

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013023\
 Data File : BN023846.D
 Acq On : 30 Jan 2023 15:39
 Operator : CG/JU
 Sample : SST0.271
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.2231

Quant Time: Jan 31 01:46:02 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN013023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 31 01:40:05 2023
 Response via : Initial Calibration

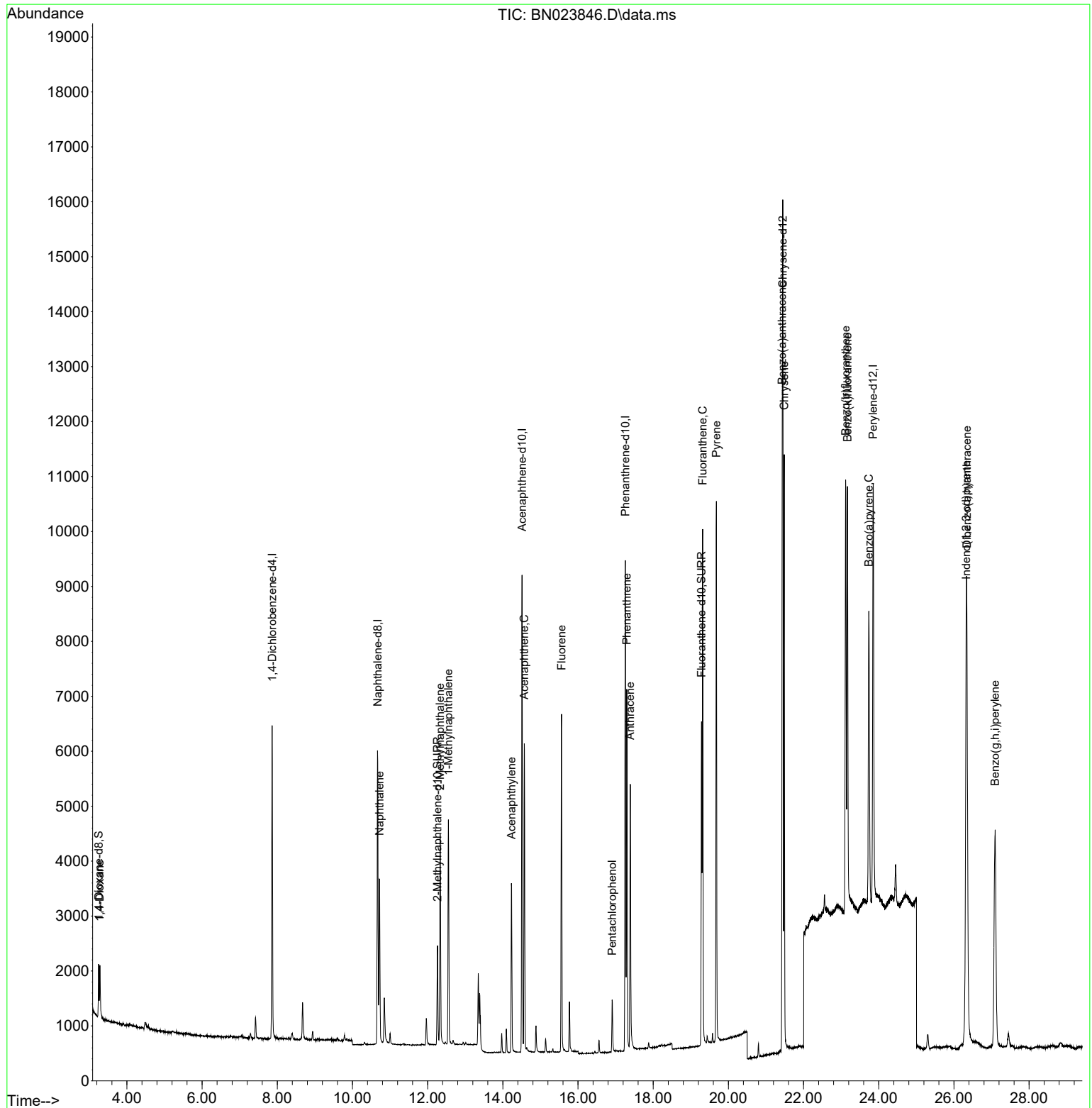
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	2854	0.400	ng/ul	0.00
4) Naphthalene-d8	10.667	136	7263	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.511	164	4559	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.259	188	10954	0.400	ng/ul	0.00
17) Chrysene-d12	21.449	240	11816	0.400	ng/ul	0.00
23) Perylene-d12	23.852	264	10576	0.400	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.248	96	620	0.196	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.262	152	2352	0.211	ng/ul	0.00
18) Fluoranthene-d10	19.286	212	6702	0.194	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.281	88	662	0.200	ng/ul#	86
5) Naphthalene	10.722	128	4151	0.199	ng/ul	98
7) 2-Methylnaphthalene	12.333	142	2682	0.200	ng/ul	100
8) 1-Methylnaphthalene	12.553	142	2770	0.202	ng/ul	99
10) Acenaphthylene	14.229	152	3542	0.191	ng/ul	97
11) Acenaphthene	14.571	153	3197	0.195	ng/ul	99
12) Fluorene	15.561	166	3835	0.204	ng/ul	98
14) Pentachlorophenol	16.909	266	670	0.190	ng/ul	97
15) Phenanthrene	17.297	178	6752	0.197	ng/ul	98
16) Anthracene	17.390	178	5537	0.189	ng/ul	98
19) Fluoranthene	19.318	202	8211	0.184	ng/ul	99
20) Pyrene	19.681	202	8652	0.184	ng/ul	99
21) Benzo(a)anthracene	21.432	228	8377	0.192	ng/ul	99
22) Chrysene	21.485	228	8909	0.203	ng/ul	99
24) Benzo(b)fluoranthene	23.118	252	10197	0.208	ng/ul	90
25) Benzo(k)fluoranthene	23.168	252	9756	0.212	ng/ul#	94
26) Benzo(a)pyrene	23.738	252	8297	0.204	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.326	276	11820	0.234	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.342	278	9354	0.234	ng/ul	94
29) Benzo(g,h,i)perylene	27.097	276	9613	0.238	ng/ul	97

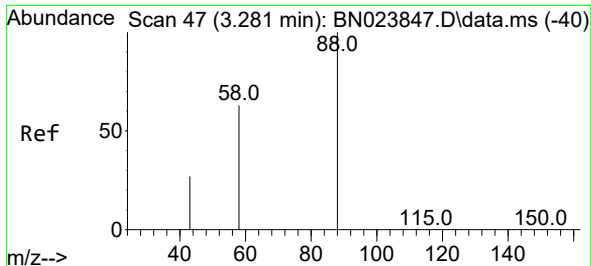
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013023\
Data File : BN023846.D
Acq On : 30 Jan 2023 15:39
Operator : CG/JU
Sample : SST0.271
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.2231

