

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080323\
 Data File : BN026802.D
 Acq On : 03 Aug 2023 12:09
 Operator : MA/JU
 Sample : SST0.220
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.2238

Quant Time: Aug 04 03:38:16 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 03 15:46:03 2023
 Response via : Initial Calibration

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

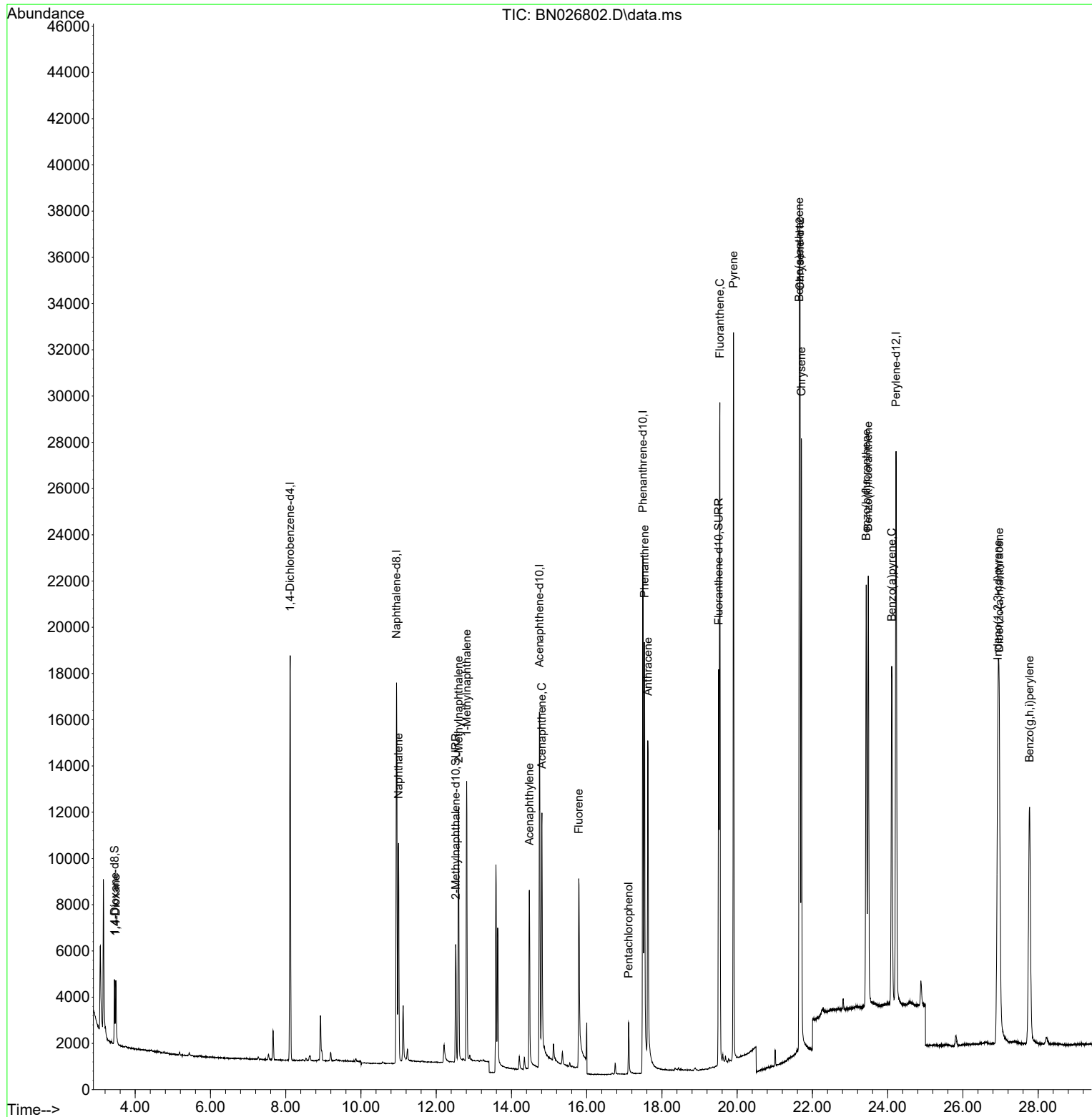
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.118	152	8868	0.400	ng/ul	0.00
4) Naphthalene-d8	10.944	136	23641	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.744	164	9755	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.494	188	30473	0.400	ng/ul	0.00
17) Chrysene-d12	21.668	240	30552	0.400	ng/ul	0.00
23) Perylene-d12	24.223	264	35072	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.448	96	2112	0.201	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.517	152	6833	0.196	ng/ul	0.00
18) Fluoranthene-d10	19.506	212	19042	0.197	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.486	88	2074	0.193	ng/ul	91
5) Naphthalene	10.999	128	13200	0.198	ng/ul	99
7) 2-Methylnaphthalene	12.594	142	7972	0.197	ng/ul	100
8) 1-Methylnaphthalene	12.808	142	8359	0.197	ng/ul	100
10) Acenaphthylene	14.476	152	11127	0.204	ng/ul	99
11) Acenaphthene	14.809	153	7697	0.204	ng/ul	99
12) Fluorene	15.790	166	8369	0.196	ng/ul	99
14) Pentachlorophenol	17.114	266	1661	0.193	ng/ul	100
15) Phenanthrene	17.536	178	20291	0.203	ng/ul	100
16) Anthracene	17.624	178	17860	0.197	ng/ul	99
19) Fluoranthene	19.538	202	25088	0.198	ng/ul	99
20) Pyrene	19.901	202	27171	0.201	ng/ul	99
21) Benzo(a)anthracene	21.650	228	24470	0.201	ng/ul	98
22) Chrysene	21.708	228	24181	0.202	ng/ul	99
24) Benzo(b)fluoranthene	23.430	252	26425	0.199	ng/ul	96
25) Benzo(k)fluoranthene	23.483	252	26256	0.201	ng/ul	96
26) Benzo(a)pyrene	24.109	252	24199	0.202	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.928	276	31228	0.199	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.965	278	24936	0.200	ng/ul	95
29) Benzo(g,h,i)perylene	27.770	276	25998	0.199	ng/ul	97

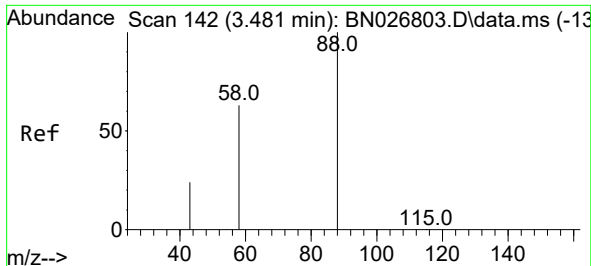
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080323\
Data File : BN026802.D
Acq On : 03 Aug 2023 12:09
Operator : MA/JU
Sample : SST0.220
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.2238

