

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081222\
 Data File : BN021209.D
 Acq On : 13 Aug 2022 12:43
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 94 Sample Multiplier: 1

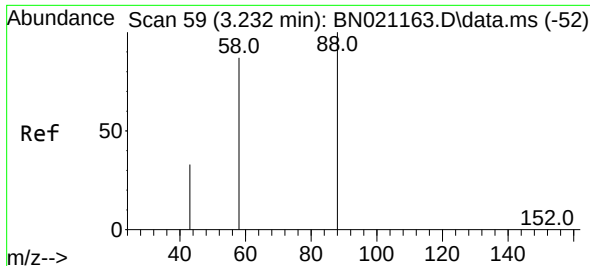
Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 14 23:04:00 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)

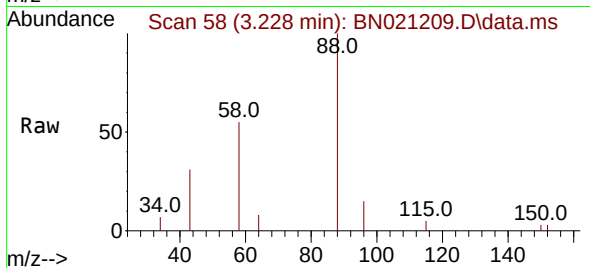
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.788	152	3128	0.400	ng/ul	0.00
4) Naphthalene-d8	10.580	136	10909	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.433	164	7287	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.188	188	13664	0.400	ng/ul	0.00
17) Chrysene-d12	21.395	240	9668	0.400	ng/ul	0.00
23) Perylene-d12	23.724	264	7126	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.194	96	1856	0.464	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.180	152	7618	0.477	ng/ul	0.00
18) Fluoranthene-d10	19.226	212	14428	0.483	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.228	88	1885	0.457	ng/ul	90
5) Naphthalene	10.629	128	11729	0.350	ng/ul	99
7) 2-Methylnaphthalene	12.257	142	8569	0.422	ng/ul	99
8) 1-Methylnaphthalene	12.471	142	9474	0.466	ng/ul	100
10) Acenaphthylene	14.156	152	12117	0.356	ng/ul	98
11) Acenaphthene	14.498	153	9816	0.348	ng/ul	99
12) Fluorene	15.488	166	10601	0.344	ng/ul	100
14) Pentachlorophenol	16.859	266	513	0.243	ng/ul	98
15) Phenanthrene	17.226	178	16678	0.341	ng/ul	100
16) Anthracene	17.324	178	13562	0.358	ng/ul	99
19) Fluoranthene	19.254	202	17820	0.416	ng/ul	98
20) Pyrene	19.621	202	18281	0.414	ng/ul	98
21) Benzo(a)anthracene	21.377	228	10965	0.348	ng/ul	99
22) Chrysene	21.430	228	13998	0.337	ng/ul	99
24) Benzo(b)fluoranthene	23.014	252	11503	0.349	ng/ul	99
25) Benzo(k)fluoranthene	23.064	252	12321	0.354	ng/ul	99
26) Benzo(a)pyrene	23.622	252	10685	0.355	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.132	276	11188	0.311	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.149	278	8654	0.305	ng/ul	97
29) Benzo(g,h,i)perylene	26.863	276	10441	0.326	ng/ul	98

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

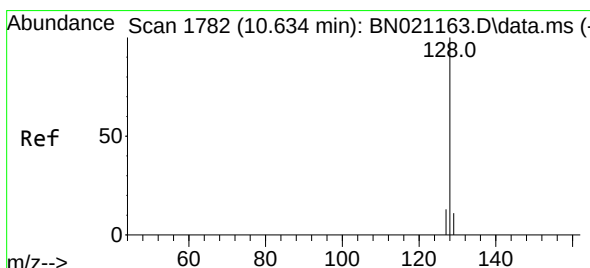
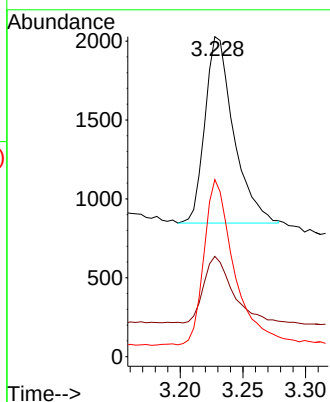
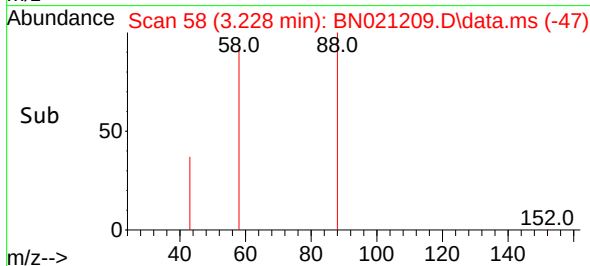


#2
 1,4-Dioxane
 Concen: 0.457 ng/ul
 RT: 3.228 min Scan# 51
 Delta R.T. -0.004 min
 Lab File: BN021209.D
 Acq: 13 Aug 2022 12:43

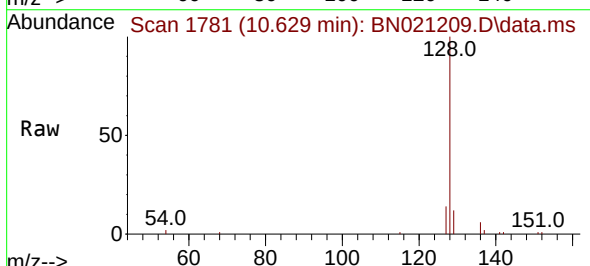
Instrument :
 BNA_N
 ClientSampleId :



