

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072222\
 Data File : BN020813.D
 Acq On : 22 Jul 2022 10:36
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

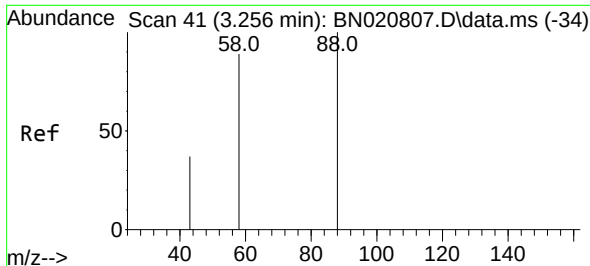
Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 22 23:35:19 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 01:02:30 2022
 Response via : Initial Calibration

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

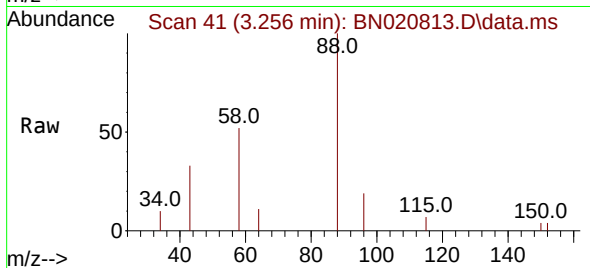
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.817	152	3080	0.400	ng/ul	0.00
4) Naphthalene-d8	10.610	136	10418	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.468	164	6334	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.220	188	12920	0.400	ng/ul	0.00
17) Chrysene-d12	21.426	240	12165	0.400	ng/ul	0.00
23) Perylene-d12	23.770	264	10753	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.226	96	1191	0.334	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.216	152	6050	0.354	ng/ul	0.00
18) Fluoranthene-d10	19.256	212	13791	0.344	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.256	88	1134	0.311	ng/ul	90
5) Naphthalene	10.660	128	12807	0.398	ng/ul	100
7) 2-Methylnaphthalene	12.288	142	8198	0.381	ng/ul	100
8) 1-Methylnaphthalene	12.508	142	7413	0.363	ng/ul	99
10) Acenaphthylene	14.186	152	12538	0.418	ng/ul	100
11) Acenaphthene	14.528	153	9713	0.404	ng/ul	99
12) Fluorene	15.523	166	10908	0.383	ng/ul	100
14) Pentachlorophenol	16.886	266	895	0.344	ng/ul	98
15) Phenanthrene	17.262	178	18187	0.405	ng/ul	100
16) Anthracene	17.355	178	15405	0.397	ng/ul	100
19) Fluoranthene	19.288	202	20818	0.375	ng/ul	98
20) Pyrene	19.651	202	21363	0.371	ng/ul	99
21) Benzo(a)anthracene	21.408	228	16302	0.373	ng/ul	99
22) Chrysene	21.461	228	19398	0.399	ng/ul	99
24) Benzo(b)fluoranthene	23.057	252	18737	0.377	ng/ul	97
25) Benzo(k)fluoranthene	23.104	252	19230	0.383	ng/ul	98
26) Benzo(a)pyrene	23.668	252	17119	0.379	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.201	276	18265	0.406	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.218	278	13948	0.384	ng/ul	99
29) Benzo(g,h,i)perylene	26.942	276	16717	0.433	ng/ul	98

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



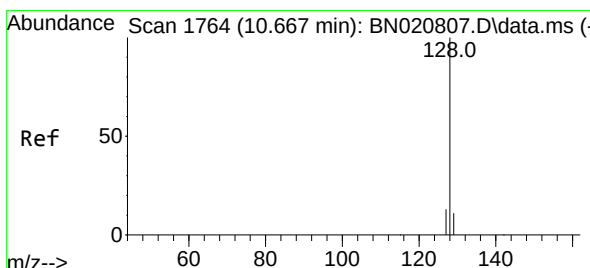
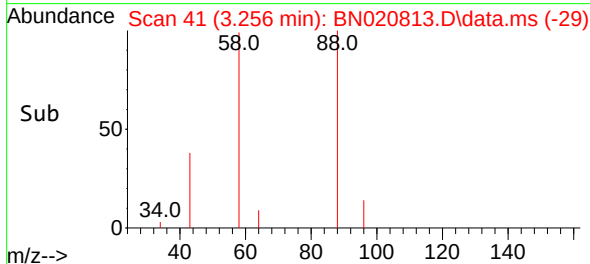
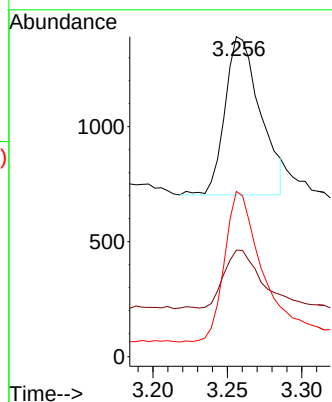
#2
 1,4-Dioxane
 Concen: 0.311 ng/ul
 RT: 3.256 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: BN020813.D
 Acq: 22 Jul 2022 10:36

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion: 88 Resp: 1134

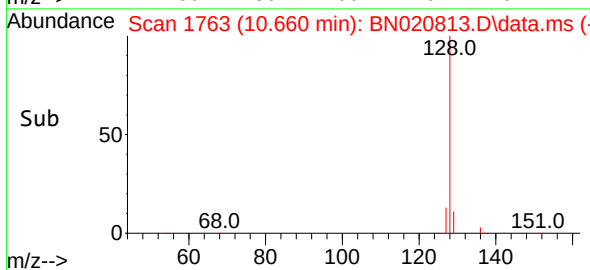
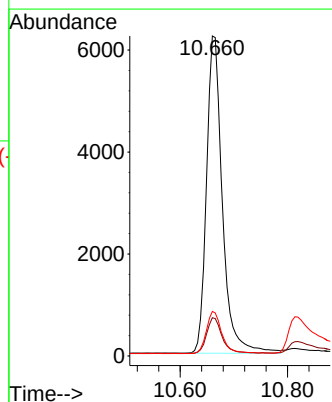
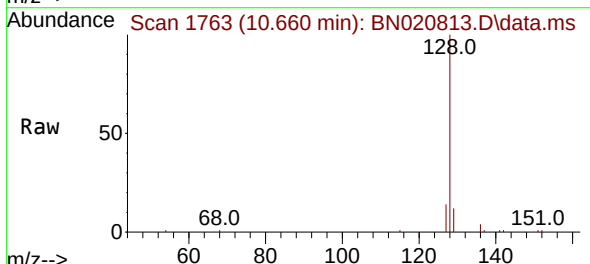
Ion	Ratio	Lower	Upper
88	100		
43	33.3	32.5	48.7
58	51.6	46.2	69.2

