

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102022\
 Data File : BN022194.D
 Acq On : 19 Oct 2022 13:13
 Operator : CG/JU
 Sample : SSTD1.650
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD1.6206

Quant Time: Oct 19 23:21:44 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 19 23:19:45 2022
 Response via : Initial Calibration

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

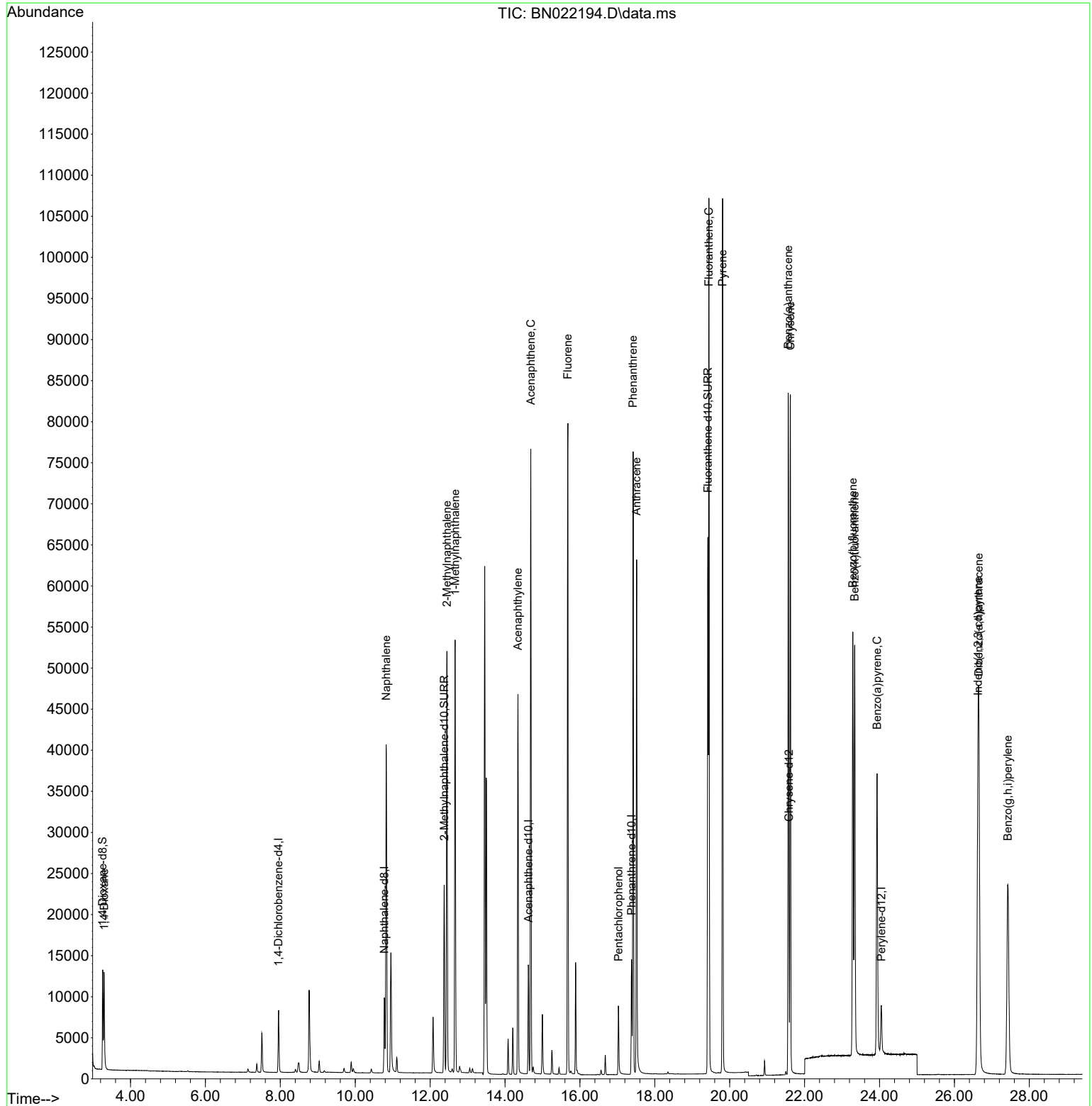
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.953	152	4067	0.400	ng/ul	0.00
4) Naphthalene-d8	10.778	136	12438	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.628	164	7265	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.379	188	15468	0.400	ng/ul	0.00
17) Chrysene-d12	21.582	240	12338	0.400	ng/ul	0.00
23) Perylene-d12	24.049	264	8840	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	7927	1.584	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.378	152	29518	1.499	ng/ul	0.00
18) Fluoranthene-d10	19.417	212	64116	1.397	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.295	88	8269	1.611	ng/ul	89
5) Naphthalene	10.827	128	56184	1.602	ng/ul	99
7) 2-Methylnaphthalene	12.450	142	36258	1.590	ng/ul	99
8) 1-Methylnaphthalene	12.670	142	36941	1.580	ng/ul	100
10) Acenaphthylene	14.346	152	51954	1.703	ng/ul	99
11) Acenaphthene	14.688	153	42131	1.630	ng/ul	100
12) Fluorene	15.678	166	49373	1.703	ng/ul	100
14) Pentachlorophenol	17.028	266	5920	1.975	ng/ul	100
15) Phenanthrene	17.421	178	79323	1.626	ng/ul	99
16) Anthracene	17.514	178	70470	1.740	ng/ul	99
19) Fluoranthene	19.445	202	86680	1.505	ng/ul	99
20) Pyrene	19.812	202	85157	1.499	ng/ul	98
21) Benzo(a)anthracene	21.564	228	71172	1.722	ng/ul	99
22) Chrysene	21.620	228	71745	1.591	ng/ul	100
24) Benzo(b)fluoranthene	23.286	252	68101	1.588	ng/ul	95
25) Benzo(k)fluoranthene	23.339	252	66949	1.610	ng/ul	95
26) Benzo(a)pyrene	23.935	252	54110	1.666	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.628	276	67032	1.834	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.655	278	54199	1.747	ng/ul	97
29) Benzo(g,h,i)perylene	27.427	276	54082	1.606	ng/ul	97