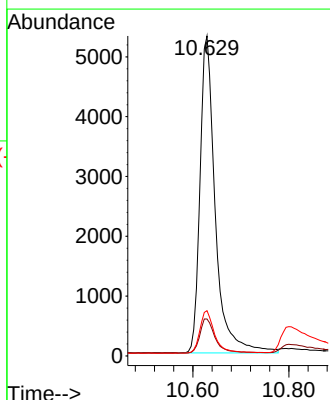
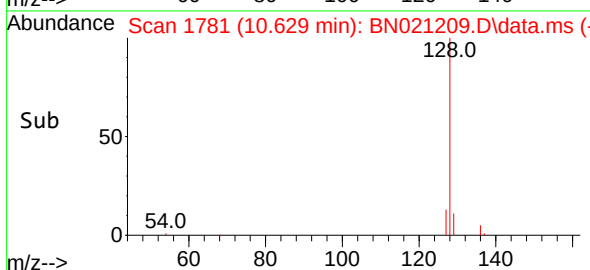
Tgt Ion: 88	Resp: 1885
Ion Ratio	Lower Upper
88	100
43	31.4 31.4 47.0
58	55.3 49.0 73.6

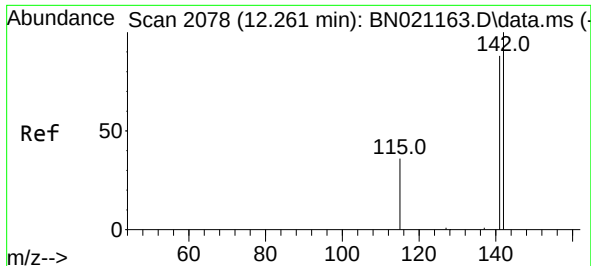


#5
 Naphthalene
 Concen: 0.350 ng/ul
 RT: 10.629 min Scan# 1781
 Delta R.T. 0.000 min
 Lab File: BN021209.D
 Acq: 13 Aug 2022 12:43



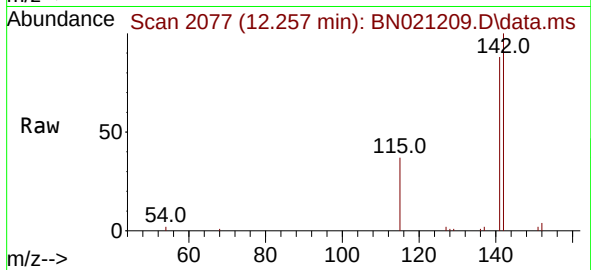
Tgt Ion: 128	Resp: 11729
Ion Ratio	Lower Upper
128	100
129	11.5 9.8 14.6
127	14.2 11.6 17.4



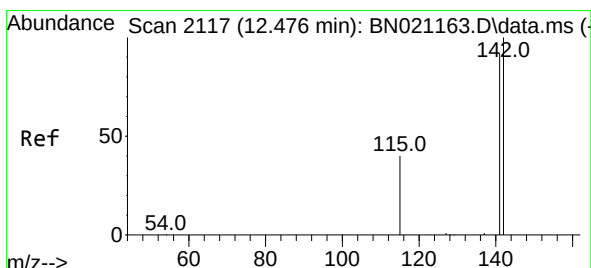
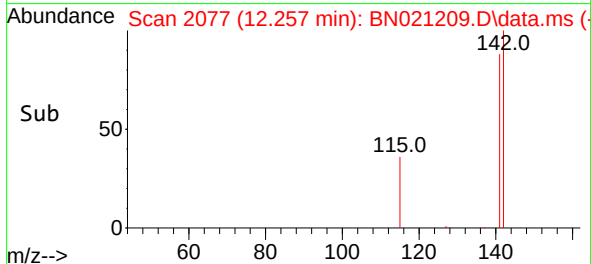
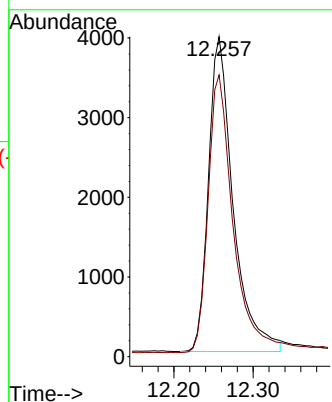


#7
2-Methylnaphthalene
Concen: 0.422 ng/ul
RT: 12.257 min Scan# 2078
Delta R.T. 0.000 min
Lab File: BN021209.D
Acq: 13 Aug 2022 12:43

Instrument :
BNA_N
ClientSampleId :

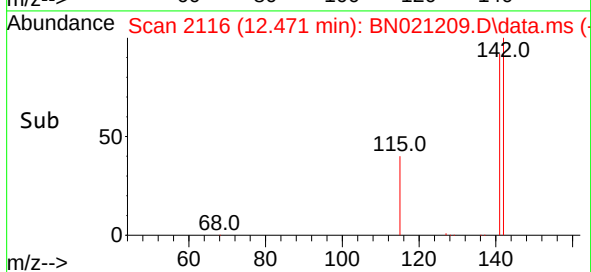
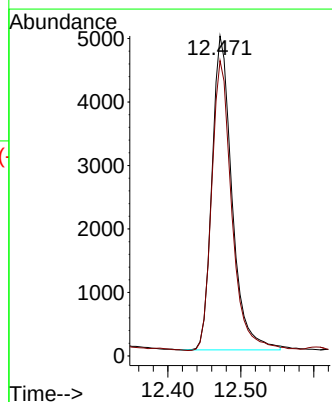
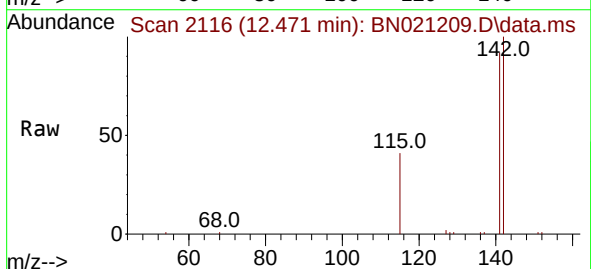


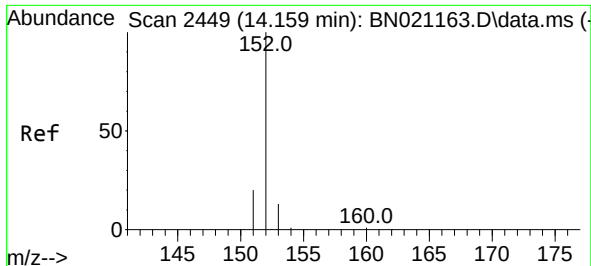
Tgt Ion:142 Resp: 8569
Ion Ratio Lower Upper
142 100
141 89.1 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.466 ng/ul
RT: 12.471 min Scan# 2116
Delta R.T. -0.005 min
Lab File: BN021209.D
Acq: 13 Aug 2022 12:43