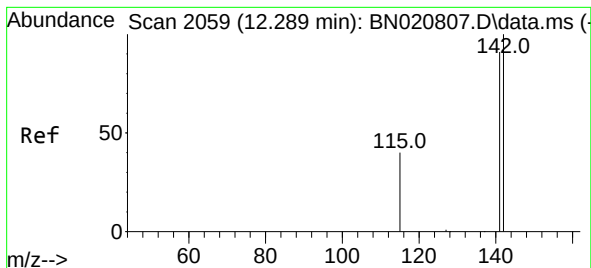


#5
 Naphthalene
 Concen: 0.398 ng/ul
 RT: 10.660 min Scan# 1763
 Delta R.T. -0.007 min
 Lab File: BN020813.D
 Acq: 22 Jul 2022 10:36

Tgt Ion: 128 Resp: 12807

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.5	14.3
127	13.9	11.3	16.9

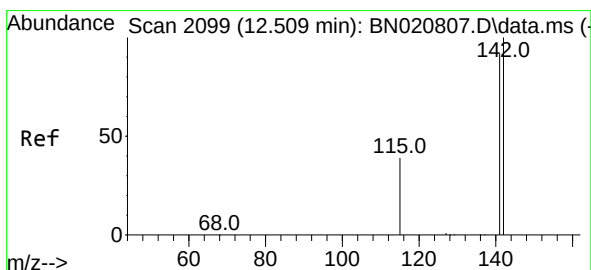
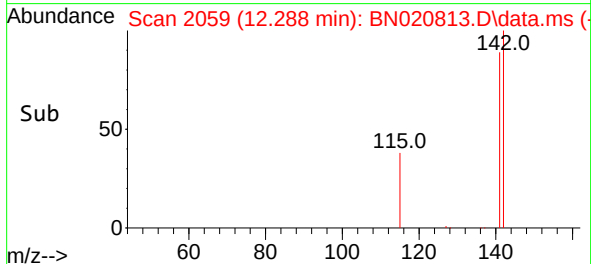
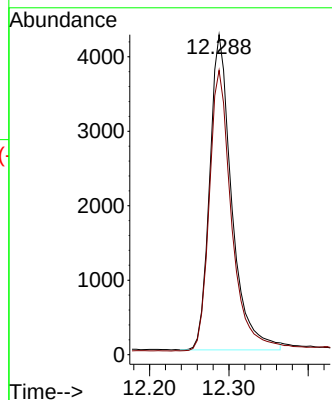
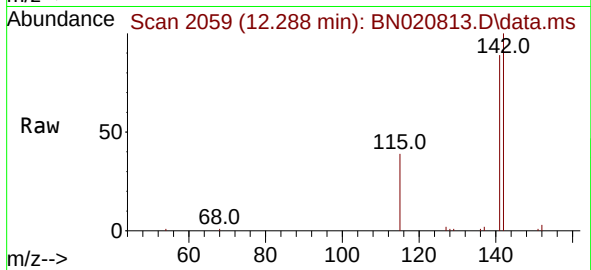




#7
2-Methylnaphthalene
Concen: 0.381 ng/ul
RT: 12.288 min Scan# 2059
Delta R.T. -0.007 min
Lab File: BN020813.D
Acq: 22 Jul 2022 10:36

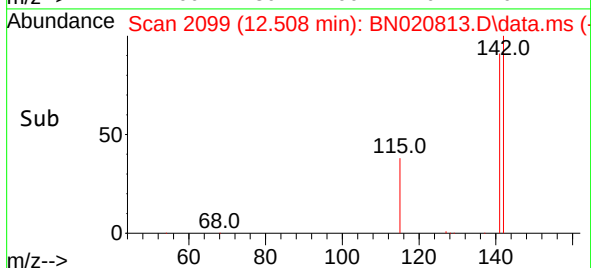
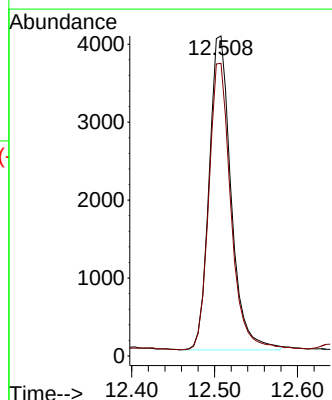
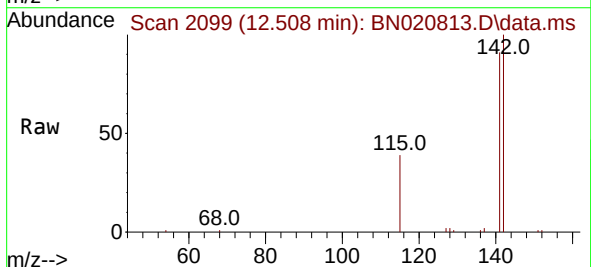
Instrument :
BNA_N
ClientSampleId :

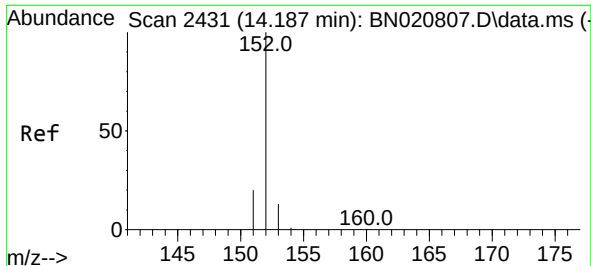
Tgt Ion:142 Resp: 8198
Ion Ratio Lower Upper
142 100
141 90.0 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.363 ng/ul
RT: 12.508 min Scan# 2099
Delta R.T. -0.001 min
Lab File: BN020813.D
Acq: 22 Jul 2022 10:36