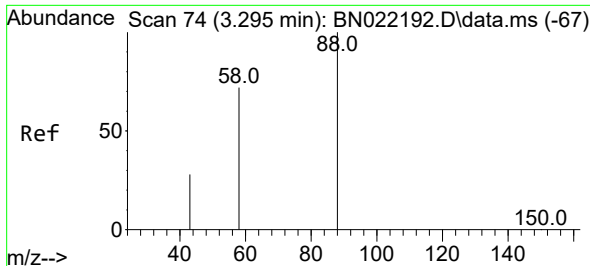
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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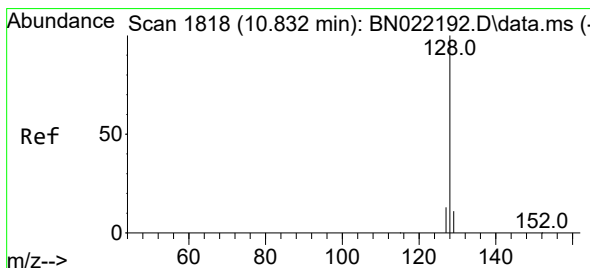
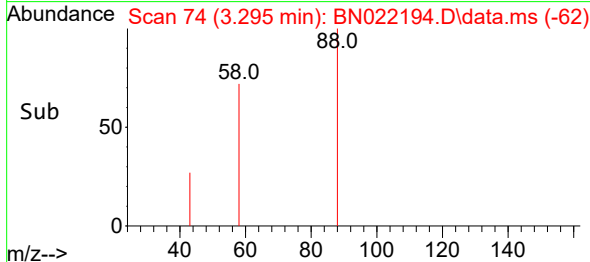
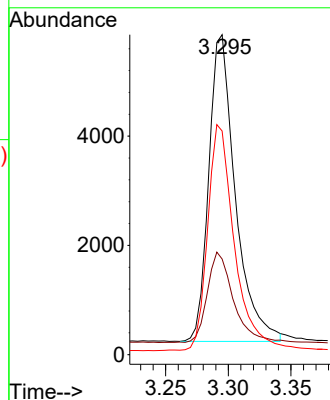
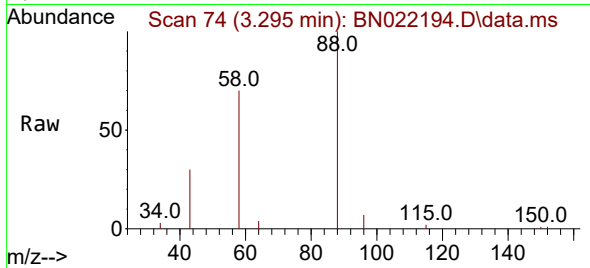




#2
1,4-Dioxane
Concen: 1.611 ng/ul
RT: 3.295 min Scan# 74
Delta R.T. -0.000 min
Lab File: BN022194.D
Acq: 19 Oct 2022 13:13

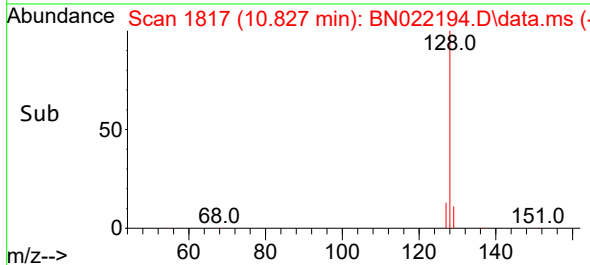
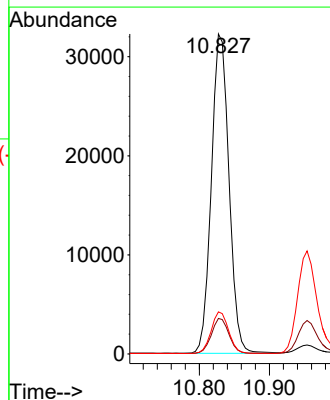
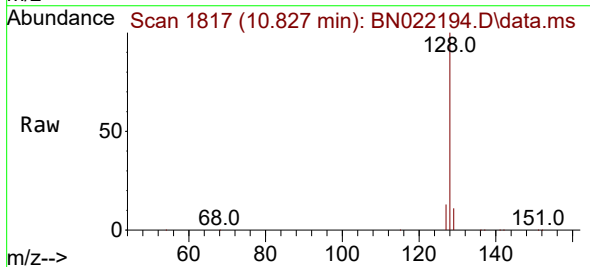
Instrument :
BNA_N
ClientSampleId :
SSTD1.6206

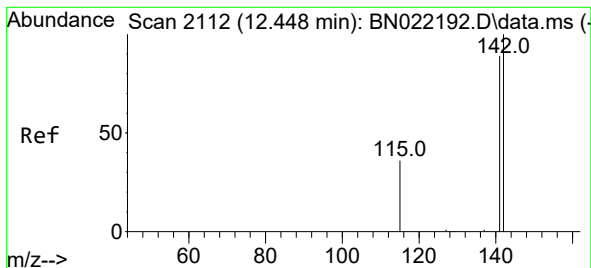
Tgt Ion: 88 Resp: 8269
Ion Ratio Lower Upper
88 100
43 29.9 27.4 41.2
58 69.9 48.2 72.2



#5
Naphthalene
Concen: 1.602 ng/ul
RT: 10.827 min Scan# 1817
Delta R.T. -0.004 min
Lab File: BN022194.D
Acq: 19 Oct 2022 13:13

Tgt Ion: 128 Resp: 56184
Ion Ratio Lower Upper
128 100
129 11.1 9.3 13.9
127 13.1 10.7 16.1

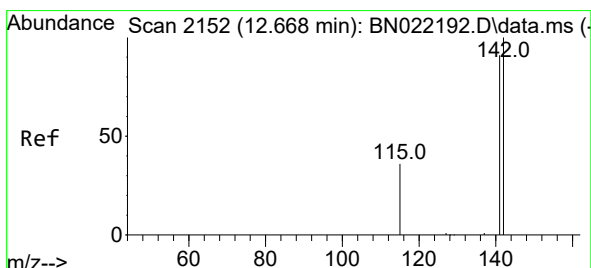
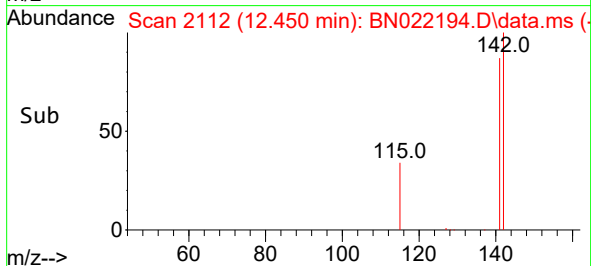
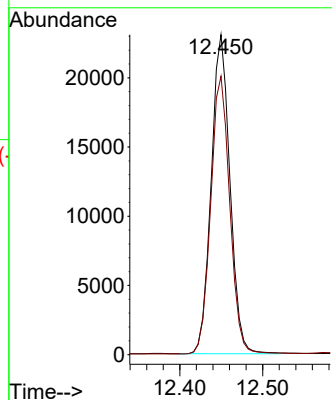
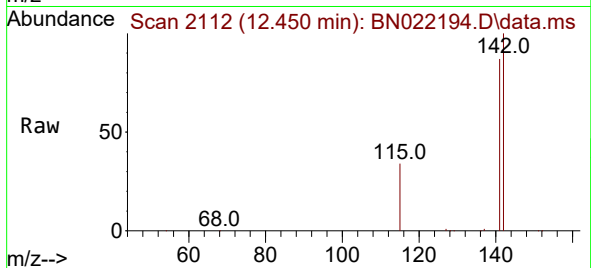