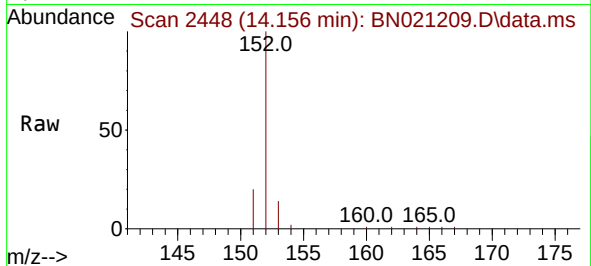
Tgt Ion:142 Resp: 9474
Ion Ratio Lower Upper
142 100
141 92.5 73.9 110.9



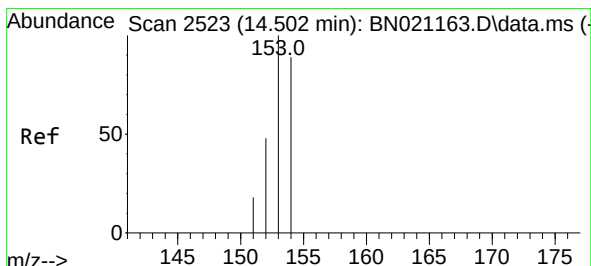
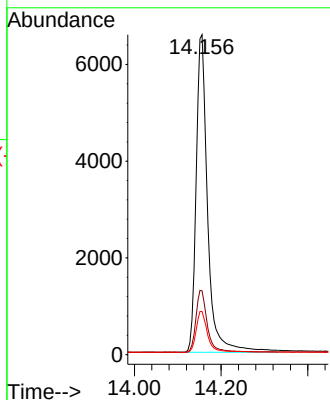


#10
Acenaphthylene
Concen: 0.356 ng/ul
RT: 14.156 min Scan# 2448
Delta R.T. 0.000 min
Lab File: BN021209.D
Acq: 13 Aug 2022 12:43

Instrument :
BNA_N
ClientSampleId :

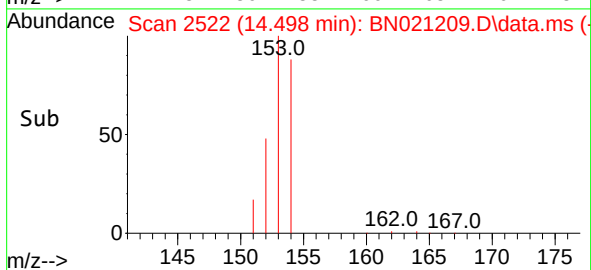
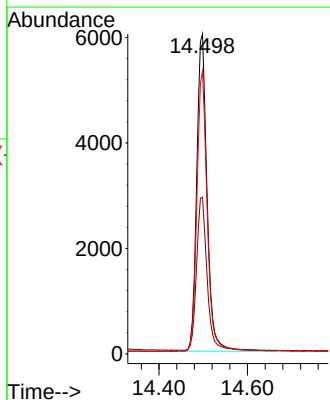
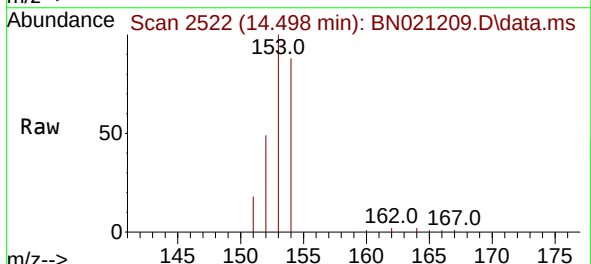


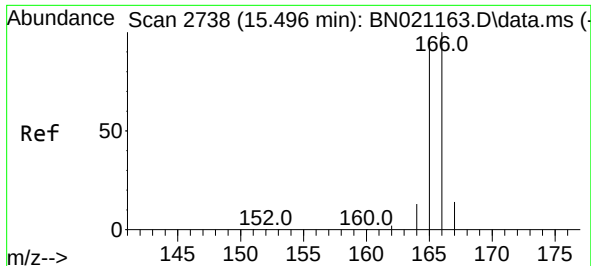
Tgt Ion:152 Resp: 12117
Ion Ratio Lower Upper
152 100
151 20.0 16.9 25.3
153 13.5 11.2 16.8



#11
Acenaphthene
Concen: 0.348 ng/ul
RT: 14.498 min Scan# 2522
Delta R.T. 0.000 min
Lab File: BN021209.D
Acq: 13 Aug 2022 12:43

Tgt Ion:153 Resp: 9816
Ion Ratio Lower Upper
153 100
152 49.0 40.2 60.4
154 88.4 70.7 106.1

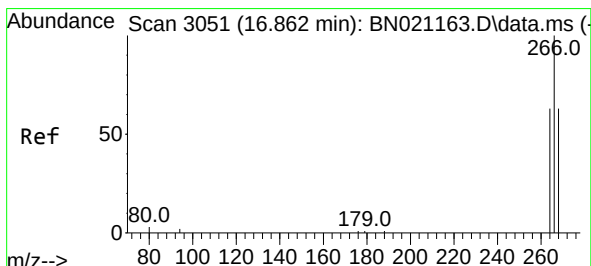
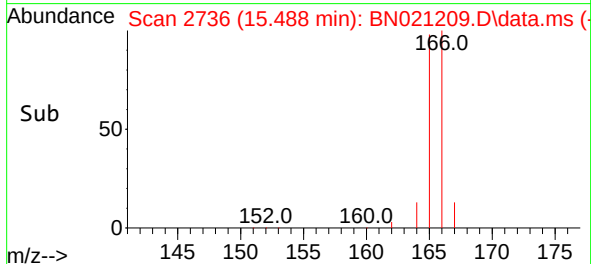
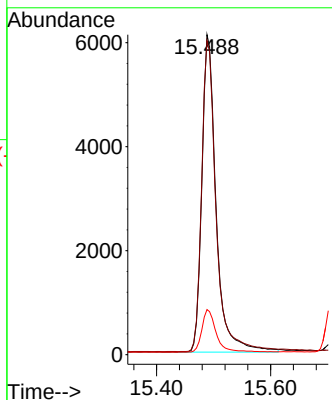
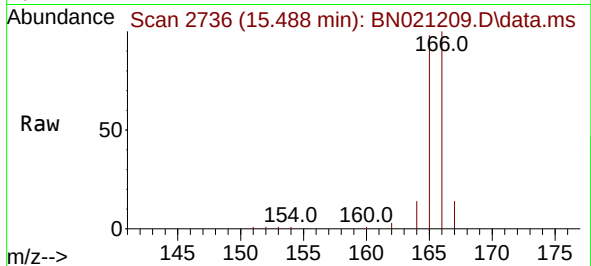