Quant Time: Aug 04 03:38:16 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 03 15:46:03 2023
Response via : Initial Calibration

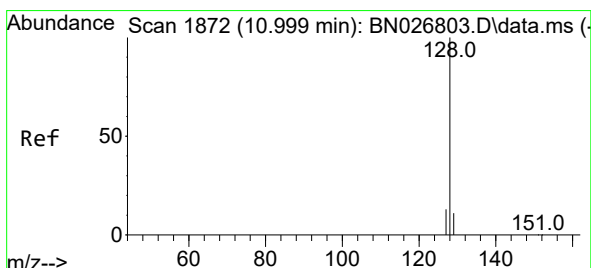
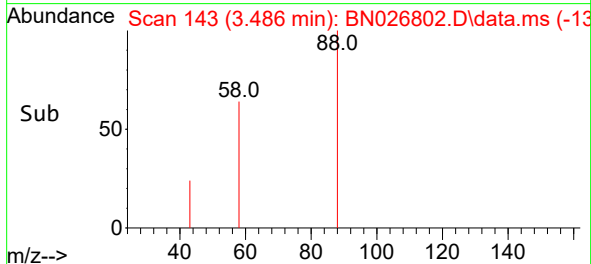
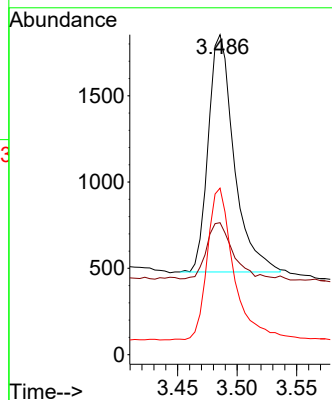
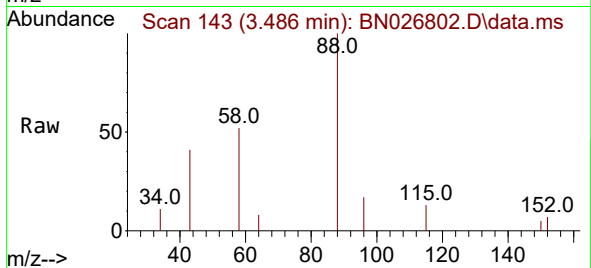




#2
1,4-Dioxane
Concen: 0.193 ng/ul
RT: 3.486 min Scan# 142
Delta R.T. 0.004 min
Lab File: BN026802.D
Acq: 03 Aug 2023 12:09

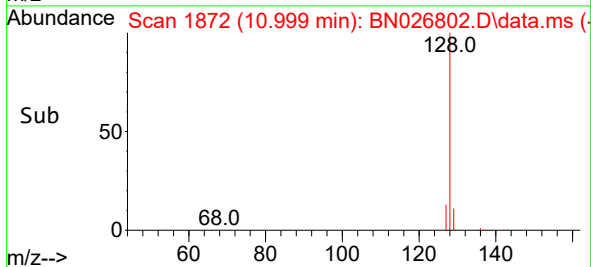
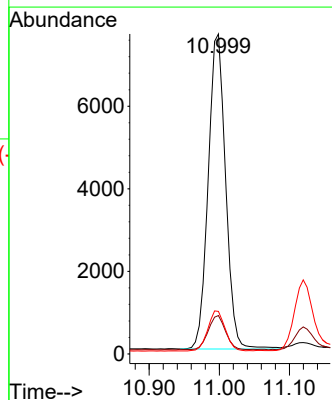
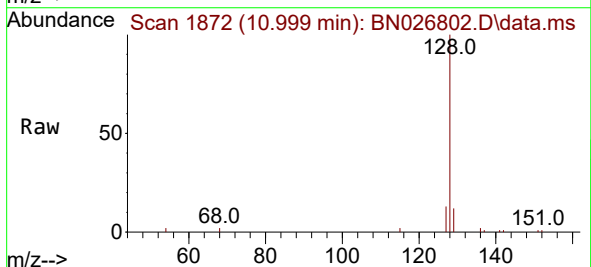
Instrument :
BNA_N
ClientSampleId :
SSTD0.2238

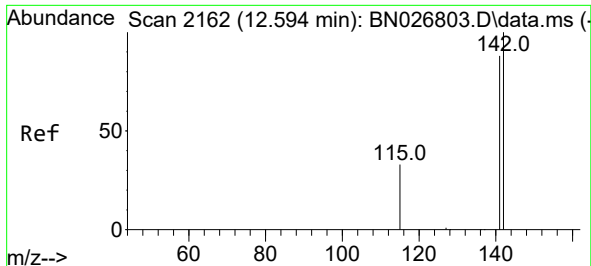
Tgt Ion: 88 Resp: 2074
Ion Ratio Lower Upper
88 100
43 41.3 28.0 42.0
58 52.0 46.0 69.0



#5
Naphthalene
Concen: 0.198 ng/ul
RT: 10.999 min Scan# 1872
Delta R.T. -0.000 min
Lab File: BN026802.D
Acq: 03 Aug 2023 12:09

Tgt Ion: 128 Resp: 13200
Ion Ratio Lower Upper
128 100
129 12.0 9.2 13.8
127 13.3 10.5 15.7

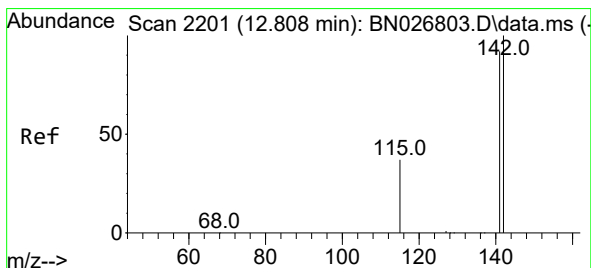
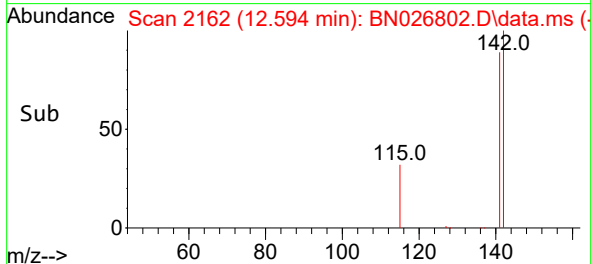
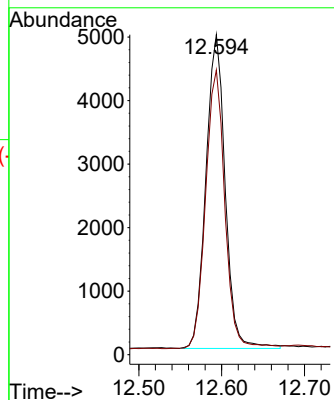
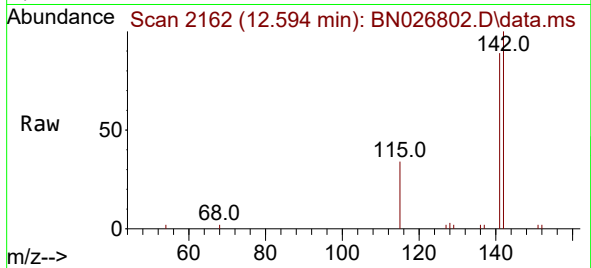




