

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080822\
 Data File : BN021077.D
 Acq On : 08 Aug 2022 23:23
 Operator : CG/JU
 Sample : PB146821BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS821

Quant Time: Aug 09 00:25:55 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 : Mon Aug 08 23:08:49 2022
 Response via : Initial Calibration

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

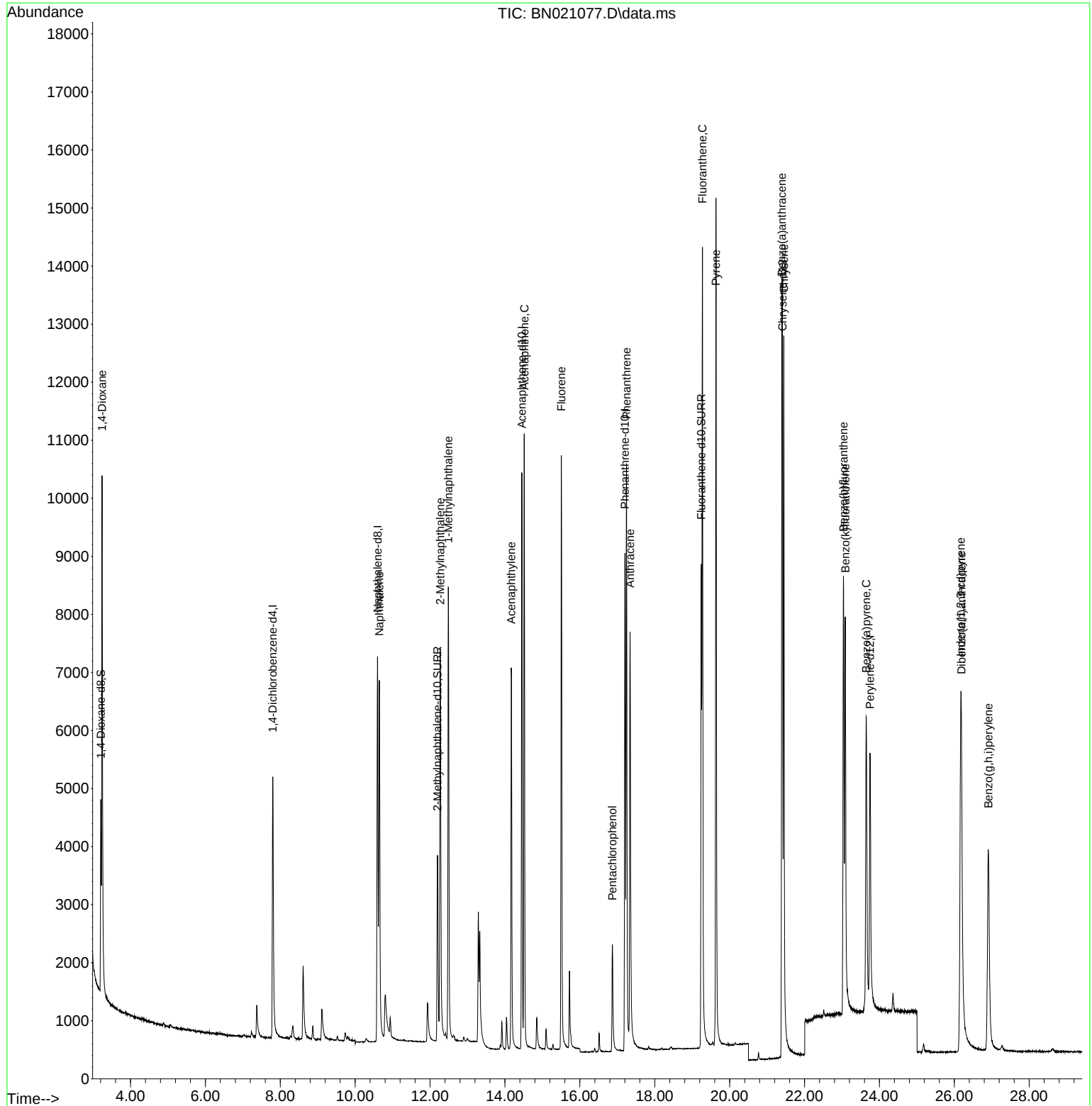
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.801	152	3017	0.400	ng/ul	0.01
4) Naphthalene-d8	10.596	136	10306	0.400	ng/ul	0.01
9) Acenaphthene-d10	14.452	164	5826	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.205	188	11262	0.400	ng/ul	0.00
17) Chrysene-d12	21.409	240	8805	0.400	ng/ul	-0.01
23) Perylene-d12	23.748	264	6839	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	2225	0.576	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.197	152	5097	0.338	ng/ul	0.00
18) Fluoranthene-d10	19.245	212	10419	0.383	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	5941	1.494	ng/ul#	85
5) Naphthalene	10.646	128	9808	0.310	ng/ul	99
7) 2-Methylnaphthalene	12.274	142	5965	0.311	ng/ul	99
8) 1-Methylnaphthalene	12.488	142	6102	0.318	ng/ul	99
10) Acenaphthylene	14.170	152	8555	0.314	ng/ul	100
11) Acenaphthene	14.517	153	6687	0.297	ng/ul	98
12) Fluorene	15.507	166	7404	0.301	ng/ul	98
14) Pentachlorophenol	16.868	266	1565	0.901	ng/ul	99
15) Phenanthrene	17.248	178	11997	0.298	ng/ul	100
16) Anthracene	17.340	178	9953	0.319	ng/ul	99
19) Fluoranthene	19.272	202	13071	0.335	ng/ul	100
20) Pyrene	19.635	202	13587	0.338	ng/ul	99
21) Benzo(a)anthracene	21.395	228	10261	0.357	ng/ul	100
22) Chrysene	21.447	228	11841	0.313	ng/ul	100
24) Benzo(b)fluoranthene	23.040	252	10228	0.323	ng/ul	98
25) Benzo(k)fluoranthene	23.087	252	10622	0.318	ng/ul	99
26) Benzo(a)pyrene	23.645	252	9446	0.327	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.172	276	9714	0.282	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.189	278	7855	0.288	ng/ul	98
29) Benzo(g,h,i)perylene	26.910	276	8644	0.281	ng/ul	99