#12
Fluorene
Concen: 0.344 ng/ul
RT: 15.488 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN021209.D
Acq: 13 Aug 2022 12:43

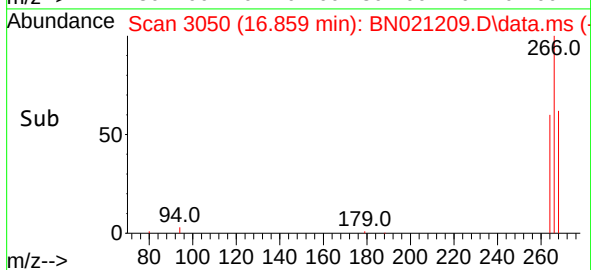
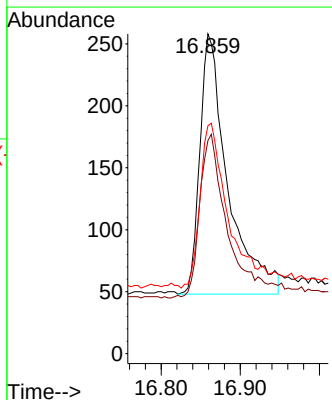
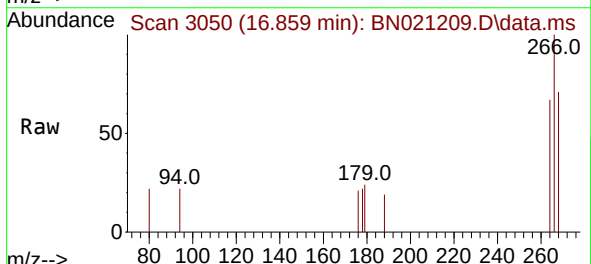
Instrument :
BNA_N
ClientSampleId :

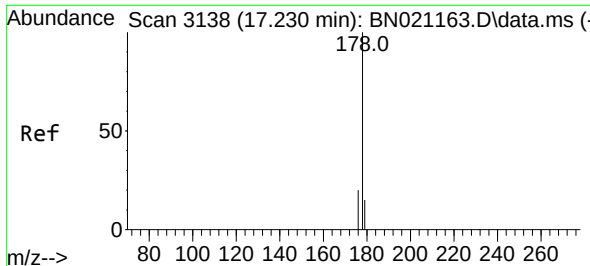
Tgt Ion:166 Resp: 10601
Ion Ratio Lower Upper
166 100
165 98.2 78.6 117.8
167 14.1 11.8 17.6



#14
Pentachlorophenol
Concen: 0.243 ng/ul
RT: 16.859 min Scan# 3050
Delta R.T. -0.004 min
Lab File: BN021209.D
Acq: 13 Aug 2022 12:43

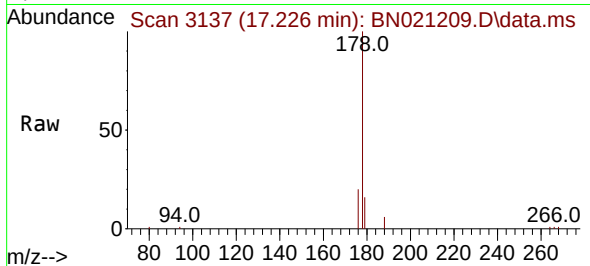
Tgt Ion:266 Resp: 513
Ion Ratio Lower Upper
266 100
264 63.0 49.8 74.8
268 65.7 50.6 75.8



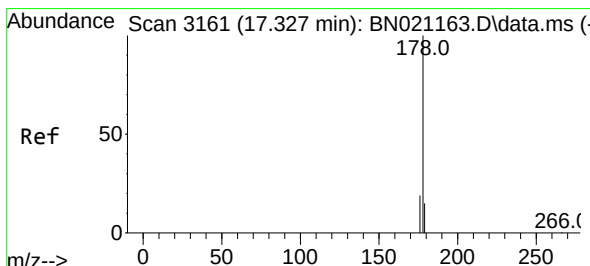
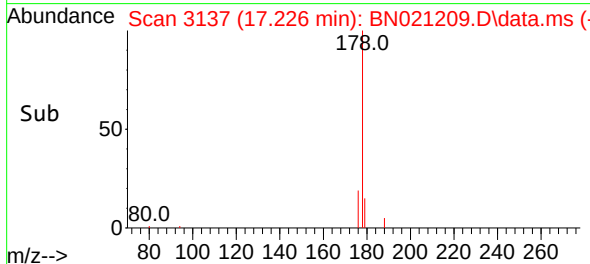
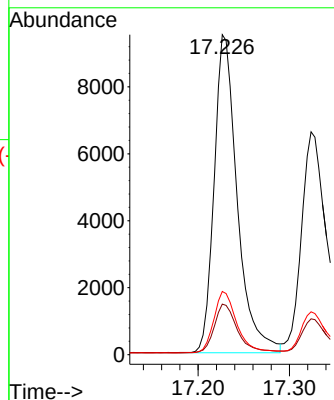


#15
Phenanthrene
Concen: 0.341 ng/ul
RT: 17.226 min Scan# 3138
Delta R.T. -0.004 min
Lab File: BN021209.D
Acq: 13 Aug 2022 12:43

Instrument :
BNA_N
ClientSampleId :