#7
2-Methylnaphthalene
Concen: 0.197 ng/ul
RT: 12.594 min Scan# 2162
Delta R.T. -0.000 min
Lab File: BN026802.D
Acq: 03 Aug 2023 12:09

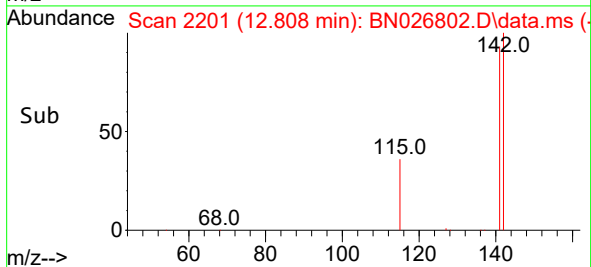
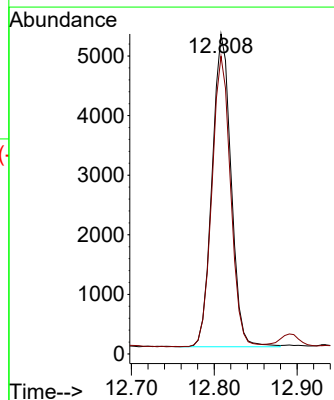
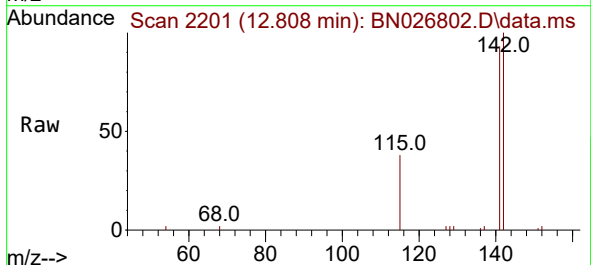
Instrument :
BNA_N
ClientSampleId :
SSTD0.2238

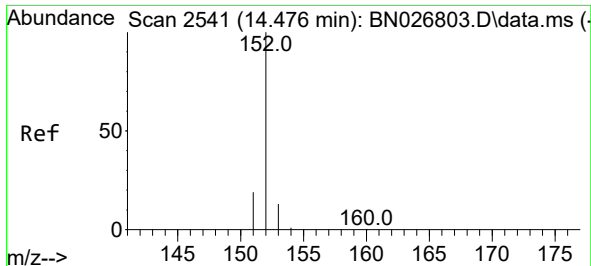
Tgt Ion:142 Resp: 7972
Ion Ratio Lower Upper
142 100
141 89.0 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.197 ng/ul
RT: 12.808 min Scan# 2201
Delta R.T. -0.000 min
Lab File: BN026802.D
Acq: 03 Aug 2023 12:09

Tgt Ion:142 Resp: 8359
Ion Ratio Lower Upper
142 100
141 91.5 73.2 109.8

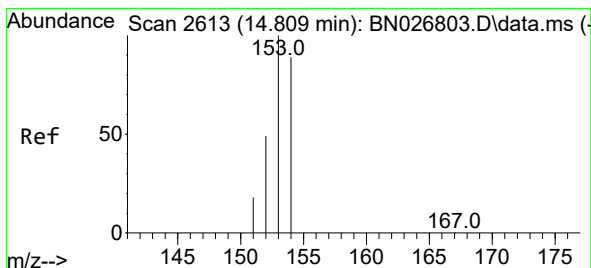
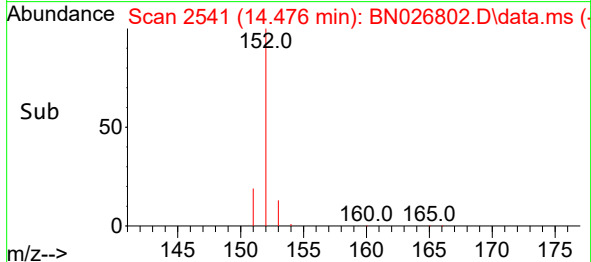
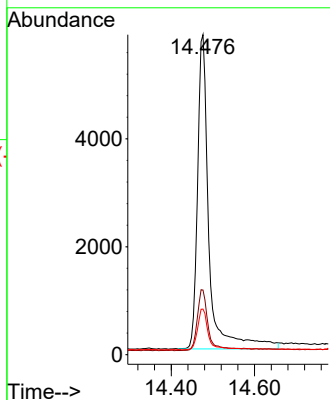
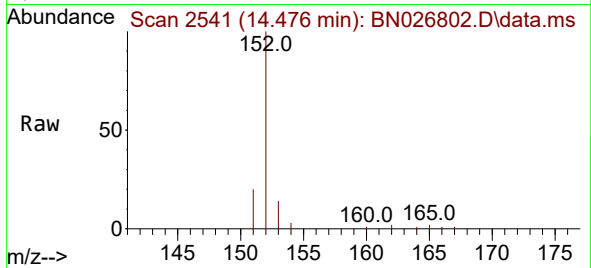




#10
Acenaphthylene
Concen: 0.204 ng/ul
RT: 14.476 min Scan# 2541
Delta R.T. -0.000 min
Lab File: BN026802.D
Acq: 03 Aug 2023 12:09

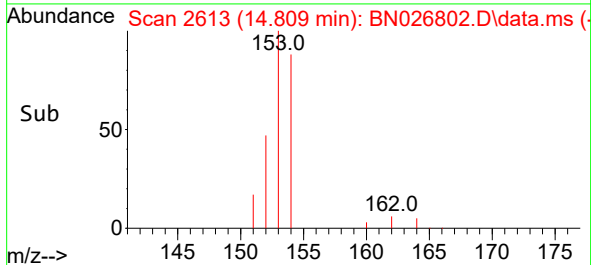
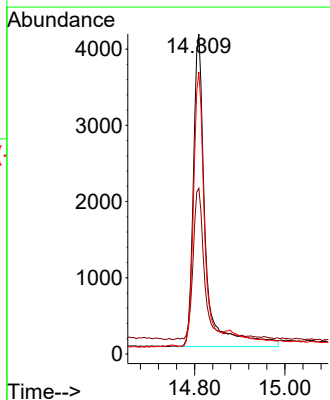
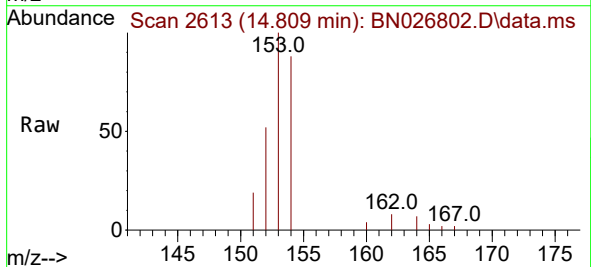
Instrument :
BNA_N
ClientSampleId :
SSTD0.2238