#7
2-Methylnaphthalene
Concen: 1.590 ng/ul
RT: 12.450 min Scan# 2112
Delta R.T. 0.001 min
Lab File: BN022194.D
Acq: 19 Oct 2022 13:13

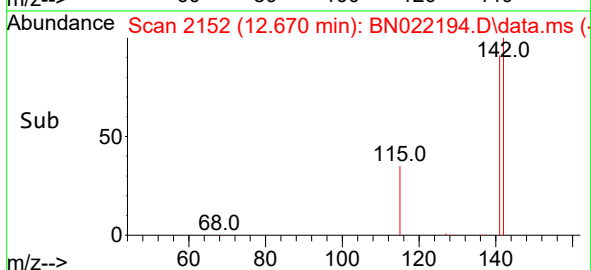
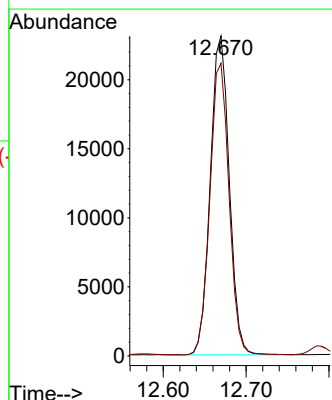
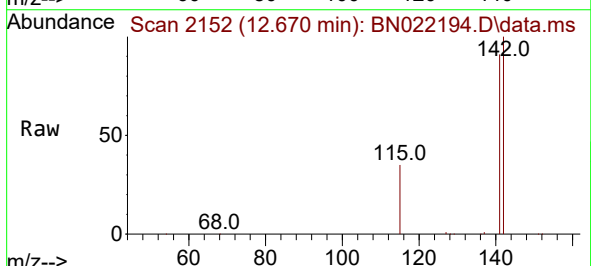
Instrument :
BNA_N
ClientSampleId :
SSTD1.6206

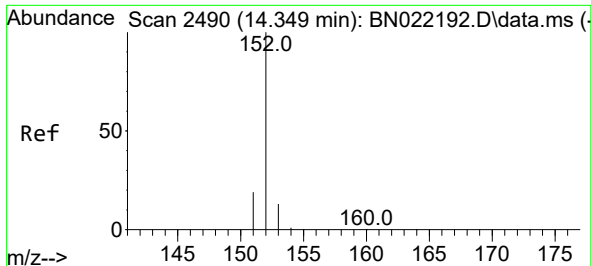
Tgt Ion:142 Resp: 36258
Ion Ratio Lower Upper
142 100
141 88.1 71.1 106.7



#8
1-Methylnaphthalene
Concen: 1.580 ng/ul
RT: 12.670 min Scan# 2152
Delta R.T. 0.001 min
Lab File: BN022194.D
Acq: 19 Oct 2022 13:13

Tgt Ion:142 Resp: 36941
Ion Ratio Lower Upper
142 100
141 91.6 73.3 109.9

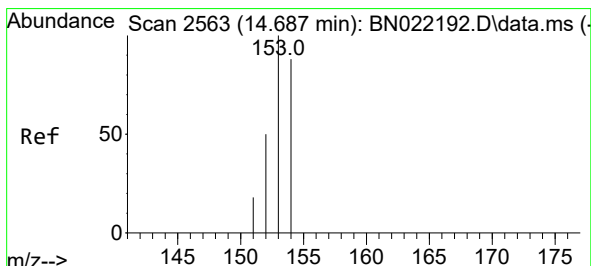
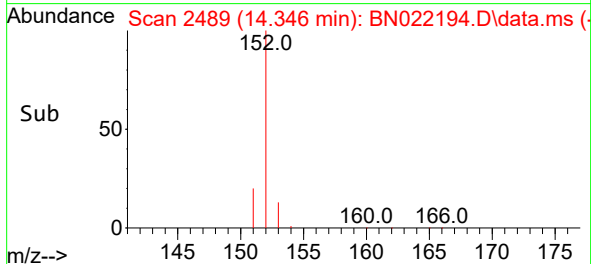
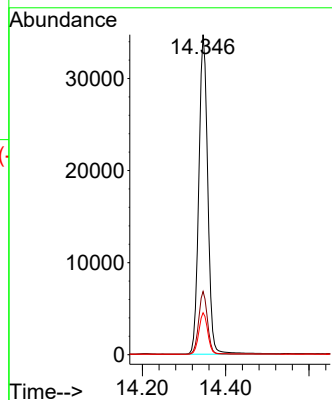
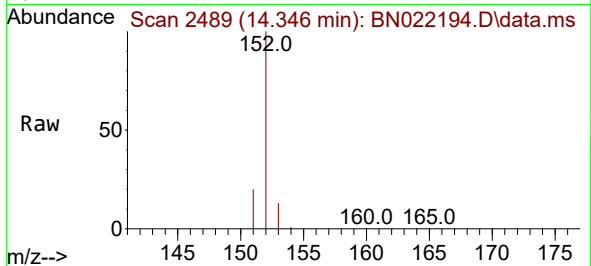




#10
Acenaphthylene
Concen: 1.703 ng/ul
RT: 14.346 min Scan# 2490
Delta R.T. -0.003 min
Lab File: BN022194.D
Acq: 19 Oct 2022 13:13

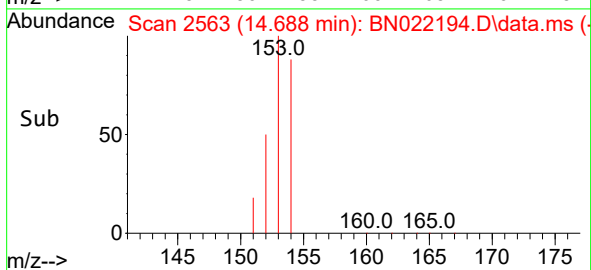
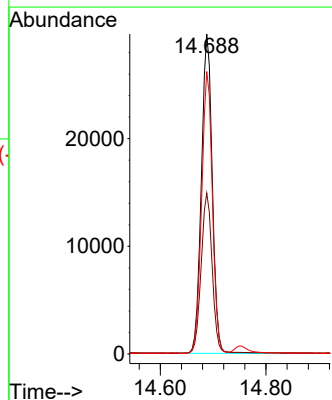
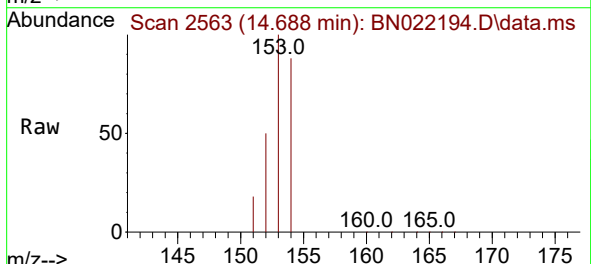
Instrument :
BNA_N
ClientSampleId :
SSTD1.6206

