoranthene
Concen: 0.342 ng/ul
RT: 23.060 min Scan# 4722
Delta R.T. -0.005 min
Lab File: BN020834.D
Acq: 25 Jul 2022 20:36

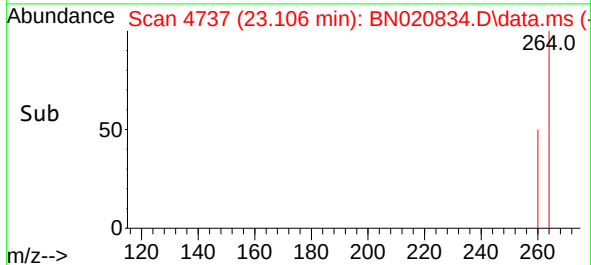
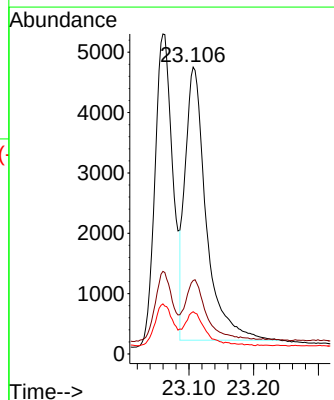
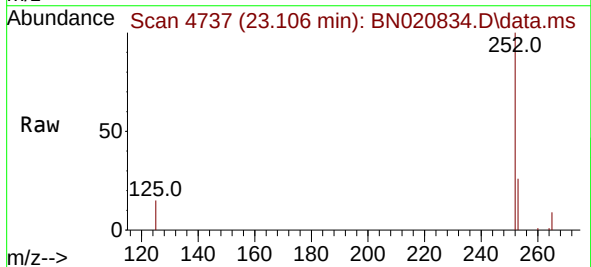
Instrument :
BNA_N
ClientSampleId :
SSTD0.4252

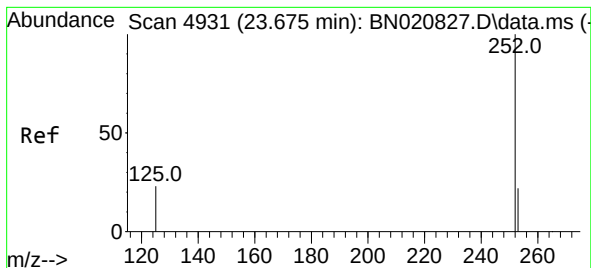
Tgt Ion:252 Resp: 10014
Ion Ratio Lower Upper
252 100
253 25.8 0.0 48.6
125 15.7 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.338 ng/ul
RT: 23.106 min Scan# 4737
Delta R.T. -0.002 min
Lab File: BN020834.D
Acq: 25 Jul 2022 20:36

Tgt Ion:252 Resp: 10240
Ion Ratio Lower Upper
252 100
253 25.6 19.7 29.5
125 14.7 12.0 18.0





#26

Benzo(a)pyrene

Concen: 0.336 ng/ul

RT: 23.671 min Scan# 4931

Delta R.T. -0.005 min

Lab File: BN020834.D

Acq: 25 Jul 2022 20:36

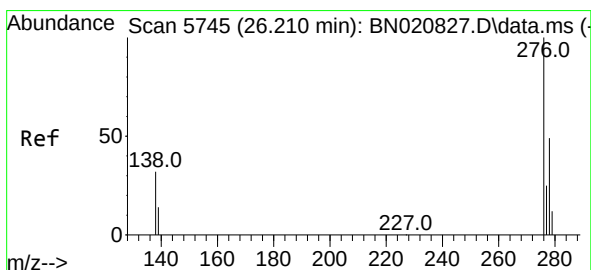
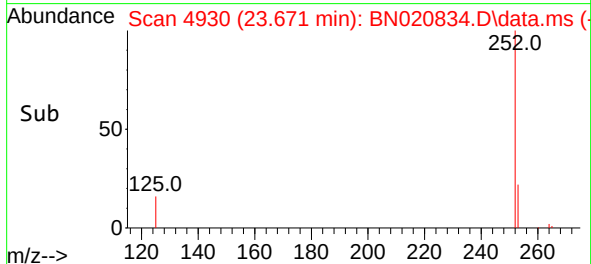
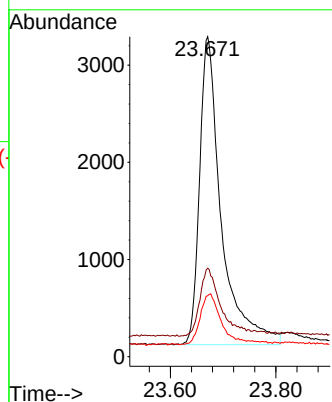
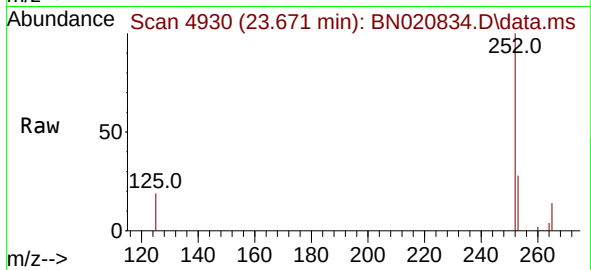
Instrument :

BNA_N

ClientSampleId :

SSTD0.4252

Tgt Ion:	252	Resp:	9064
Ion Ratio	Lower	Upper	
252	100		
253	27.7	21.0	31.4
125	19.1	18.8	28.2