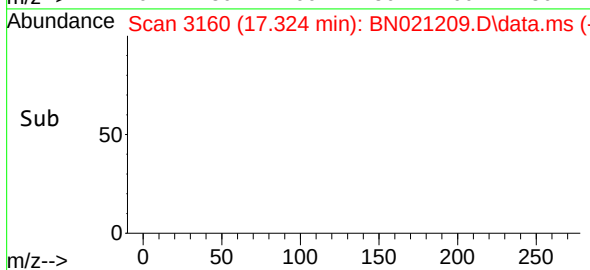
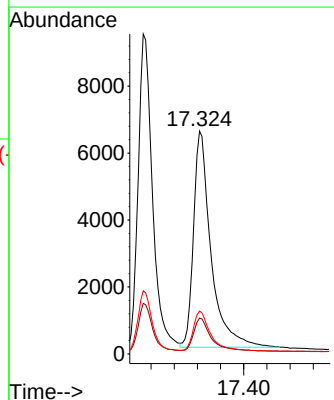
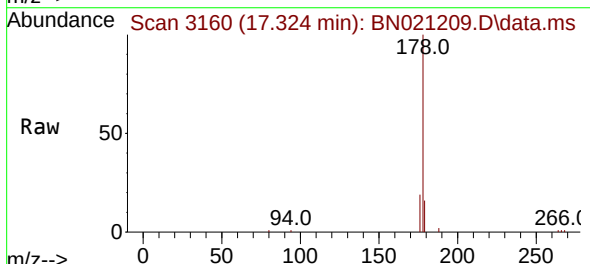


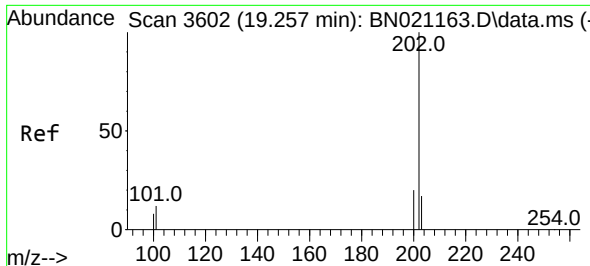
Tgt Ion:178 Resp: 16678
Ion Ratio Lower Upper
178 100
179 15.8 12.8 19.2
176 19.7 15.9 23.9



#16
Anthracene
Concen: 0.358 ng/ul
RT: 17.324 min Scan# 3160
Delta R.T. -0.004 min
Lab File: BN021209.D
Acq: 13 Aug 2022 12:43

Tgt Ion:178 Resp: 13562
Ion Ratio Lower Upper
178 100
179 16.1 12.9 19.3
176 19.2 15.9 23.9

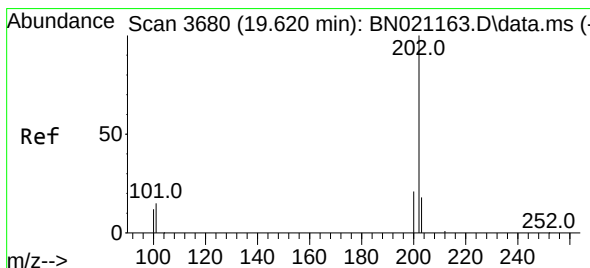
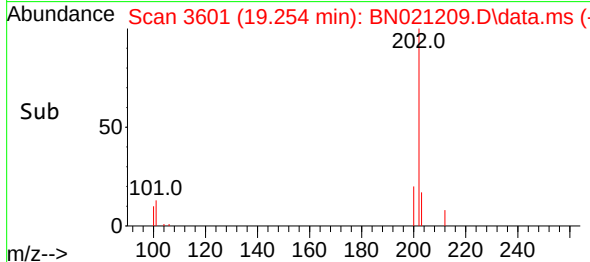
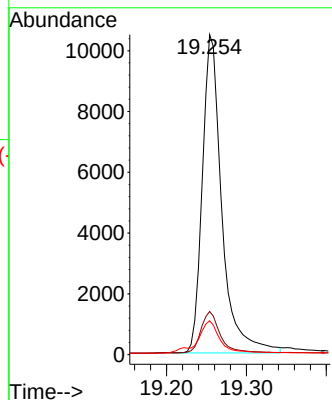
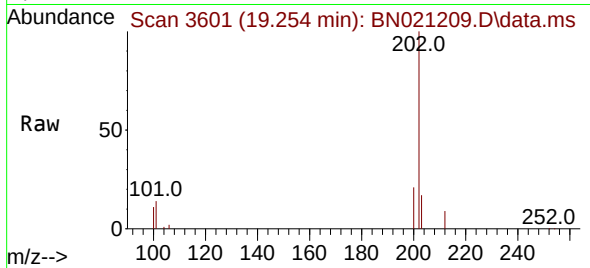




#19
Fluoranthene
Concen: 0.416 ng/ul
RT: 19.254 min Scan# 3601
Delta R.T. -0.005 min
Lab File: BN021209.D
Acq: 13 Aug 2022 12:43

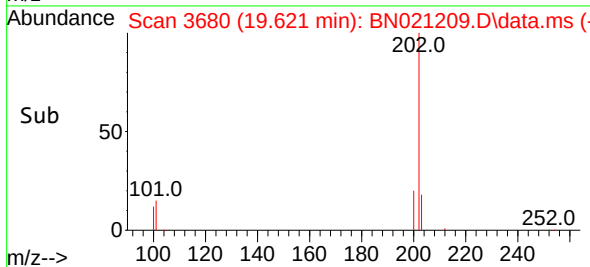
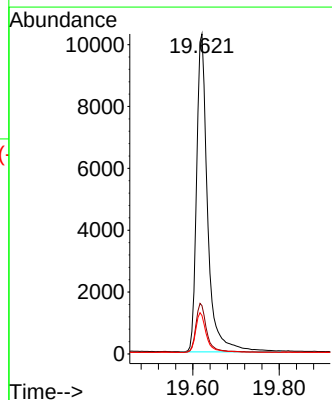
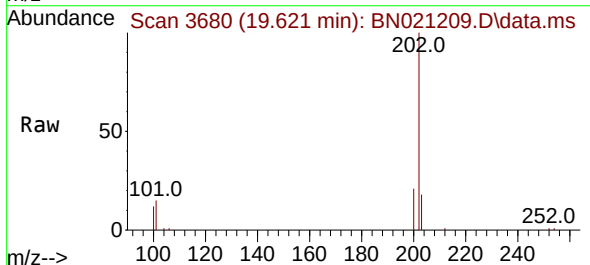
Instrument :
BNA_N
ClientSampleId :