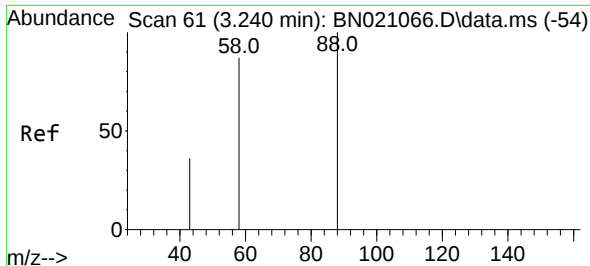
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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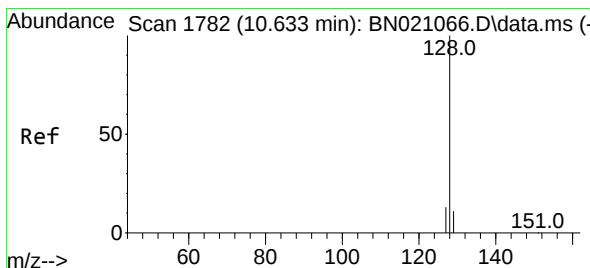
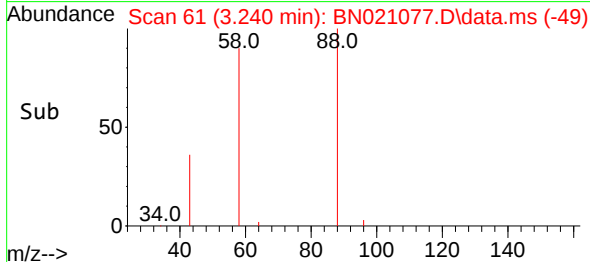
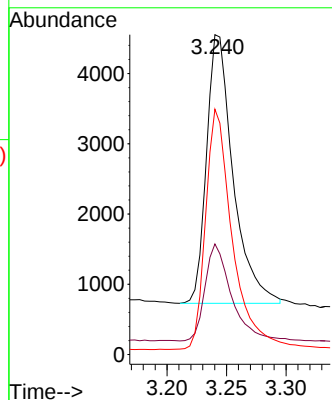
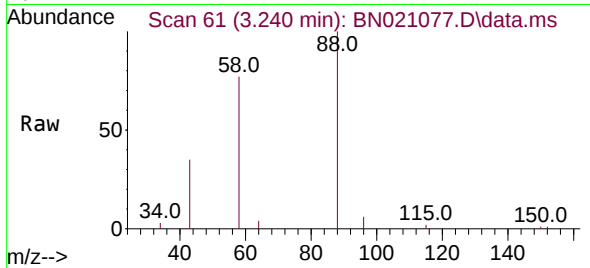




#2
1,4-Dioxane
Concen: 1.494 ng/ul
RT: 3.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN021077.D
Acq: 08 Aug 2022 23:23

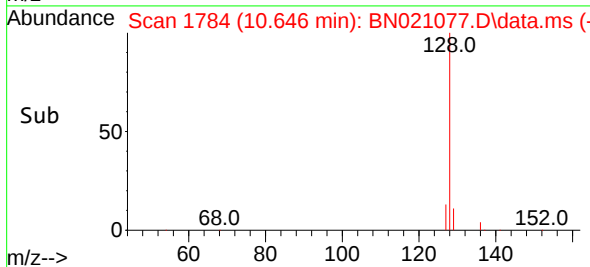
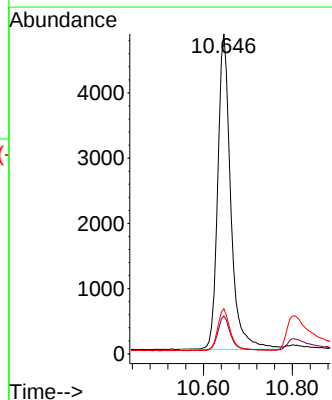
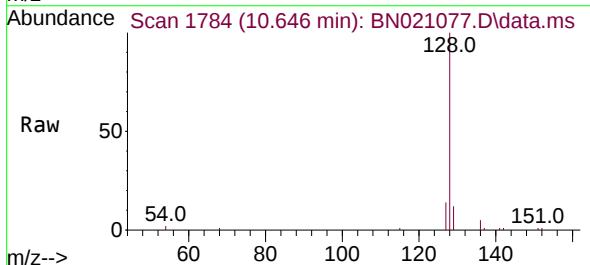
Instrument :
BNA_N
ClientSampleId :
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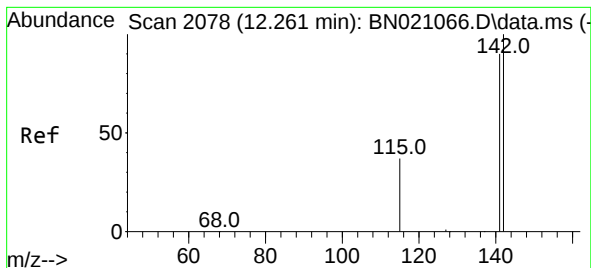
Tgt Ion: 88 Resp: 5941
Ion Ratio Lower Upper
88 100
43 34.6 31.4 47.0
58 76.7 49.0 73.6#



#5
Naphthalene
Concen: 0.310 ng/ul
RT: 10.646 min Scan# 1784
Delta R.T. 0.012 min
Lab File: BN021077.D
Acq: 08 Aug 2022 23:23

Tgt Ion: 128 Resp: 9808
Ion Ratio Lower Upper
128 100
129 11.8 9.8 14.6
127 14.1 11.6 17.4

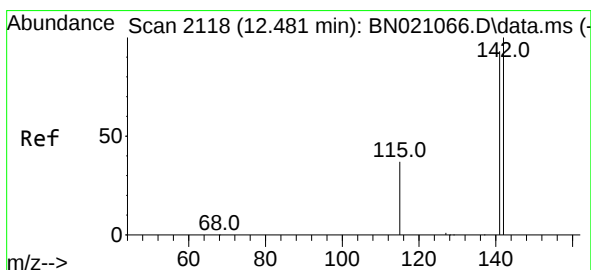
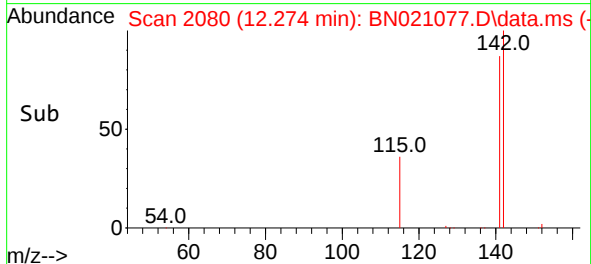
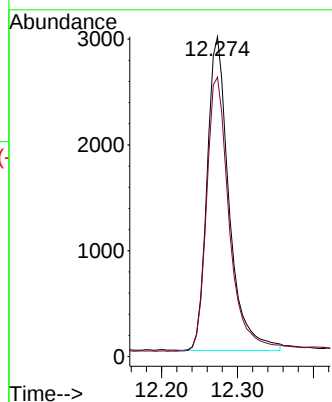
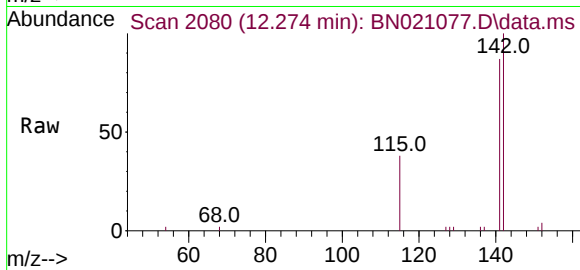