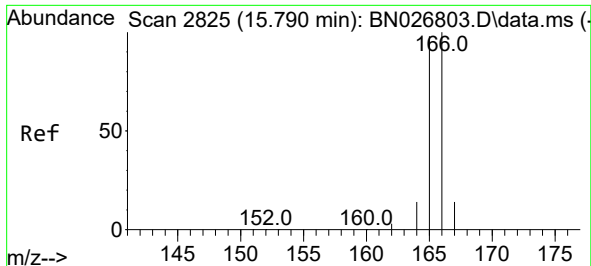
Tgt Ion:152 Resp: 11127
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 14.2 11.0 16.6



#11
Acenaphthene
Concen: 0.204 ng/ul
RT: 14.809 min Scan# 2613
Delta R.T. -0.000 min
Lab File: BN026802.D
Acq: 03 Aug 2023 12:09

Tgt Ion:153 Resp: 7697
Ion Ratio Lower Upper
153 100
152 51.8 41.1 61.7
154 88.2 71.6 107.4

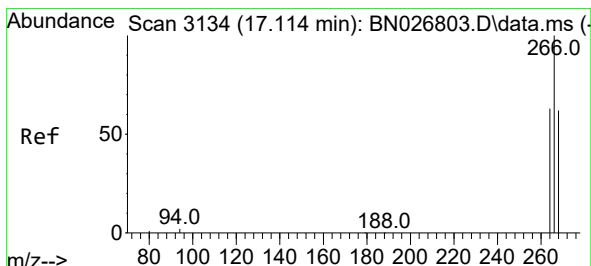
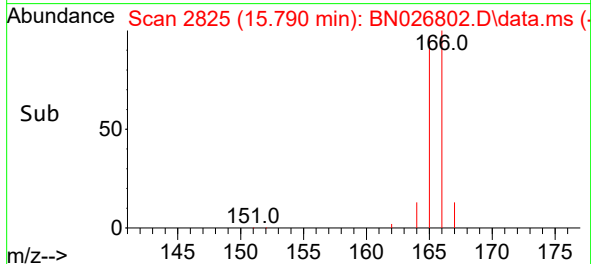
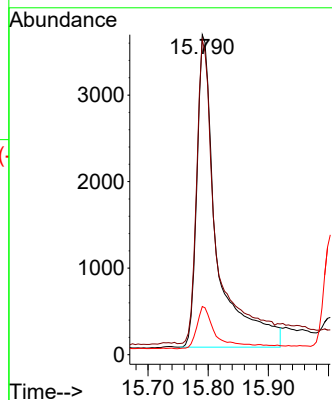
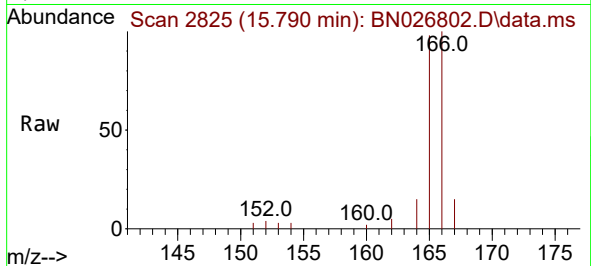




#12
Fluorene
Concen: 0.196 ng/ul
RT: 15.790 min Scan# 2825
Delta R.T. -0.000 min
Lab File: BN026802.D
Acq: 03 Aug 2023 12:09

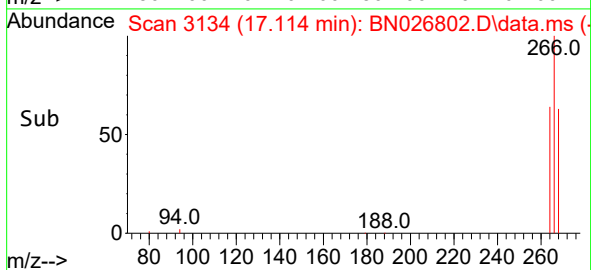
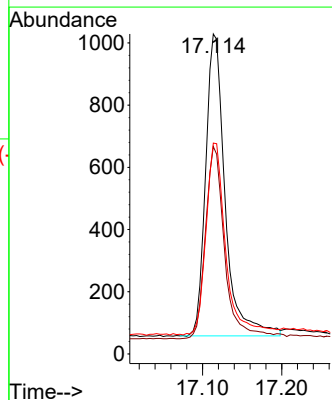
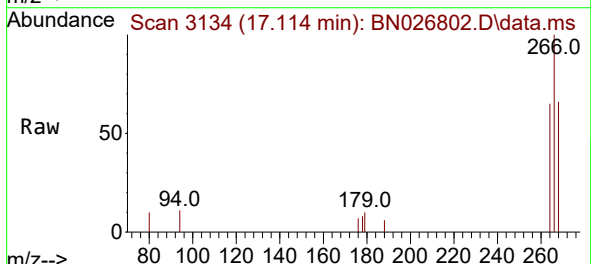
Instrument :
BNA_N
ClientSampleId :
SSTD0.2238

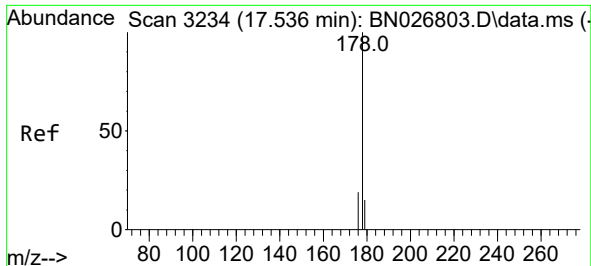
Tgt Ion:166 Resp: 8369
Ion Ratio Lower Upper
166 100
165 98.4 79.1 118.7
167 15.1 11.4 17.0



#14
Pentachlorophenol
Concen: 0.193 ng/ul
RT: 17.114 min Scan# 3134
Delta R.T. -0.000 min
Lab File: BN026802.D
Acq: 03 Aug 2023 12:09

Tgt Ion:266 Resp: 1661
Ion Ratio Lower Upper
266 100
264 63.2 50.4 75.6
268 64.5 51.2 76.8