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.324 ng/ul

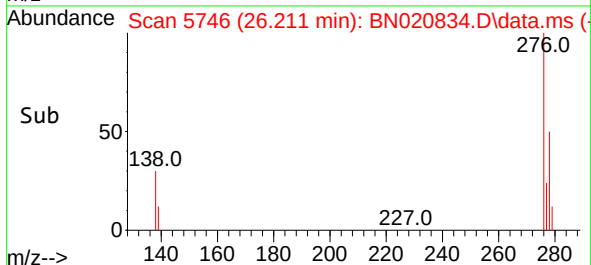
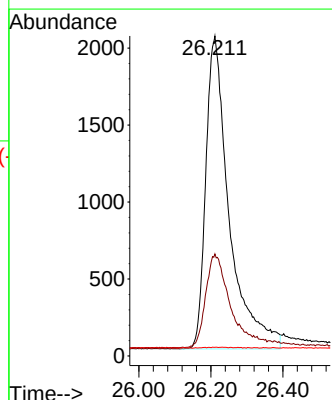
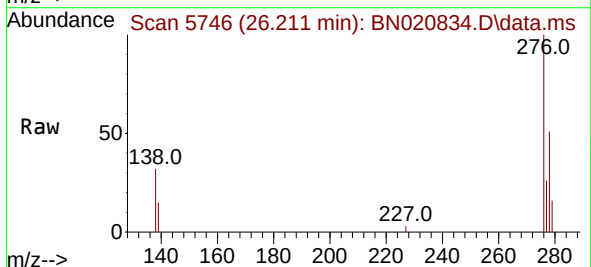
RT: 26.211 min Scan# 5746

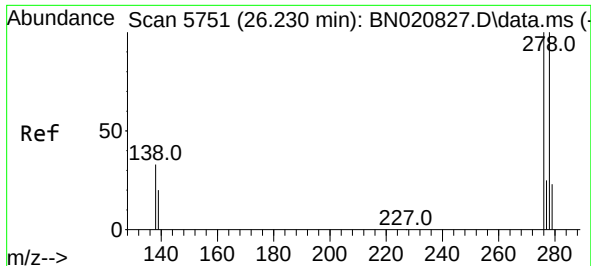
Delta R.T. 0.002 min

Lab File: BN020834.D

Acq: 25 Jul 2022 20:36

Tgt Ion:	276	Resp:	9192
Ion Ratio	Lower	Upper	
276	100		
138	32.6	27.4	41.2
227	0.1	0.2	0.2





#28

Dibenzo(a,h)anthracene

Concen: 0.325 ng/ul

RT: 26.231 min Scan# 5751

Delta R.T. 0.002 min

Lab File: BN020834.D

Acq: 25 Jul 2022 20:36

Instrument :

BNA_N

ClientSampleId :

SSTD0.4252

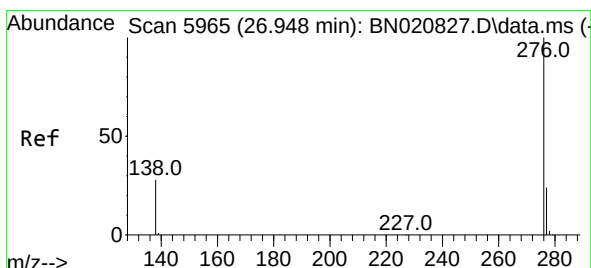
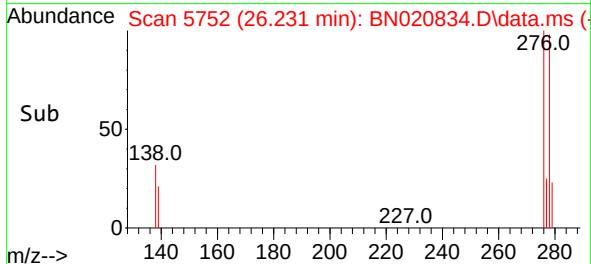
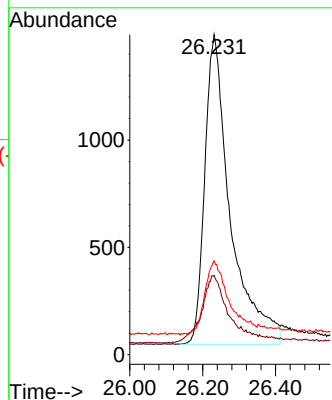
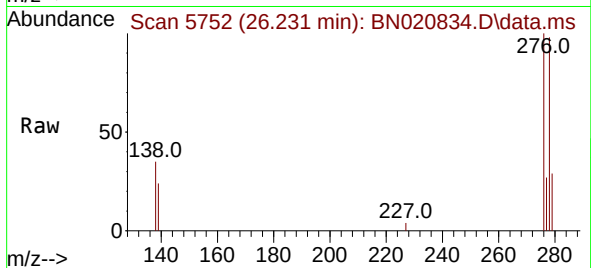
Tgt Ion:278 Resp: 7043

Ion Ratio Lower Upper

278 100

139 24.7 18.8 28.2

279 29.3 21.4 32.0



#29

Benzo(g,h,i)perylene

Concen: 0.335 ng/ul

RT: 26.946 min Scan# 5965

Delta R.T. -0.002 min

Lab File: BN020834.D

Acq: 25 Jul 2022 20:36

Tgt Ion:276 Resp: 8575

Ion Ratio Lower Upper

276 100

138 29.2 23.5 35.3

277 26.6 20.1 30.1