#7
2-Methylnaphthalene
Concen: 0.311 ng/ul
RT: 12.274 min Scan# 2078
Delta R.T. 0.012 min
Lab File: BN021077.D
Acq: 08 Aug 2022 23:23

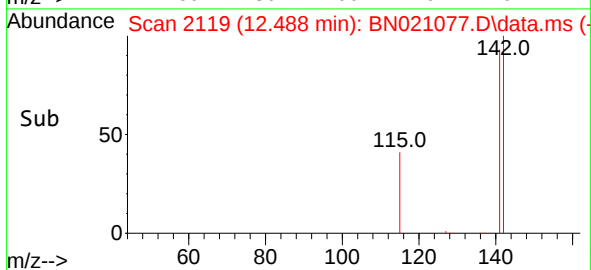
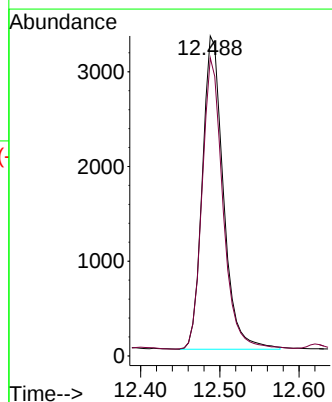
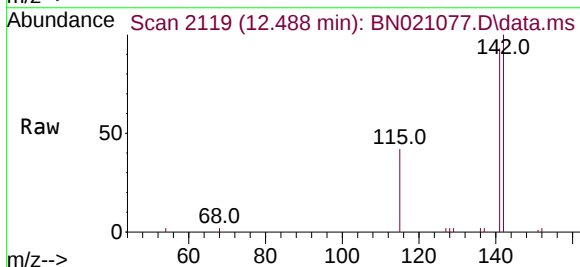
Instrument :
BNA_N
ClientSampleId :
SLCS821

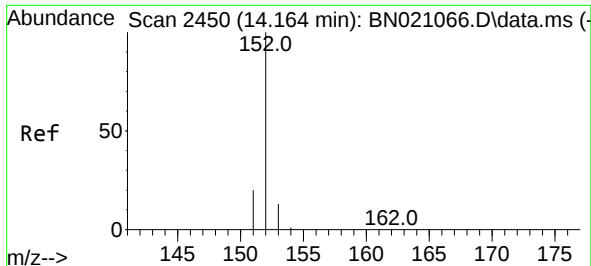
Tgt Ion:142 Resp: 5965
Ion Ratio Lower Upper
142 100
141 89.6 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.318 ng/ul
RT: 12.488 min Scan# 2119
Delta R.T. 0.007 min
Lab File: BN021077.D
Acq: 08 Aug 2022 23:23

Tgt Ion:142 Resp: 6102
Ion Ratio Lower Upper
142 100
141 91.7 73.9 110.9

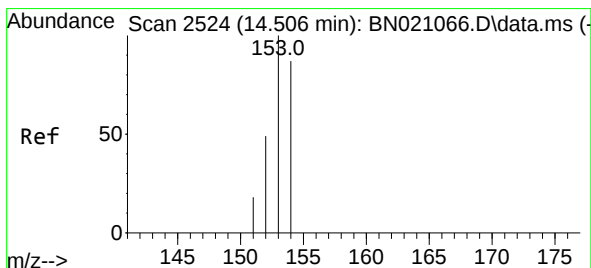
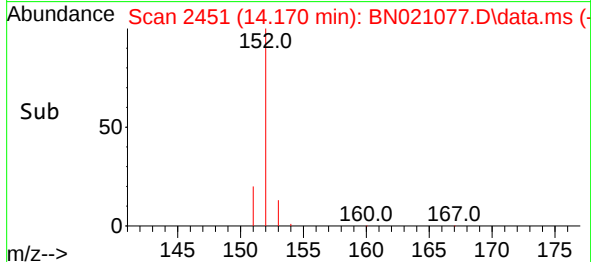
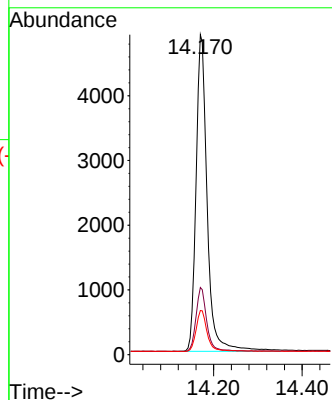
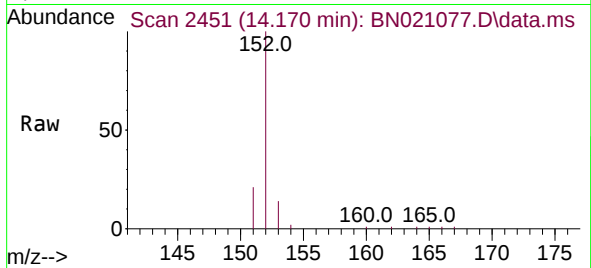




#10
Acenaphthylene
Concen: 0.314 ng/ul
RT: 14.170 min Scan# 2450
Delta R.T. 0.006 min
Lab File: BN021077.D
Acq: 08 Aug 2022 23:23

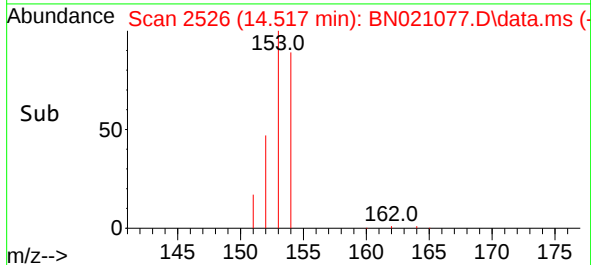
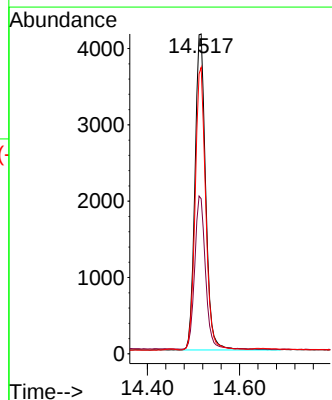
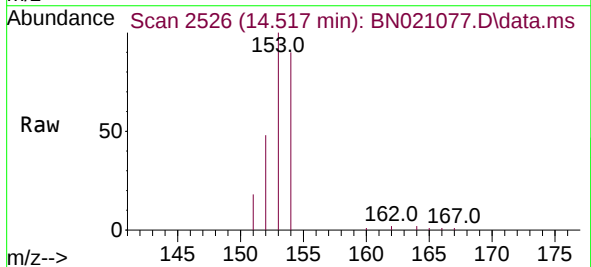
Instrument :
BNA_N
ClientSampleId :
SLCS821