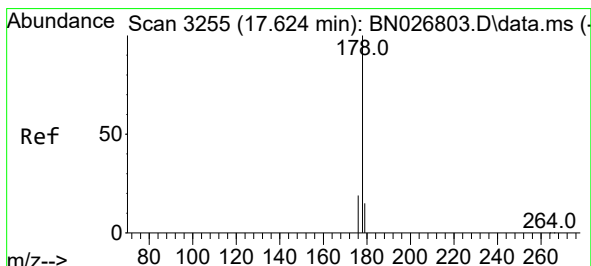
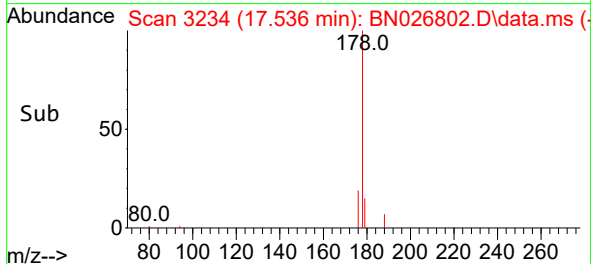
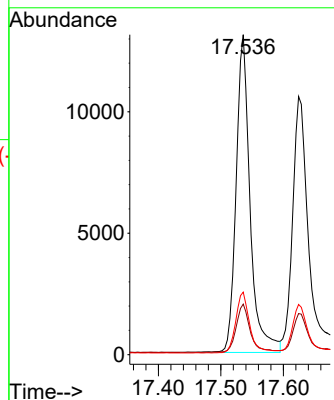
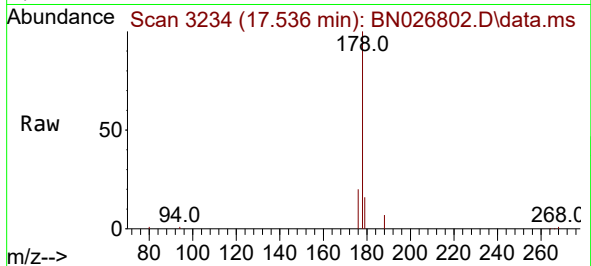




#15
Phenanthrene
Concen: 0.203 ng/ul
RT: 17.536 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN026802.D
Acq: 03 Aug 2023 12:09

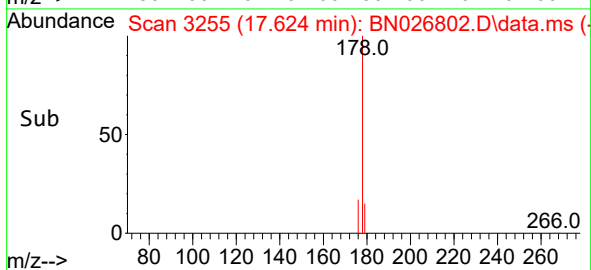
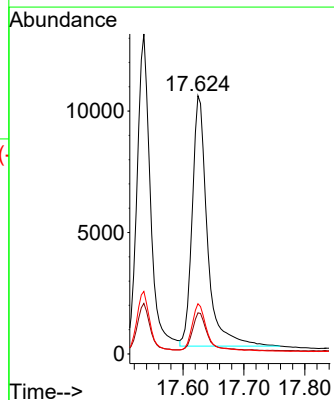
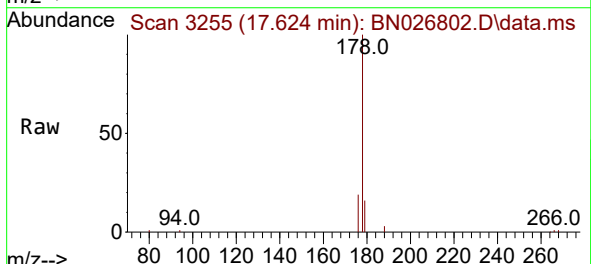
Instrument :
BNA_N
ClientSampleId :
SSTD0.2238

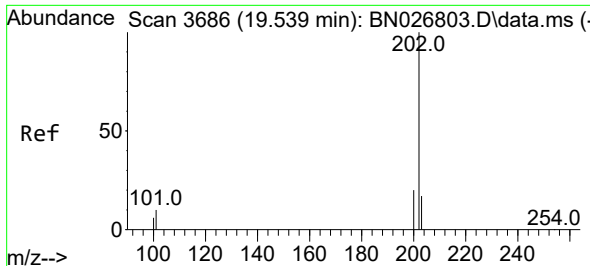
Tgt Ion:178 Resp: 20291
Ion Ratio Lower Upper
178 100
179 15.8 12.6 18.8
176 19.5 15.4 23.2



#16
Anthracene
Concen: 0.197 ng/ul
RT: 17.624 min Scan# 3255
Delta R.T. -0.000 min
Lab File: BN026802.D
Acq: 03 Aug 2023 12:09

Tgt Ion:178 Resp: 17860
Ion Ratio Lower Upper
178 100
179 15.9 12.6 19.0
176 19.5 15.0 22.6

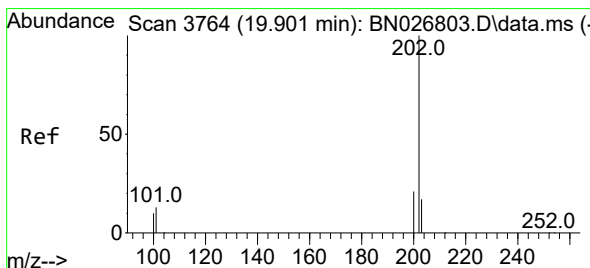
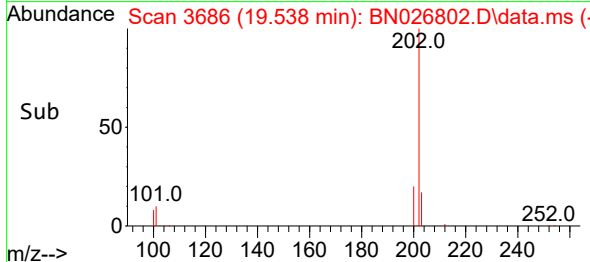
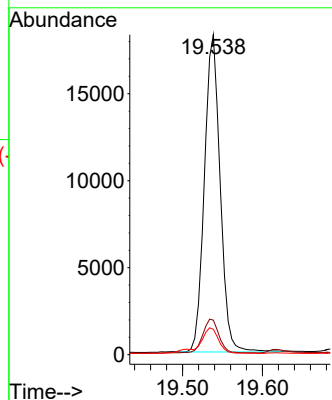
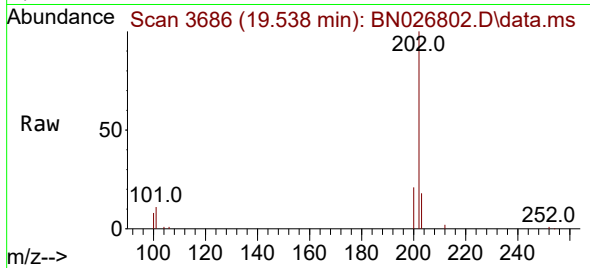




#19
Fluoranthene
Concen: 0.198 ng/ul
RT: 19.538 min Scan# 3686
Delta R.T. -0.000 min
Lab File: BN026802.D
Acq: 03 Aug 2023 12:09