Tgt Ion:142 Resp: 7413
Ion Ratio Lower Upper
142 100
141 91.3 73.7 110.5

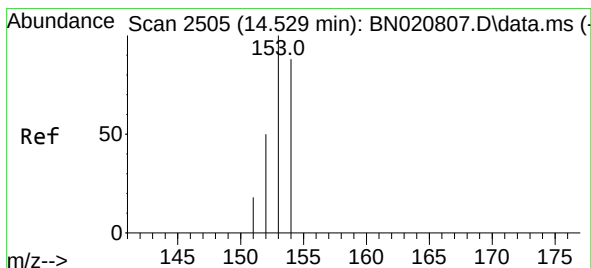
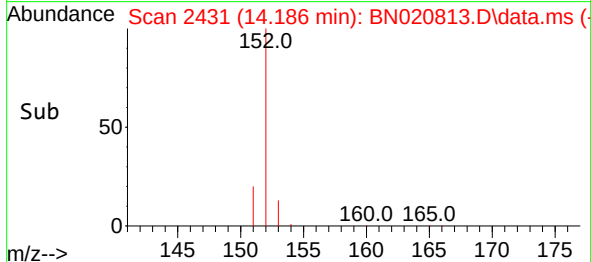
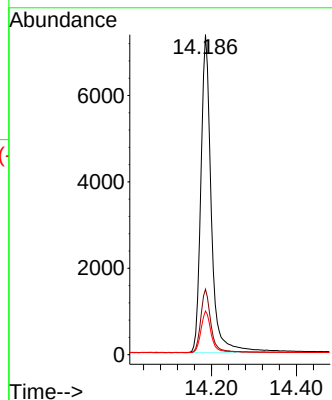
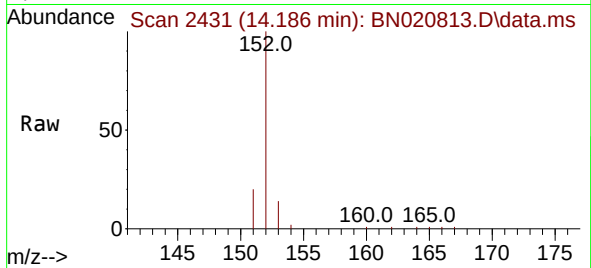




#10
Acenaphthylene
Concen: 0.418 ng/ul
RT: 14.186 min Scan# 2431
Delta R.T. -0.002 min
Lab File: BN020813.D
Acq: 22 Jul 2022 10:36

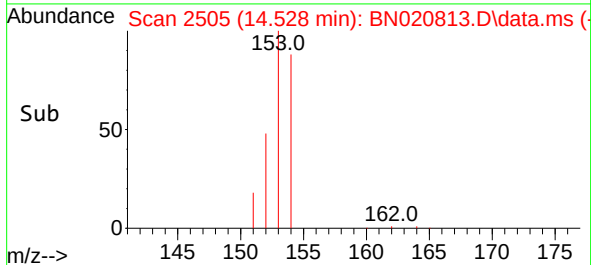
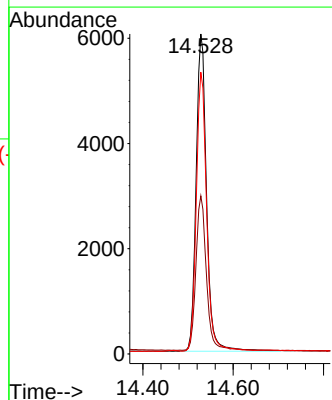
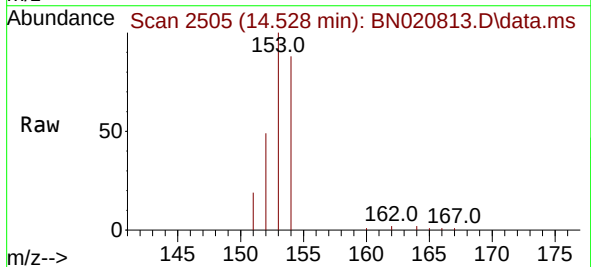
Instrument :
BNA_N
ClientSampleId :

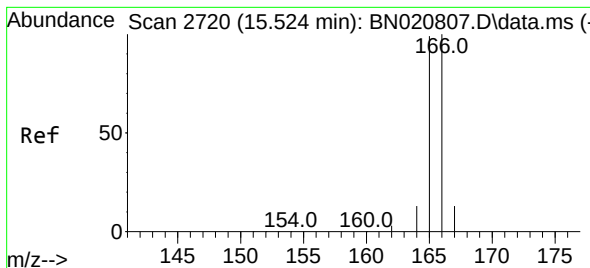
Tgt Ion:152 Resp: 12538
Ion Ratio Lower Upper
152 100
151 20.5 16.5 24.7
153 13.6 11.1 16.7



#11
Acenaphthene
Concen: 0.404 ng/ul
RT: 14.528 min Scan# 2505
Delta R.T. -0.002 min
Lab File: BN020813.D
Acq: 22 Jul 2022 10:36

Tgt Ion:153 Resp: 9713
Ion Ratio Lower Upper
153 100
152 49.4 40.0 60.0
154 88.1 70.0 105.0





#12

Fluorene

Concen: 0.383 ng/ul

RT: 15.523 min Scan# 21

Delta R.T. -0.002 min

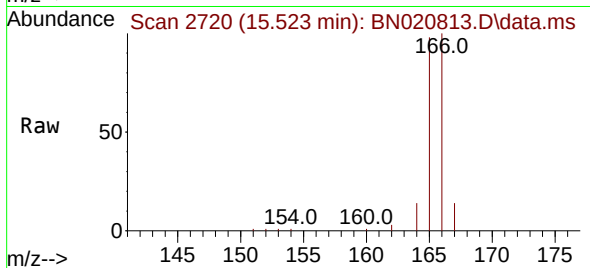
Lab File: BN020813.D

Acq: 22 Jul 2022 10:36

Instrument :

BNA_N

ClientSampleId :