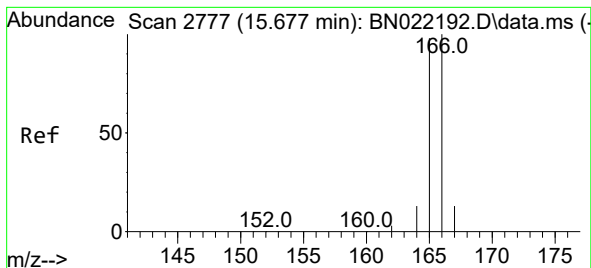
Tgt Ion:152 Resp: 51954
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.1 10.8 16.2



#11
Acenaphthene
Concen: 1.630 ng/ul
RT: 14.688 min Scan# 2563
Delta R.T. 0.001 min
Lab File: BN022194.D
Acq: 19 Oct 2022 13:13

Tgt Ion:153 Resp: 42131
Ion Ratio Lower Upper
153 100
152 50.3 40.6 61.0
154 88.3 70.6 106.0





#12

Fluorene

Concen: 1.703 ng/ul

RT: 15.678 min Scan# 21

Delta R.T. 0.001 min

Lab File: BN022194.D

Acq: 19 Oct 2022 13:13

Instrument :

BNA_N

ClientSampleId :

SSTD1.6206

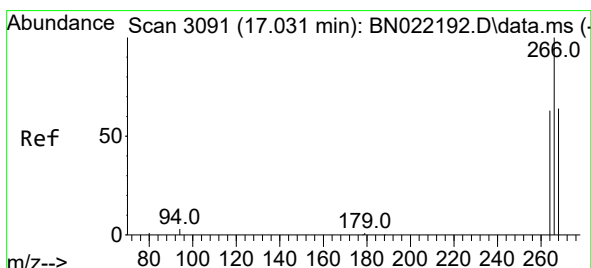
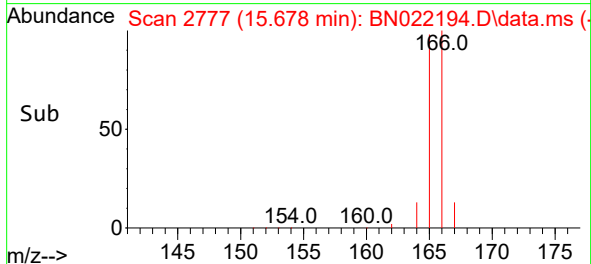
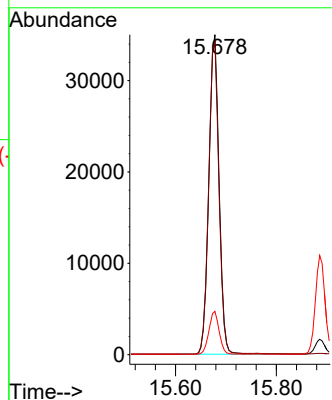
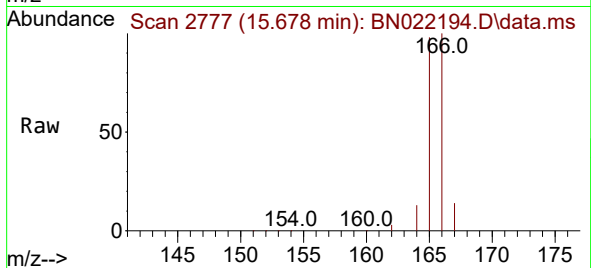
Tgt Ion:166 Resp: 49373

Ion Ratio Lower Upper

166 100

165 97.7 78.2 117.2

167 13.5 11.0 16.4



#14

Pentachlorophenol

Concen: 1.975 ng/ul

RT: 17.028 min Scan# 3090

Delta R.T. -0.003 min

Lab File: BN022194.D

Acq: 19 Oct 2022 13:13

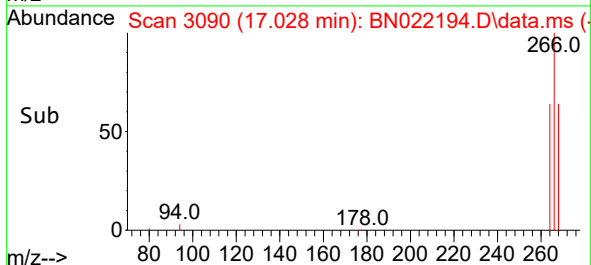
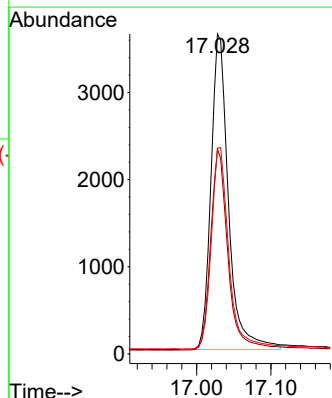
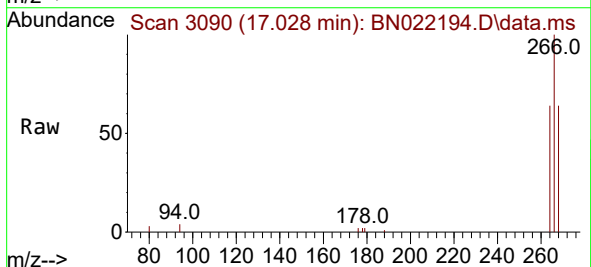
Tgt Ion:266 Resp: 5920