Quant Time: Jan 31 01:46:02 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN013023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 31 01:40:05 2023
Response via : Initial Calibration

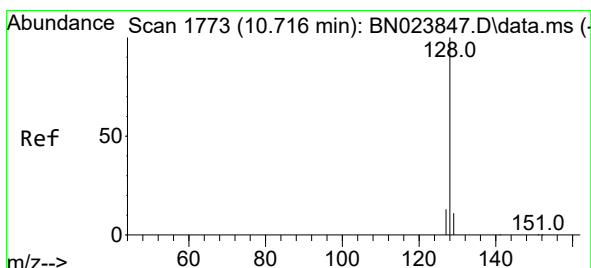
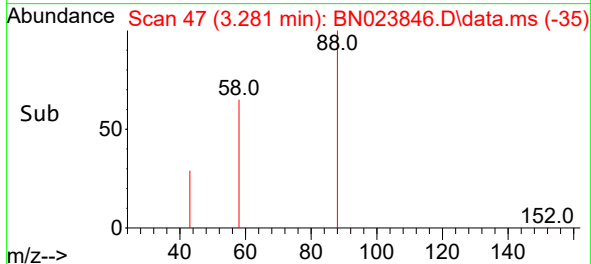
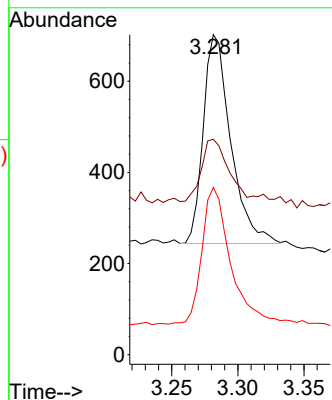
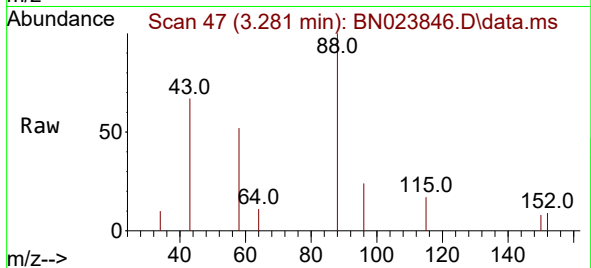




#2
1,4-Dioxane
Concen: 0.200 ng/ul
RT: 3.281 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN023846.D
Acq: 30 Jan 2023 15:39

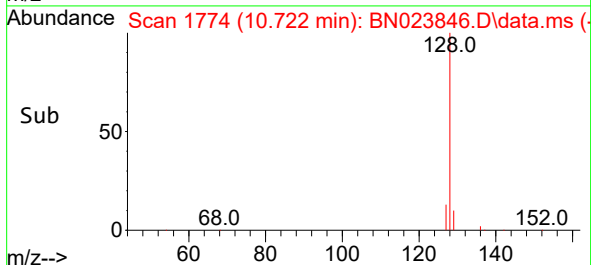
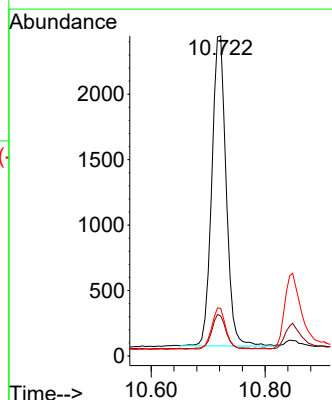
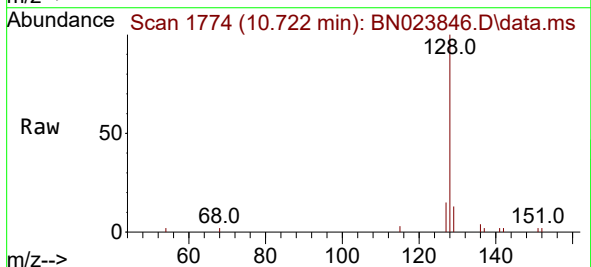
Instrument :
BNA_N
ClientSampleId :
SSTD0.2231

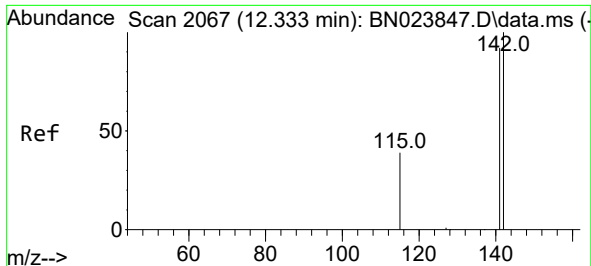
Tgt Ion: 88 Resp: 662
Ion Ratio Lower Upper
88 100
43 67.4 41.9 62.9#
58 52.3 45.6 68.4



#5
Naphthalene
Concen: 0.199 ng/ul
RT: 10.722 min Scan# 1774
Delta R.T. 0.006 min
Lab File: BN023846.D
Acq: 30 Jan 2023 15:39

Tgt Ion: 128 Resp: 4151
Ion Ratio Lower Upper
128 100
129 12.5 9.7 14.5
127 14.9 11.1 16.7

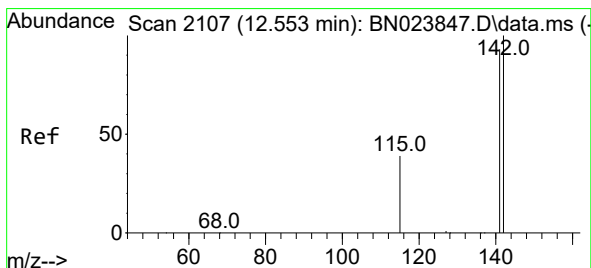
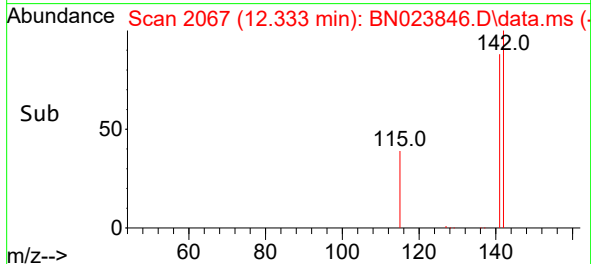
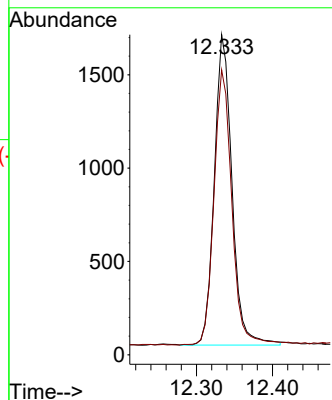
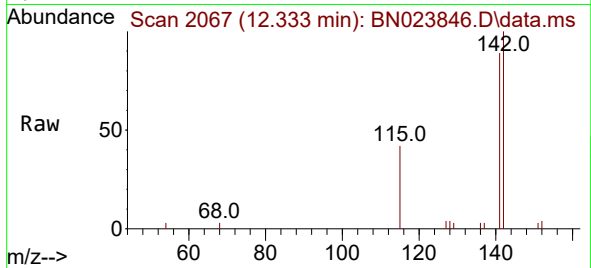