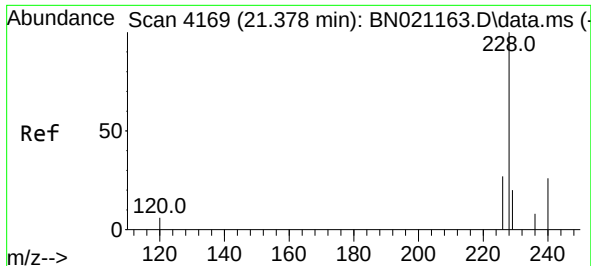
Tgt Ion:202 Resp: 17820
Ion Ratio Lower Upper
202 100
101 13.5 10.0 15.0
100 10.6 8.0 12.0



#20
Pyrene
Concen: 0.414 ng/ul
RT: 19.621 min Scan# 3680
Delta R.T. 0.000 min
Lab File: BN021209.D
Acq: 13 Aug 2022 12:43

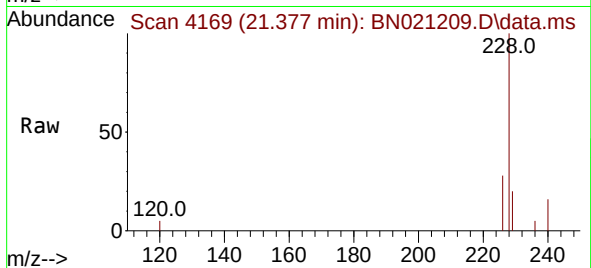
Tgt Ion:202 Resp: 18281
Ion Ratio Lower Upper
202 100
101 15.1 11.3 16.9
100 12.0 9.0 13.4



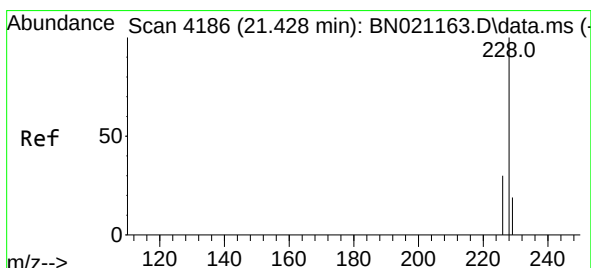
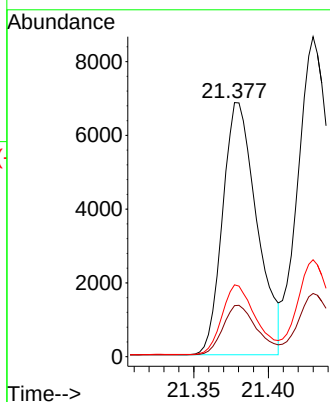
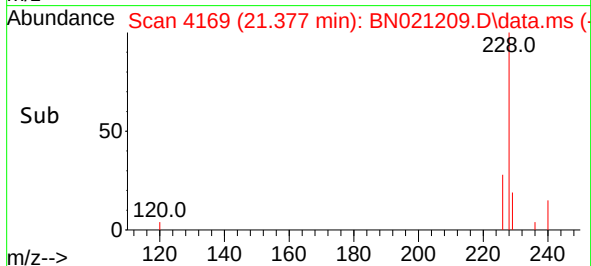


#21
Benzo(a)anthracene
Concen: 0.348 ng/ul
RT: 21.377 min Scan# 4169
Delta R.T. -0.003 min
Lab File: BN021209.D
Acq: 13 Aug 2022 12:43

Instrument :
BNA_N
ClientSampleId :

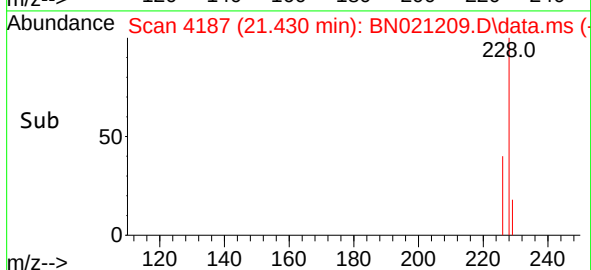
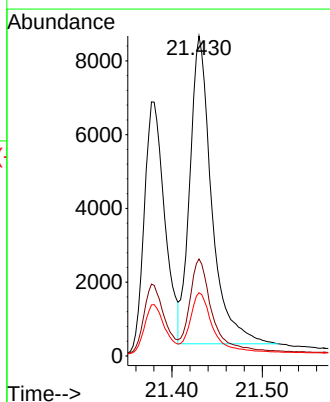
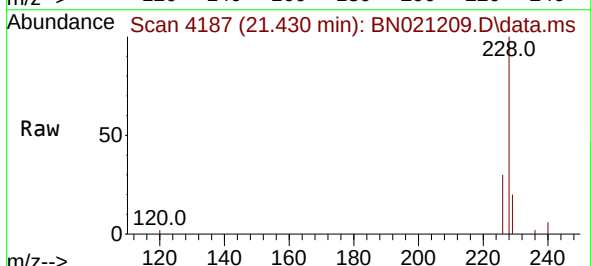


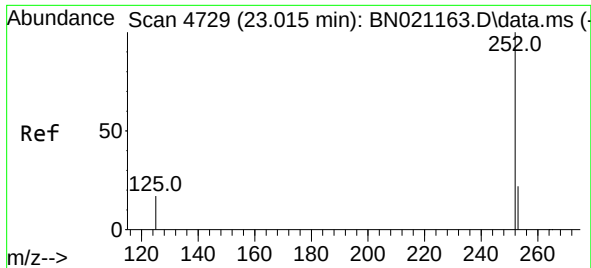
Tgt Ion:228 Resp: 10965
Ion Ratio Lower Upper
228 100
229 20.1 16.0 24.0
226 28.3 21.9 32.9



#22
Chrysene
Concen: 0.337 ng/ul
RT: 21.430 min Scan# 4187
Delta R.T. 0.000 min
Lab File: BN021209.D
Acq: 13 Aug 2022 12:43