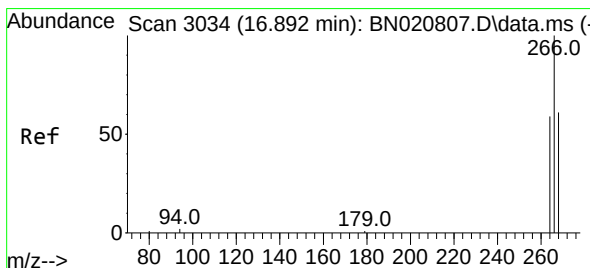
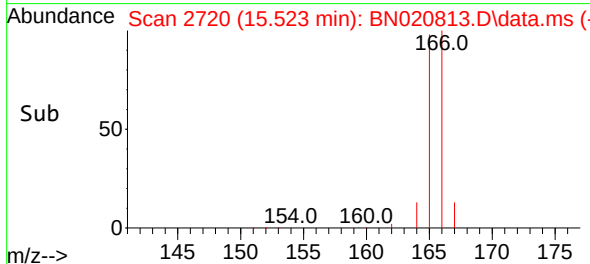
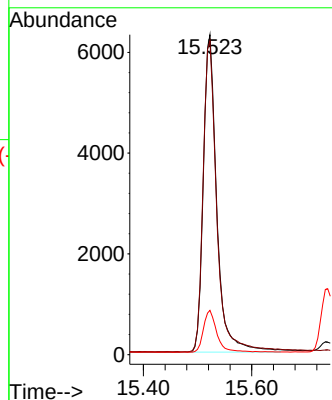
Tgt Ion:166 Resp: 10908

Ion Ratio Lower Upper

166 100

165 98.1 78.2 117.2

167 13.9 11.3 16.9



#14

Pentachlorophenol

Concen: 0.344 ng/ul

RT: 16.886 min Scan# 3033

Delta R.T. -0.006 min

Lab File: BN020813.D

Acq: 22 Jul 2022 10:36

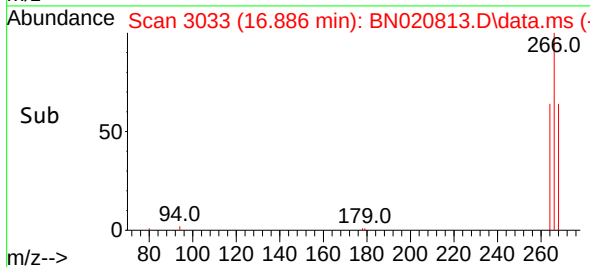
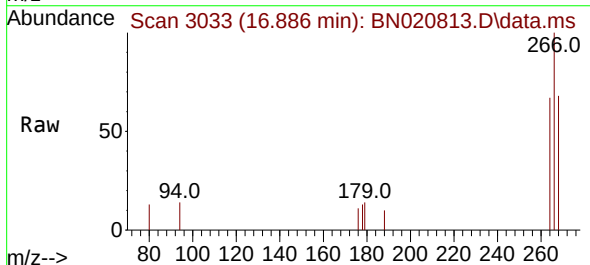
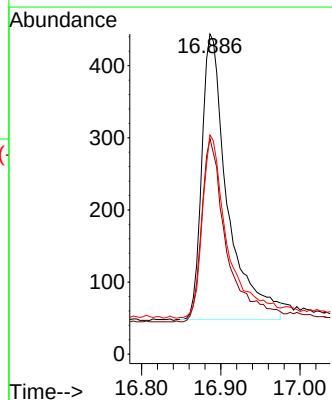
Tgt Ion:266 Resp: 895

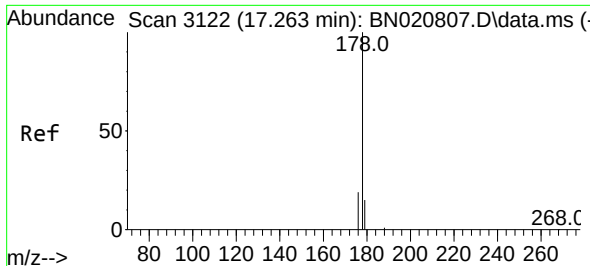
Ion Ratio Lower Upper

266 100

264 62.9 51.6 77.4

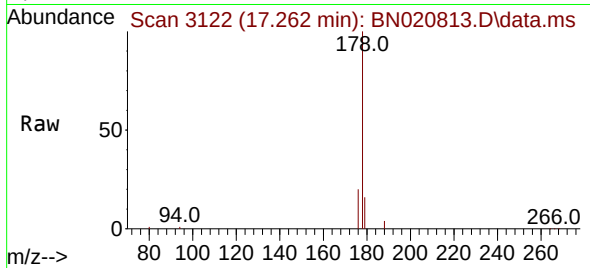
268 63.5 51.5 77.3



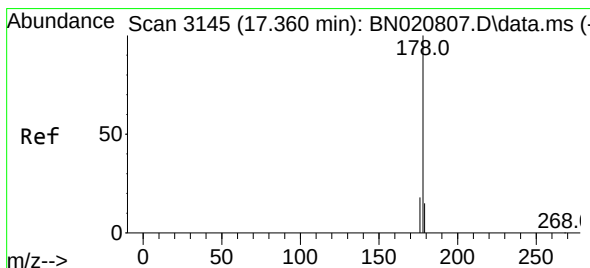
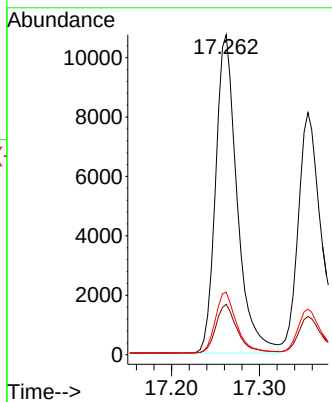
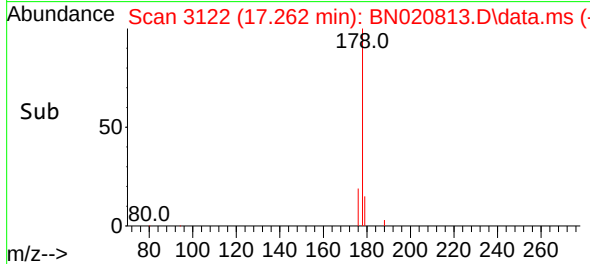


#15
 Phenanthrene
 Concen: 0.405 ng/ul
 RT: 17.262 min Scan# 3122
 Delta R.T. -0.002 min
 Lab File: BN020813.D
 Acq: 22 Jul 2022 10:36