#7
2-Methylnaphthalene
Concen: 0.200 ng/ul
RT: 12.333 min Scan# 2067
Delta R.T. 0.000 min
Lab File: BN023846.D
Acq: 30 Jan 2023 15:39

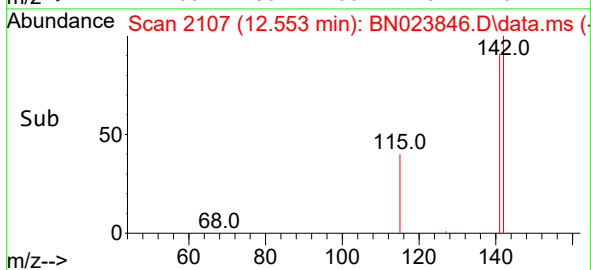
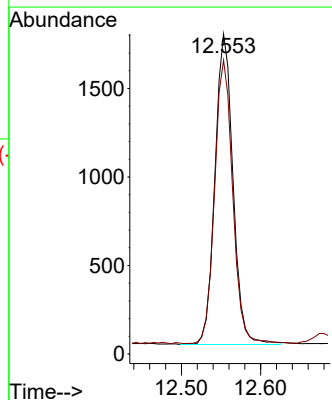
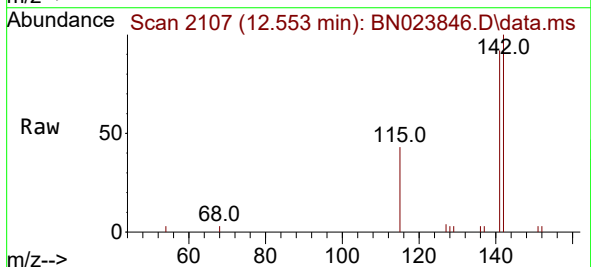
Instrument :
BNA_N
ClientSampleId :
SSTD0.2231

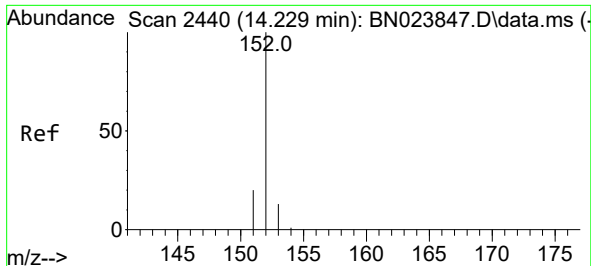
Tgt Ion:142 Resp: 2682
Ion Ratio Lower Upper
142 100
141 89.5 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.202 ng/ul
RT: 12.553 min Scan# 2107
Delta R.T. 0.000 min
Lab File: BN023846.D
Acq: 30 Jan 2023 15:39

Tgt Ion:142 Resp: 2770
Ion Ratio Lower Upper
142 100
141 91.4 74.1 111.1

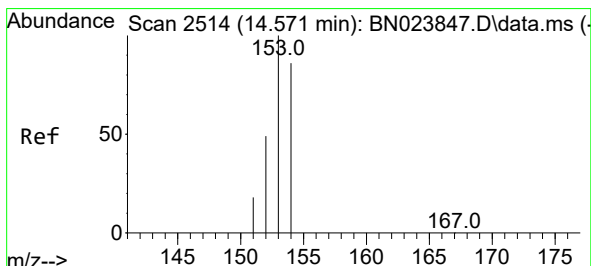
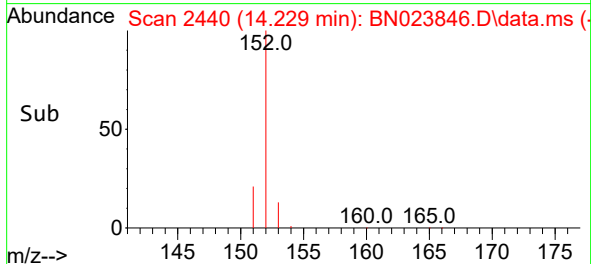
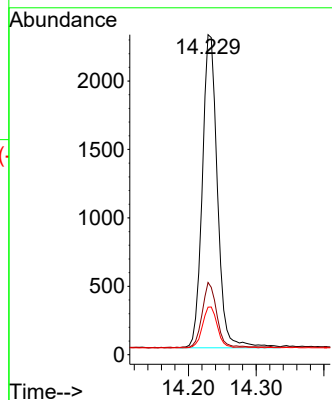
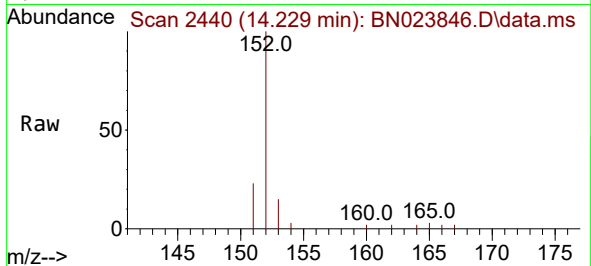




#10
Acenaphthylene
Concen: 0.191 ng/ul
RT: 14.229 min Scan# 2440
Delta R.T. 0.000 min
Lab File: BN023846.D
Acq: 30 Jan 2023 15:39

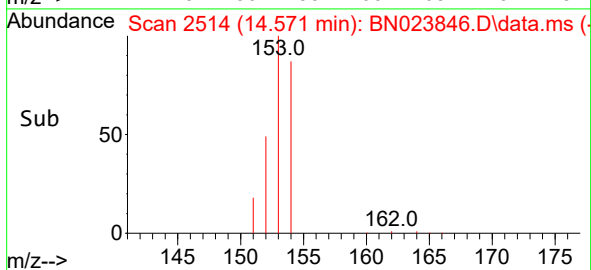
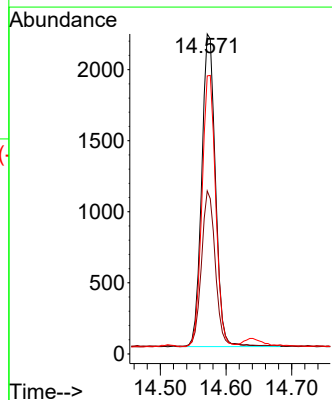
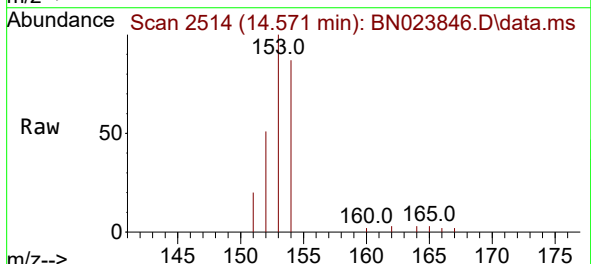
Instrument :
BNA_N
ClientSampleId :
SSTD0.2231