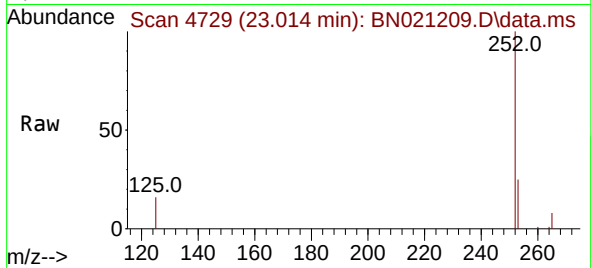
Tgt Ion:228 Resp: 13998
Ion Ratio Lower Upper
228 100
226 30.3 24.6 37.0
229 19.8 15.8 23.8



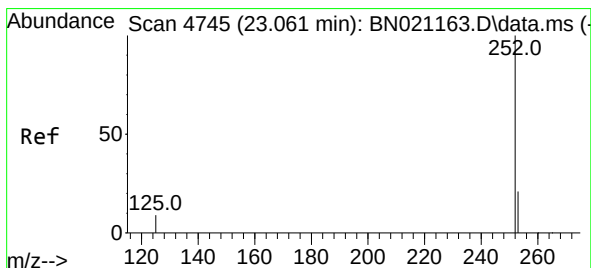
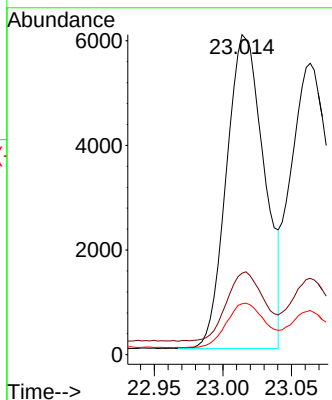


#24
Benzo(b)fluoranthene
Concen: 0.349 ng/ul
RT: 23.014 min Scan# 4729
Delta R.T. -0.003 min
Lab File: BN021209.D
Acq: 13 Aug 2022 12:43

Instrument :
BNA_N
ClientSampleId :

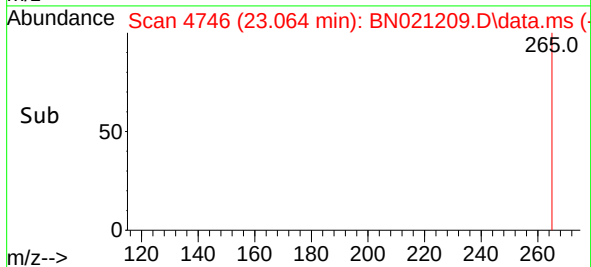
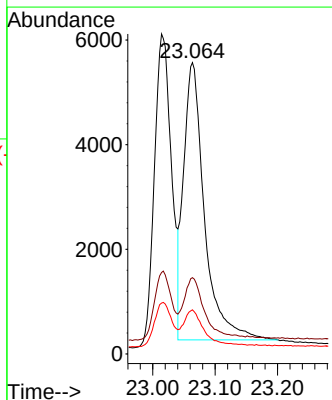
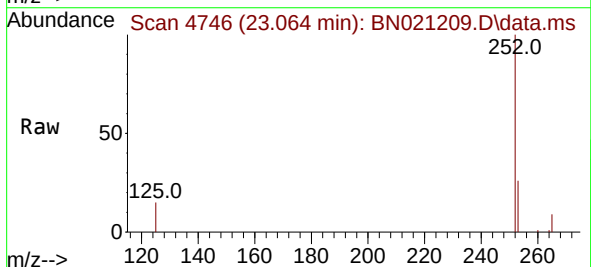


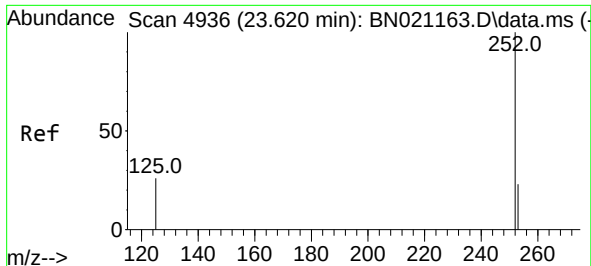
Tgt Ion:252 Resp: 11503
Ion Ratio Lower Upper
252 100
253 25.5 0.0 50.8
125 15.9 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.354 ng/ul
RT: 23.064 min Scan# 4746
Delta R.T. 0.000 min
Lab File: BN021209.D
Acq: 13 Aug 2022 12:43

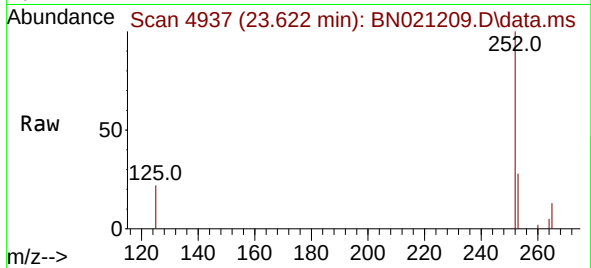
Tgt Ion:252 Resp: 12321
Ion Ratio Lower Upper
252 100
253 26.2 20.6 31.0
125 15.1 11.8 17.6



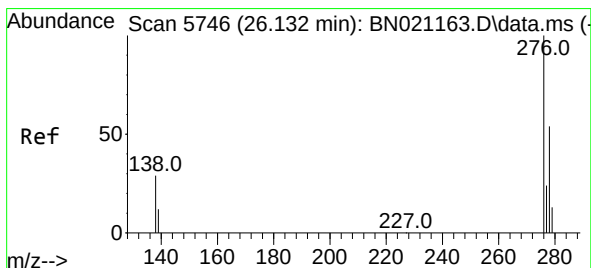
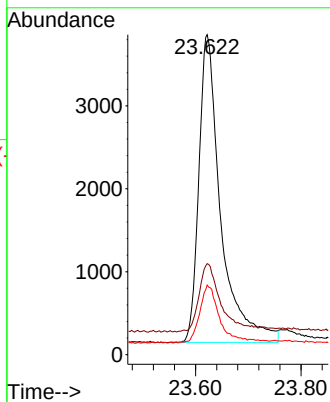
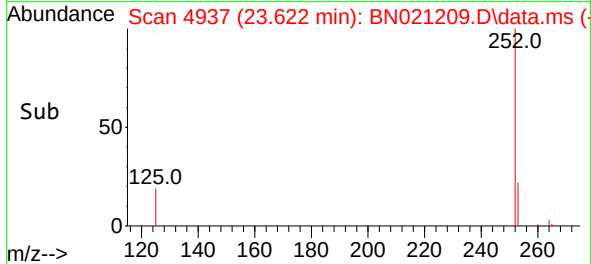