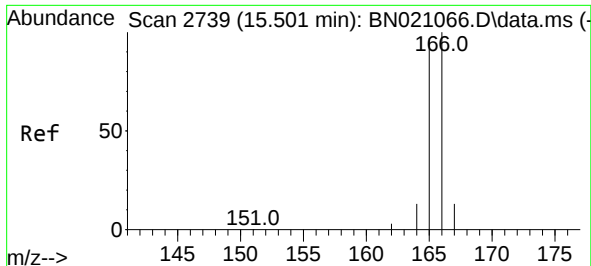
Tgt Ion:152 Resp: 8555
Ion Ratio Lower Upper
152 100
151 21.0 16.9 25.3
153 13.8 11.2 16.8



#11
Acenaphthene
Concen: 0.297 ng/ul
RT: 14.517 min Scan# 2526
Delta R.T. 0.011 min
Lab File: BN021077.D
Acq: 08 Aug 2022 23:23

Tgt Ion:153 Resp: 6687
Ion Ratio Lower Upper
153 100
152 48.4 40.2 60.4
154 89.5 70.7 106.1

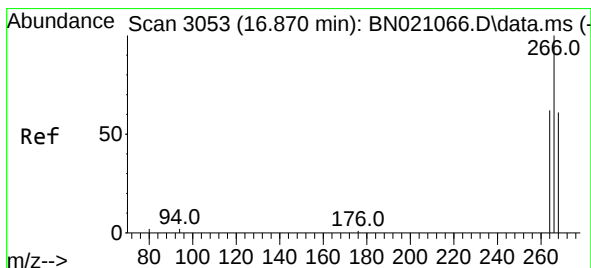
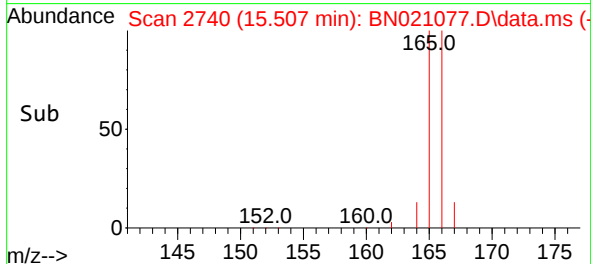
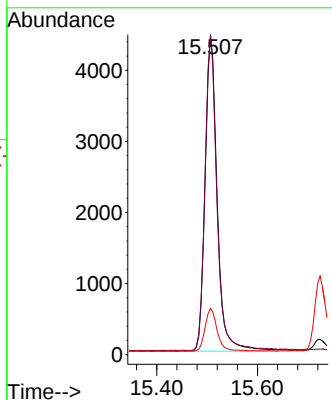
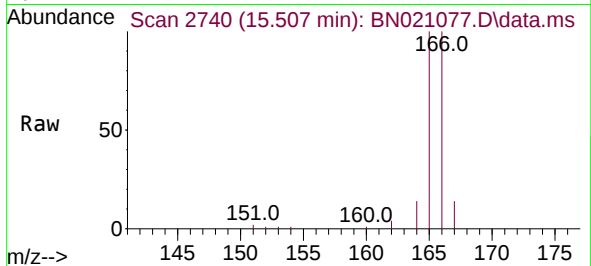




#12
Fluorene
Concen: 0.301 ng/ul
RT: 15.507 min Scan# 21
Delta R.T. 0.006 min
Lab File: BN021077.D
Acq: 08 Aug 2022 23:23

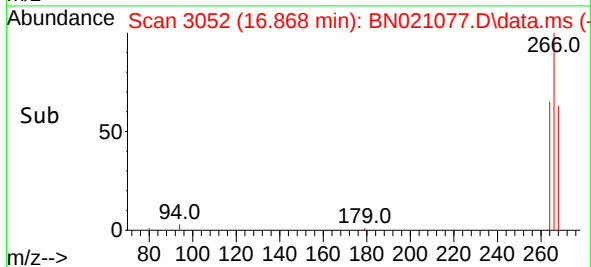
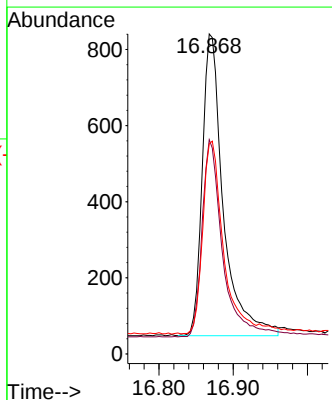
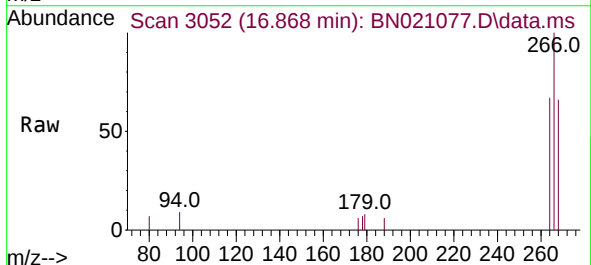
Instrument :
BNA_N
ClientSampleId :
SLCS821

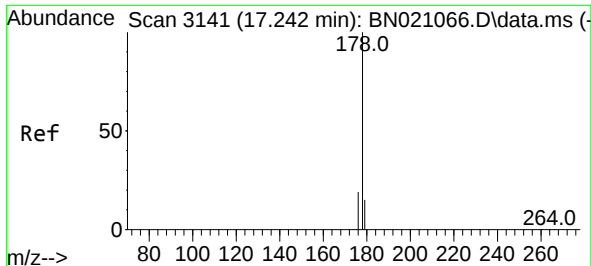
Tgt Ion:166 Resp: 7404
Ion Ratio Lower Upper
166 100
165 99.9 78.6 117.8
167 14.4 11.8 17.6



#14
Pentachlorophenol
Concen: 0.901 ng/ul
RT: 16.868 min Scan# 3052
Delta R.T. -0.003 min
Lab File: BN021077.D
Acq: 08 Aug 2022 23:23

Tgt Ion:266 Resp: 1565
Ion Ratio Lower Upper
266 100
264 63.7 49.8 74.8
268 63.7 50.6 75.8