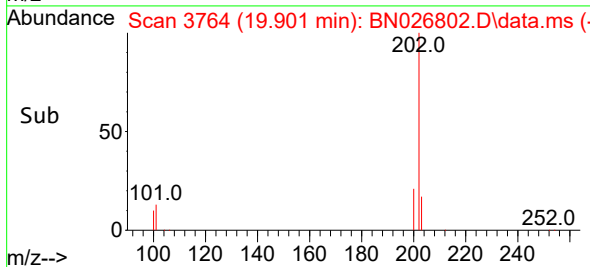
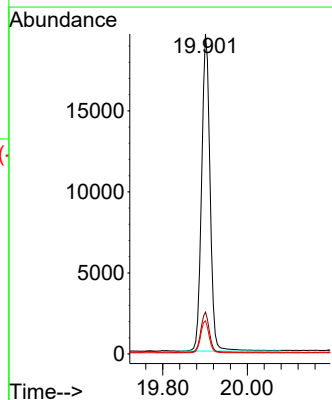
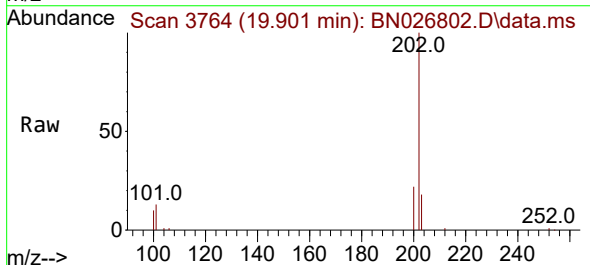
Instrument :
BNA_N
ClientSampleId :
SSTD0.2238

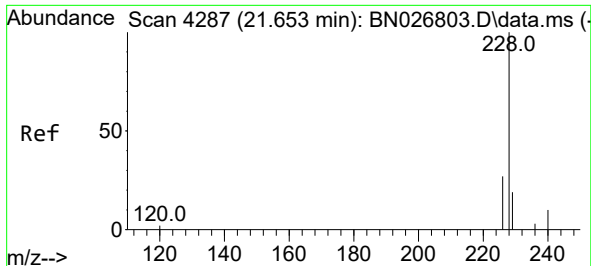
Tgt Ion:202 Resp: 25088
Ion Ratio Lower Upper
202 100
101 10.8 8.3 12.5
100 8.0 6.2 9.2



#20
Pyrene
Concen: 0.201 ng/ul
RT: 19.901 min Scan# 3764
Delta R.T. -0.000 min
Lab File: BN026802.D
Acq: 03 Aug 2023 12:09

Tgt Ion:202 Resp: 27171
Ion Ratio Lower Upper
202 100
101 13.1 10.7 16.1
100 10.4 8.5 12.7

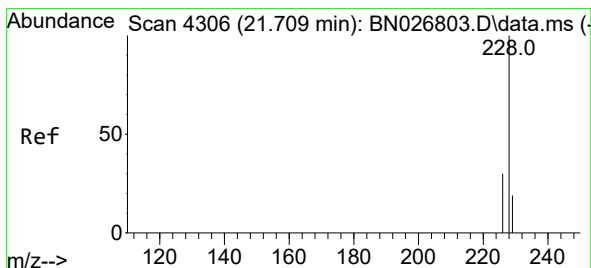
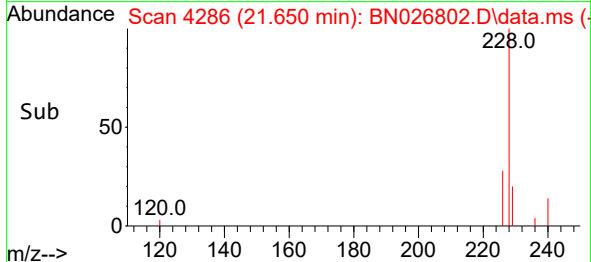
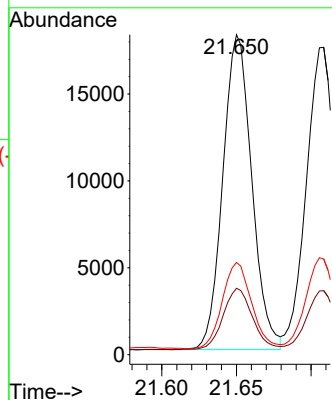
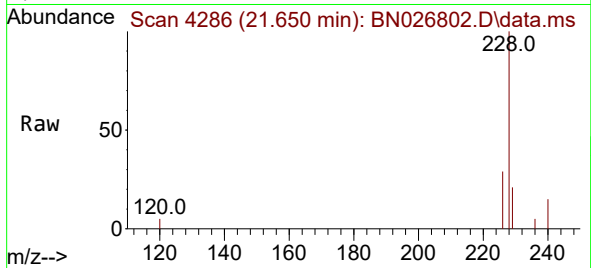




#21
Benzo(a)anthracene
Concen: 0.201 ng/ul
RT: 21.650 min Scan# 4287
Delta R.T. -0.003 min
Lab File: BN026802.D
Acq: 03 Aug 2023 12:09

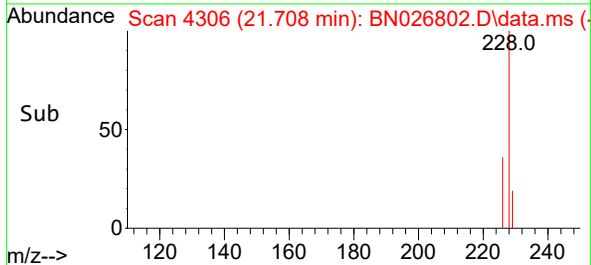
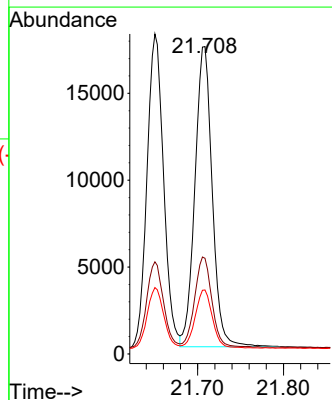
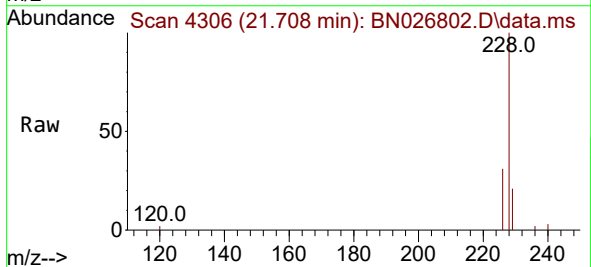
Instrument :
BNA_N
ClientSampleId :
SSTD0.2238

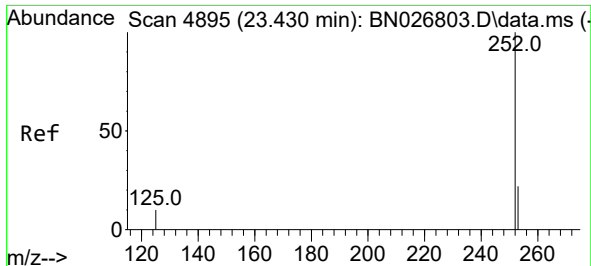
Tgt Ion:228 Resp: 24470
Ion Ratio Lower Upper
228 100
229 20.8 16.0 24.0
226 28.8 22.2 33.2