#26
Benzo(a)pyrene
Concen: 0.355 ng/ul
RT: 23.622 min Scan# 4937
Delta R.T. 0.000 min
Lab File: BN021209.D
Acq: 13 Aug 2022 12:43

Instrument :
BNA_N
ClientSampleId :

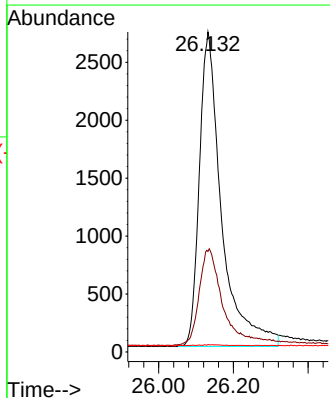
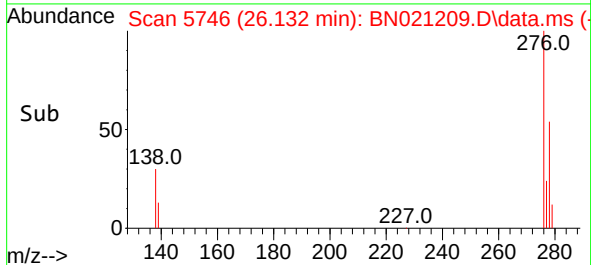
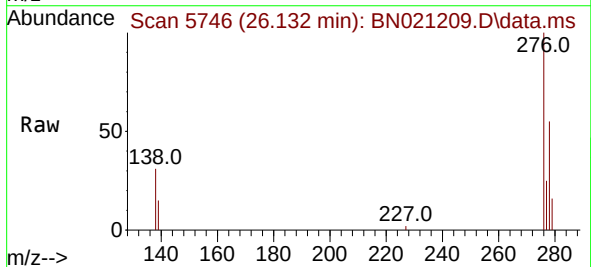


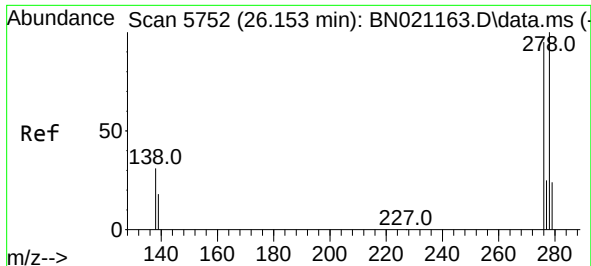
Tgt Ion:252 Resp: 10685
Ion Ratio Lower Upper
252 100
253 28.5 22.1 33.1
125 21.7 14.7 22.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.311 ng/ul
RT: 26.132 min Scan# 5746
Delta R.T. -0.003 min
Lab File: BN021209.D
Acq: 13 Aug 2022 12:43

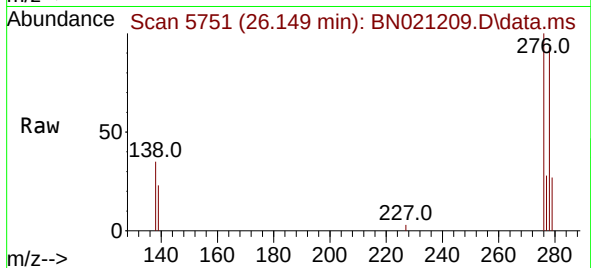
Tgt Ion:276 Resp: 11188
Ion Ratio Lower Upper
276 100
138 33.5 26.1 39.1
227 0.2 0.1 0.1#



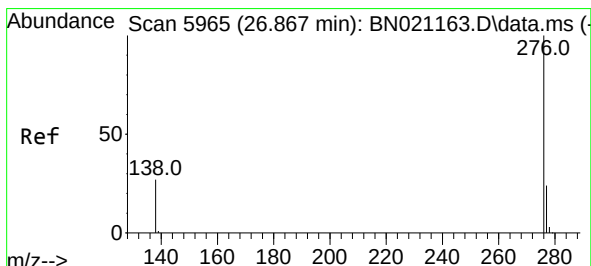
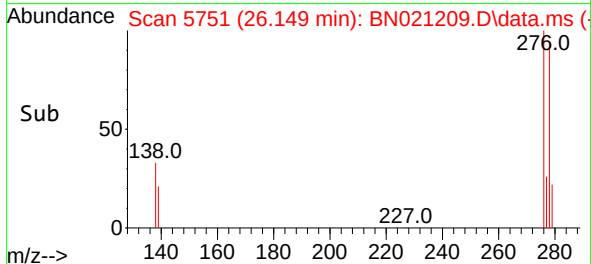
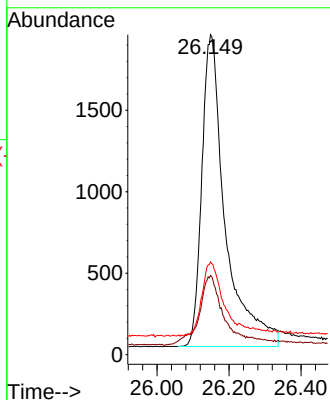


#28
Dibenzo(a,h)anthracene
Concen: 0.305 ng/ul
RT: 26.149 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN021209.D
Acq: 13 Aug 2022 12:43

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:278 Resp: 8654
Ion Ratio Lower Upper
278 100
139 24.7 18.3 27.5
279 29.0 23.9 35.9



#29
Benzo(g,h,i)perylene
Concen: 0.326 ng/ul
RT: 26.863 min Scan# 5964
Delta R.T. -0.007 min
Lab File: BN021209.D
Acq: 13 Aug 2022 12:43

Tgt Ion:276 Resp: 10441
Ion Ratio Lower Upper
276 100
138 30.5 22.6 34.0
277 25.4 20.2 30.2