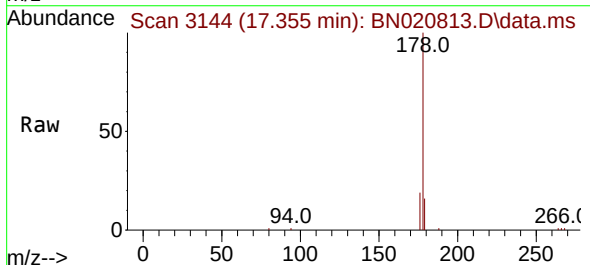
Instrument :
 BNA_N
 ClientSampleId :



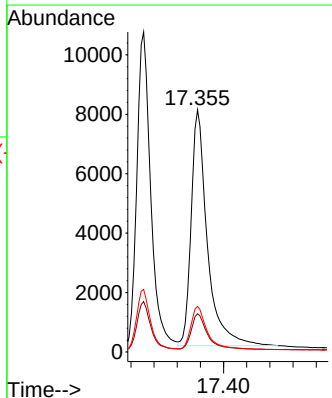
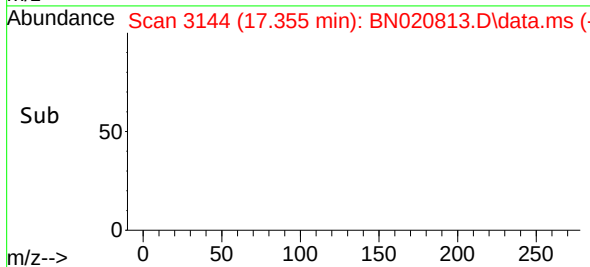
Tgt Ion:178 Resp: 18187
 Ion Ratio Lower Upper
 178 100
 179 15.8 12.6 18.8
 176 19.6 15.8 23.6

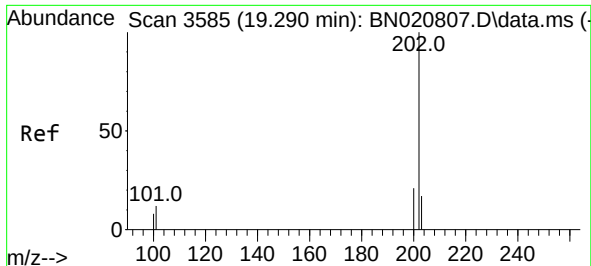


#16
 Anthracene
 Concen: 0.397 ng/ul
 RT: 17.355 min Scan# 3144
 Delta R.T. -0.006 min
 Lab File: BN020813.D
 Acq: 22 Jul 2022 10:36



Tgt Ion:178 Resp: 15405
 Ion Ratio Lower Upper
 178 100
 179 15.8 12.8 19.2
 176 18.8 15.2 22.8

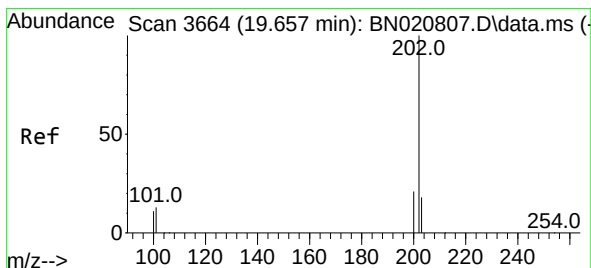
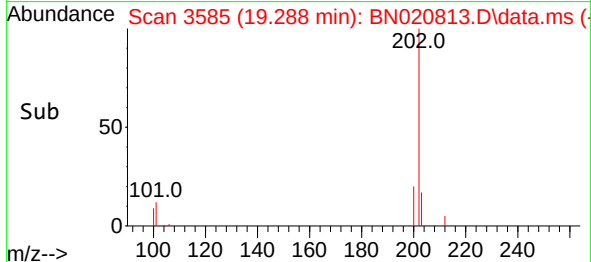
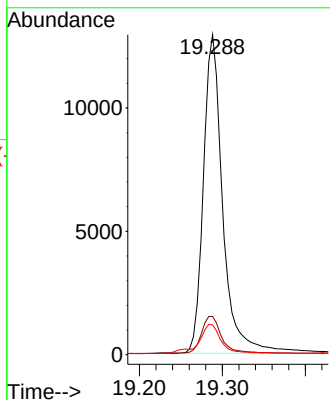
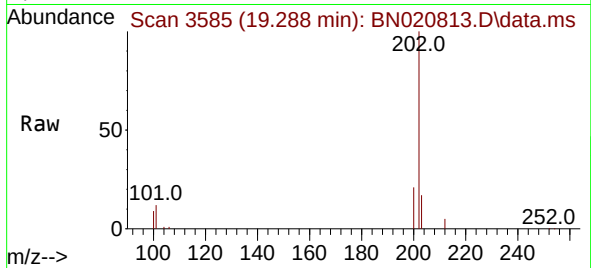




#19
Fluoranthene
Concen: 0.375 ng/ul
RT: 19.288 min Scan# 3585
Delta R.T. -0.003 min
Lab File: BN020813.D
Acq: 22 Jul 2022 10:36

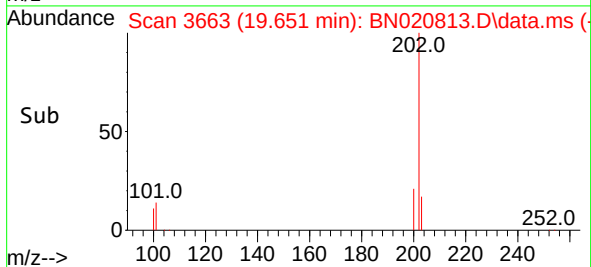
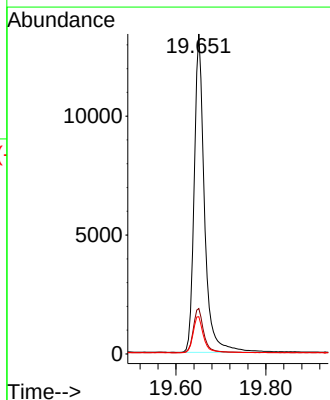
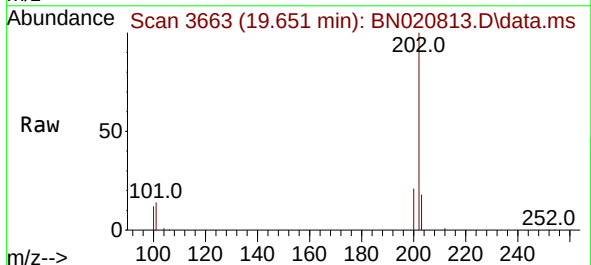
Instrument :
BNA_N
ClientSampleId :