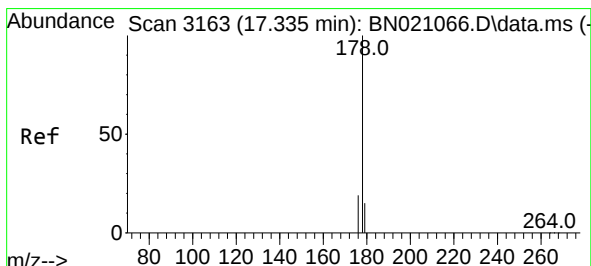
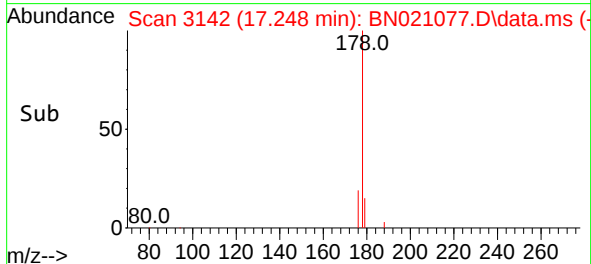
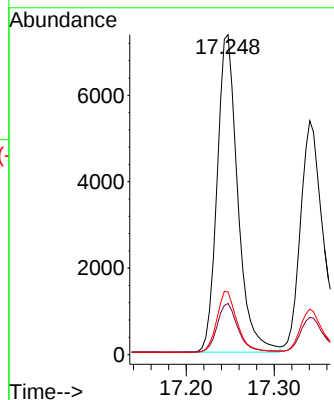
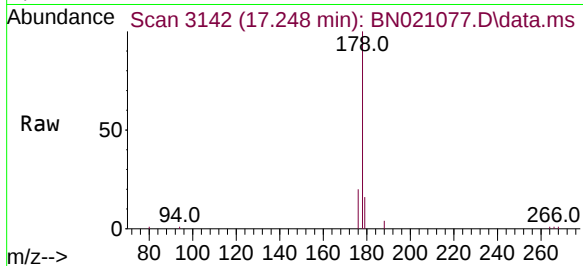




#15
Phenanthrene
Concen: 0.298 ng/ul
RT: 17.248 min Scan# 3141
Delta R.T. 0.006 min
Lab File: BN021077.D
Acq: 08 Aug 2022 23:23

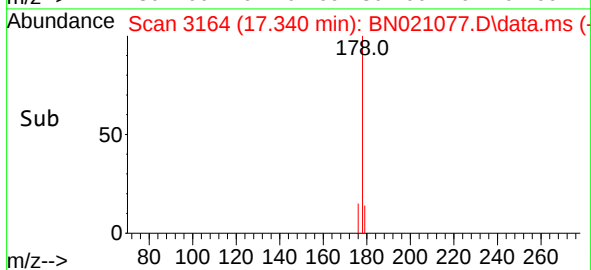
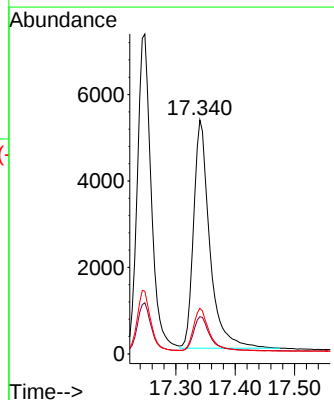
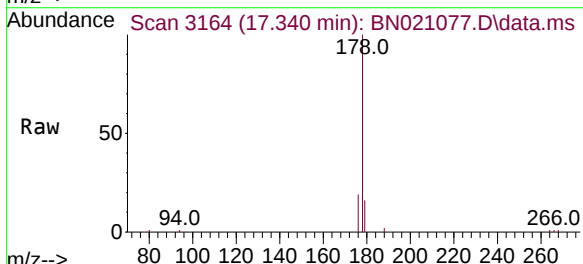
Instrument :
BNA_N
ClientSampleId :
SLCS821

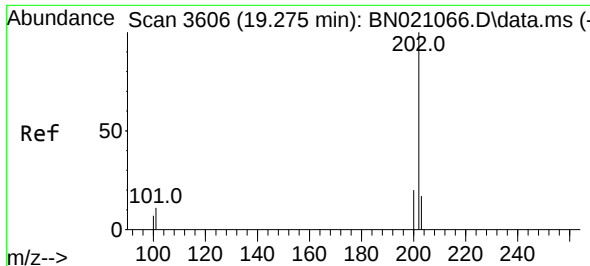
Tgt Ion:178 Resp: 11997
Ion Ratio Lower Upper
178 100
179 16.0 12.8 19.2
176 19.6 15.9 23.9



#16
Anthracene
Concen: 0.319 ng/ul
RT: 17.340 min Scan# 3164
Delta R.T. 0.006 min
Lab File: BN021077.D
Acq: 08 Aug 2022 23:23

Tgt Ion:178 Resp: 9953
Ion Ratio Lower Upper
178 100
179 15.9 12.9 19.3
176 19.4 15.9 23.9





#19

Fluoranthene

Concen: 0.335 ng/ul

RT: 19.272 min Scan# 3606

Delta R.T. -0.003 min

Lab File: BN021077.D

Acq: 08 Aug 2022 23:23

Instrument :

BNA_N

ClientSampleId :

SLCS821

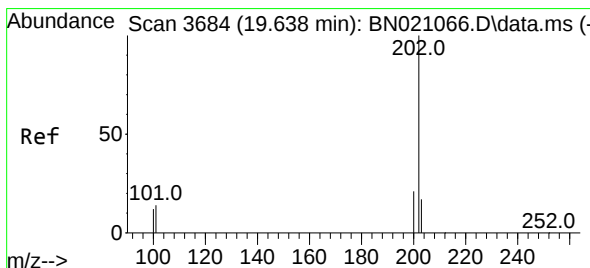
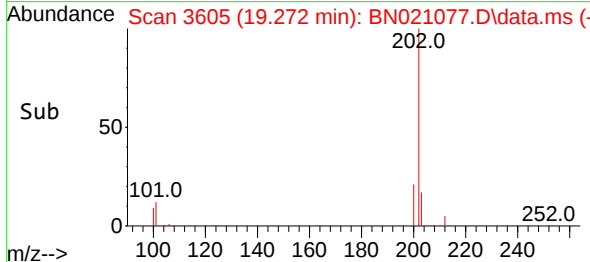
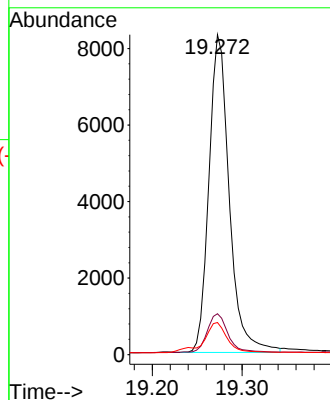
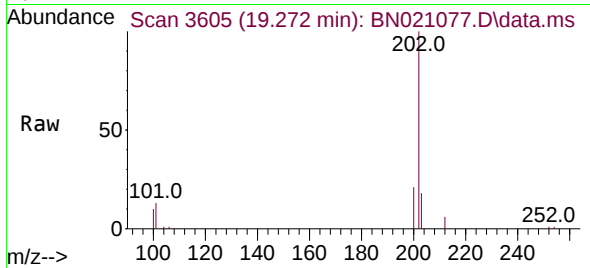
Tgt Ion:202 Resp: 13071