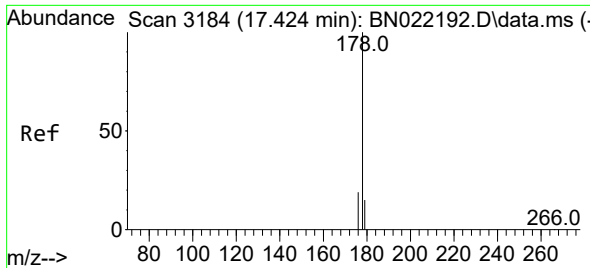
Ion Ratio Lower Upper

266 100

264 62.9 49.8 74.6

268 64.3 51.4 77.2

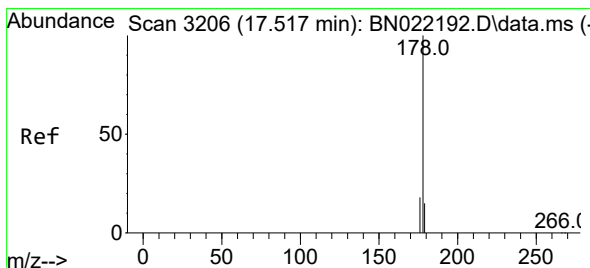
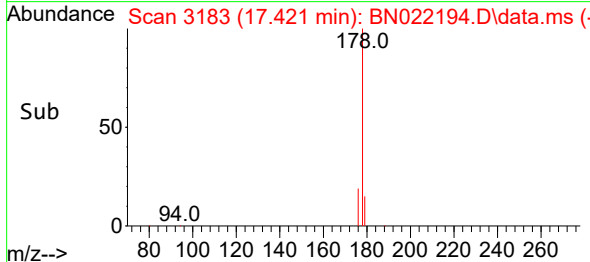
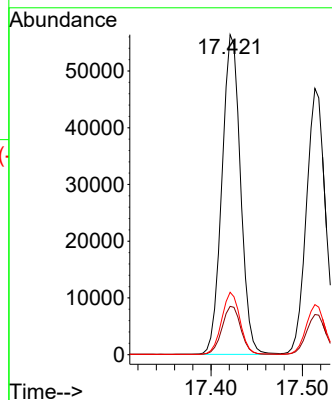
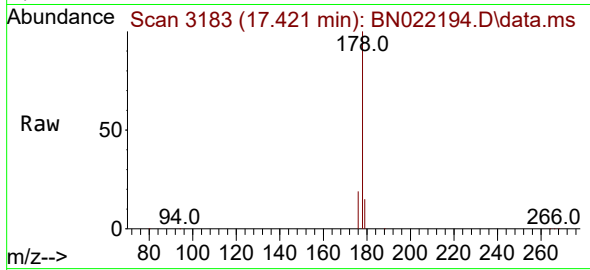




#15
Phenanthrene
Concen: 1.626 ng/ul
RT: 17.421 min Scan# 3183
Delta R.T. -0.003 min
Lab File: BN022194.D
Acq: 19 Oct 2022 13:13

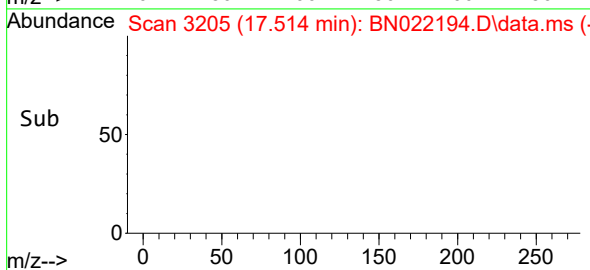
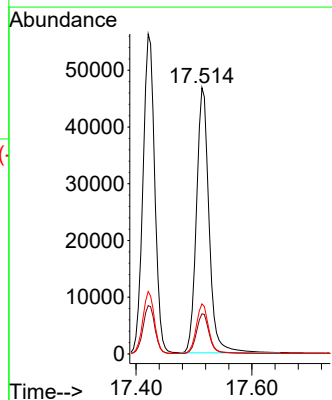
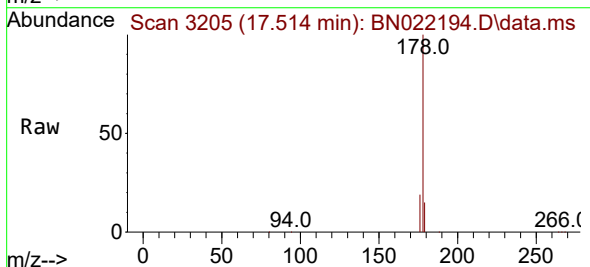
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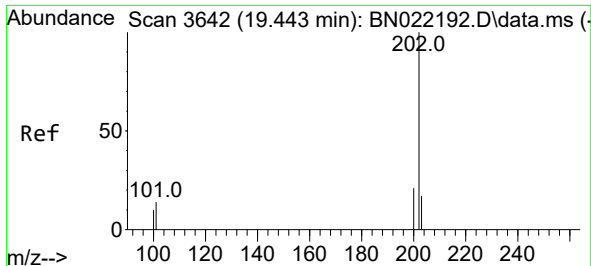
Tgt Ion:178 Resp: 79323
Ion Ratio Lower Upper
178 100
179 15.1 12.7 19.1
176 19.5 15.4 23.2



#16
Anthracene
Concen: 1.740 ng/ul
RT: 17.514 min Scan# 3205
Delta R.T. -0.003 min
Lab File: BN022194.D
Acq: 19 Oct 2022 13:13

Tgt Ion:178 Resp: 70470
Ion Ratio Lower Upper
178 100
179 15.1 12.6 18.8
176 18.8 15.0 22.6

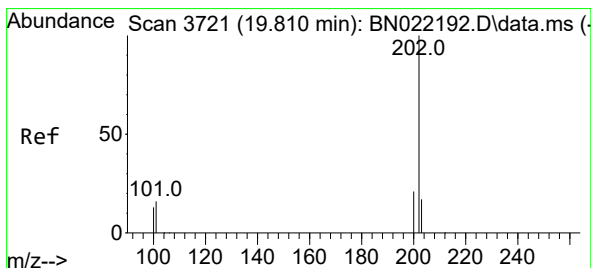
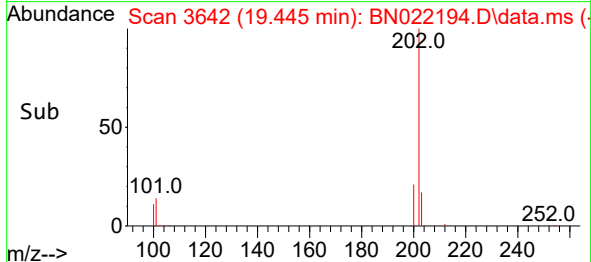
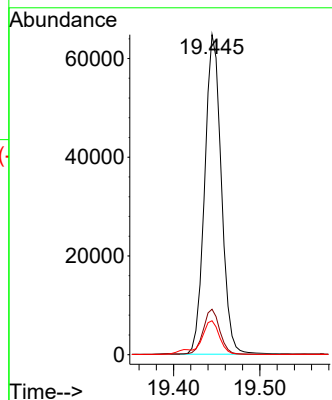
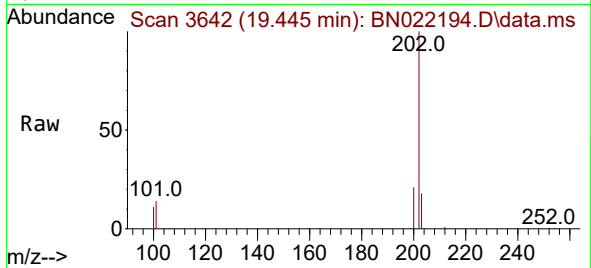




#19
Fluoranthene
Concen: 1.505 ng/ul
RT: 19.445 min Scan# 3642
Delta R.T. 0.001 min
Lab File: BN022194.D
Acq: 19 Oct 2022 13:13