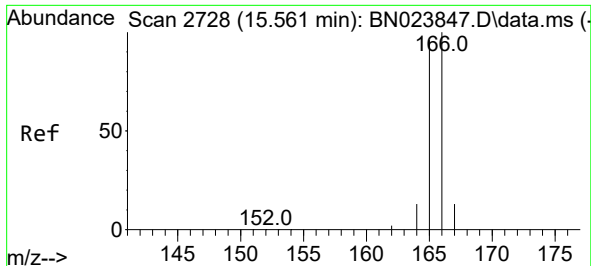
Tgt Ion:152 Resp: 3542
Ion Ratio Lower Upper
152 100
151 22.6 17.0 25.4
153 14.8 11.1 16.7



#11
Acenaphthene
Concen: 0.195 ng/ul
RT: 14.571 min Scan# 2514
Delta R.T. 0.000 min
Lab File: BN023846.D
Acq: 30 Jan 2023 15:39

Tgt Ion:153 Resp: 3197
Ion Ratio Lower Upper
153 100
152 51.0 39.6 59.4
154 86.9 68.8 103.2

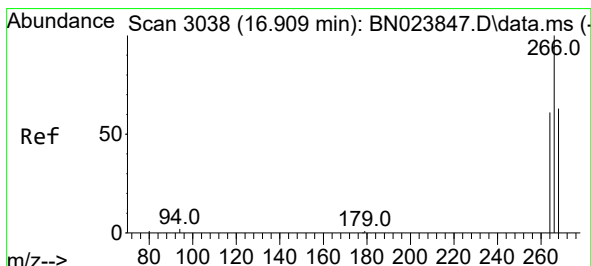
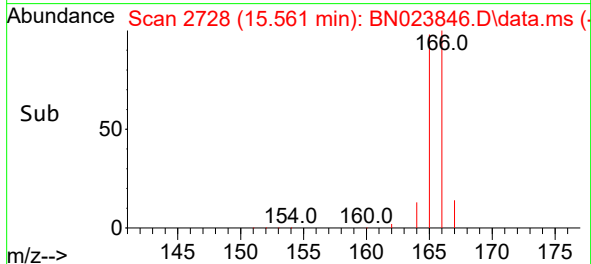
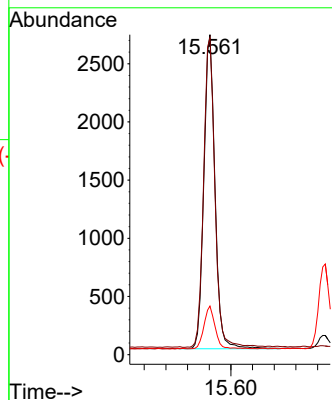
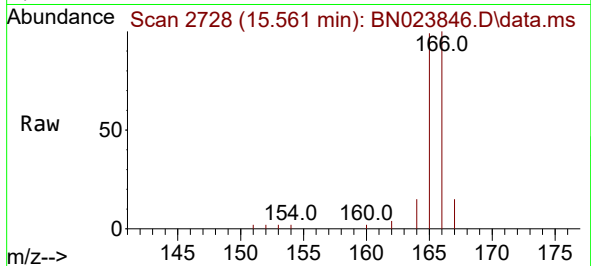




#12
Fluorene
Concen: 0.204 ng/ul
RT: 15.561 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN023846.D
Acq: 30 Jan 2023 15:39

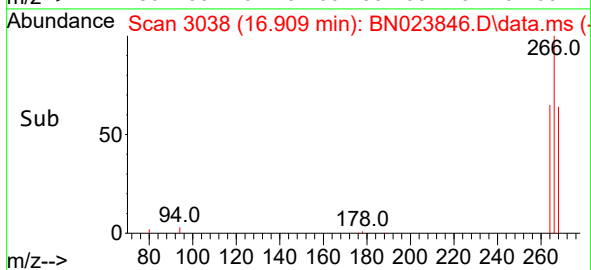
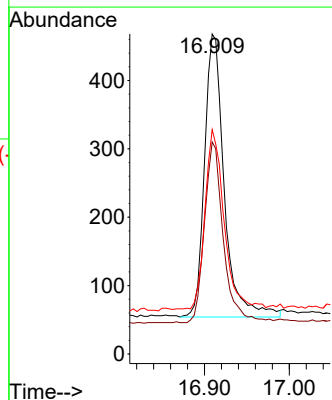
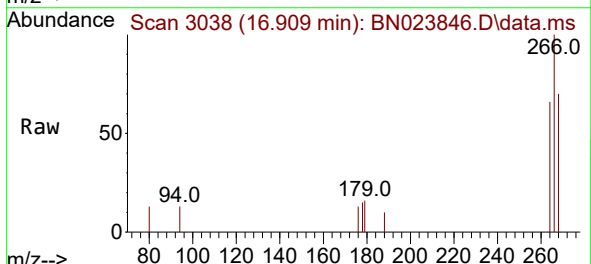
Instrument :
BNA_N
ClientSampleId :
SSTD0.2231

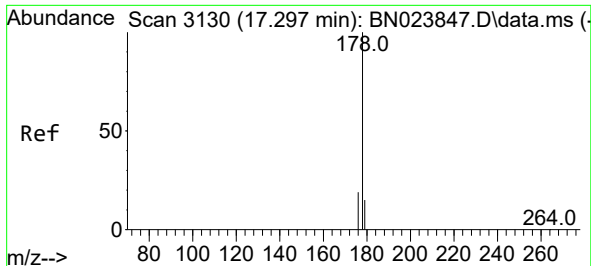
Tgt Ion:166 Resp: 3835
Ion Ratio Lower Upper
166 100
165 99.0 77.4 116.2
167 15.2 11.4 17.0



#14
Pentachlorophenol
Concen: 0.190 ng/ul
RT: 16.909 min Scan# 3038
Delta R.T. 0.000 min
Lab File: BN023846.D
Acq: 30 Jan 2023 15:39

Tgt Ion:266 Resp: 670
Ion Ratio Lower Upper
266 100
264 61.3 49.4 74.0
268 61.0 52.0 78.0