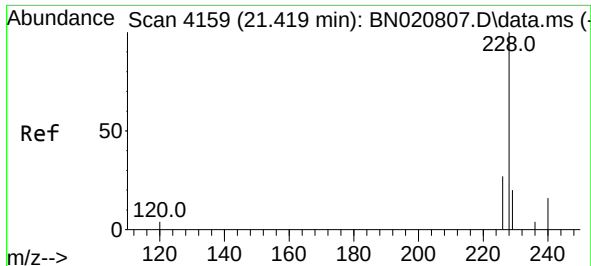
Tgt Ion:	202	Resp:	20818
Ion Ratio	Lower	Upper	
202	100		
101	11.9	10.3	15.5
100	9.3	7.8	11.6



#20
Pyrene
Concen: 0.371 ng/ul
RT: 19.651 min Scan# 3663
Delta R.T. -0.003 min
Lab File: BN020813.D
Acq: 22 Jul 2022 10:36

Tgt Ion:	202	Resp:	21363
Ion Ratio	Lower	Upper	
202	100		
101	14.2	11.6	17.4
100	11.7	9.2	13.8

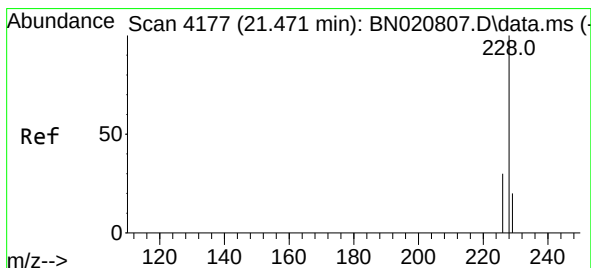
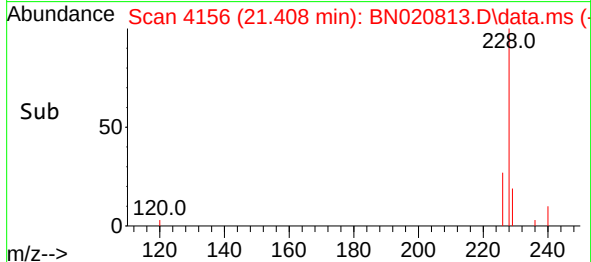
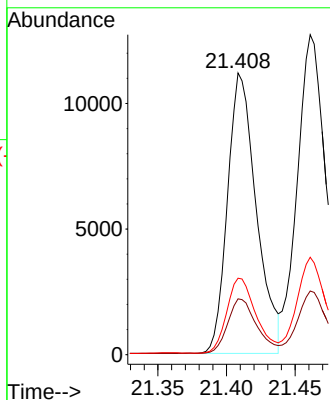
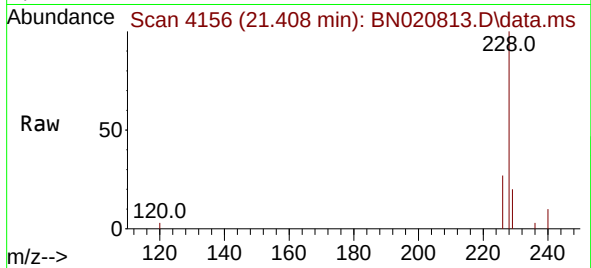




#21
Benzo(a)anthracene
Concen: 0.373 ng/ul
RT: 21.408 min Scan# 4159
Delta R.T. -0.007 min
Lab File: BN020813.D
Acq: 22 Jul 2022 10:36

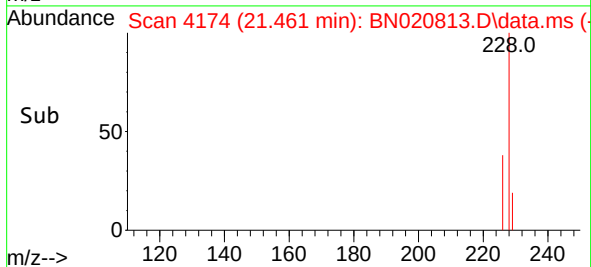
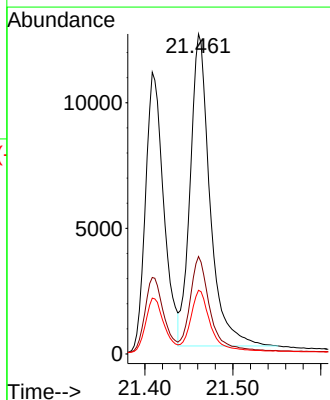
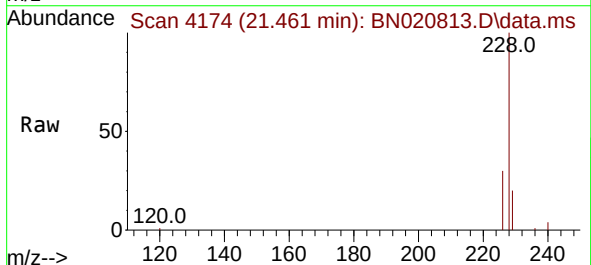
Instrument :
BNA_N
ClientSampleId :

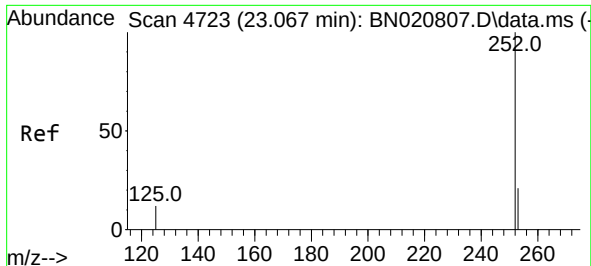
Tgt Ion:228 Resp: 16302
Ion Ratio Lower Upper
228 100
229 19.8 15.9 23.9
226 27.2 22.2 33.2



#22
Chrysene
Concen: 0.399 ng/ul
RT: 21.461 min Scan# 4174
Delta R.T. -0.007 min
Lab File: BN020813.D
Acq: 22 Jul 2022 10:36