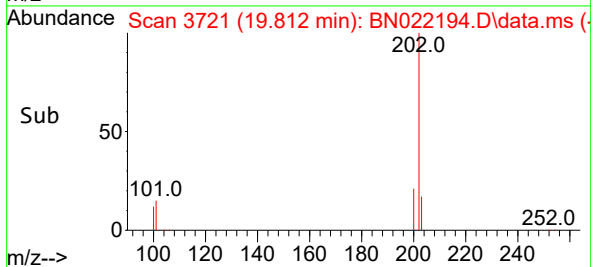
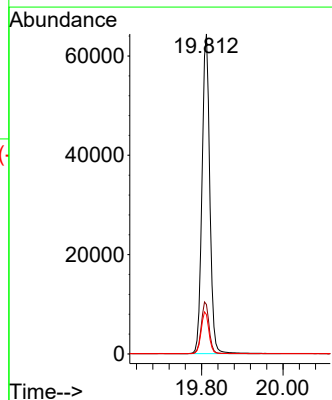
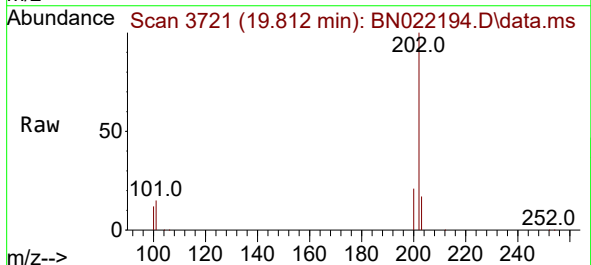
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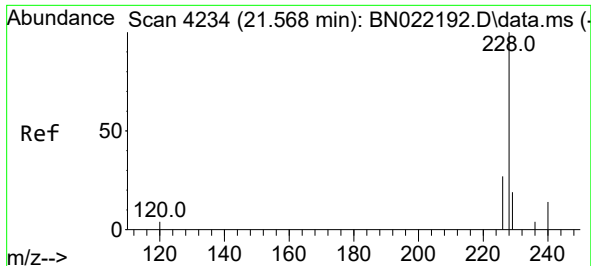
Tgt Ion:202 Resp: 86680
Ion Ratio Lower Upper
202 100
101 14.2 11.8 17.6
100 10.6 8.7 13.1



#20
Pyrene
Concen: 1.499 ng/ul
RT: 19.812 min Scan# 3721
Delta R.T. 0.001 min
Lab File: BN022194.D
Acq: 19 Oct 2022 13:13

Tgt Ion:202 Resp: 85157
Ion Ratio Lower Upper
202 100
101 15.4 13.1 19.7
100 12.3 10.6 16.0

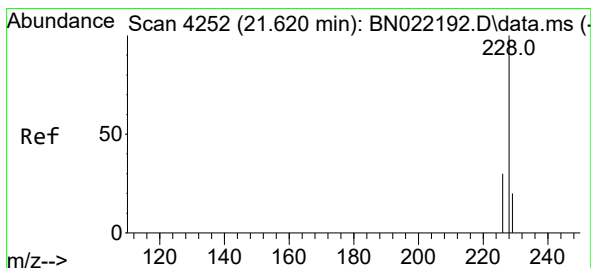
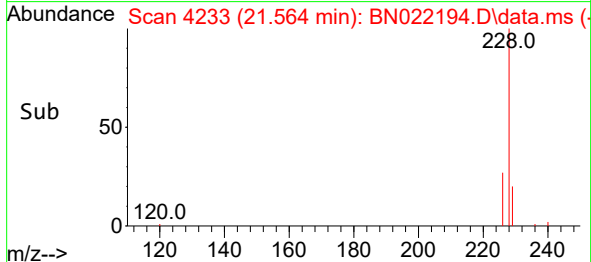
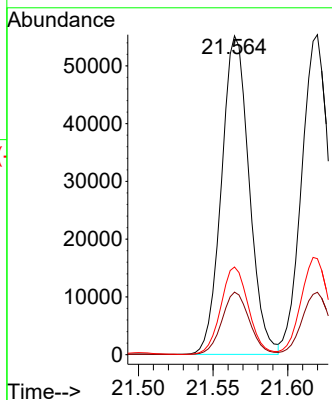
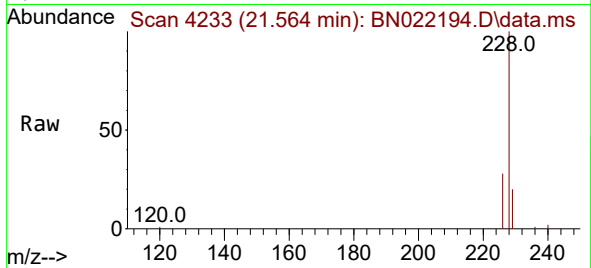




#21
Benzo(a)anthracene
Concen: 1.722 ng/ul
RT: 21.564 min Scan# 4233
Delta R.T. -0.003 min
Lab File: BN022194.D
Acq: 19 Oct 2022 13:13

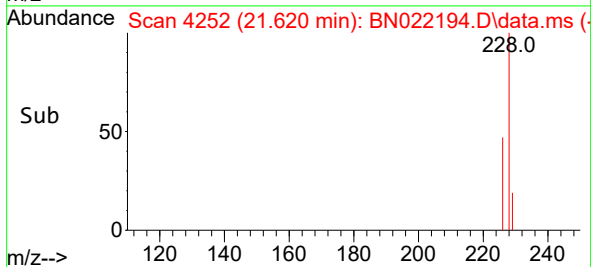
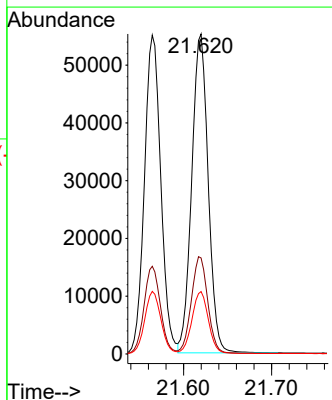
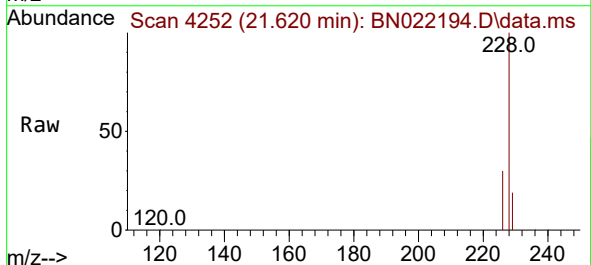
Instrument :
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ClientSampleId :
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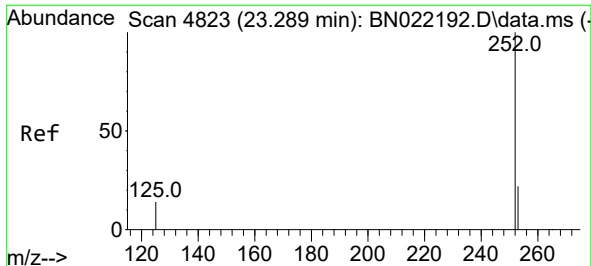
Tgt Ion:228 Resp: 71172
Ion Ratio Lower Upper
228 100
229 19.6 15.7 23.5
226 27.5 21.5 32.3