#22
Chrysene
Concen: 0.202 ng/ul
RT: 21.708 min Scan# 4306
Delta R.T. -0.000 min
Lab File: BN026802.D
Acq: 03 Aug 2023 12:09

Tgt Ion:228 Resp: 24181
Ion Ratio Lower Upper
228 100
226 31.1 24.6 36.8
229 20.8 15.8 23.6

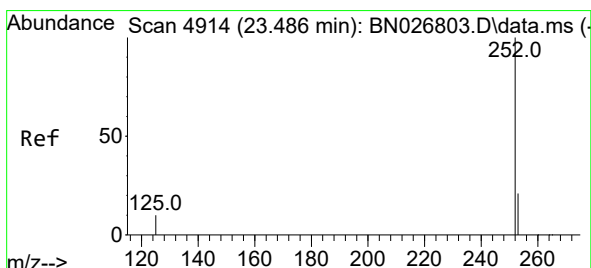
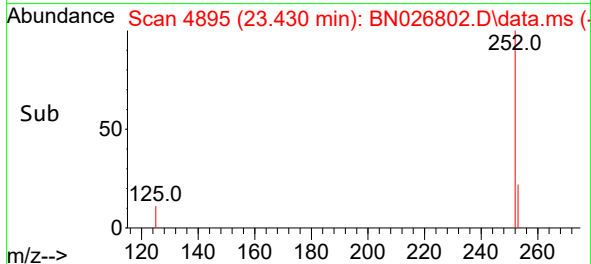
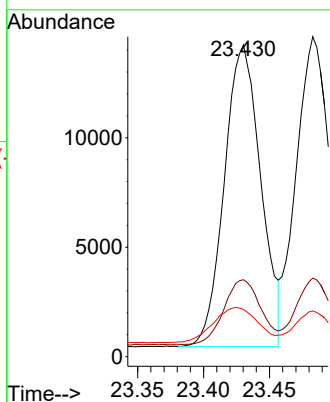
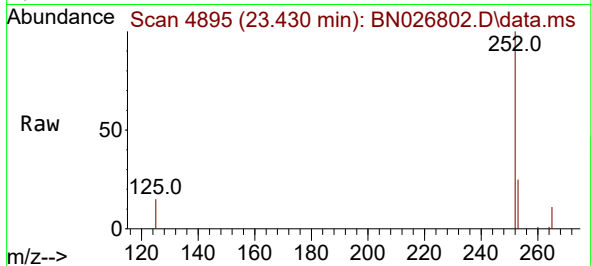




#24
Benzo(b)fluoranthene
Concen: 0.199 ng/ul
RT: 23.430 min Scan# 4895
Delta R.T. -0.000 min
Lab File: BN026802.D
Acq: 03 Aug 2023 12:09

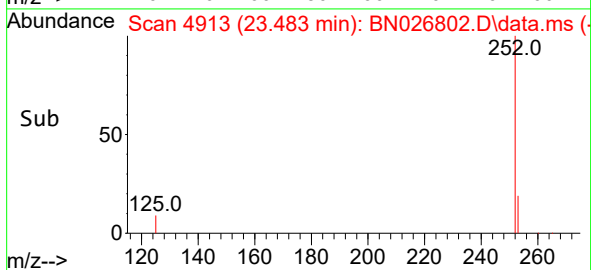
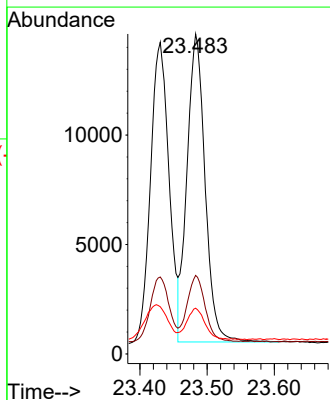
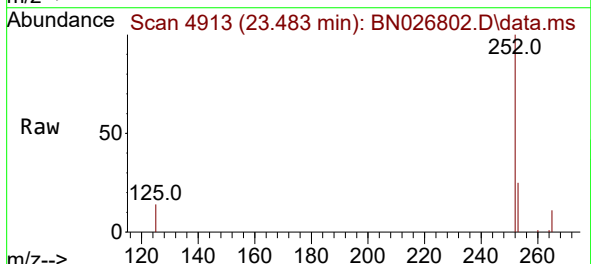
Instrument :
BNA_N
ClientSampleId :
SSTD0.2238

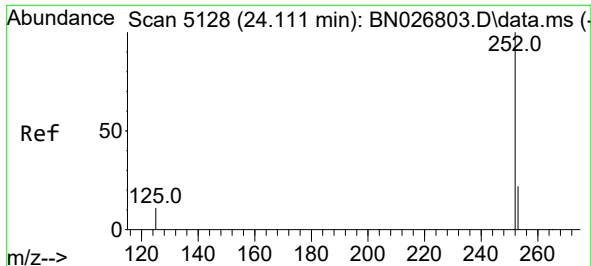
Tgt Ion:252 Resp: 26425
Ion Ratio Lower Upper
252 100
253 24.7 0.0 46.8
125 15.1 0.0 25.2



#25
Benzo(k)fluoranthene
Concen: 0.201 ng/ul
RT: 23.483 min Scan# 4913
Delta R.T. -0.003 min
Lab File: BN026802.D
Acq: 03 Aug 2023 12:09

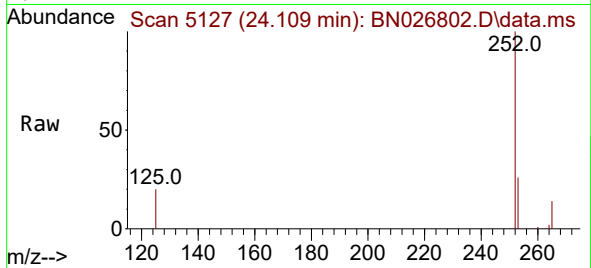
Tgt Ion:252 Resp: 26256
Ion Ratio Lower Upper
252 100
253 24.5 18.2 27.4
125 14.3 9.9 14.9