Ion Ratio Lower Upper

202 100

101 12.8 10.0 15.0

100 10.0 8.0 12.0



#20

Pyrene

Concen: 0.338 ng/ul

RT: 19.635 min Scan# 3683

Delta R.T. -0.003 min

Lab File: BN021077.D

Acq: 08 Aug 2022 23:23

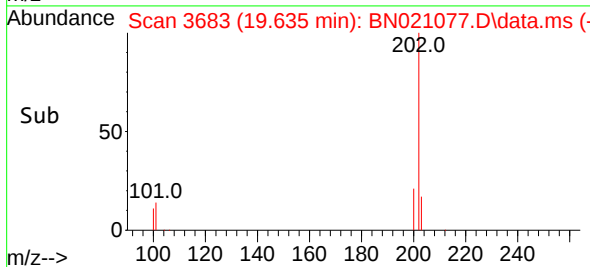
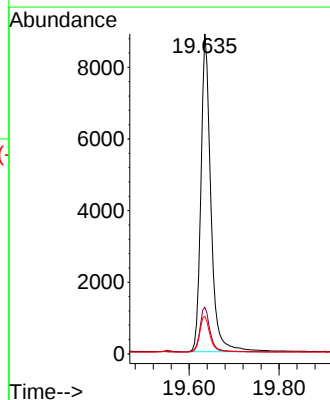
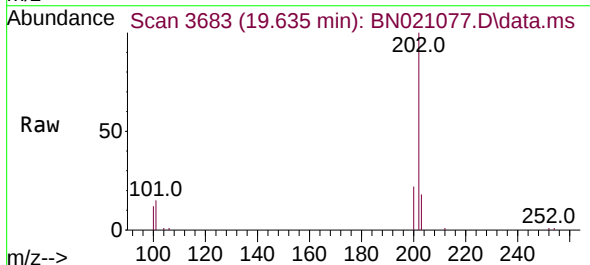
Tgt Ion:202 Resp: 13587

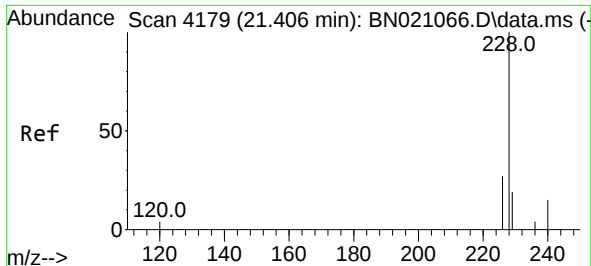
Ion Ratio Lower Upper

202 100

101 14.6 11.3 16.9

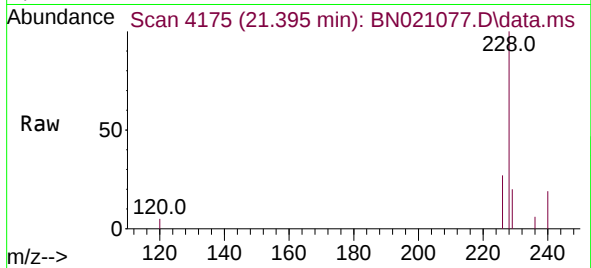
100 11.7 9.0 13.4



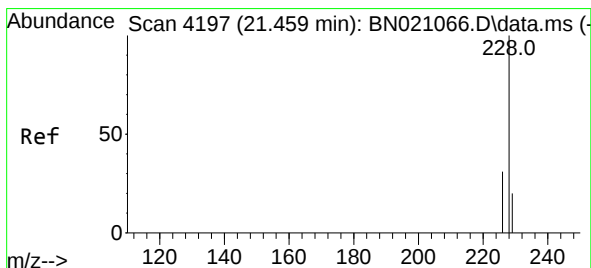
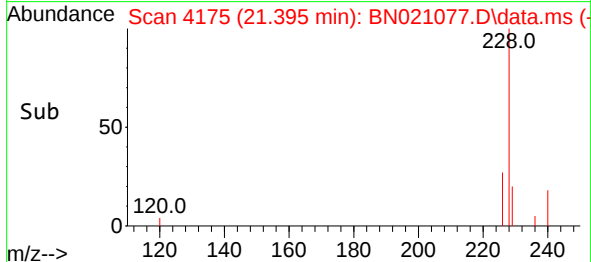
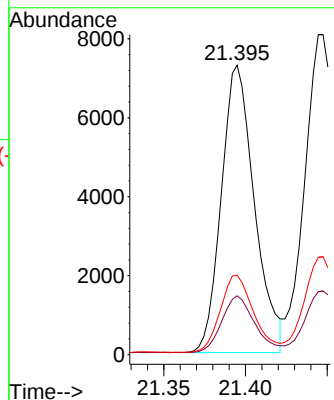


#21
Benzo(a)anthracene
Concen: 0.357 ng/ul
RT: 21.395 min Scan# 4175
Delta R.T. -0.012 min
Lab File: BN021077.D
Acq: 08 Aug 2022 23:23

Instrument :
BNA_N
ClientSampleId :
SLCS821

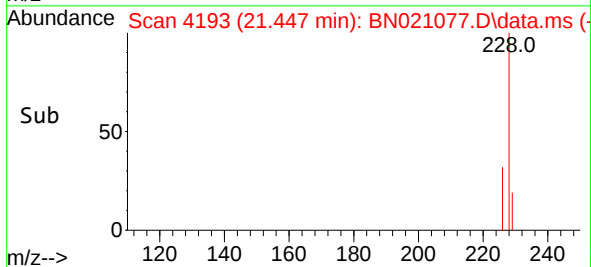
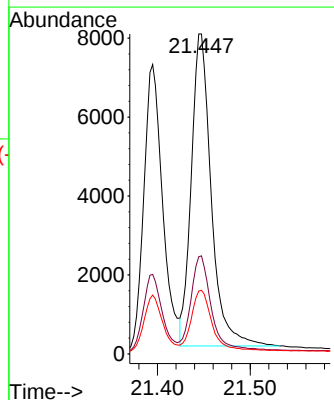
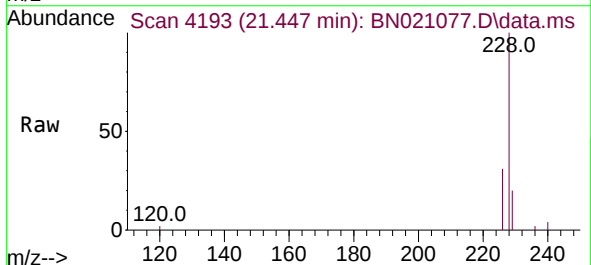