#22
Chrysene
Concen: 1.591 ng/ul
RT: 21.620 min Scan# 4252
Delta R.T. -0.000 min
Lab File: BN022194.D
Acq: 19 Oct 2022 13:13

Tgt Ion:228 Resp: 71745
Ion Ratio Lower Upper
228 100
226 30.0 23.9 35.9
229 19.5 15.9 23.9

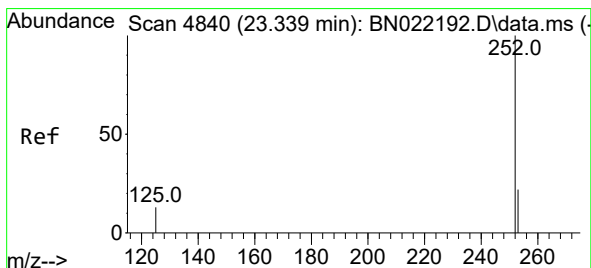
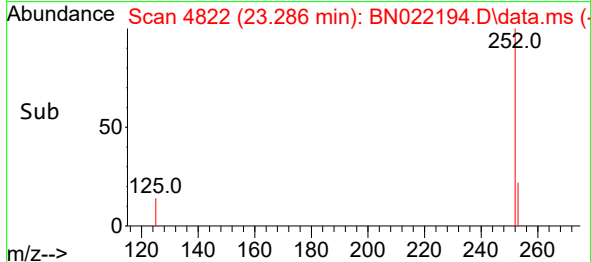
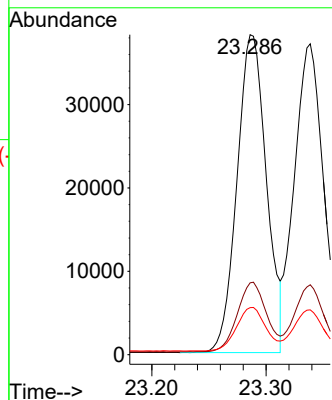
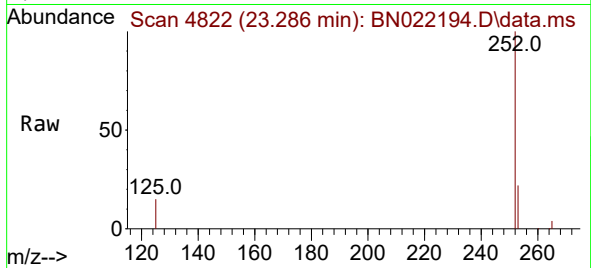




#24
Benzo(b)fluoranthene
Concen: 1.588 ng/ul
RT: 23.286 min Scan# 4822
Delta R.T. -0.003 min
Lab File: BN022194.D
Acq: 19 Oct 2022 13:13

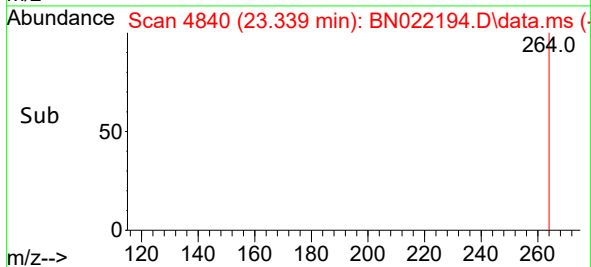
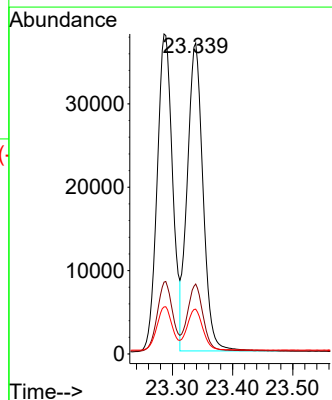
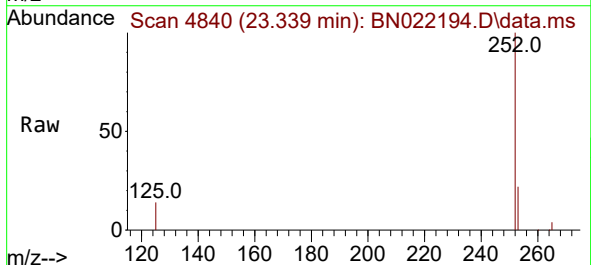
Instrument :
BNA_N
ClientSampleId :
SSTD1.6206

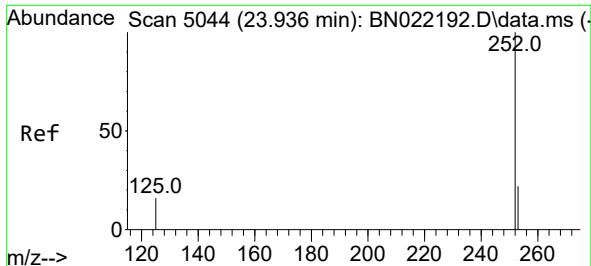
Tgt Ion:252 Resp: 68101
Ion Ratio Lower Upper
252 100
253 22.4 0.0 49.0
125 14.7 0.0 35.2



#25
Benzo(k)fluoranthene
Concen: 1.610 ng/ul
RT: 23.339 min Scan# 4840
Delta R.T. -0.000 min
Lab File: BN022194.D
Acq: 19 Oct 2022 13:13

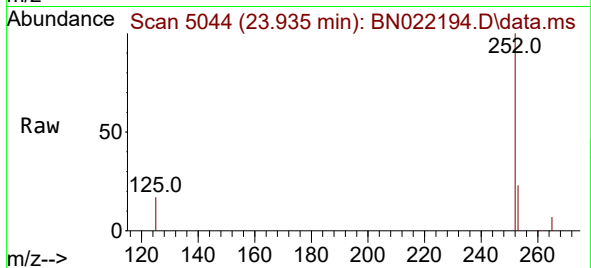
Tgt Ion:252 Resp: 66949
Ion Ratio Lower Upper
252 100
253 22.5 19.7 29.5
125 14.4 14.0 21.0