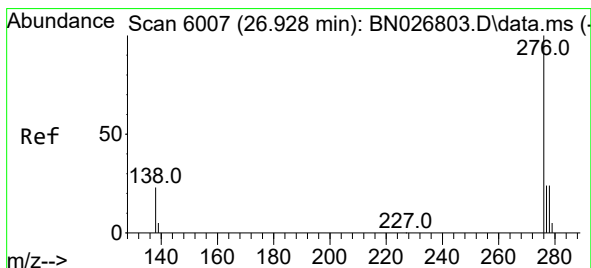
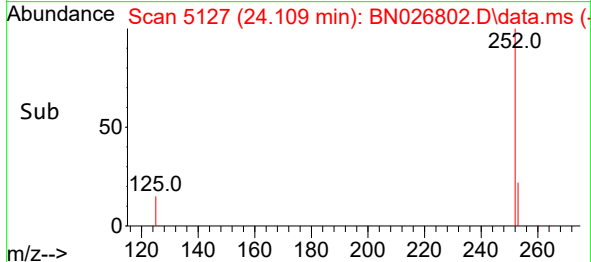
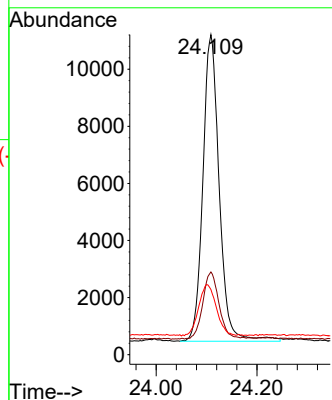


#26
Benzo(a)pyrene
Concen: 0.202 ng/ul
RT: 24.109 min Scan# 5128
Delta R.T. -0.003 min
Lab File: BN026802.D
Acq: 03 Aug 2023 12:09

Instrument :
BNA_N
ClientSampleId :
SSTD0.2238

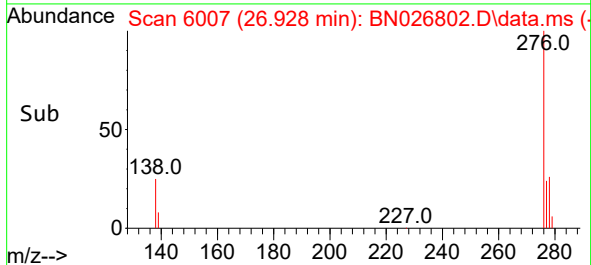
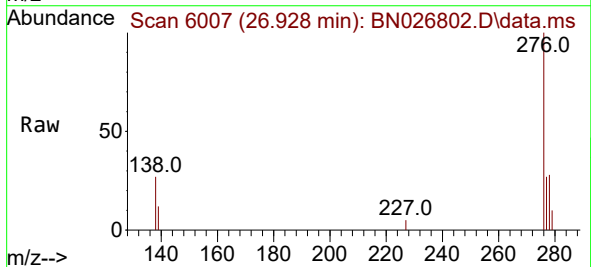
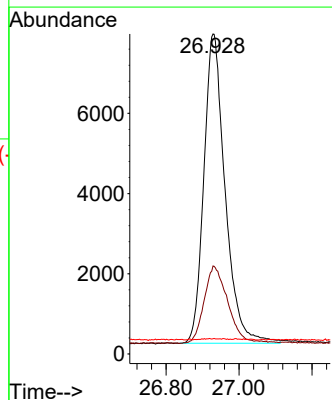


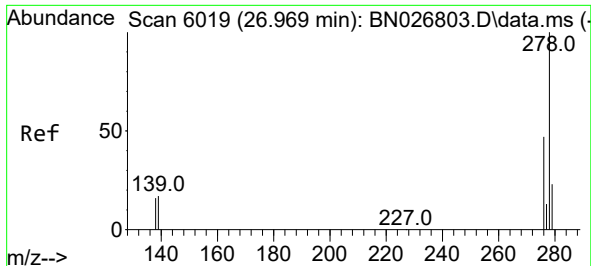
Tgt Ion:252 Resp: 24199
Ion Ratio Lower Upper
252 100
253 25.8 19.0 28.6
125 20.3 11.4 17.0#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.199 ng/ul
RT: 26.928 min Scan# 6007
Delta R.T. -0.000 min
Lab File: BN026802.D
Acq: 03 Aug 2023 12:09

Tgt Ion:276 Resp: 31228
Ion Ratio Lower Upper
276 100
138 28.0 21.6 32.4
227 0.2 0.0 0.0#

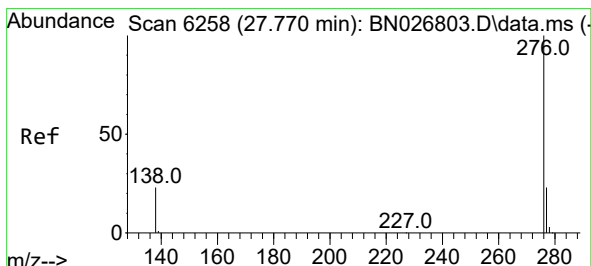
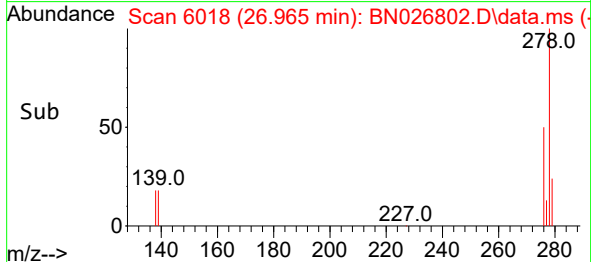
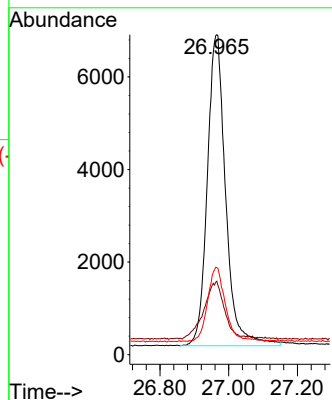
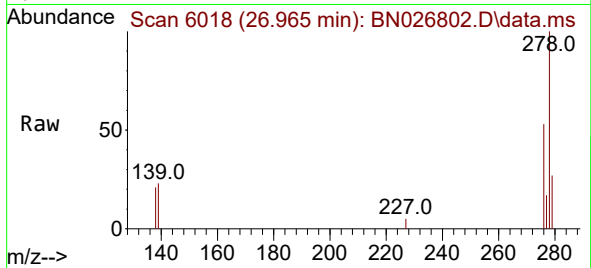




#28
Dibenzo(a,h)anthracene
Concen: 0.200 ng/ul
RT: 26.965 min Scan# 6019
Delta R.T. -0.003 min
Lab File: BN026802.D
Acq: 03 Aug 2023 12:09

Instrument :
BNA_N
ClientSampleId :
SSTD0.2238

Tgt Ion:278 Resp: 24936
Ion Ratio Lower Upper
278 100
139 22.9 15.7 23.5
279 27.2 20.2 30.4



#29
Benzo(g,h,i)perylene
Concen: 0.199 ng/ul
RT: 27.770 min Scan# 6258
Delta R.T. -0.000 min
Lab File: BN026802.D
Acq: 03 Aug 2023 12:09

Tgt Ion:276 Resp: 25998
Ion Ratio Lower Upper
276 100
138 25.5 19.3 28.9
277 25.9 19.8 29.8