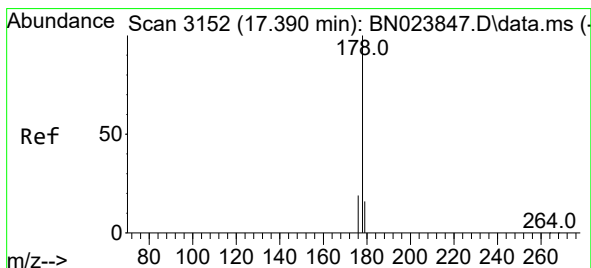
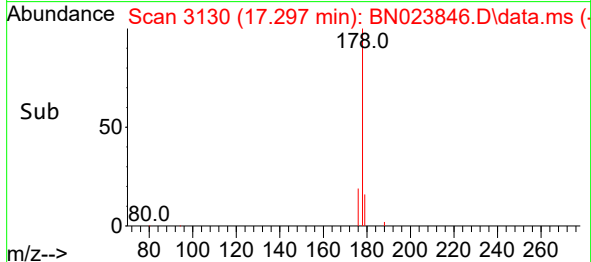
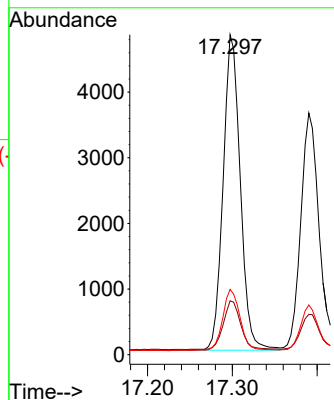
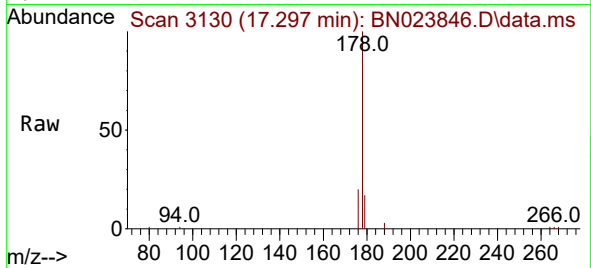




#15
Phenanthrene
Concen: 0.197 ng/ul
RT: 17.297 min Scan# 3130
Delta R.T. 0.000 min
Lab File: BN023846.D
Acq: 30 Jan 2023 15:39

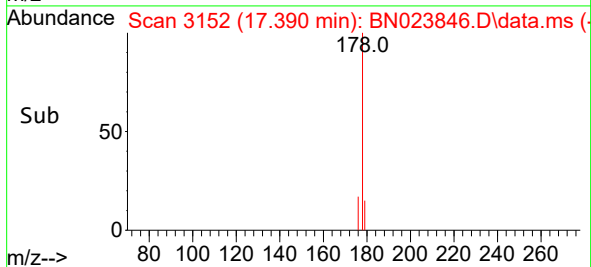
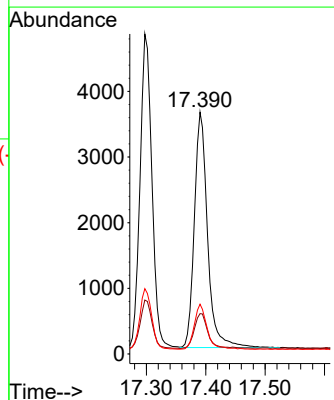
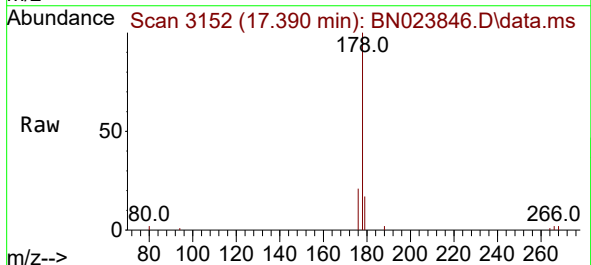
Instrument :
BNA_N
ClientSampleId :
SSTD0.2231

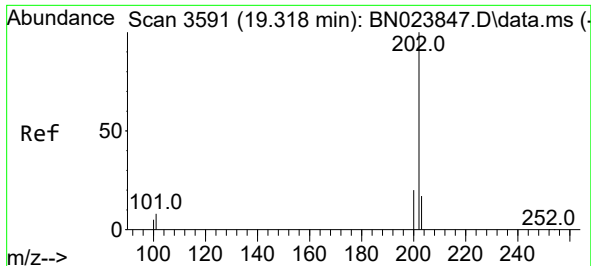
Tgt Ion:178 Resp: 6752
Ion Ratio Lower Upper
178 100
179 16.8 12.6 19.0
176 20.4 15.7 23.5



#16
Anthracene
Concen: 0.189 ng/ul
RT: 17.390 min Scan# 3152
Delta R.T. 0.000 min
Lab File: BN023846.D
Acq: 30 Jan 2023 15:39

Tgt Ion:178 Resp: 5537
Ion Ratio Lower Upper
178 100
179 16.7 13.4 20.0
176 20.6 15.4 23.2

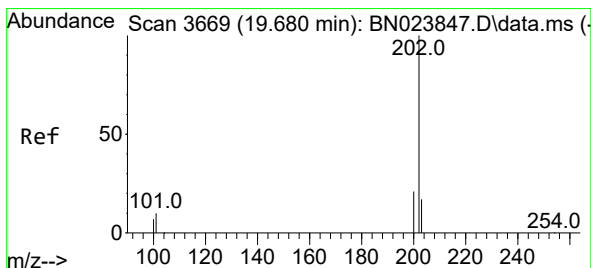
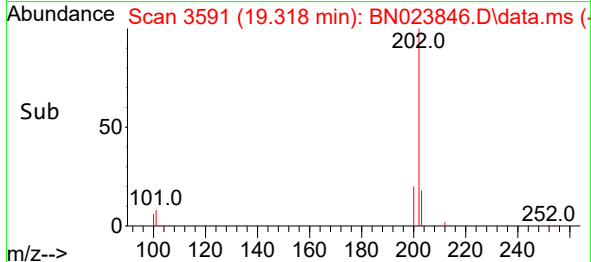
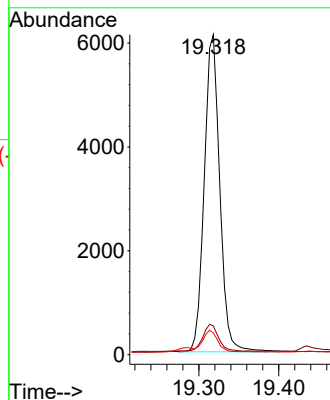
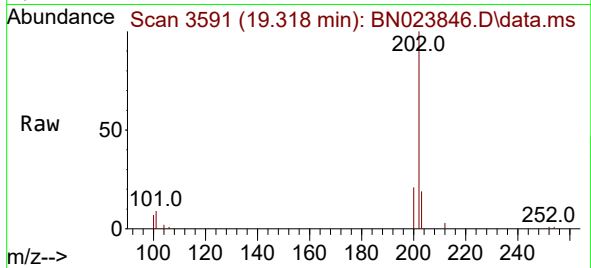




#19
Fluoranthene
Concen: 0.184 ng/ul
RT: 19.318 min Scan# 3591
Delta R.T. 0.000 min
Lab File: BN023846.D
Acq: 30 Jan 2023 15:39