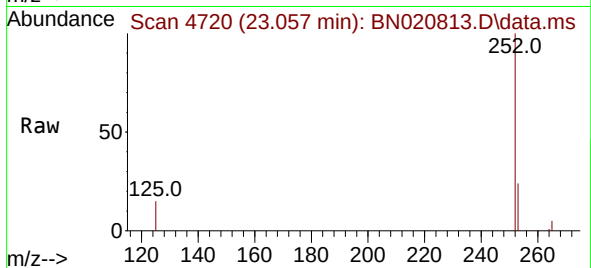
Tgt Ion:228 Resp: 19398
Ion Ratio Lower Upper
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226 30.5 23.9 35.9
229 19.9 15.8 23.8



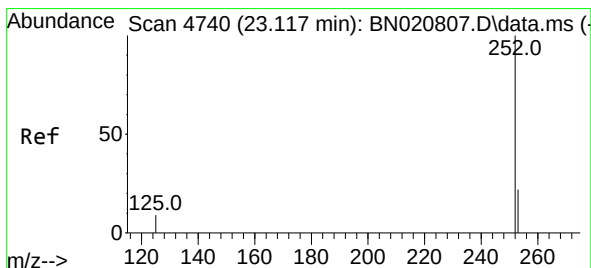
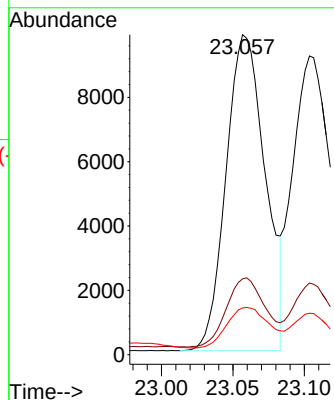


#24
Benzo(b)fluoranthene
Concen: 0.377 ng/ul
RT: 23.057 min Scan# 4720
Delta R.T. -0.007 min
Lab File: BN020813.D
Acq: 22 Jul 2022 10:36

Instrument :
BNA_N
ClientSampleId :

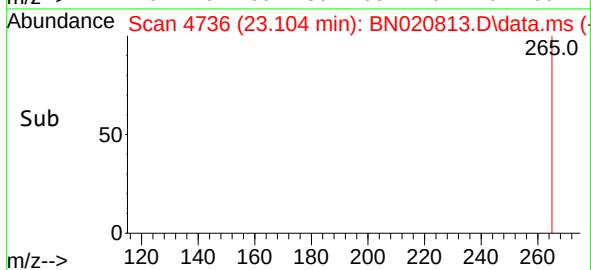
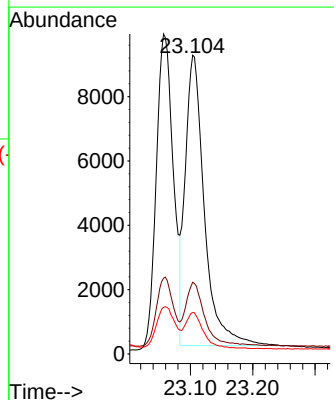
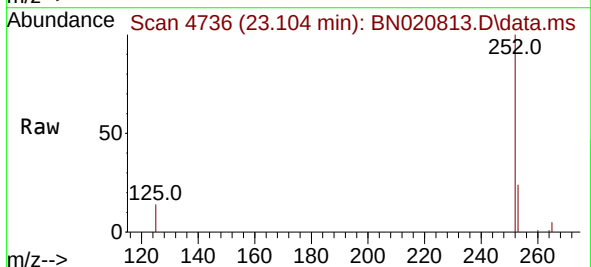


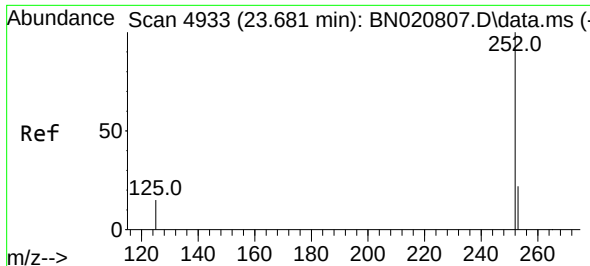
Tgt Ion:252 Resp: 18737
Ion Ratio Lower Upper
252 100
253 23.7 0.0 48.6
125 14.6 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.383 ng/ul
RT: 23.104 min Scan# 4736
Delta R.T. -0.010 min
Lab File: BN020813.D
Acq: 22 Jul 2022 10:36

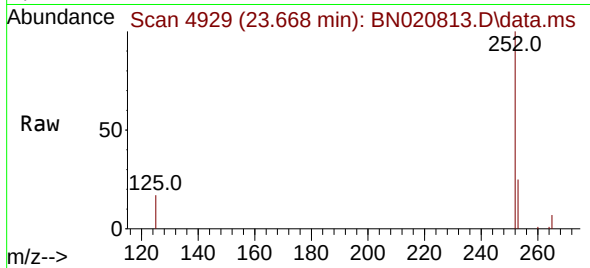
Tgt Ion:252 Resp: 19230
Ion Ratio Lower Upper
252 100
253 24.0 19.7 29.5
125 13.9 12.0 18.0



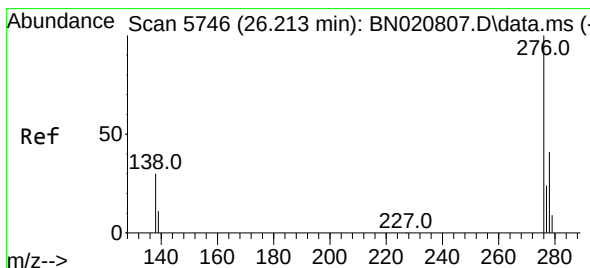
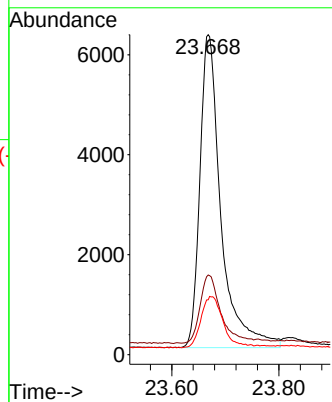
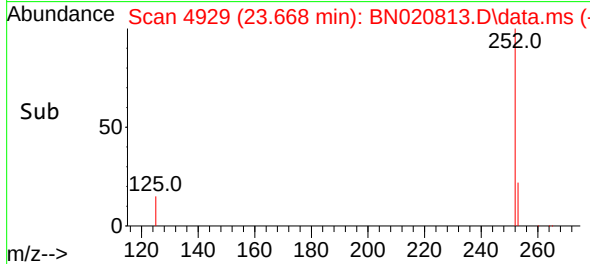