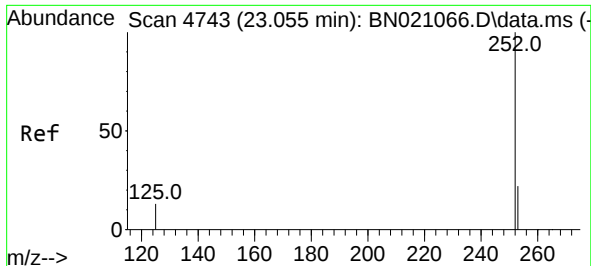
Tgt Ion:228 Resp: 10261
Ion Ratio Lower Upper
228 100
229 20.3 16.0 24.0
226 27.5 21.9 32.9



#22
Chrysene
Concen: 0.313 ng/ul
RT: 21.447 min Scan# 4193
Delta R.T. -0.012 min
Lab File: BN021077.D
Acq: 08 Aug 2022 23:23

Tgt Ion:228 Resp: 11841
Ion Ratio Lower Upper
228 100
226 30.6 24.6 37.0
229 19.9 15.8 23.8

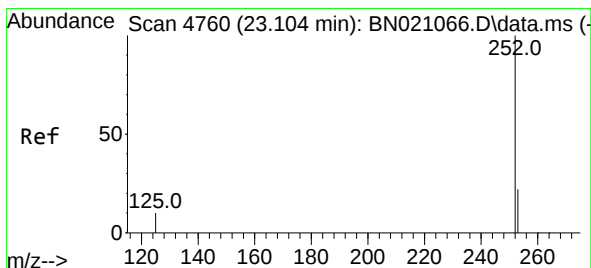
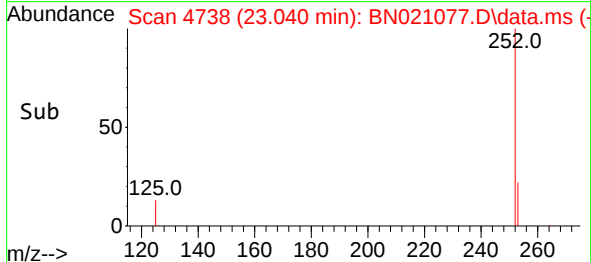
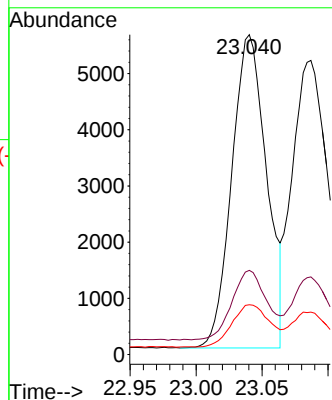
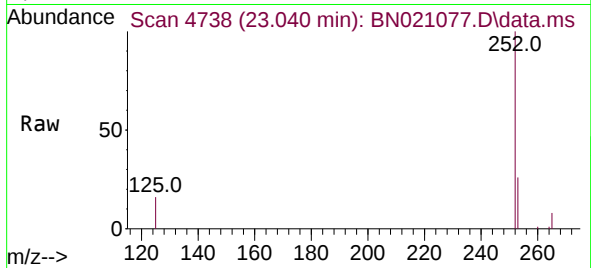




#24
Benzo(b)fluoranthene
Concen: 0.323 ng/ul
RT: 23.040 min Scan# 4743
Delta R.T. -0.014 min
Lab File: BN021077.D
Acq: 08 Aug 2022 23:23

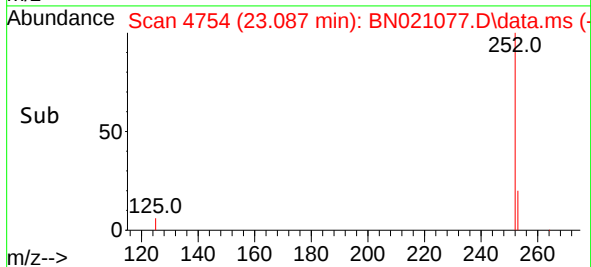
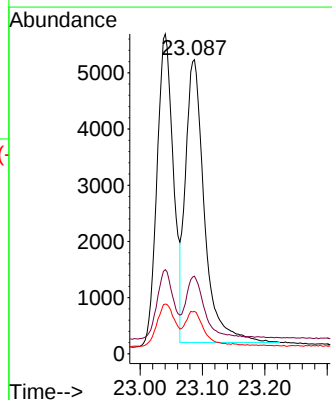
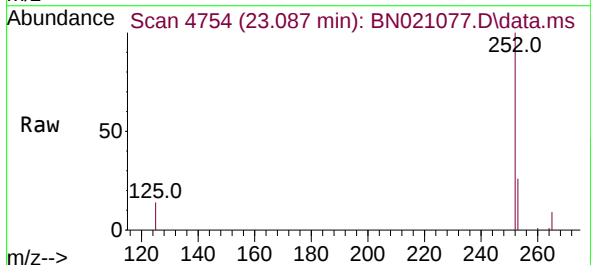
Instrument :
BNA_N
ClientSampleId :
SLCS821

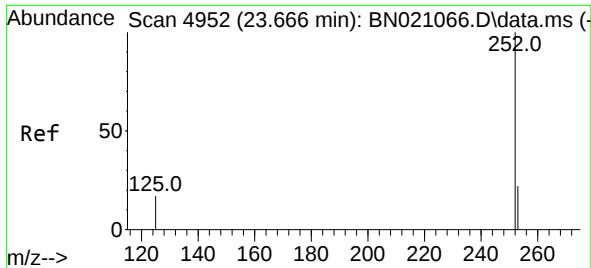
Tgt Ion:252 Resp: 10228
Ion Ratio Lower Upper
252 100
253 26.3 0.0 50.8
125 15.6 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.318 ng/ul
RT: 23.087 min Scan# 4754
Delta R.T. -0.017 min
Lab File: BN021077.D
Acq: 08 Aug 2022 23:23

Tgt Ion:252 Resp: 10622
Ion Ratio Lower Upper
252 100
253 26.4 20.6 31.0
125 14.4 11.8 17.6

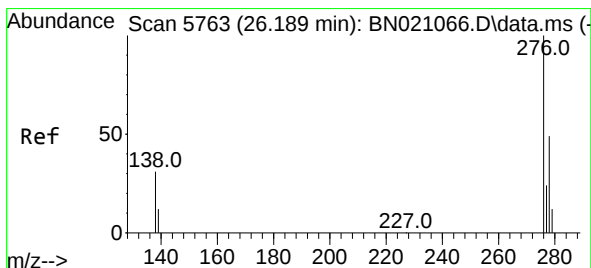
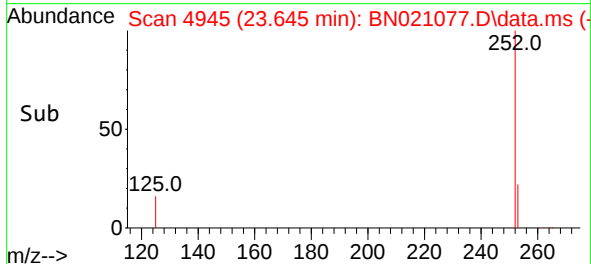
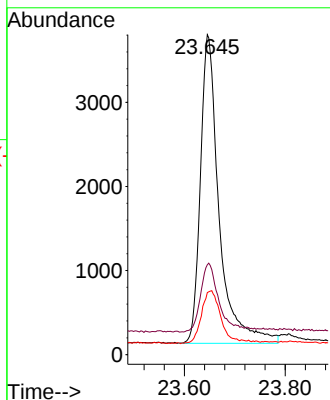
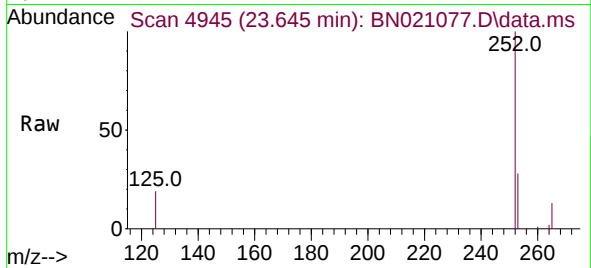