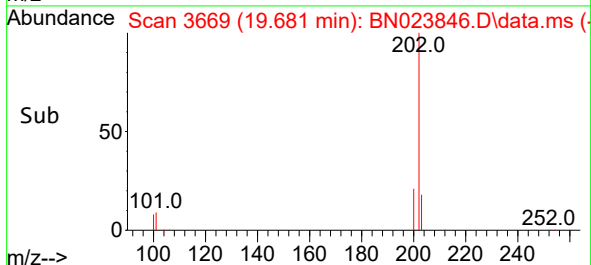
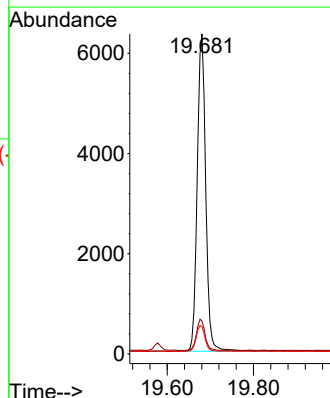
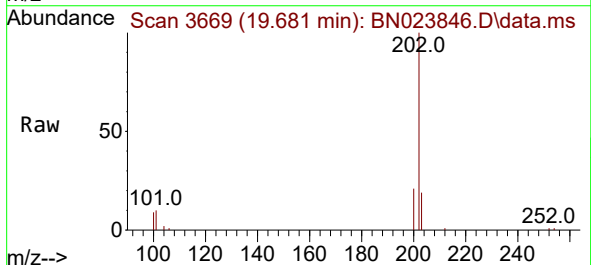
Instrument :
BNA_N
ClientSampleId :
SSTD0.2231

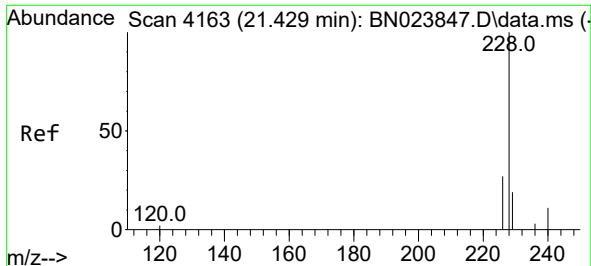
Tgt Ion:202 Resp: 8211
Ion Ratio Lower Upper
202 100
101 9.0 6.8 10.2
100 6.7 5.2 7.8



#20
Pyrene
Concen: 0.184 ng/ul
RT: 19.681 min Scan# 3669
Delta R.T. 0.000 min
Lab File: BN023846.D
Acq: 30 Jan 2023 15:39

Tgt Ion:202 Resp: 8652
Ion Ratio Lower Upper
202 100
101 10.2 8.1 12.1
100 8.5 6.2 9.4

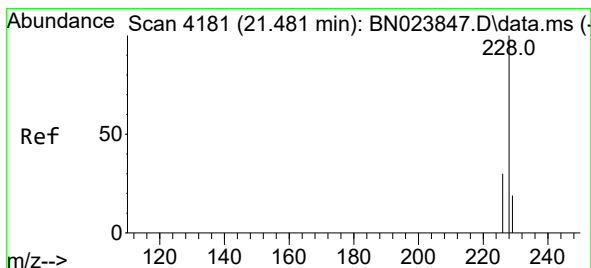
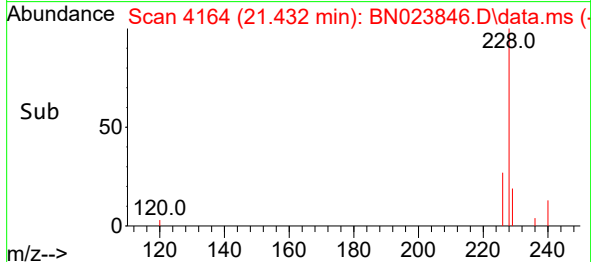
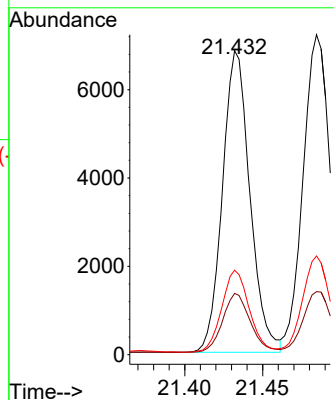
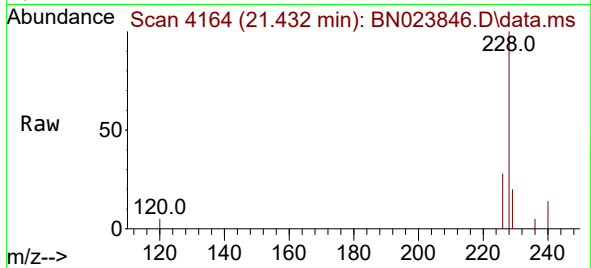




#21
Benzo(a)anthracene
Concen: 0.192 ng/ul
RT: 21.432 min Scan# 4163
Delta R.T. 0.003 min
Lab File: BN023846.D
Acq: 30 Jan 2023 15:39

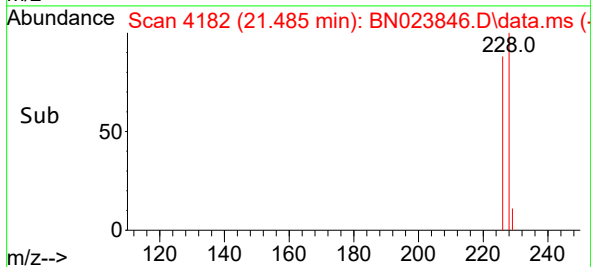
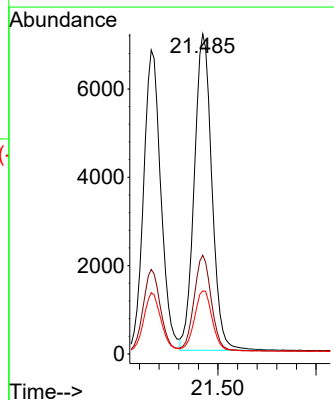
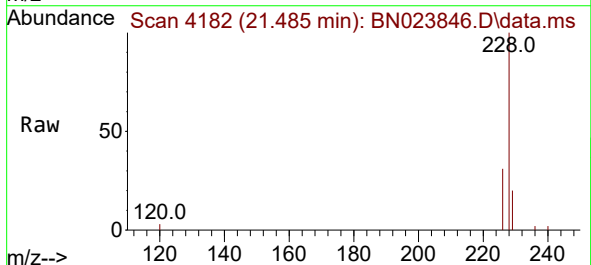
Instrument :
BNA_N
ClientSampleId :
SSTD0.2231

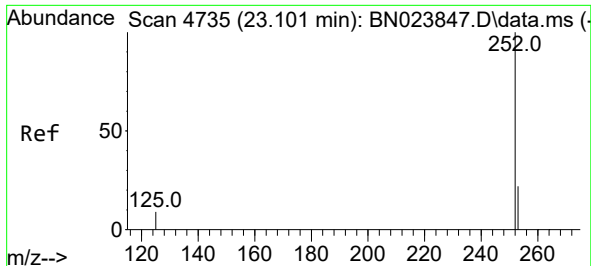
Tgt Ion:228 Resp: 8377
Ion Ratio Lower Upper
228 100
229 20.1 15.8 23.8
226 27.8 22.0 33.0