#26
Benzo(a)pyrene
Concen: 0.379 ng/ul
RT: 23.668 min Scan# 4929
Delta R.T. -0.007 min
Lab File: BN020813.D
Acq: 22 Jul 2022 10:36

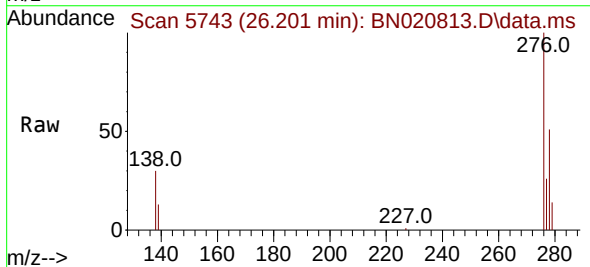
Instrument :
BNA_N
ClientSampleId :



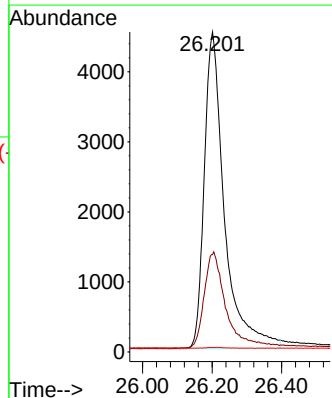
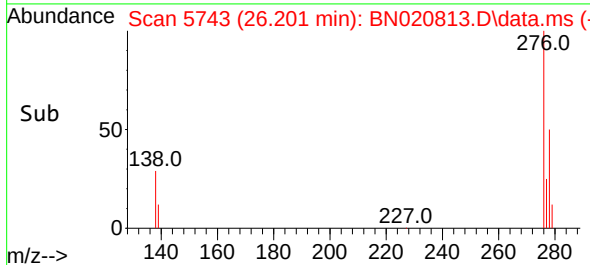
Tgt Ion:252 Resp: 17119
Ion Ratio Lower Upper
252 100
253 24.9 21.0 31.4
125 17.2 18.8 28.2#

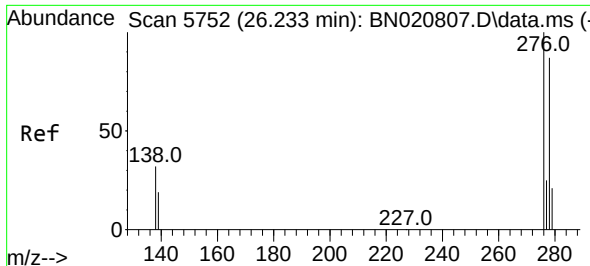


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.406 ng/ul
RT: 26.201 min Scan# 5743
Delta R.T. -0.014 min
Lab File: BN020813.D
Acq: 22 Jul 2022 10:36



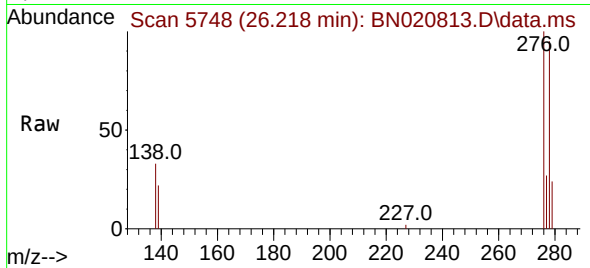
Tgt Ion:276 Resp: 18265
Ion Ratio Lower Upper
276 100
138 32.5 27.4 41.2
227 0.1 0.2 0.2#



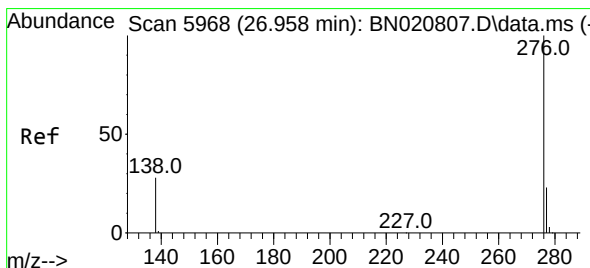
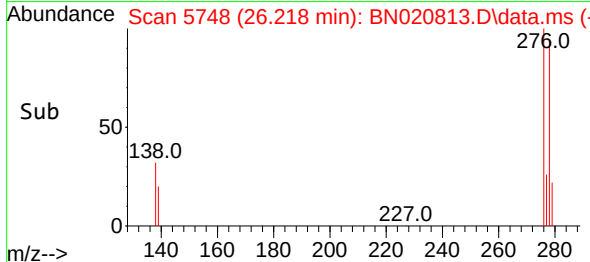
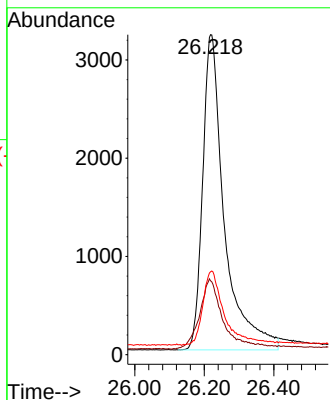


#28
Dibenzo(a,h)anthracene
Concen: 0.384 ng/ul
RT: 26.218 min Scan# 51
Delta R.T. -0.014 min
Lab File: BN020813.D
Acq: 22 Jul 2022 10:36

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:278 Resp: 13948
Ion Ratio Lower Upper
278 100
139 23.1 18.8 28.2
279 25.9 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.433 ng/ul
RT: 26.942 min Scan# 5964
Delta R.T. -0.008 min
Lab File: BN020813.D
Acq: 22 Jul 2022 10:36

Tgt Ion:276 Resp: 16717
Ion Ratio Lower Upper
276 100
138 28.0 23.5 35.3
277 24.4 20.1 30.1