#26
Benzo(a)pyrene
Concen: 0.327 ng/ul
RT: 23.645 min Scan# 4952
Delta R.T. -0.020 min
Lab File: BN021077.D
Acq: 08 Aug 2022 23:23

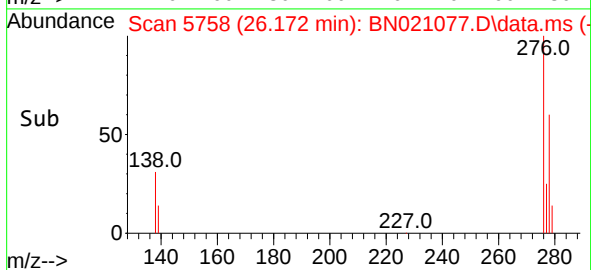
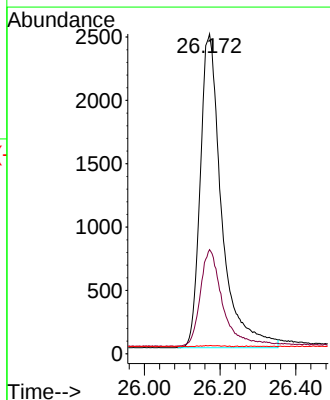
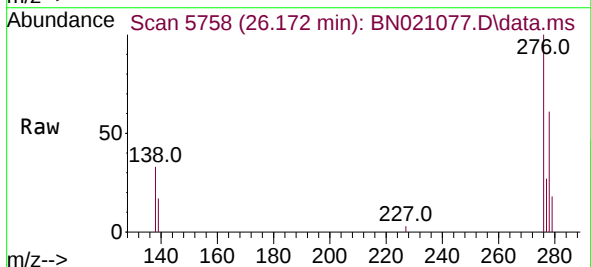
Instrument :
BNA_N
ClientSampleId :
SLCS821

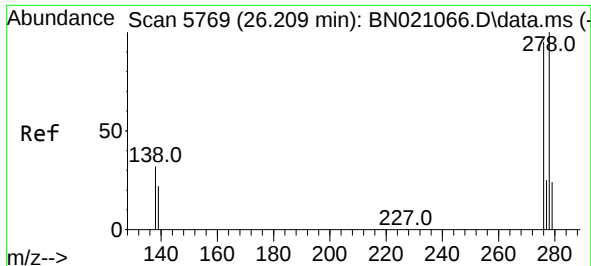
Tgt Ion:252 Resp: 9446
Ion Ratio Lower Upper
252 100
253 28.1 22.1 33.1
125 19.4 14.7 22.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.282 ng/ul
RT: 26.172 min Scan# 5758
Delta R.T. -0.017 min
Lab File: BN021077.D
Acq: 08 Aug 2022 23:23

Tgt Ion:276 Resp: 9714
Ion Ratio Lower Upper
276 100
138 32.8 26.1 39.1
227 0.2 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.288 ng/ul

RT: 26.189 min Scan# 51

Delta R.T. -0.020 min

Lab File: BN021077.D

Acq: 08 Aug 2022 23:23

Instrument :

BNA_N

ClientSampleId :

SLCS821

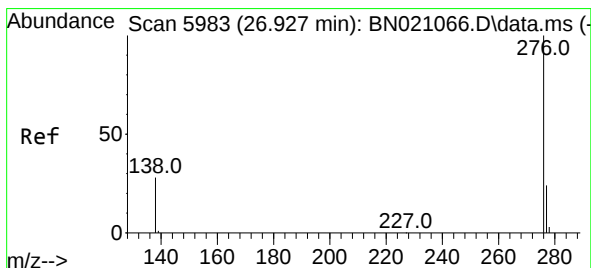
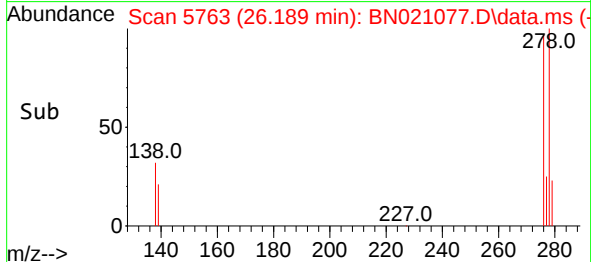
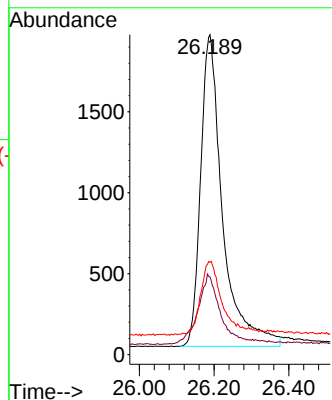
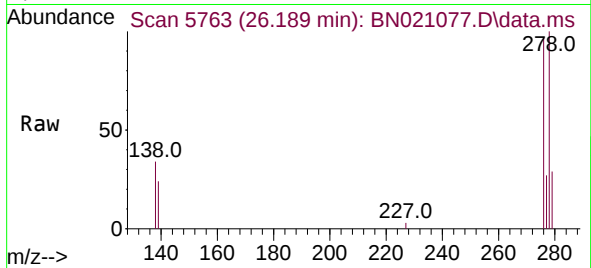
Tgt Ion:278 Resp: 7855

Ion Ratio Lower Upper

278 100

139 24.3 18.3 27.5

279 28.8 23.9 35.9



#29

Benzo(g,h,i)perylene

Concen: 0.281 ng/ul

RT: 26.910 min Scan# 5978

Delta R.T. -0.017 min

Lab File: BN021077.D

Acq: 08 Aug 2022 23:23

Tgt Ion:276 Resp: 8644

Ion Ratio Lower Upper

276 100

138 29.4 22.6 34.0

277 25.1 20.2 30.2