#22
Chrysene
Concen: 0.203 ng/ul
RT: 21.485 min Scan# 4182
Delta R.T. 0.003 min
Lab File: BN023846.D
Acq: 30 Jan 2023 15:39

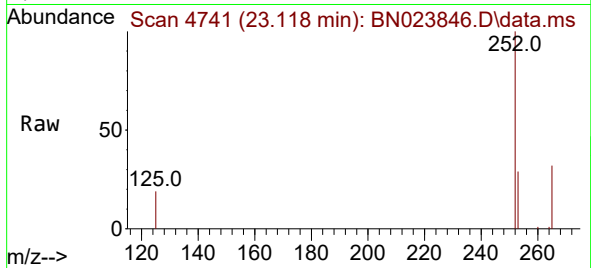
Tgt Ion:228 Resp: 8909
Ion Ratio Lower Upper
228 100
226 30.8 24.2 36.2
229 19.7 15.5 23.3



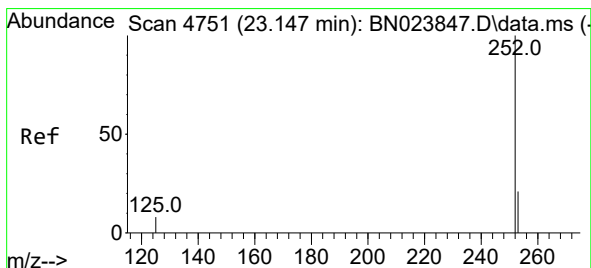
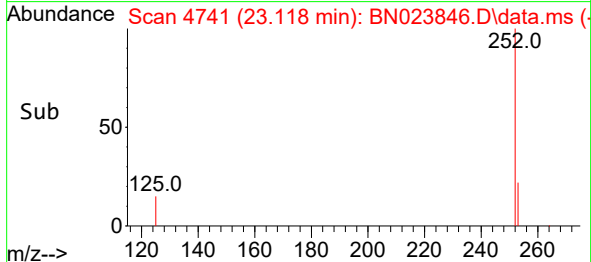
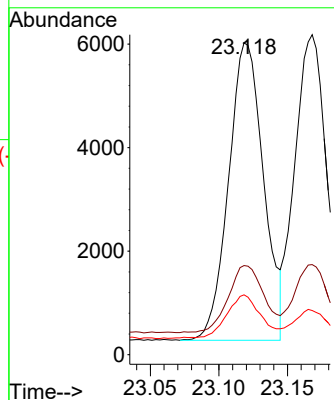


#24
Benzo(b)fluoranthene
Concen: 0.208 ng/ul
RT: 23.118 min Scan# 4741
Delta R.T. 0.018 min
Lab File: BN023846.D
Acq: 30 Jan 2023 15:39

Instrument :
BNA_N
ClientSampleId :
SSTD0.2231

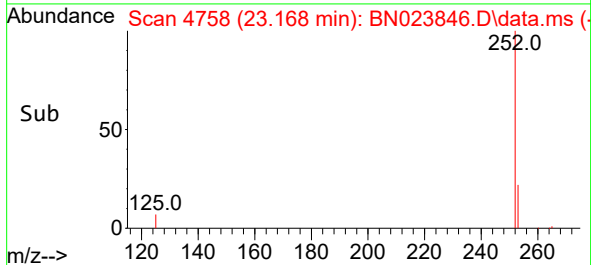
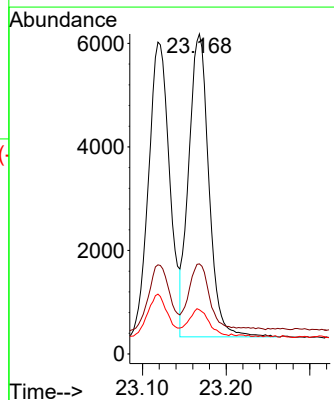
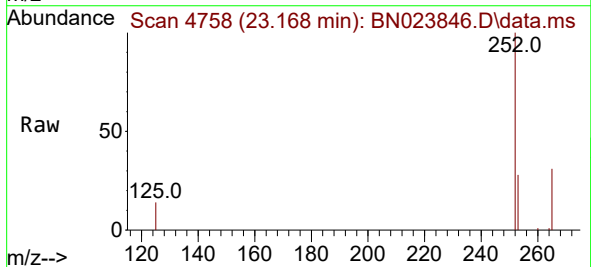


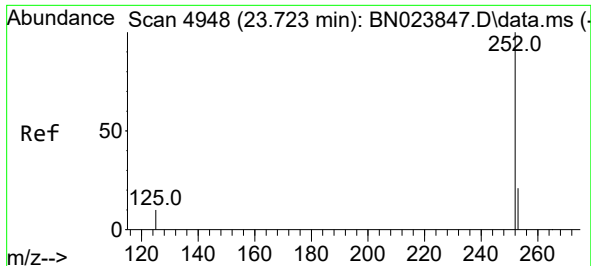
Tgt Ion:252 Resp: 10197
Ion Ratio Lower Upper
252 100
253 28.6 0.0 51.8
125 19.2 0.0 23.6



#25
Benzo(k)fluoranthene
Concen: 0.212 ng/ul
RT: 23.168 min Scan# 4758
Delta R.T. 0.021 min
Lab File: BN023846.D
Acq: 30 Jan 2023 15:39

Tgt Ion:252 Resp: 9756
Ion Ratio Lower Upper
252 100
253 28.2 20.2 30.2
125 13.8 9.0 13.4#

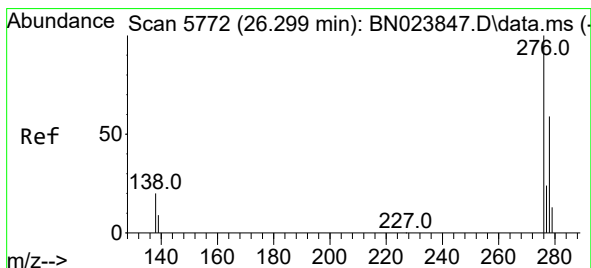
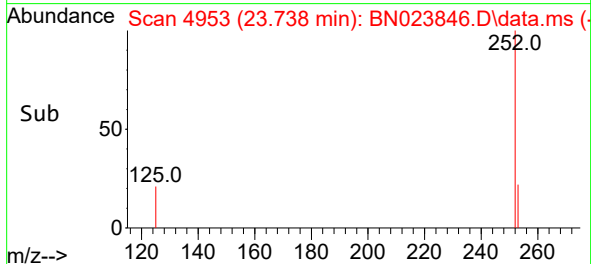
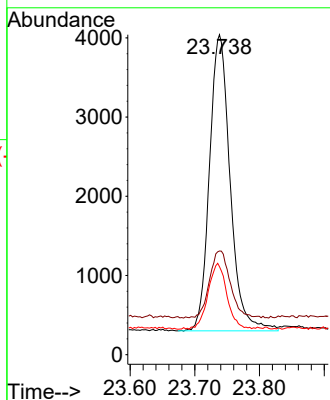
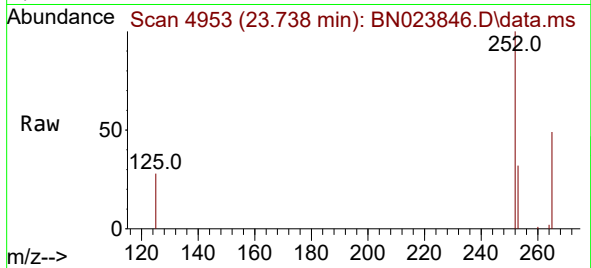