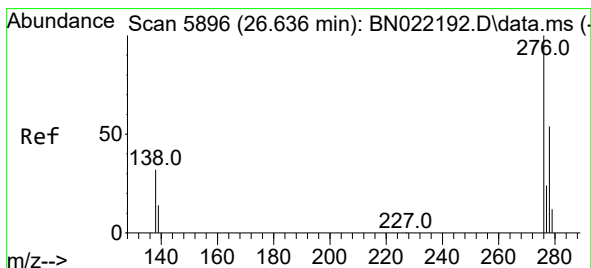
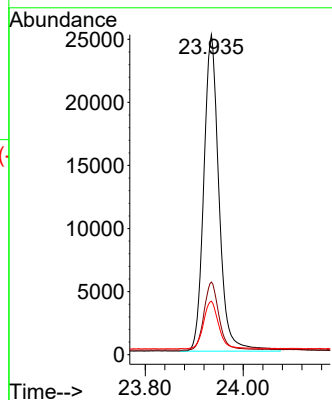
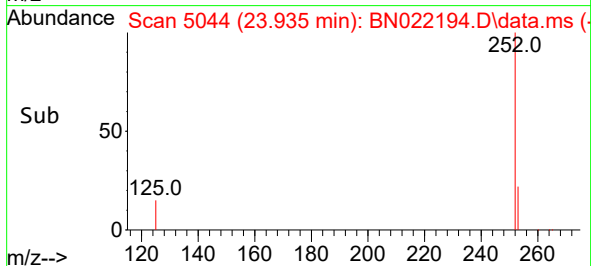


#26
Benzo(a)pyrene
Concen: 1.666 ng/ul
RT: 23.935 min Scan# 5044
Delta R.T. -0.000 min
Lab File: BN022194.D
Acq: 19 Oct 2022 13:13

Instrument :
BNA_N
ClientSampleId :
SSTD1.6206

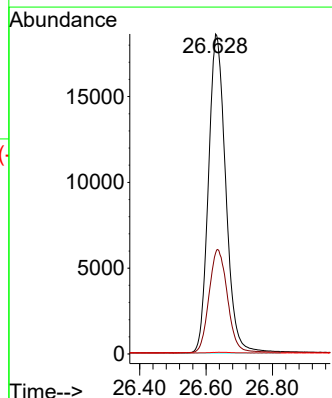
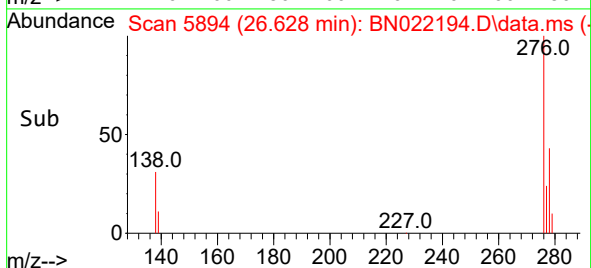
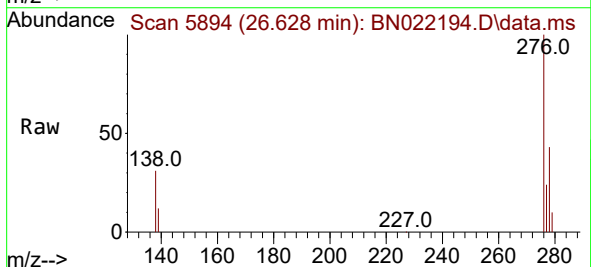


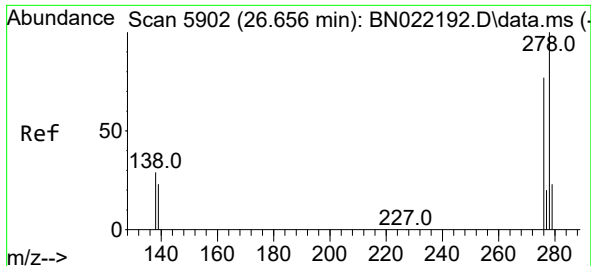
Tgt Ion:252 Resp: 54110
Ion Ratio Lower Upper
252 100
253 22.7 21.0 31.6
125 16.7 17.9 26.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.834 ng/ul
RT: 26.628 min Scan# 5894
Delta R.T. -0.007 min
Lab File: BN022194.D
Acq: 19 Oct 2022 13:13

Tgt Ion:276 Resp: 67032
Ion Ratio Lower Upper
276 100
138 34.6 27.7 41.5
227 0.2 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 1.747 ng/ul

RT: 26.655 min Scan# 5902

Delta R.T. -0.000 min

Lab File: BN022194.D

Acq: 19 Oct 2022 13:13

Instrument :

BNA_N

ClientSampleId :

SSTD1.6206

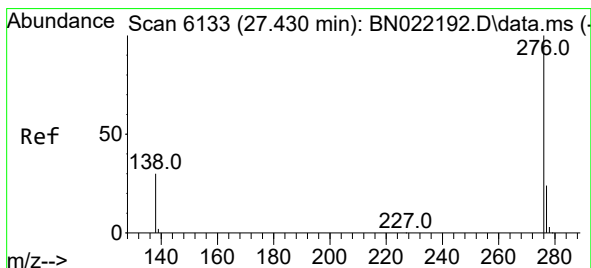
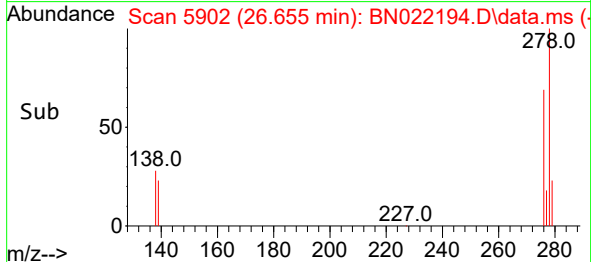
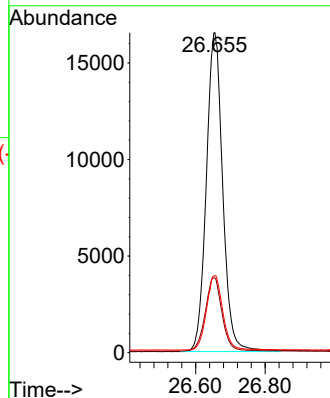
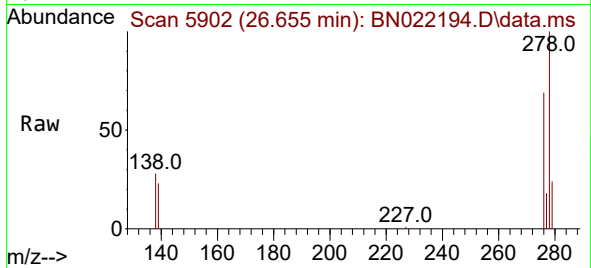
Tgt Ion:278 Resp: 54199

Ion Ratio Lower Upper

278 100

139 23.4 19.6 29.4

279 24.1 20.6 30.8



#29

Benzo(g,h,i)perylene

Concen: 1.606 ng/ul

RT: 27.427 min Scan# 6132

Delta R.T. -0.004 min

Lab File: BN022194.D

Acq: 19 Oct 2022 13:13

Tgt Ion:276 Resp: 54082

Ion Ratio Lower Upper

276 100

138 29.7 25.2 37.8

277 23.3 19.9 29.9