#26
Benzo(a)pyrene
Concen: 0.204 ng/ul
RT: 23.738 min Scan# 4948
Delta R.T. 0.015 min
Lab File: BN023846.D
Acq: 30 Jan 2023 15:39

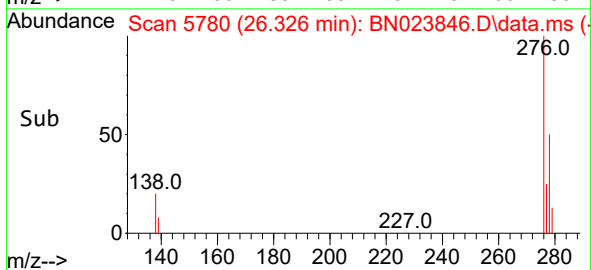
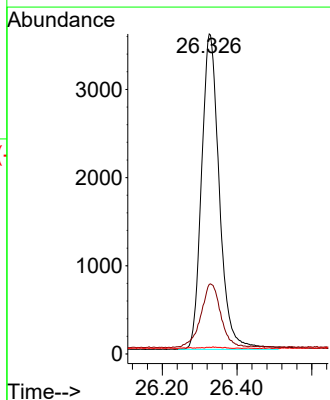
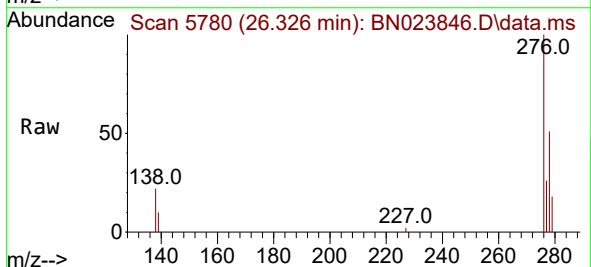
Instrument :
BNA_N
ClientSampleId :
SSTD0.2231

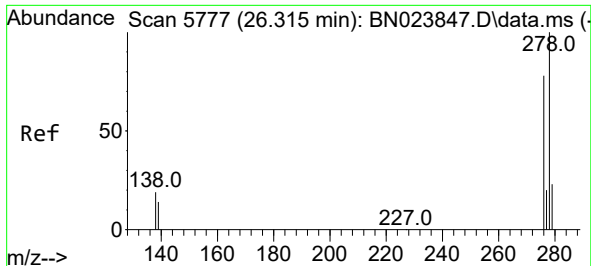
Tgt Ion:252 Resp: 8297
Ion Ratio Lower Upper
252 100
253 32.4 21.5 32.3#
125 27.5 11.2 16.8#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.234 ng/ul
RT: 26.326 min Scan# 5780
Delta R.T. 0.027 min
Lab File: BN023846.D
Acq: 30 Jan 2023 15:39

Tgt Ion:276 Resp: 11820
Ion Ratio Lower Upper
276 100
138 22.7 17.0 25.6
227 0.2 0.2 0.4#

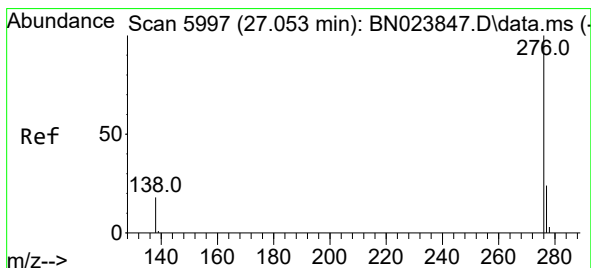
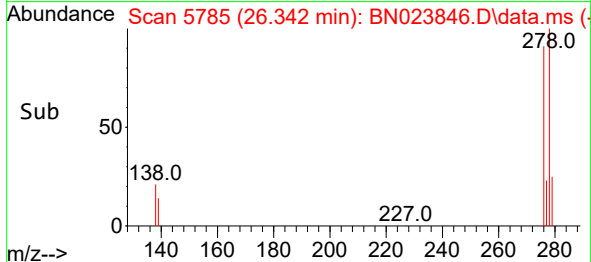
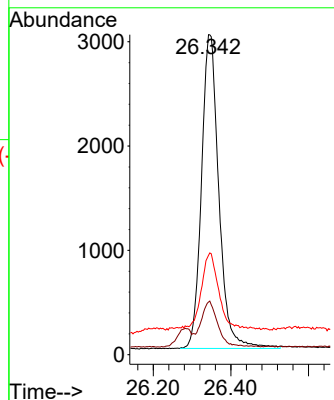
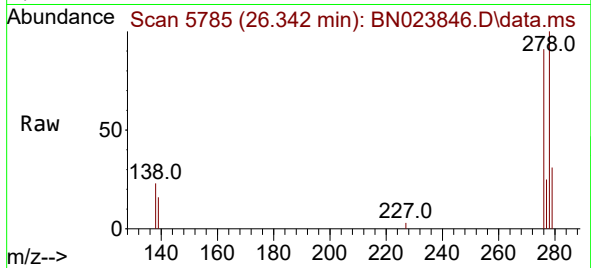




#28
 Dibenzo(a,h)anthracene
 Concen: 0.234 ng/ul
 RT: 26.342 min Scan# 51
 Delta R.T. 0.027 min
 Lab File: BN023846.D
 Acq: 30 Jan 2023 15:39

Instrument :
 BNA_N
 ClientSampleId :
 SST00.2231

Tgt Ion:278 Resp: 9354
 Ion Ratio Lower Upper
 278 100
 139 16.4 12.3 18.5
 279 31.0 21.4 32.0



#29
 Benzo(g,h,i)perylene
 Concen: 0.238 ng/ul
 RT: 27.097 min Scan# 6010
 Delta R.T. 0.044 min
 Lab File: BN023846.D
 Acq: 30 Jan 2023 15:39

Tgt Ion:276 Resp: 9613
 Ion Ratio Lower Upper
 276 100
 138 21.2 15.3 22.9
 277 26.0 19.9 29.9

